

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117475.D
 Acq On : 22 Oct 2019 13:46
 Operator : JU
 Sample : PB124054BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Manual Integrations
 APPROVED

mohammad
 10/23/2019 8:05:59 AM

Quant Time: Oct 22 14:57:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	43650	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	197543	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	105285	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	167490	20.00	ng	0.00
76) Chrysene-d12	13.90	240	118709	20.00	ng	0.00
87) Perylene-d12	15.33	264	97027	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	361440	123.19	ng	0.02
7) Phenol-d6	6.39	99	474388	120.38	ng	0.00
23) Nitrobenzene-d5	7.30	82	250328	62.56	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	101266	111.16	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	456612	61.11	ng	0.00
79) Terphenyl-d14	12.83	244	446679	61.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	51304	41.589	ng	# 96
3) Pyridine	3.26	79	115301	38.181	ng	97
4) n-Nitrosodimethylamine	3.19	42	50666	46.247	ng	98
6) Aniline	6.40	93	161117	34.825	ng	# 27
8) 2-Chlorophenol	6.53	128	146215	47.226	ng	95
9) Benzaldehyde	6.29	77	93234	52.543	ng	97
10) Phenol	6.40	94	185823	46.201	ng	91
11) bis(2-Chloroethyl)ether	6.47	93	135979	45.707	ng	99
12) 1,3-Dichlorobenzene	6.67	146	148774	43.061	ng	98
13) 1,4-Dichlorobenzene	6.75	146	150273	42.875	ng	94
14) 1,2-Dichlorobenzene	6.90	146	144285	43.672	ng	98
15) Benzyl Alcohol	6.89	79	132078	46.911	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	138525	43.164	ng	70
17) 2-Methylphenol	7.00	107	122465	48.084	ng	96
18) Hexachloroethane	7.24	117	57807	42.256	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	110580	45.947	ng	96
20) 3+4-Methylphenols	7.16	107	158508	47.468	ng	# 81
22) Acetophenone	7.15	105	214323	40.858	ng	96
24) Nitrobenzene	7.32	77	167942	43.820	ng	95
25) Isophorone	7.56	82	306560	44.287	ng	99
26) 2-Nitrophenol	7.64	139	76412	44.703	ng	97
27) 2,4-Dimethylphenol	7.68	122	128063	50.131	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	181234	42.430	ng	99
29) 2,4-Dichlorophenol	7.89	162	120228	44.871	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	119615	41.600	ng	99
31) Naphthalene	8.04	128	423126	43.213	ng	99
32) Benzoic acid	7.84	122	69459	39.697	ng	95
33) 4-Chloroaniline	8.09	127	108015	26.139	ng	98
34) Hexachlorobutadiene	8.15	225	67909	40.804	ng	98
35) Caprolactam	8.47	113	37464m	43.525	ng	
36) 4-Chloro-3-methylphenol	8.59	107	138891	45.451	ng	100
37) 2-Methylnaphthalene	8.73	142	290200	43.984	ng	98
38) 1-Methylnaphthalene	8.83	142	275310	44.406	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	111017	39.149	ng	98

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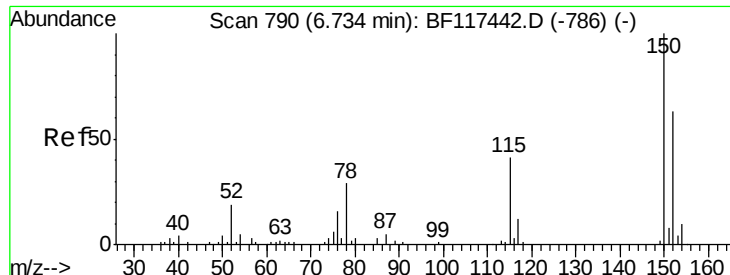
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	63787	81.814	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	74849	42.149	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	79151	43.986	nq	96
46) 1,1'-Biphenyl	9.19	154	342876	39.338	nq	98
47) 2-Chloronaphthalene	9.22	162	263399	40.080	nq	100
48) 2-Nitroaniline	9.32	65	87628	40.617	nq	92
49) Acenaphthylene	9.63	152	413743	42.862	nq	99
50) Dimethylphthalate	9.49	163	313931	41.826	nq	100
51) 2,6-Dinitrotoluene	9.56	165	67910	43.358	nq	95
52) Acenaphthene	9.80	154	245667	41.481	nq	98
53) 3-Nitroaniline	9.73	138	50520	26.584	nq	92
54) 2,4-Dinitrophenol	9.86	184	45233	70.383	nq	93
55) Dibenzofuran	9.97	168	365578	42.606	nq	98
56) 4-Nitrophenol	9.92	139	71425	81.565	nq	86
57) 2,4-Dinitrotoluene	9.97	165	89568	43.012	nq	94
58) Fluorene	10.32	166	299440	42.201	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	63123	44.632	nq	99
60) Diethylphthalate	10.19	149	323581	42.623	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	131514	41.312	nq	99
62) 4-Nitroaniline	10.36	138	64495	36.006	nq	99
63) Azobenzene	10.47	77	339404	43.672	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	37232	43.722	nq	94
66) n-Nitrosodiphenylamine	10.43	169	261851	42.765	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	75135	41.648	nq	99
68) Hexachlorobenzene	10.87	284	77555	40.141	nq	# 86
69) Atrazine	10.96	200	83082	53.331	nq	98
70) Pentachlorophenol	11.07	266	62670	108.202	nq	98
71) Phenanthrene	11.28	178	409816	42.138	nq	98
72) Anthracene	11.33	178	432867	43.378	nq	99
73) Carbazole	11.49	167	388871	42.642	nq	99
74) Di-n-butylphthalate	11.81	149	528846	43.401	nq	100
75) Fluoranthene	12.47	202	417289	42.860	nq	98
77) Benzidine	12.59	184	190869	74.739	nq	99
78) Pyrene	12.70	202	420556	41.245	nq	99
80) Butylbenzylphthalate	13.30	149	213681	42.113	nq	98
81) Benzo(a)anthracene	13.89	228	334149	41.730	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	81839	32.571	nq	98
83) Chrysene	13.93	228	327723	41.760	nq	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	315736	44.422	nq	96
85) Di-n-octyl phthalate	14.48	149	511974	46.849	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	227522	38.832	nq	99
88) Benzo(b)fluoranthene	14.92	252	254724	44.458	nq	98
89) Benzo(k)fluoranthene	14.95	252	271775	46.280	nq	97
90) Benzo(a)pyrene	15.27	252	226474	43.475	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	194733	43.232	nq	98
92) Benzo(g,h,i)perylene	17.16	276	184529	43.297	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

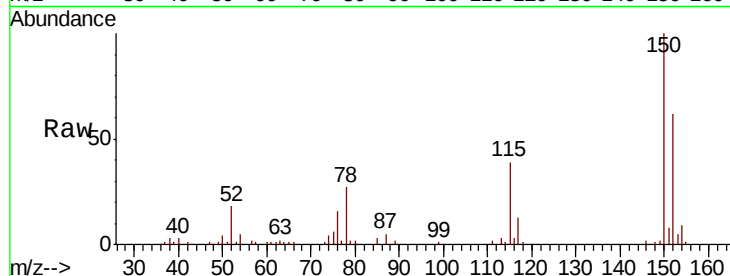
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.8	190.2
115	62.5	51.6	77.4

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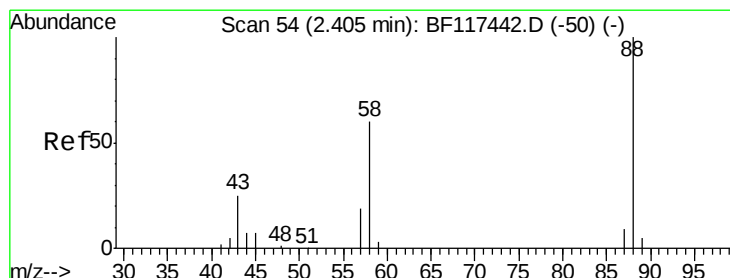
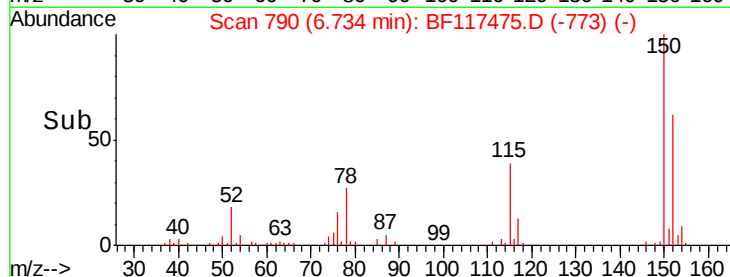
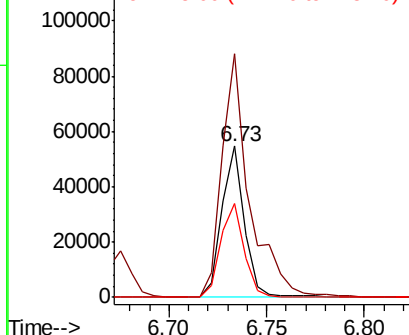


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.589 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.12 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

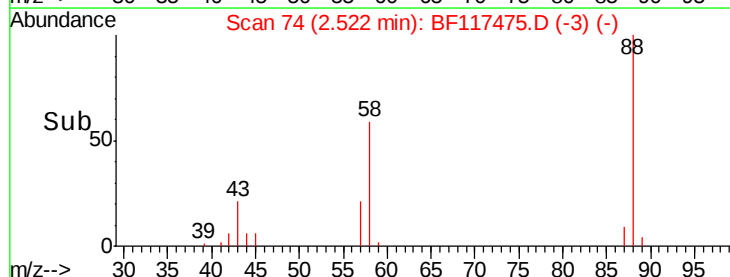
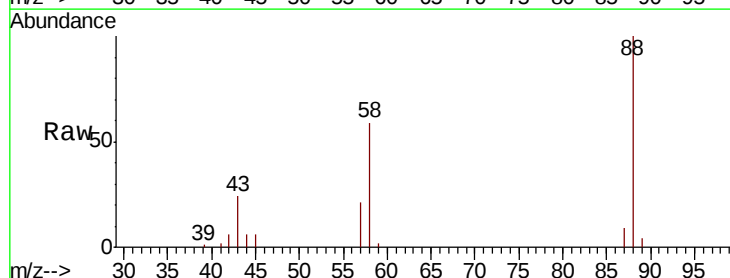
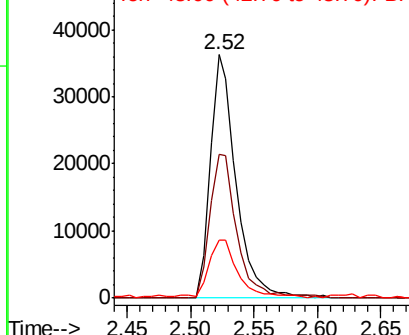
Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	48.8	73.2
43	27.9	18.5	27.7#

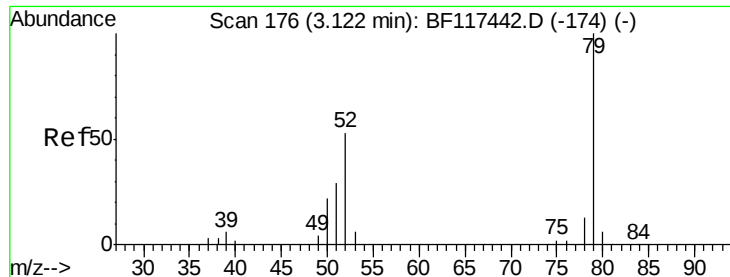
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.181 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.14 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

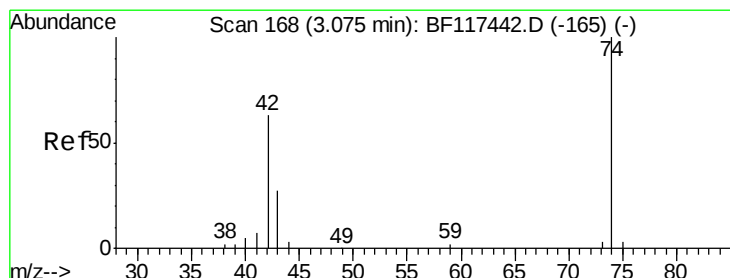
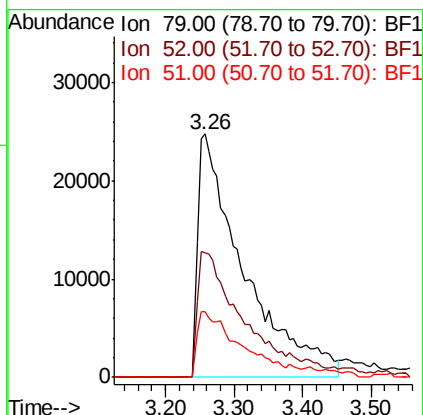
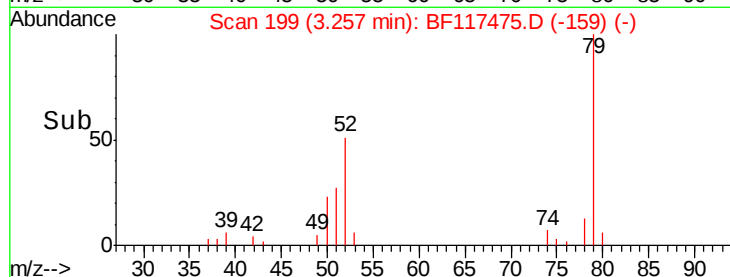
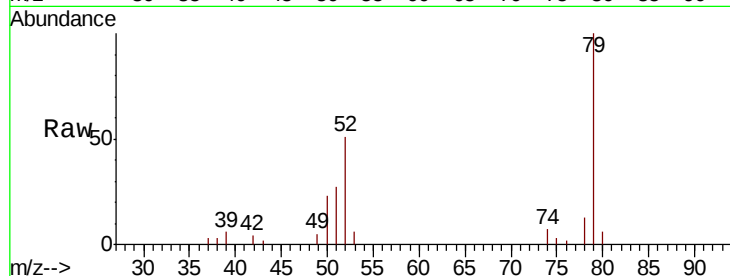
ClientSampleId :

PB124054BSD

Tot Ion:	79	Resp:	115301
Ion	Ratio	Lower	Upper
79	100		
52	51.0	42.4	63.6
51	27.0	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 46.247 ng

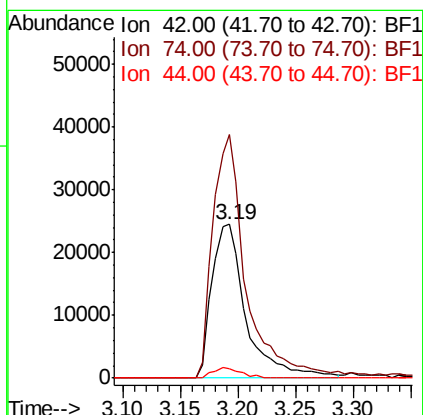
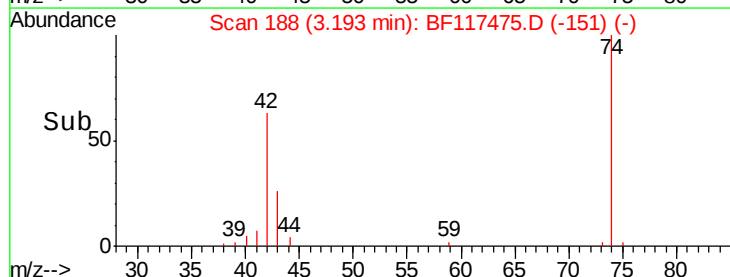
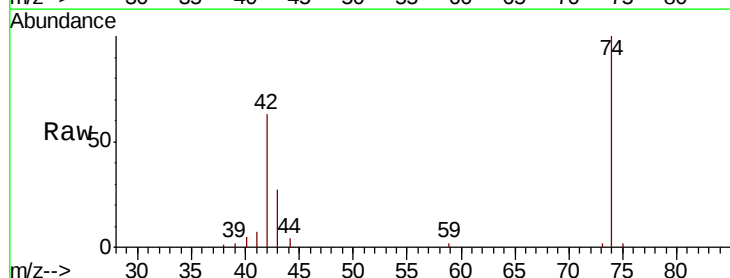
RT: 3.19 min Scan# 188

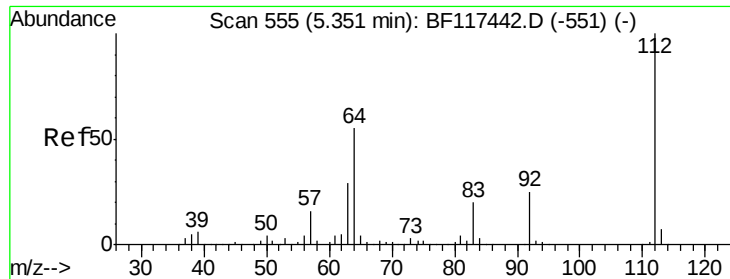
Delta R.T. 0.12 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Tgt Ion:	42	Resp:	50666
Ion	Ratio	Lower	Upper
42	100		
74	158.4	124.2	186.4
44	5.8	4.2	6.4





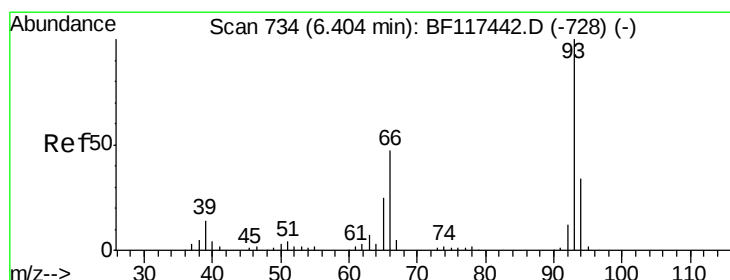
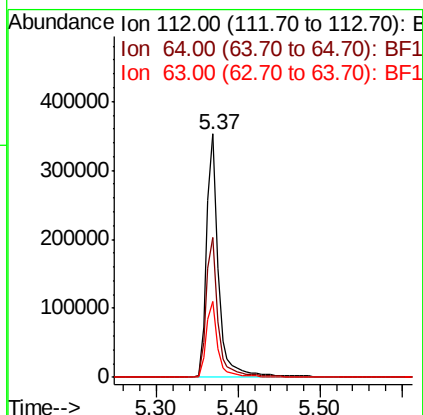
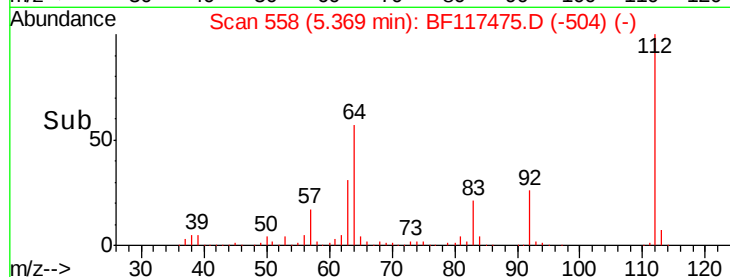
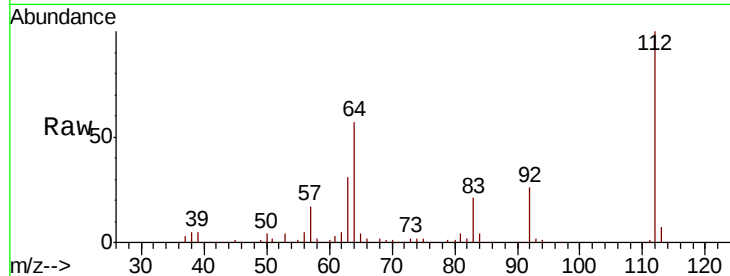
#5
2-Fluorophenol
Concen: 123.188 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	361440		
64	57.3	44.1	66.1	
63	31.4	23.4	35.2	

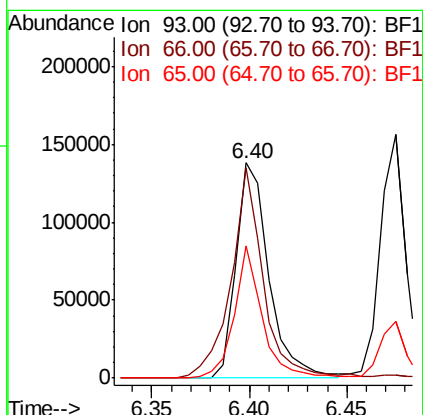
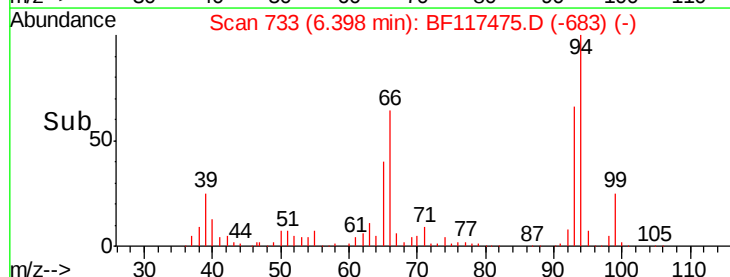
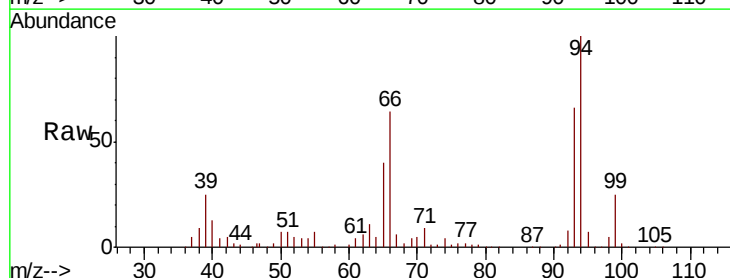
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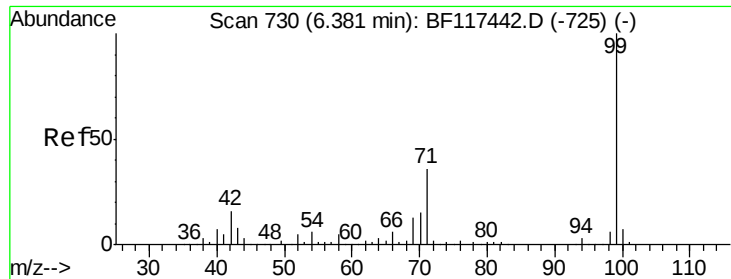
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#6
Aniline
Concen: 34.825 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	161117		
66	98.0	38.7	58.1#	
65	61.5	20.1	30.1#	





#7

Phenol-d6

Concen: 120.380 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

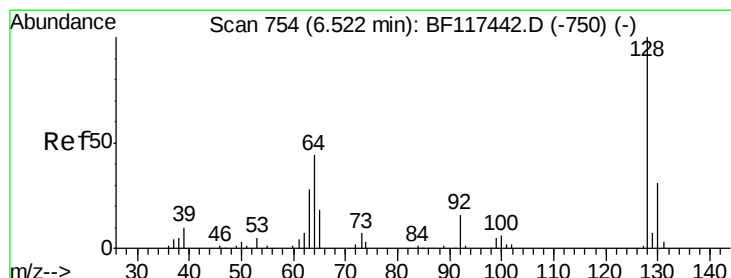
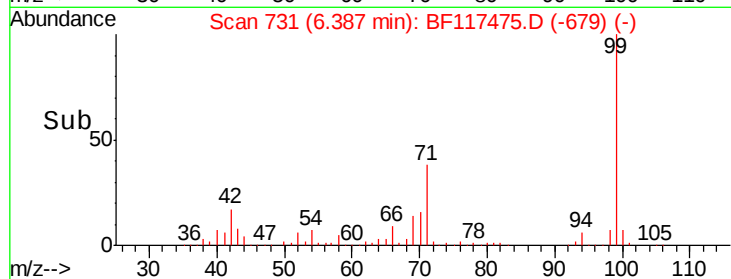
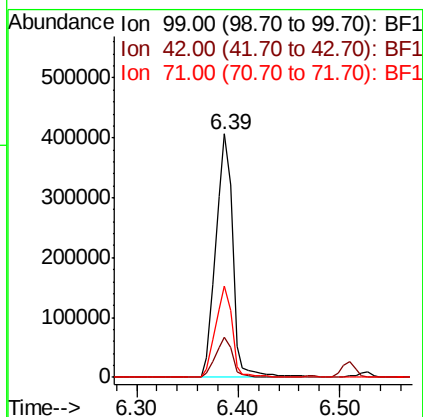
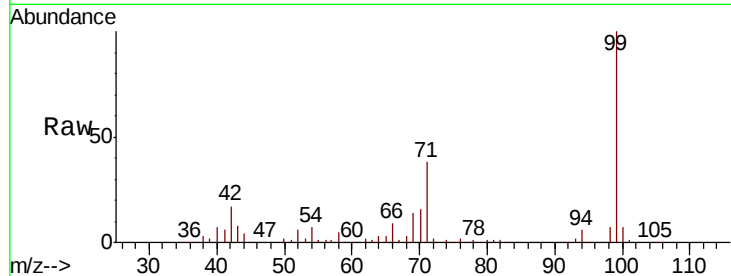
ClientSampleId :

PB124054BSD

Tot Ion:	99	Resp:	474388
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	37.7	28.6	43.0

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#8

2-Chlorophenol

Concen: 47.226 ng

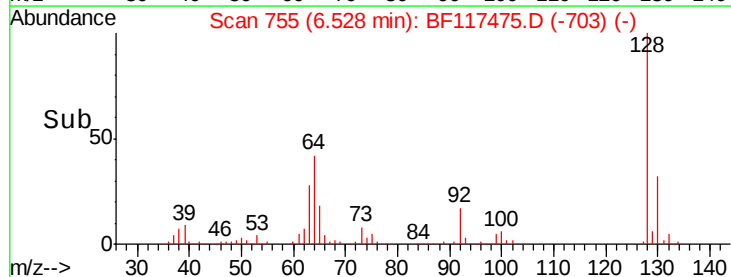
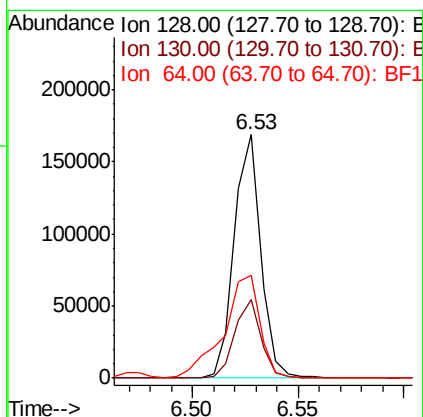
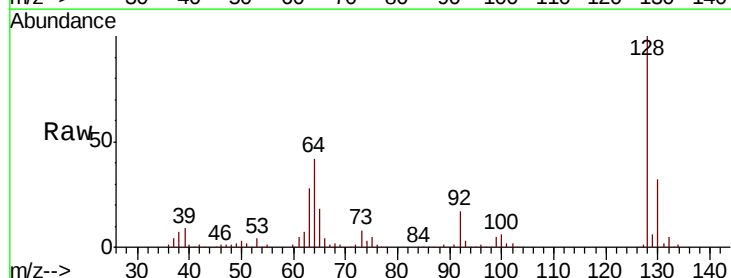
RT: 6.53 min Scan# 755

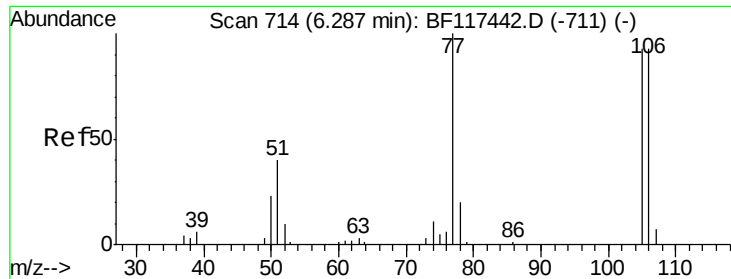
Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Tgt Ion:	128	Resp:	146215
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.1	51.1
64	42.3	27.1	67.1





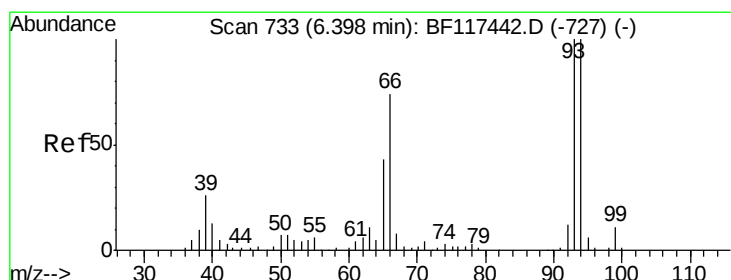
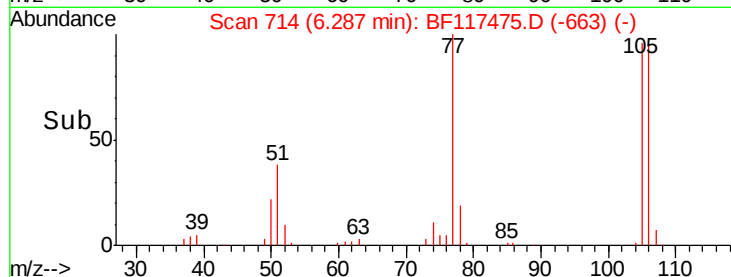
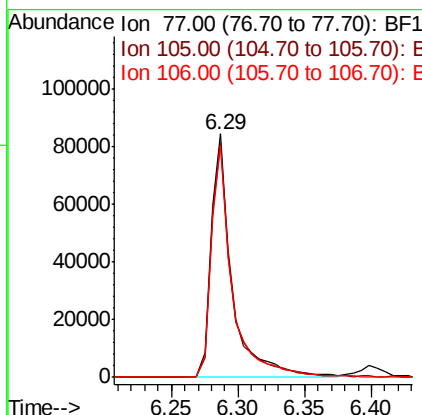
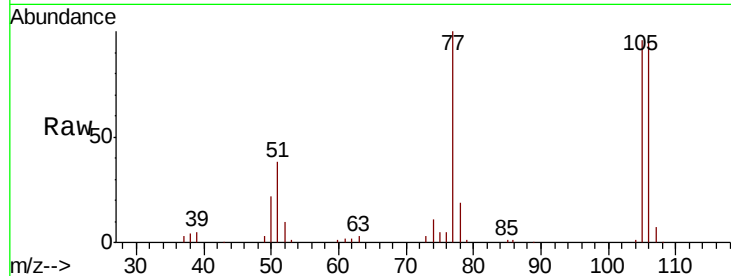
#9
Benzaldehyde
Concen: 52.543 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.4	73.4	113.4
106	95.4	73.0	113.0

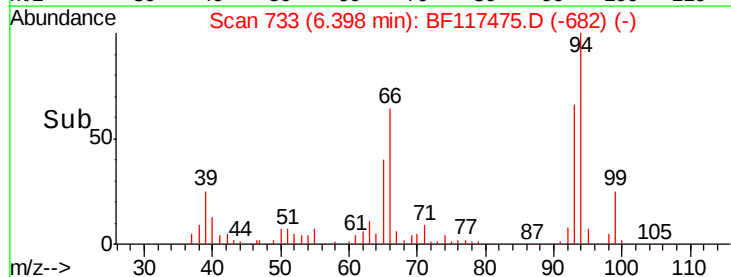
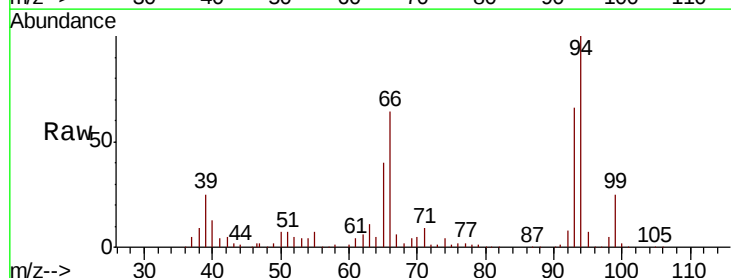
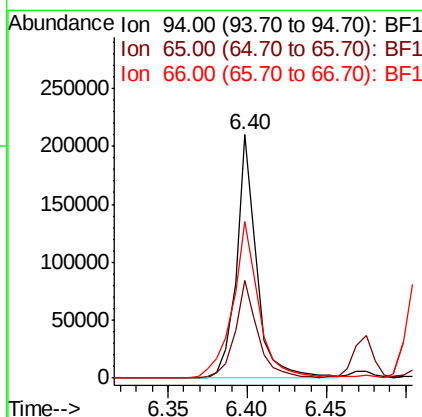
Manual Integrations
APPROVED

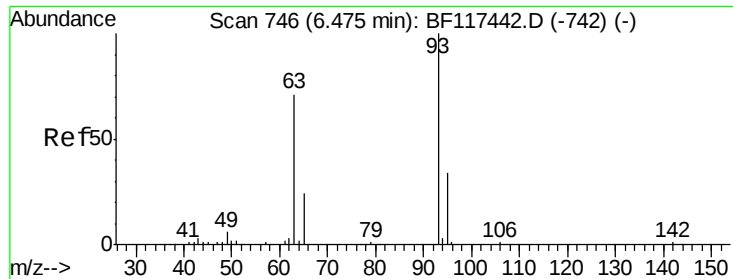
mohammad
10/23/2019 8:05:59 AM



#10
Phenol
Concen: 46.201 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.4	23.4	63.4
66	64.4	54.7	94.7





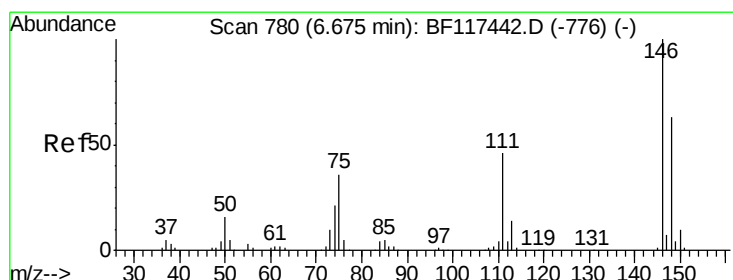
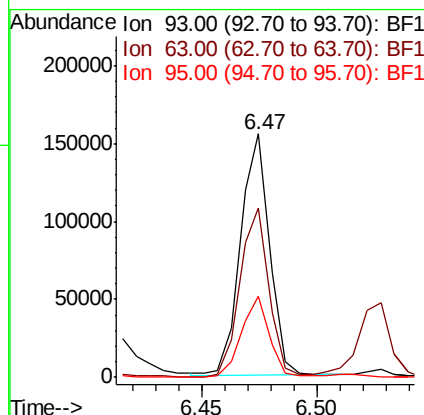
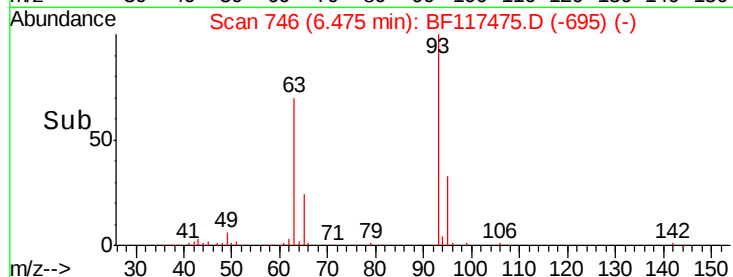
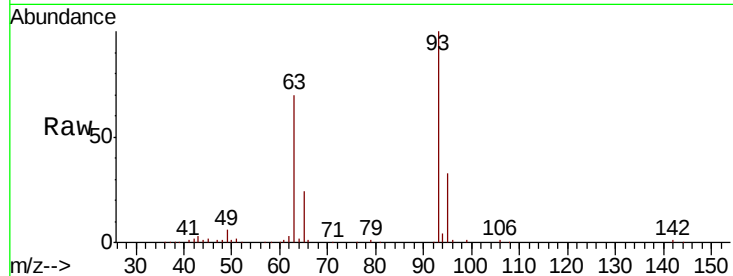
#11
bis(2-Chloroethyl)ether
Concen: 45.707 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	93	Resp	135979
Ion Ratio	100	Lower	Upper
93	100		
63	69.7	50.2	90.2
95	33.1	13.9	53.9

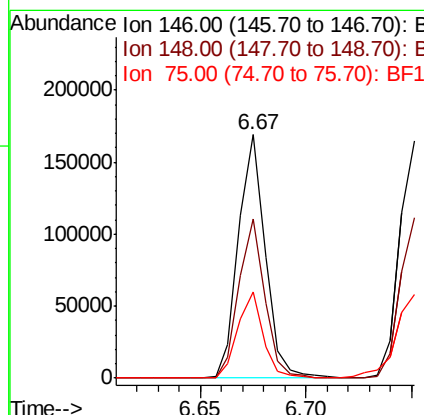
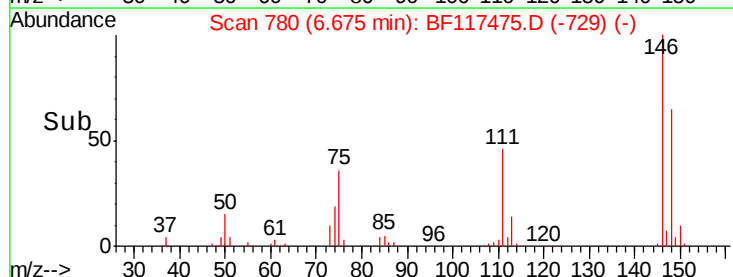
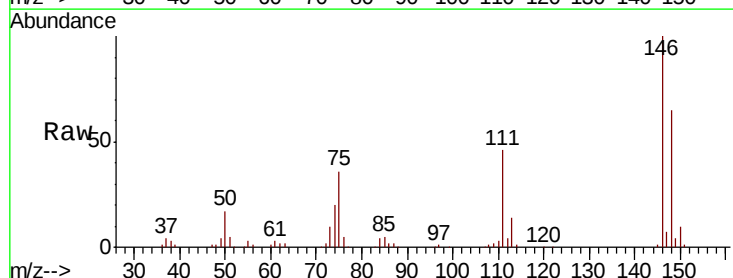
Manual Integrations
APPROVED

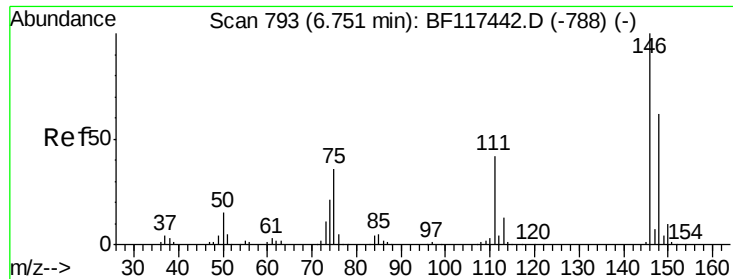
mohammad
10/23/2019 8:05:59 AM



#12
1,3-Dichlorobenzene
Concen: 43.061 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	146	Resp	148774
Ion Ratio	100	Lower	Upper
146	100		
148	65.2	50.6	75.8
75	35.6	28.6	43.0





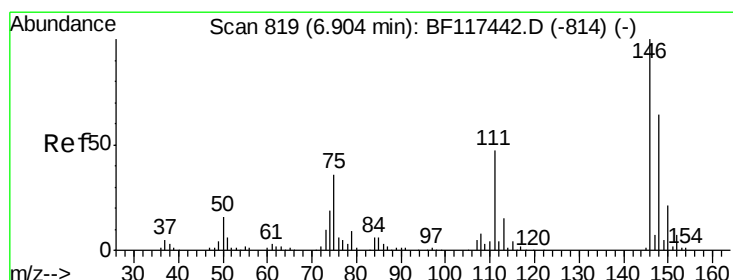
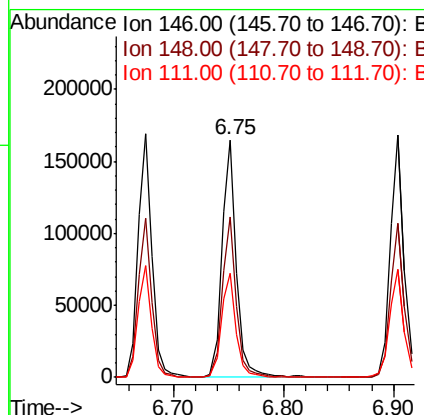
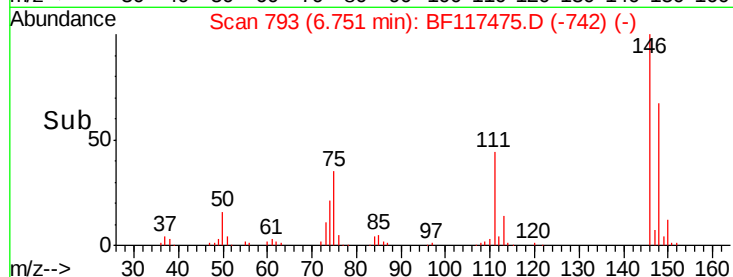
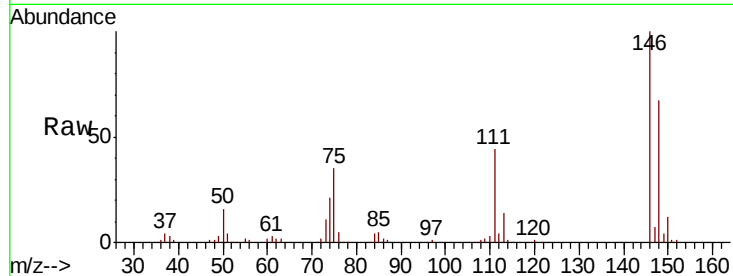
#13
 1,4-Dichlorobenzene
 Concen: 42.875 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.4	49.3	73.9
111	44.0	33.6	50.4

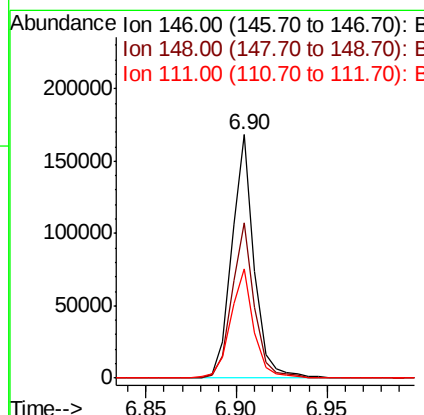
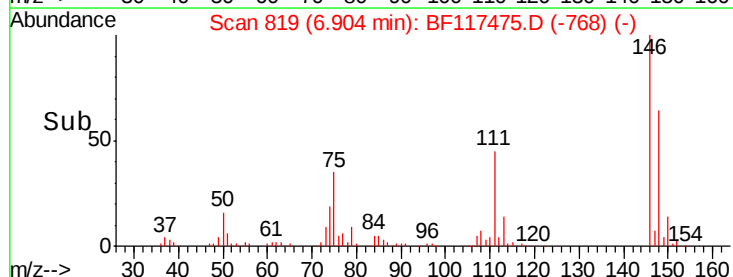
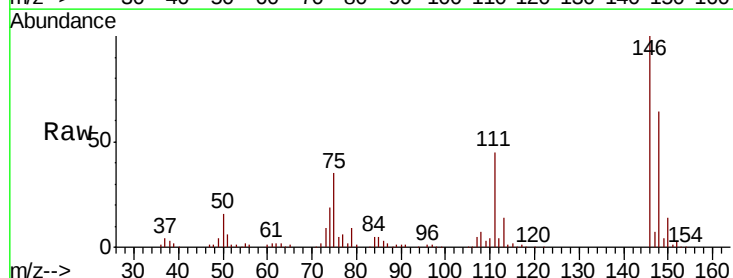
Manual Integrations
 APPROVED

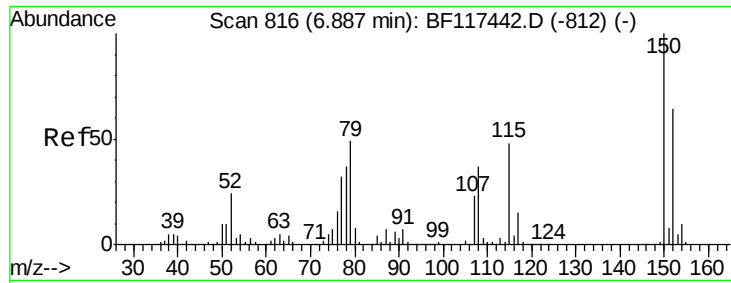
mohammad
 10/23/2019 8:05:59 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.672 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	44.7	37.7	56.5





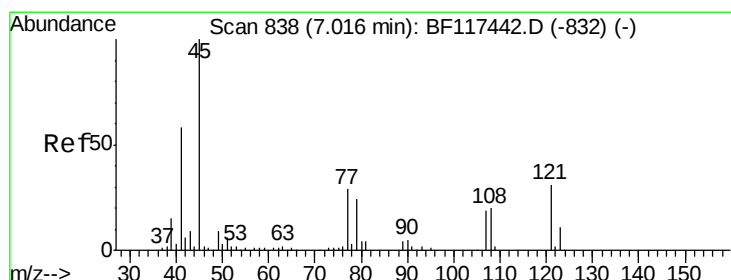
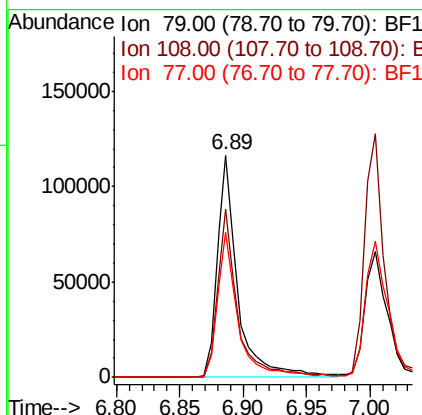
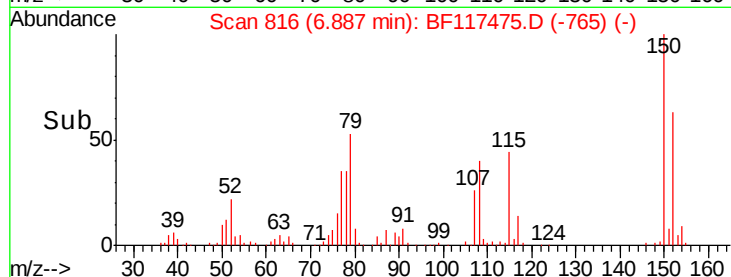
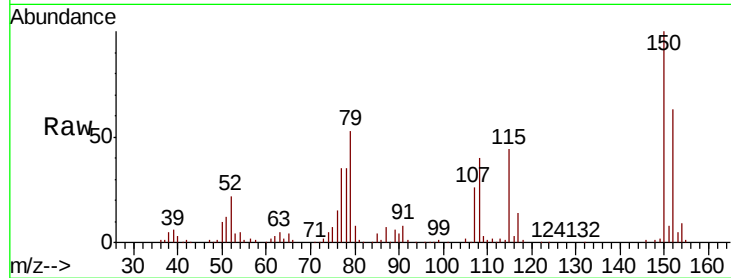
#15
Benzyl Alcohol
Concen: 46.911 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	59.8	89.8
77	65.4	51.4	77.0

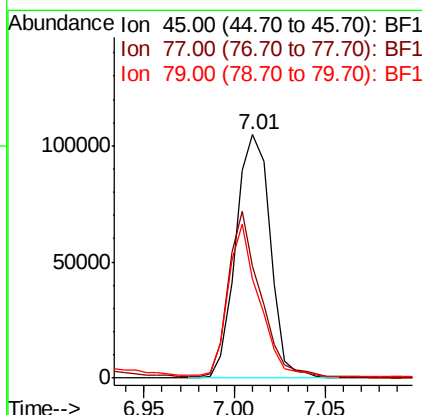
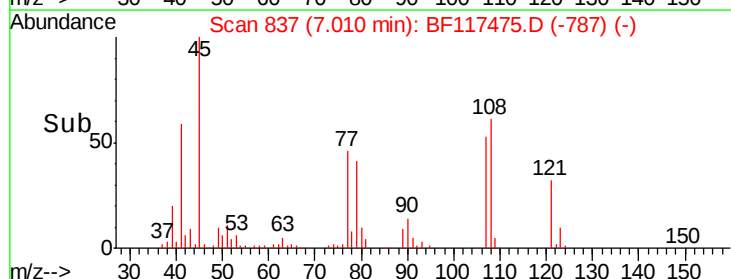
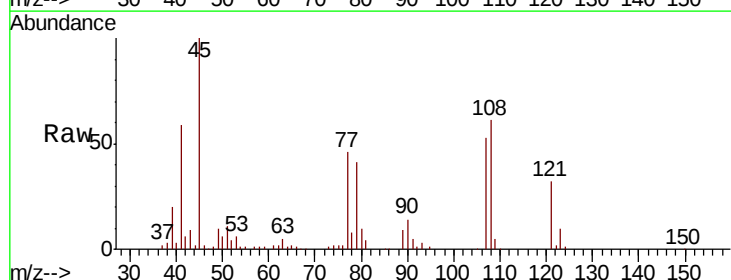
Manual Integrations
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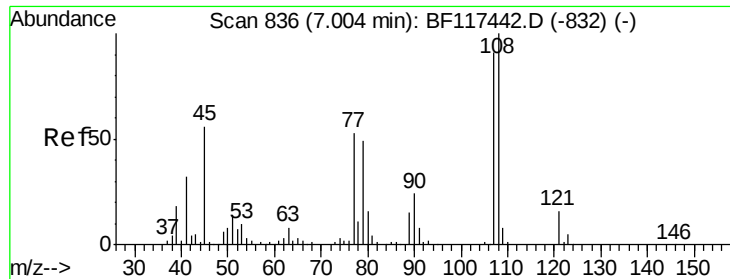
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.164 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	46.0	9.9	49.9
79	40.8	5.5	45.5





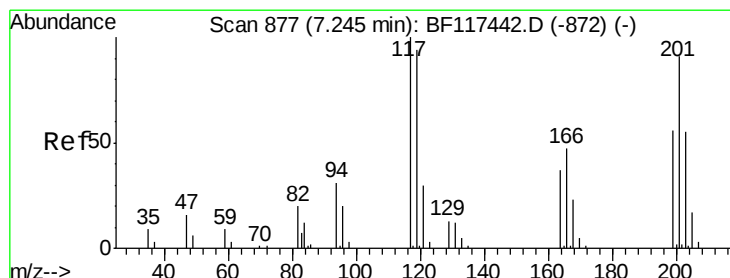
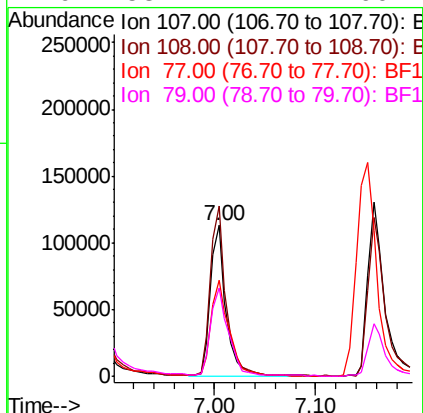
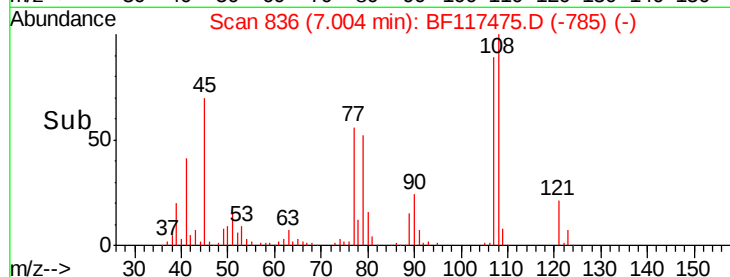
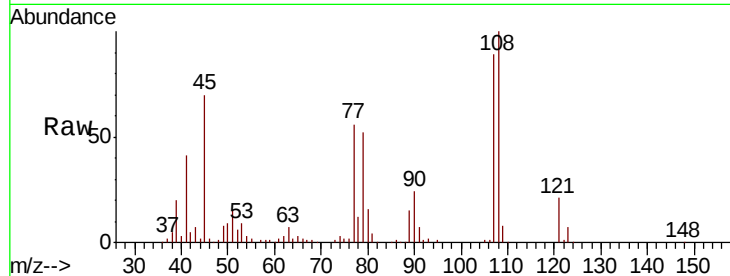
#17
2-Methylphenol
Concen: 48.084 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleID :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	88.0	132.0	
77	63.4	47.2	70.8	
79	58.4	44.1	66.1	

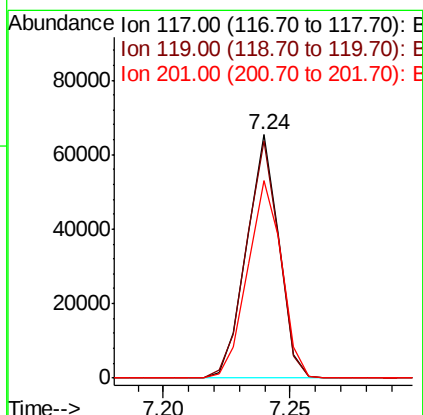
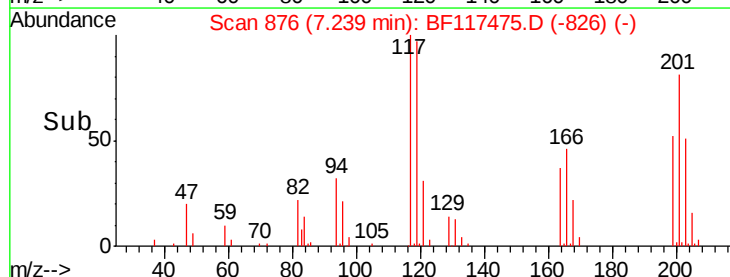
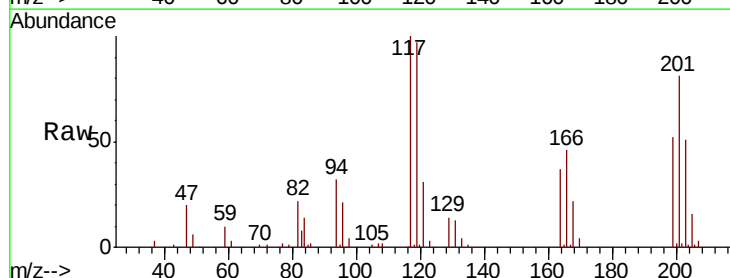
Manual Integrations
APPROVED

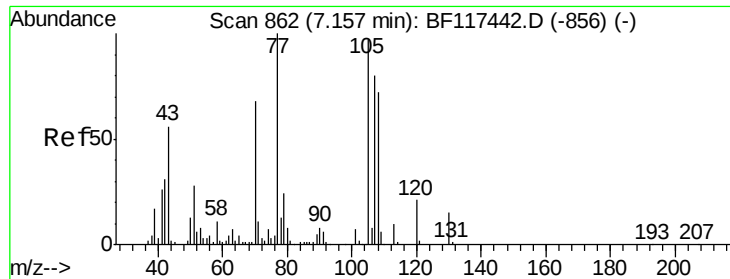
mohammad
10/23/2019 8:05:59 AM



#18
Hexachloroethane
Concen: 42.256 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.4	113.0	
201	81.1	72.5	108.7	





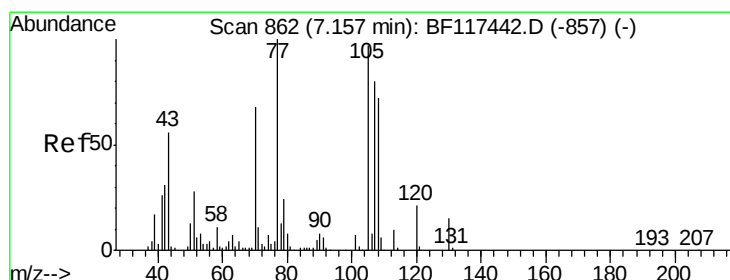
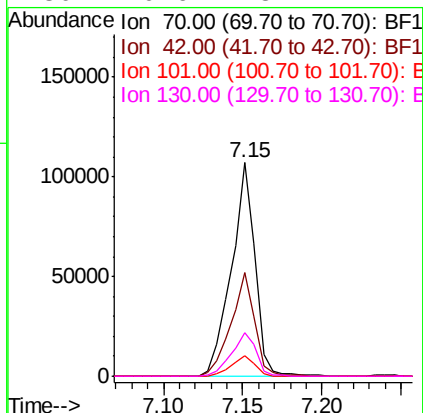
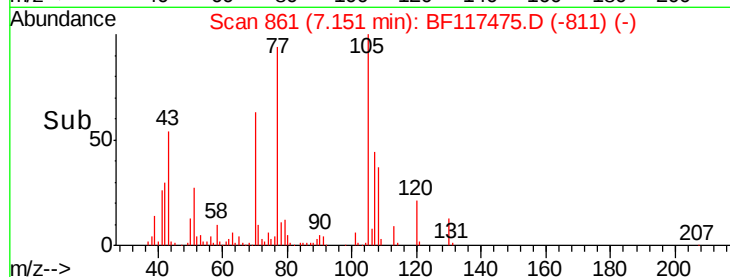
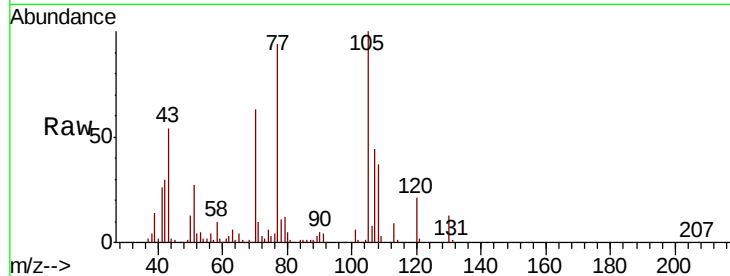
#19
n-Nitroso-di-n-propylamine
Concen: 45.947 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.5	36.7	55.1
101	9.3	8.3	12.5
130	20.6	18.1	27.1

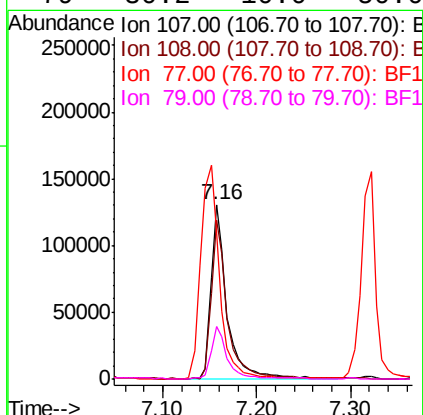
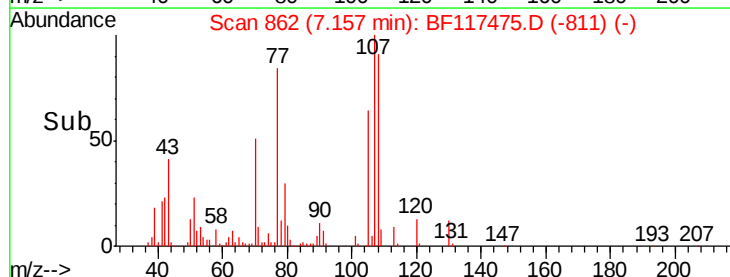
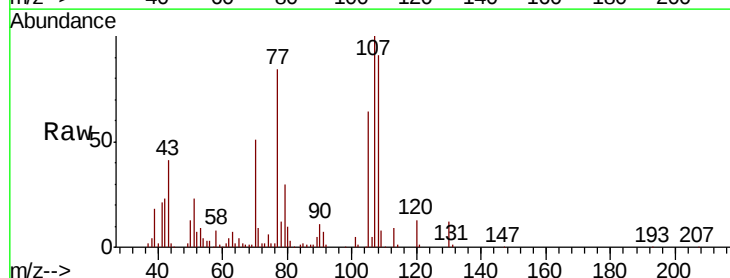
Manual Integrations
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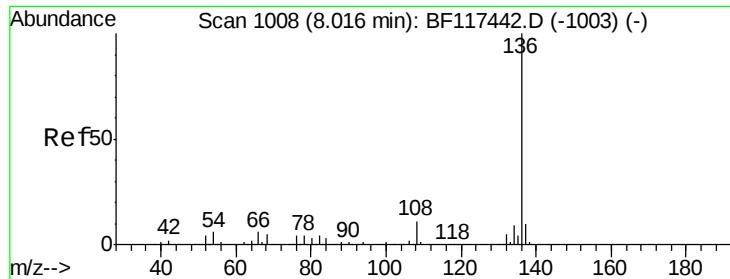
mohammad
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#20
3+4-Methylphenols
Concen: 47.468 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.3	110.3
77	83.5	104.8	144.8#
79	30.2	10.0	50.0





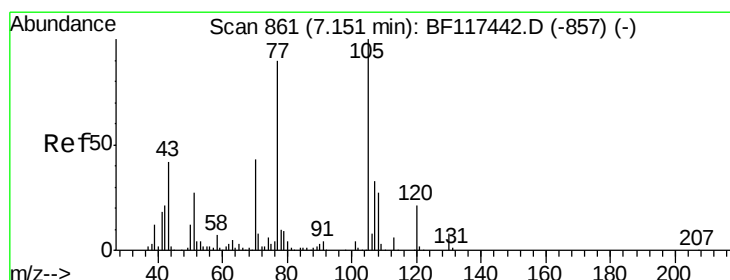
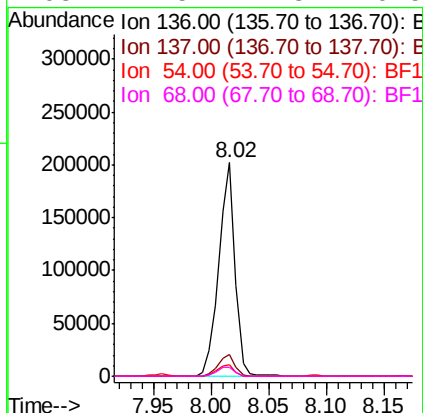
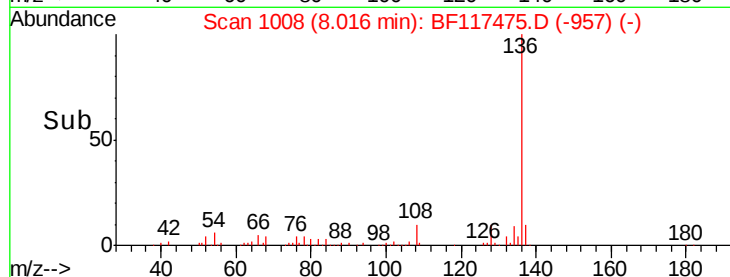
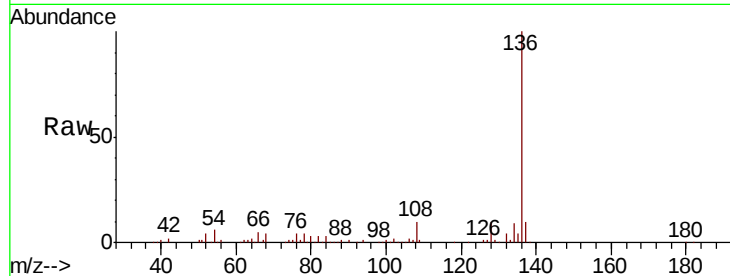
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		197543		
137	10.0	8.2	12.4		
54	5.6	4.5	6.7		
68	4.5	4.3	6.5		

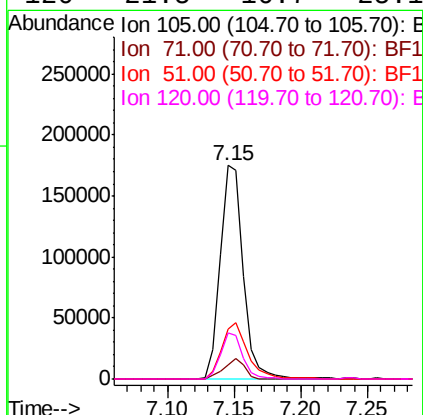
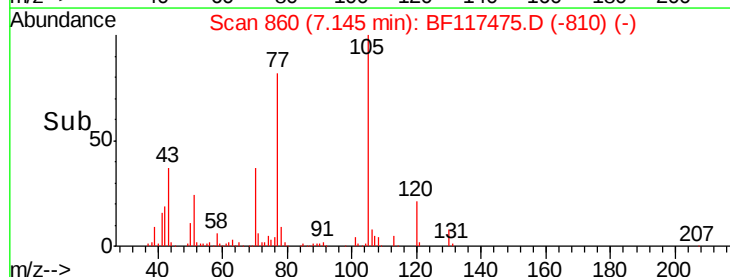
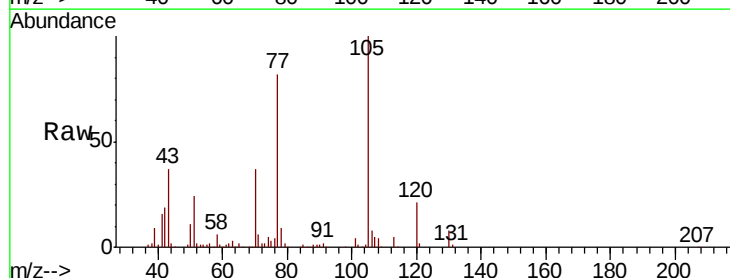
Manual Integrations
APPROVED

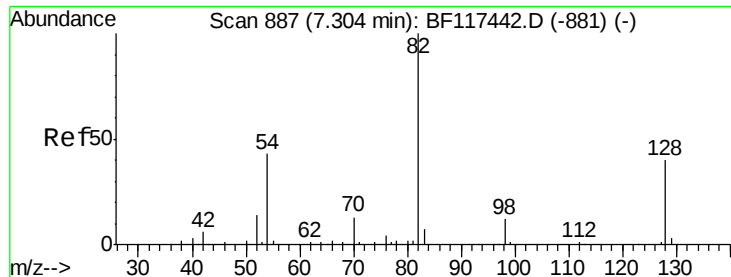
mohammad
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#22
Acetophenone
Concen: 40.858 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		214323		
71	6.5	6.2	9.2		
51	23.6	21.8	32.6		
120	21.5	16.7	25.1		





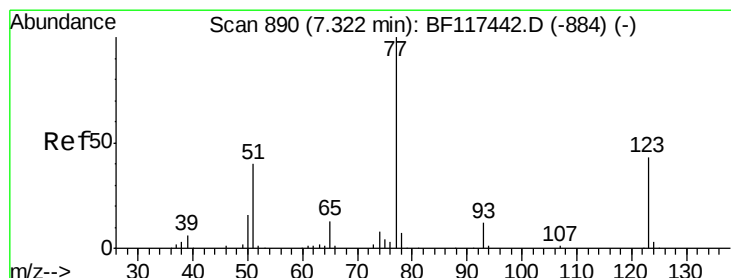
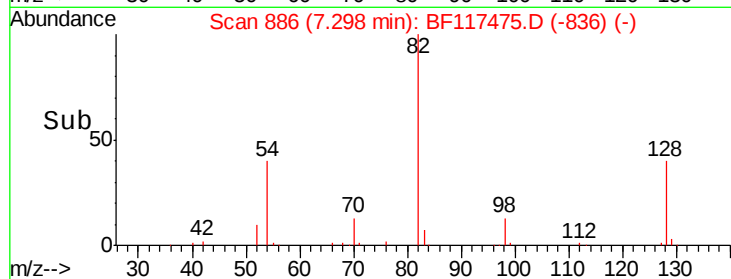
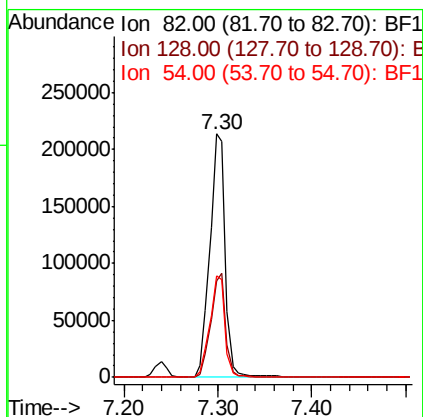
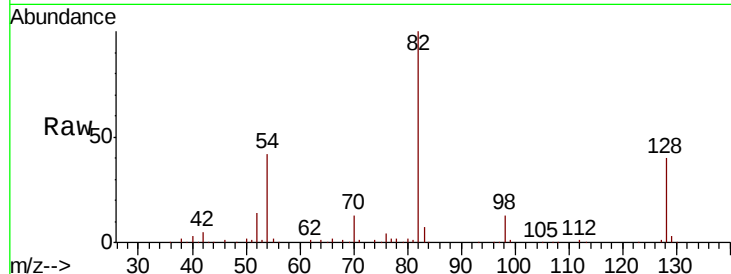
#23
Nitrobenzene-d5
Concen: 62.559 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	32.2	48.2	
54	41.9	34.2	51.2	

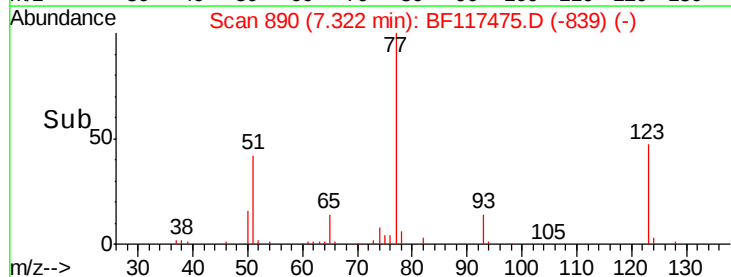
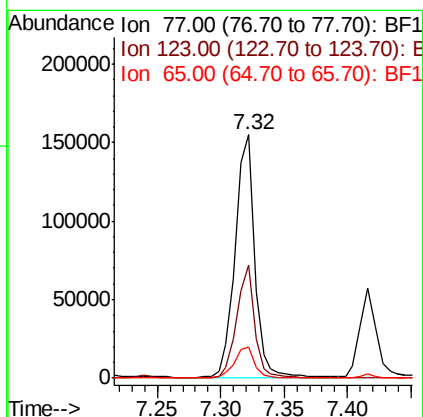
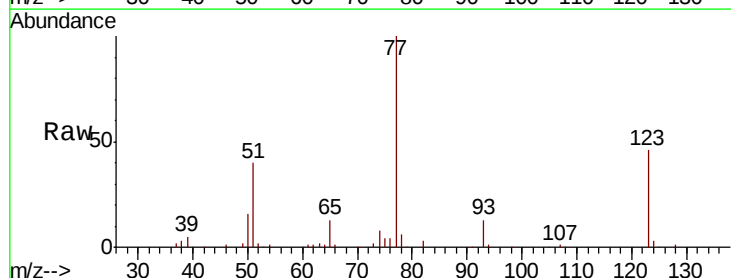
Manual Integrations
APPROVED

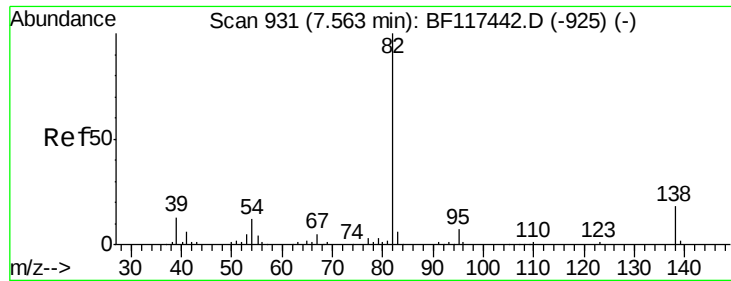
mohammad
10/23/2019 8:05:59 AM



#24
Nitrobenzene
Concen: 43.820 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	34.2	51.2	
65	12.6	10.3	15.5	





#25

Isophorone

Concen: 44.287 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

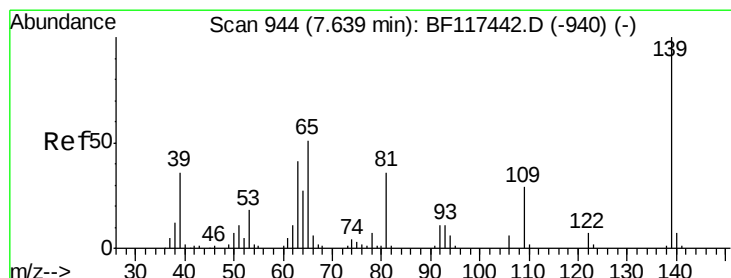
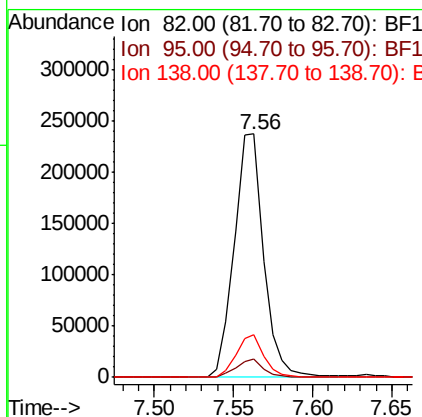
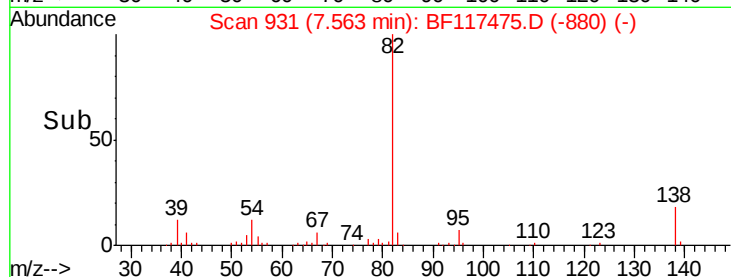
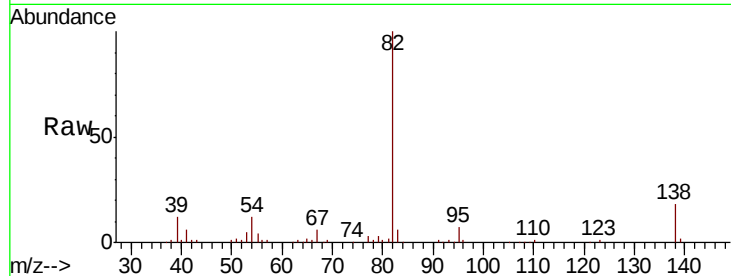
PB124054BSD

Tot Ion: 82 Resp: 306560

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.4	8.0
138	17.8	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.703 ng

RT: 7.64 min Scan# 944

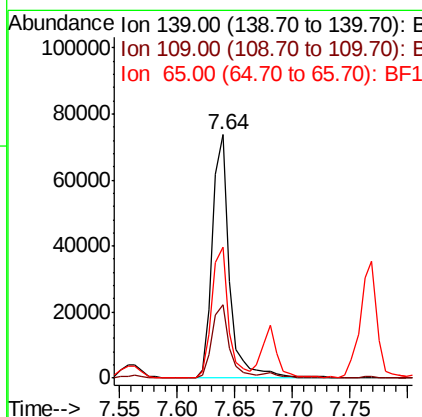
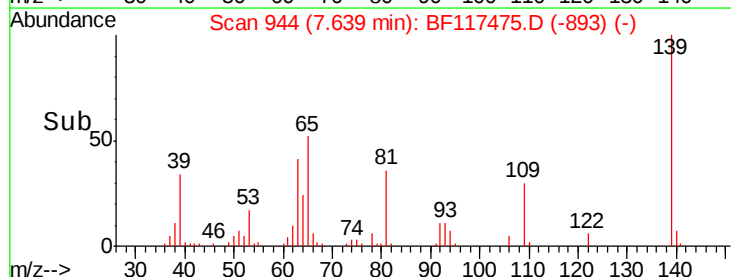
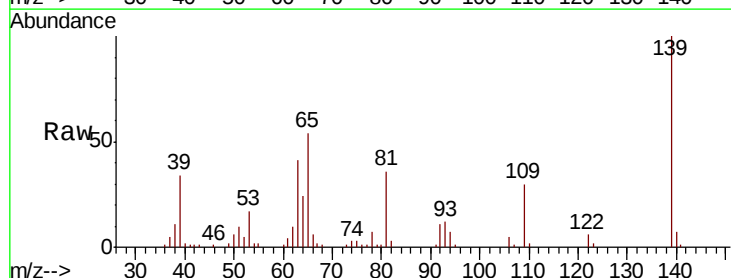
Delta R.T. -0.00 min

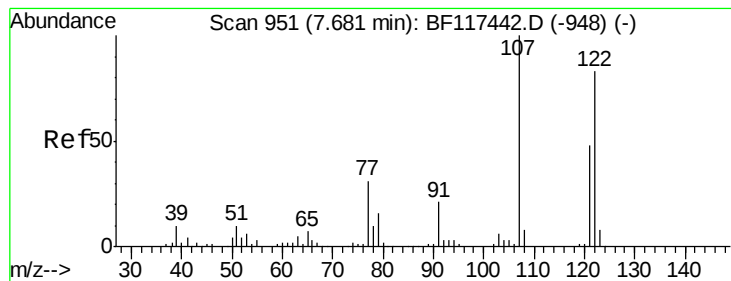
Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Tgt Ion: 139 Resp: 76412

Ion	Ratio	Lower	Upper
139	100		
109	30.2	23.2	34.8
65	53.6	41.1	61.7





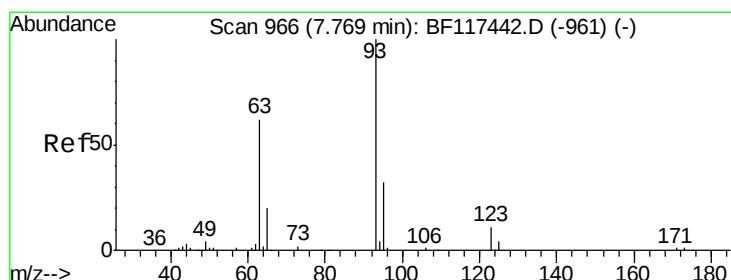
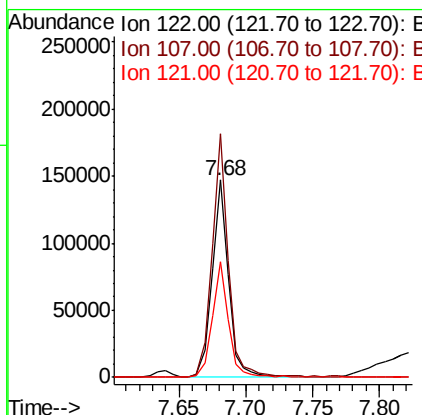
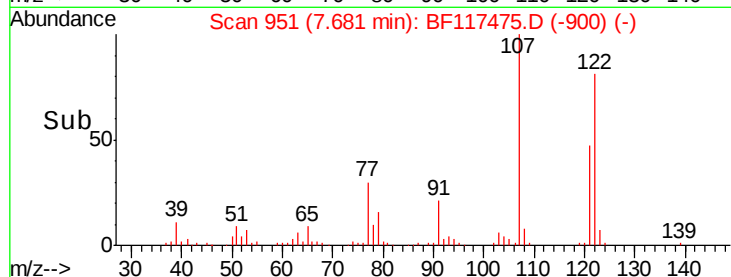
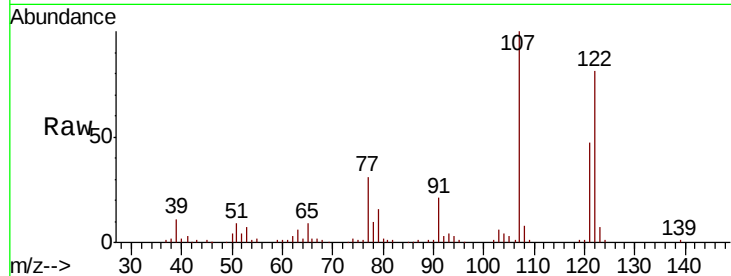
#27
2,4-Dimethylphenol
Concen: 50.131 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	128063		
107	123.6	96.8	145.2	
121	58.4	46.4	69.6	

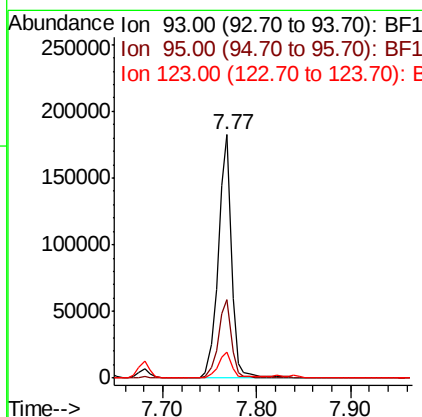
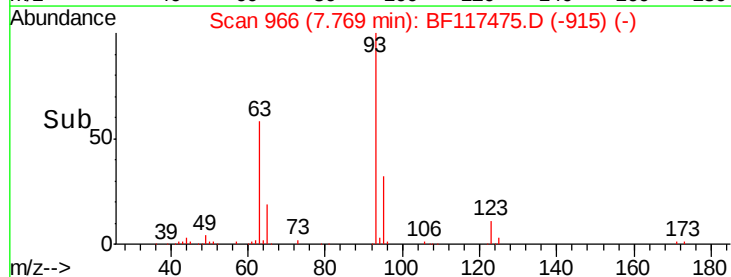
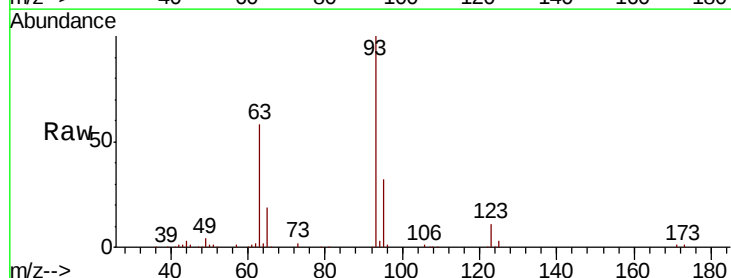
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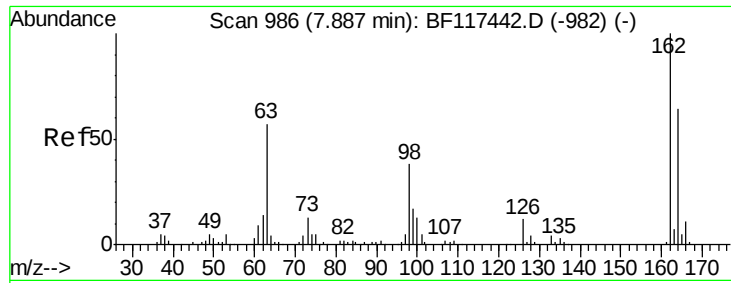
mohammad
10/23/2019 8:05:59 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.430 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	181234		
95	32.4	25.5	38.3	
123	10.6	9.0	13.6	





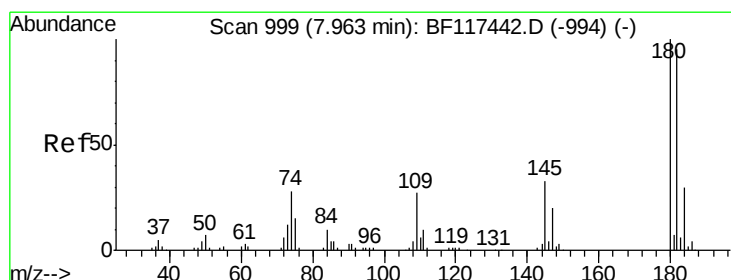
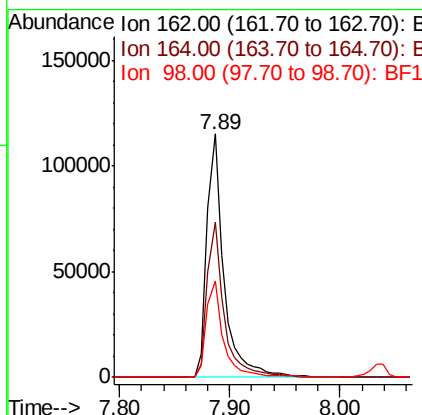
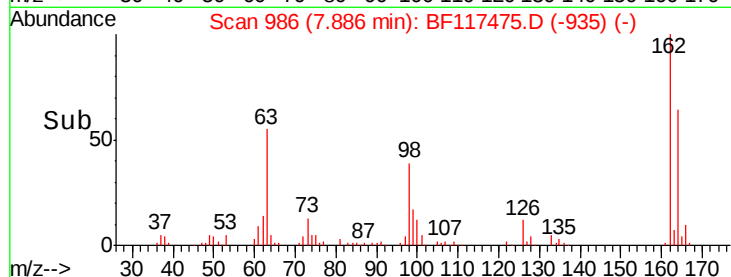
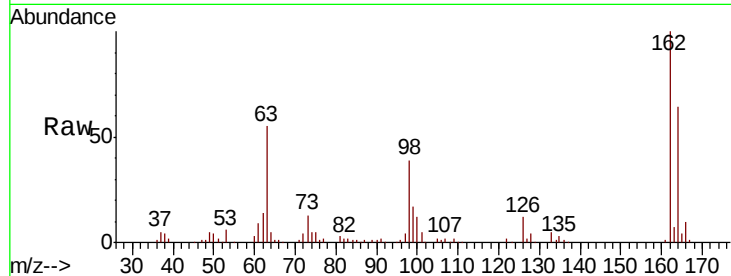
#29
2,4-Dichlorophenol
Concen: 44.871 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.4	84.4
98	39.5	18.2	58.2

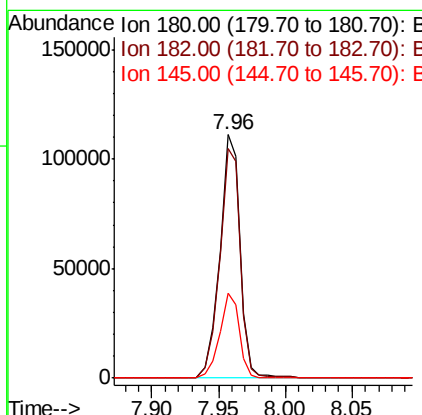
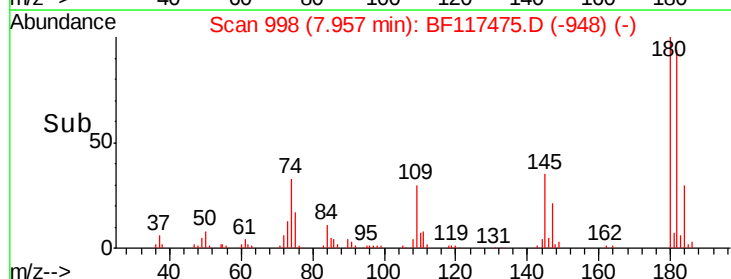
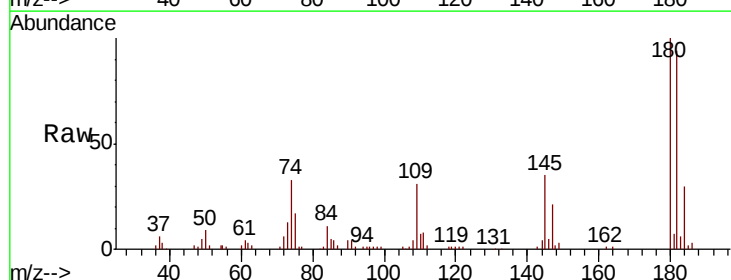
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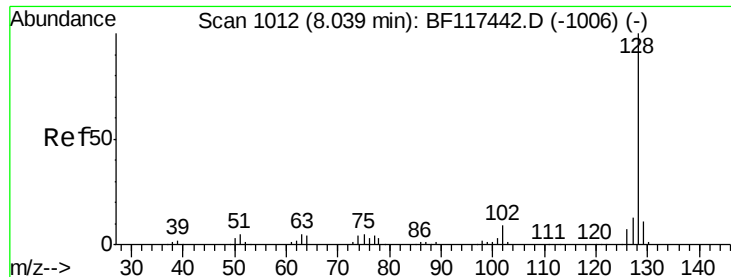
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.600 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	75.8	113.8
145	34.8	26.5	39.7





#31

Naphthalene

Concen: 43.213 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

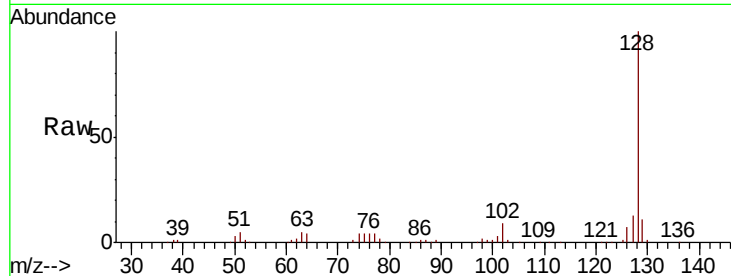
ClientSampleId :

PB124054BSD

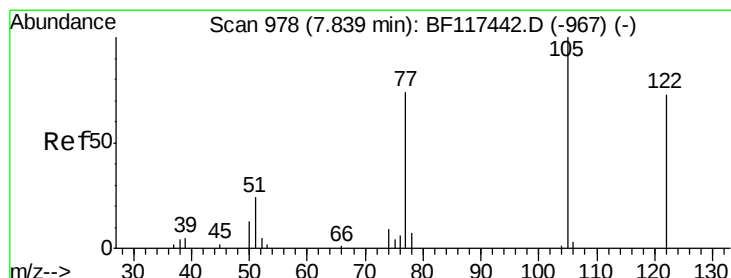
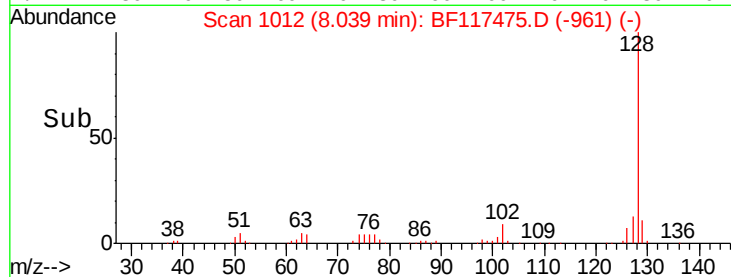
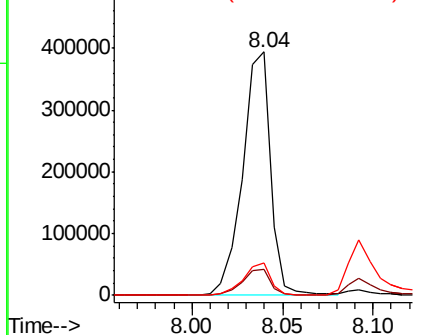
Tot Ion:	128	Resp:	423126
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.4
127	13.2	10.2	15.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.697 ng

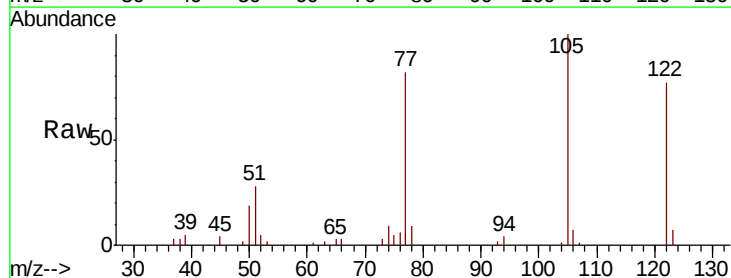
RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

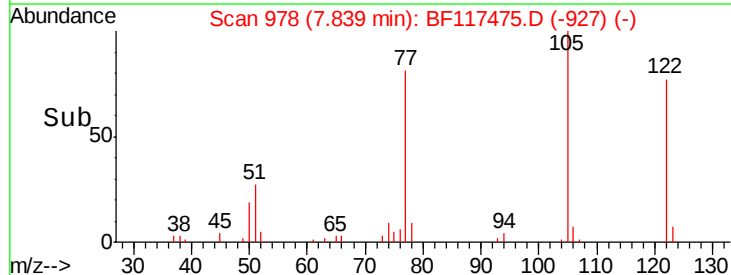
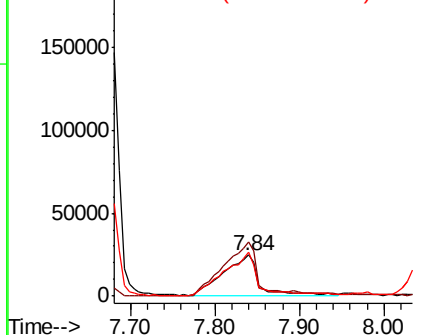
Lab File: BF117475.D

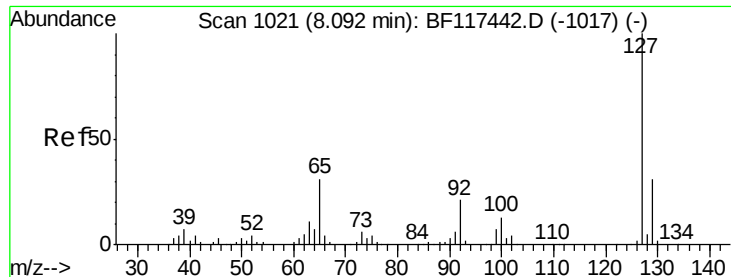
Acq: 22 Oct 2019 13:46

Tgt Ion:	122	Resp:	69459
Ion Ratio	Lower	Upper	
122	100		
105	130.0	115.0	155.0
77	106.8	79.7	119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





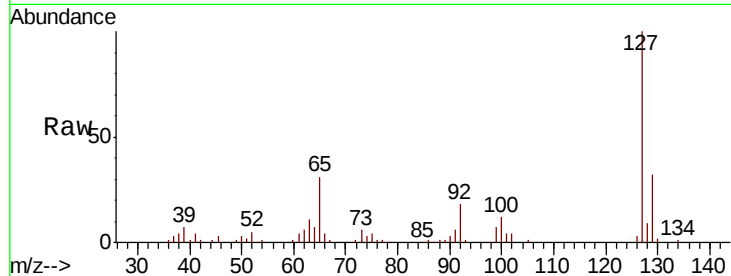
#33
4-Chloroaniline
Concen: 26.139 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

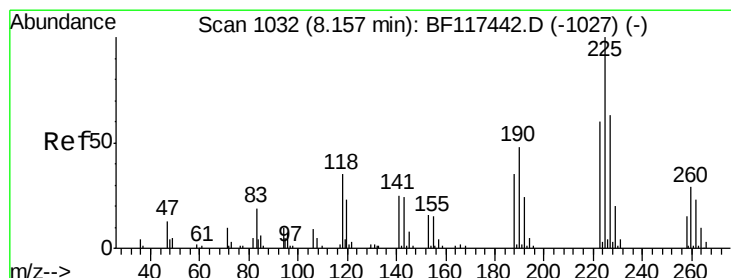
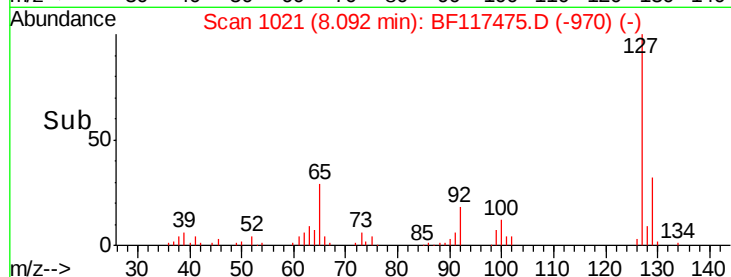
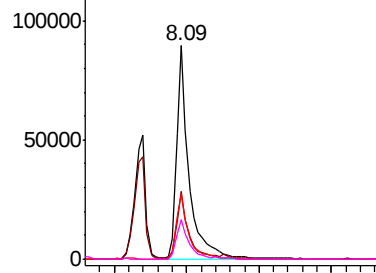
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		108015		
129	32.0	24.8	37.2		
65	30.5	24.6	37.0		
92	18.5	16.5	24.7		

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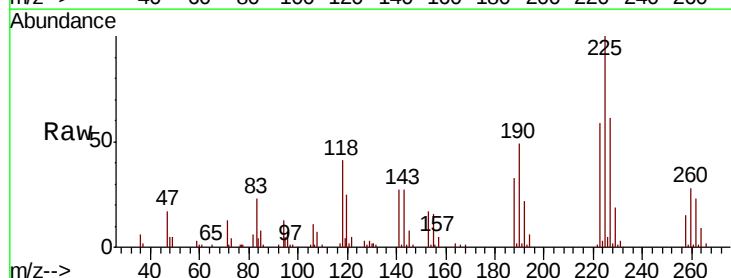


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

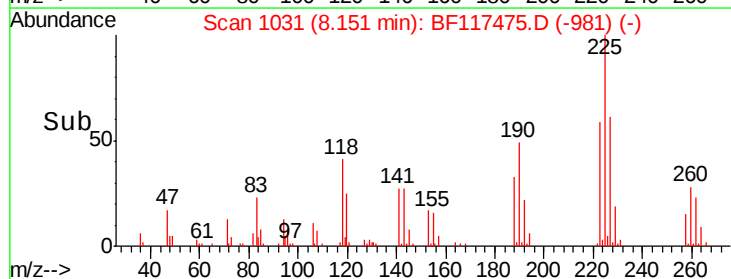
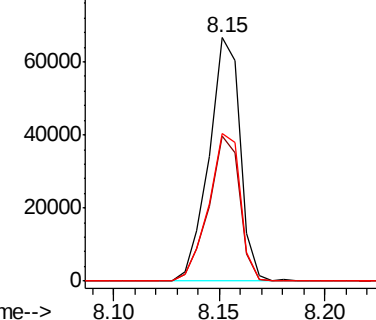


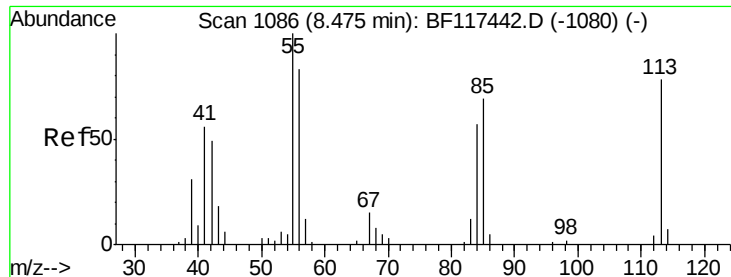
#34
Hexachlorobutadiene
Concen: 40.804 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		67909		
223	59.3	48.2	72.4		
227	60.6	50.2	75.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.525 ng/mL

RT: 8.47 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleID :

PB124054BSD

Tot Ion: 113 Resp: 37464

Ion Ratio Lower Upper

113 100

55 135.1 108.8 148.8

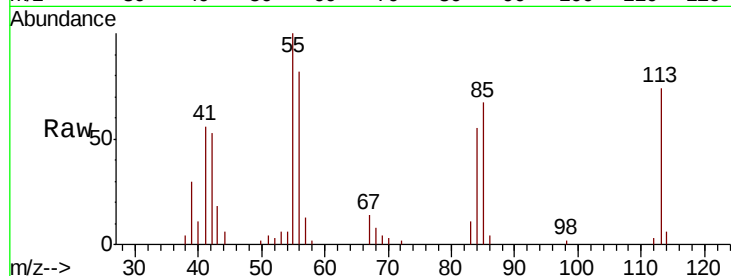
56 110.6 87.2 127.2

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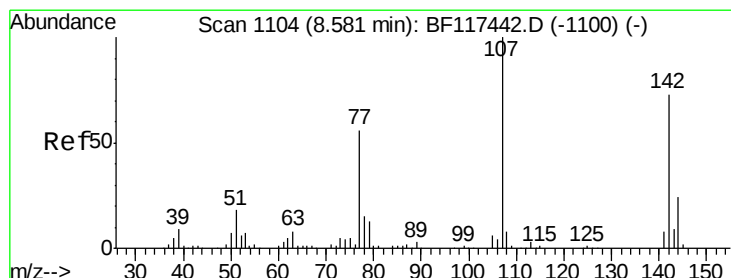
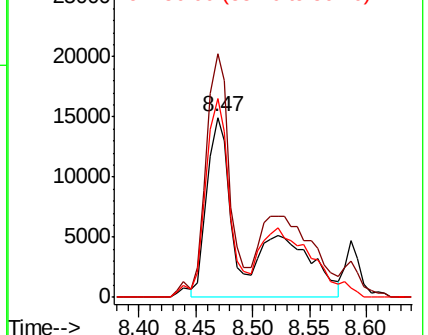
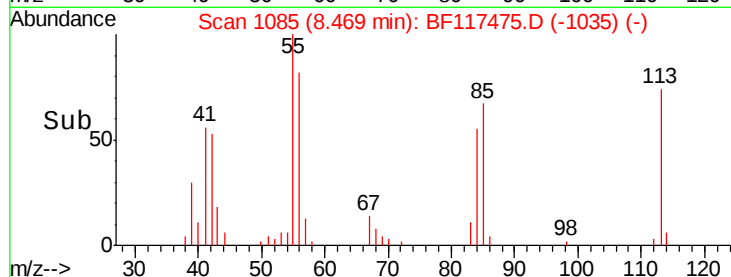
10/23/2019 8:05:59 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.451 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

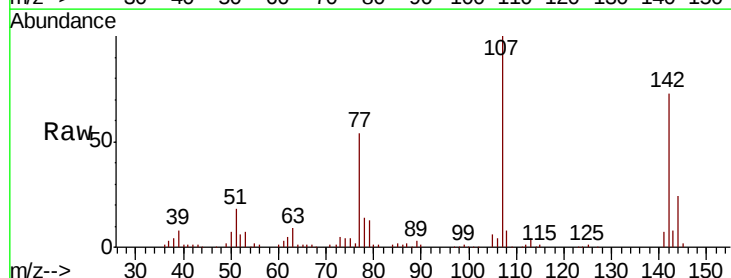
Tgt Ion: 107 Resp: 138891

Ion Ratio Lower Upper

107 100

144 23.8 18.9 28.3

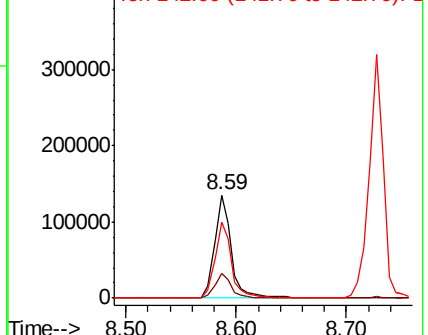
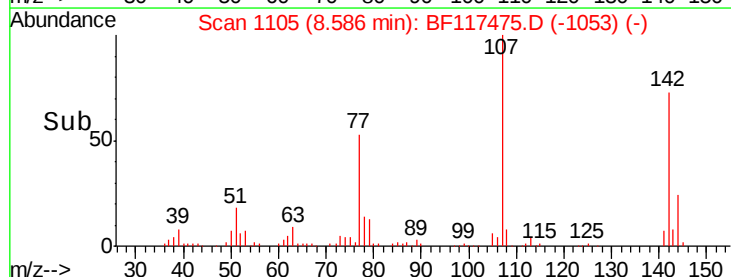
142 73.3 58.6 88.0

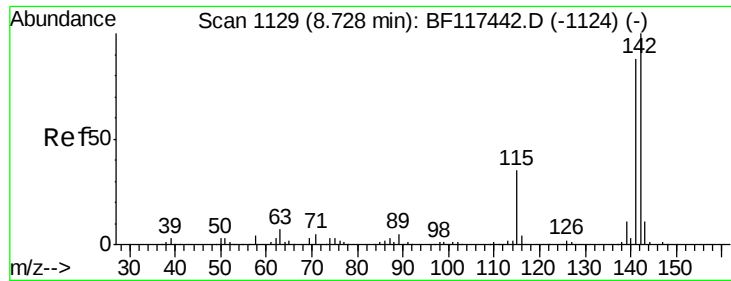


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





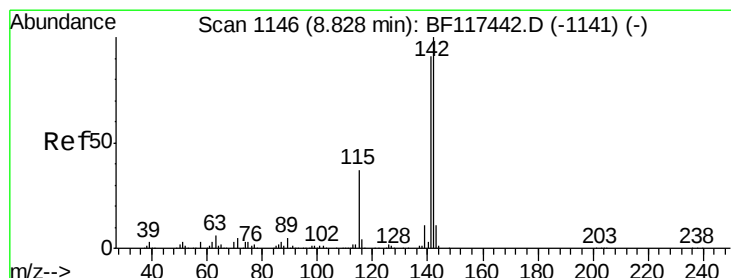
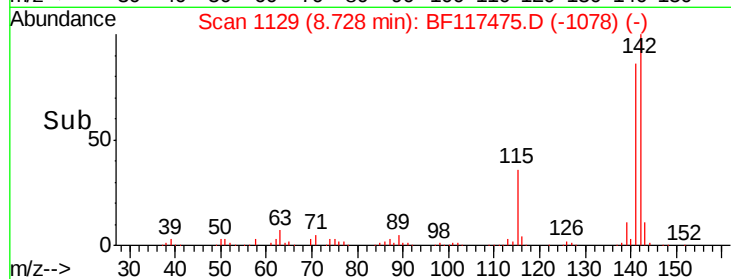
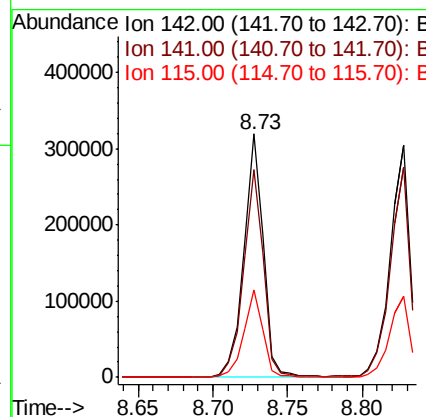
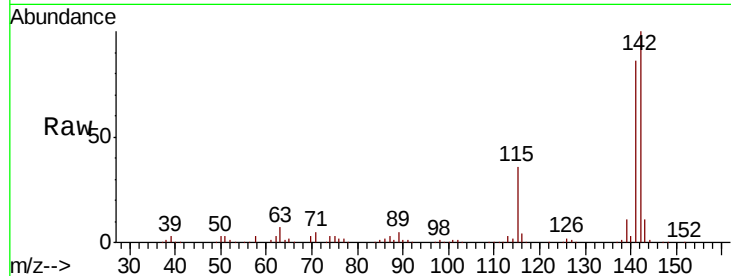
#37
2-Methylnaphthalene
Concen: 43.984 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.3	105.5
115	35.7	28.2	42.2

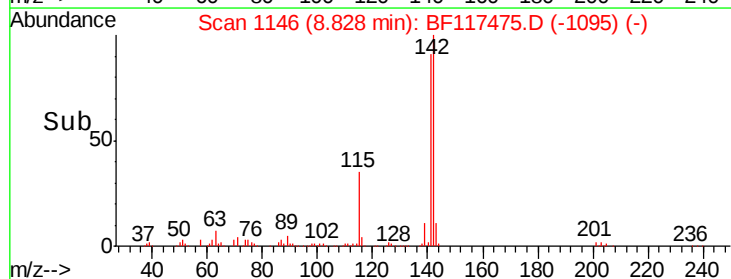
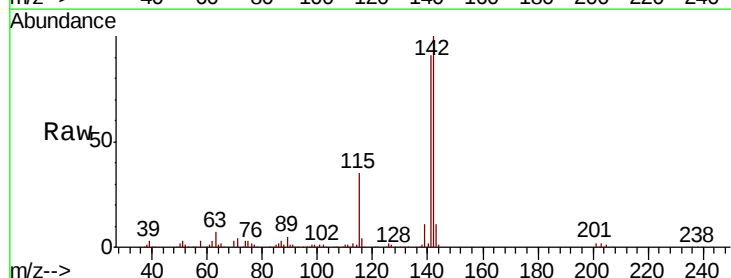
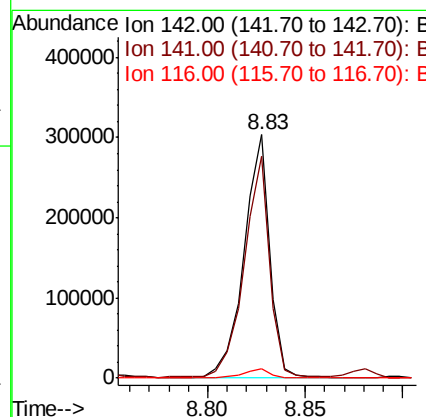
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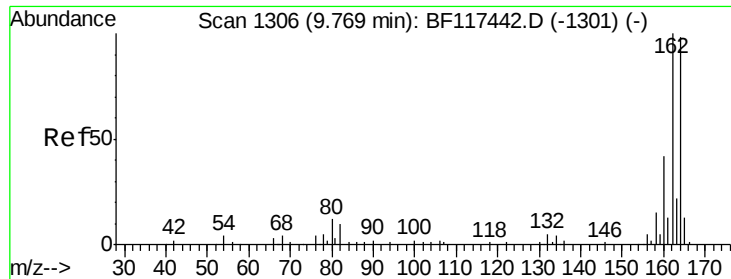
mohammad
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#38
1-Methylnaphthalene
Concen: 44.406 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.3	109.9
116	3.6	3.1	4.7





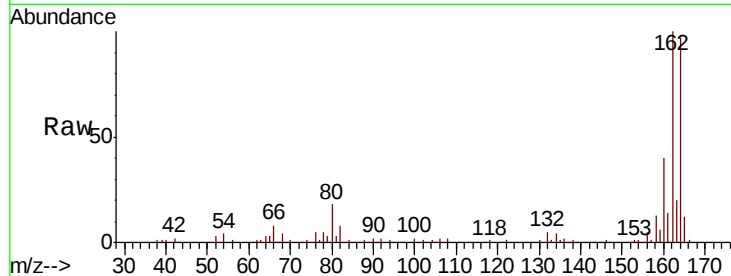
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	41.0	34.4	51.6

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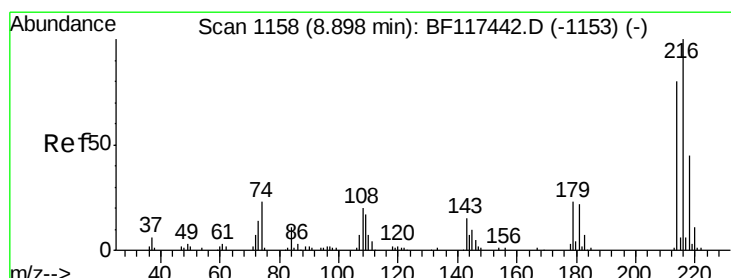
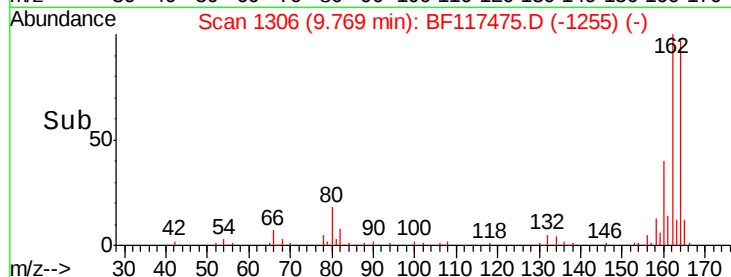
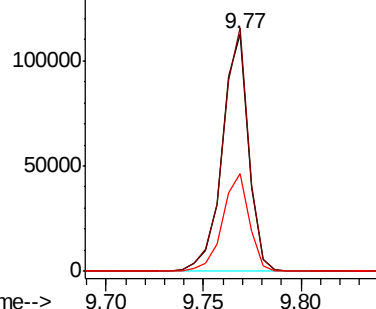


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.149 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.4	93.6
179	23.1	18.1	27.1
108	23.0	16.6	24.8

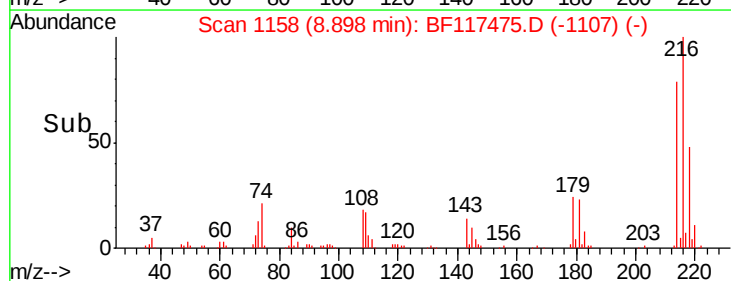
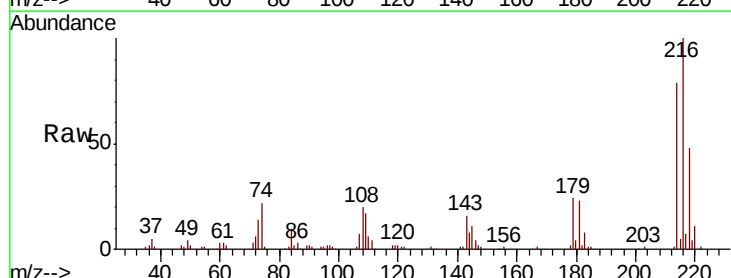
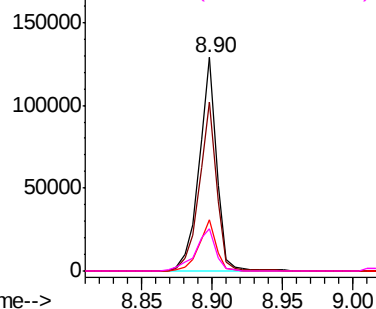
Abundance

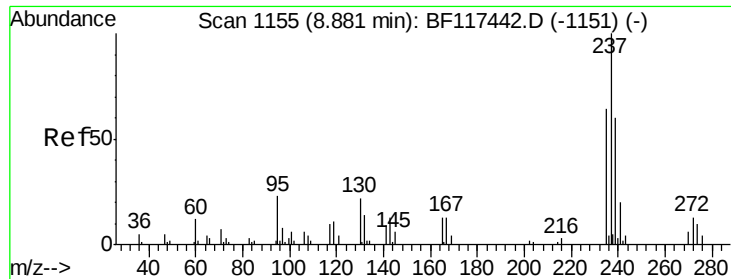
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.814 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

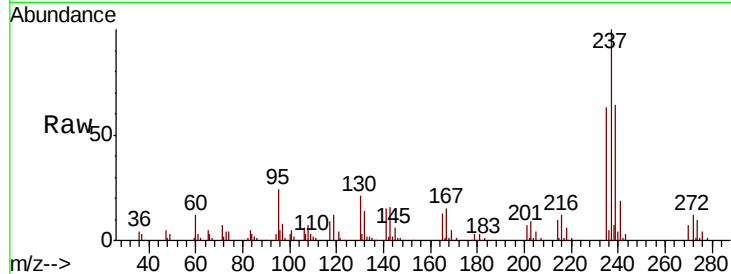
ClientSampleId :

PB124054BSD

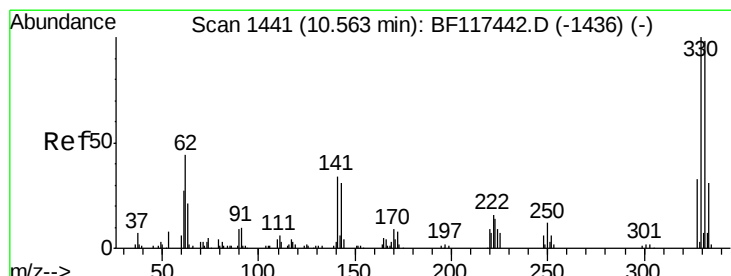
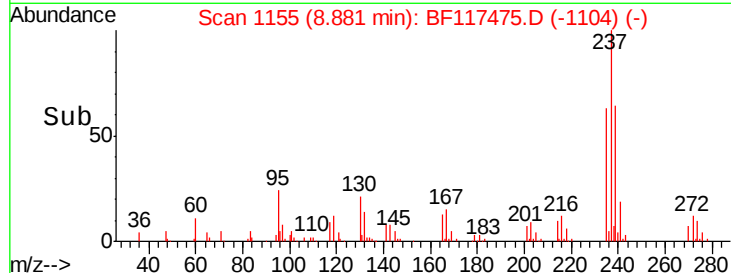
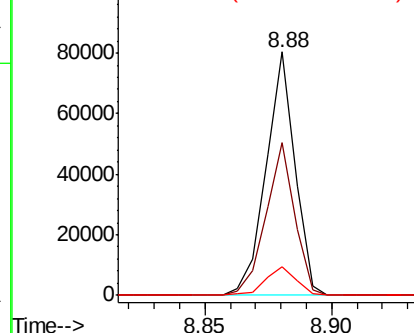
Tot Ion:	237	Resp:	63787
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.3	84.3
272	11.8	0.0	33.2

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.161 ng

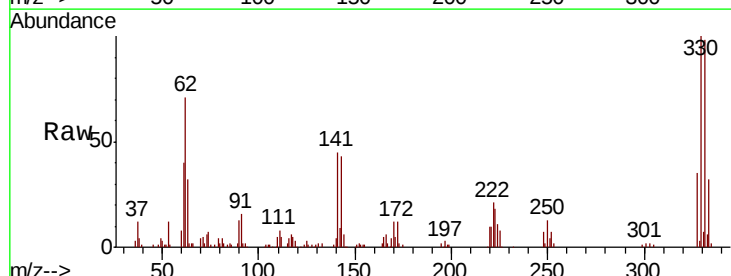
RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

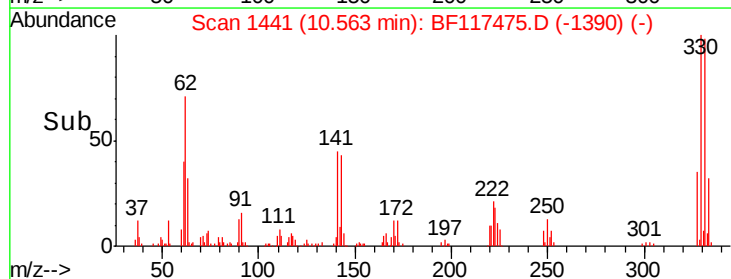
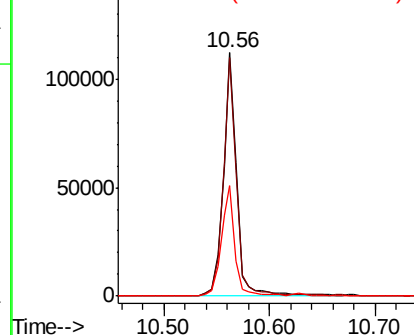
Lab File: BF117475.D

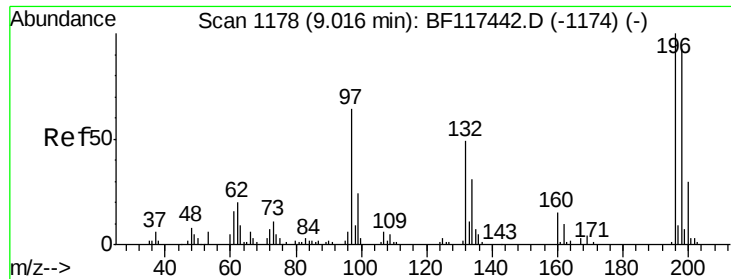
Acq: 22 Oct 2019 13:46

Tgt Ion:	330	Resp:	101266
Ion Ratio	Lower	Upper	
330	100		
332	97.6	78.5	117.7
141	45.6	37.0	55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





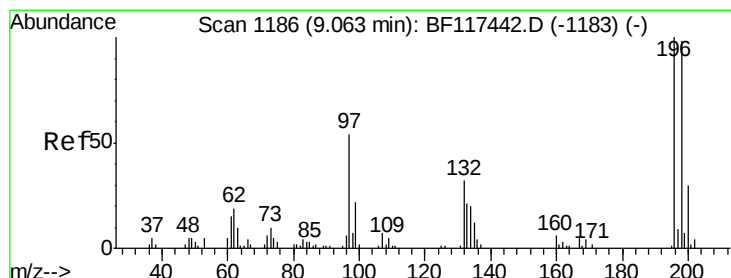
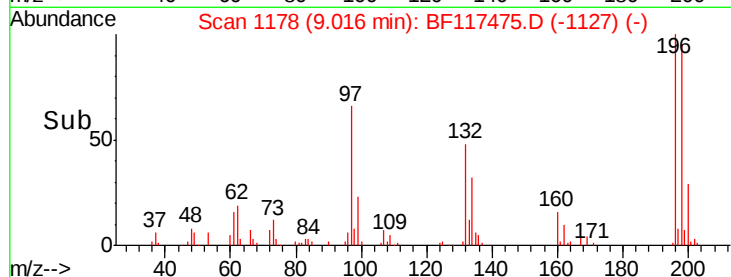
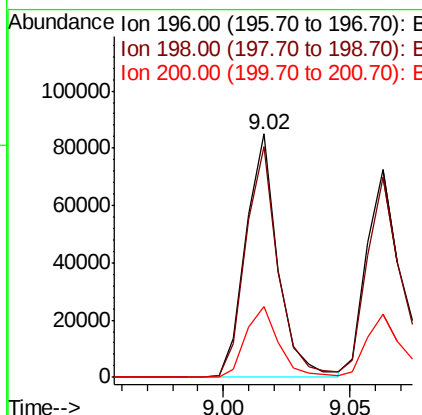
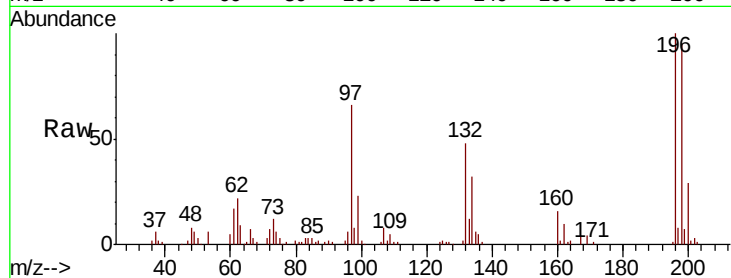
#43
 2,4,6-Trichlorophenol
 Concen: 42.149 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion:	196	Resp:	74849
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.1	111.1
200	29.2	23.9	35.9

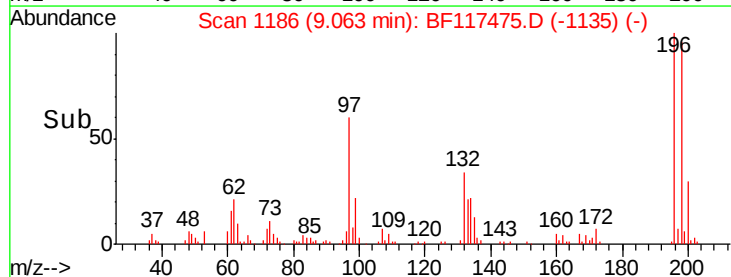
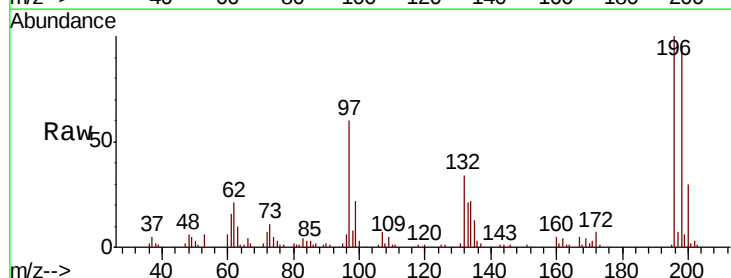
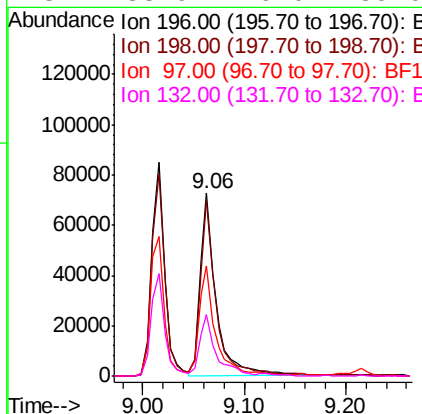
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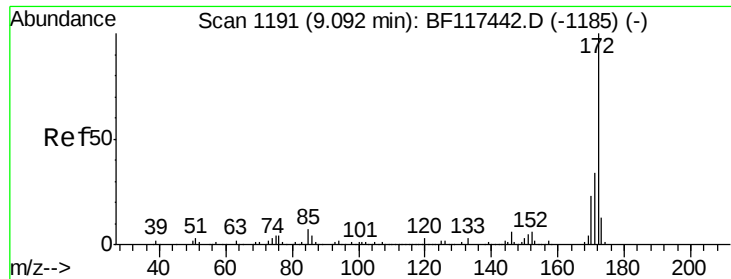
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.986 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion:	196	Resp:	79151
Ion Ratio	Lower	Upper	
196	100		
198	95.7	78.6	117.8
97	60.3	43.4	65.2
132	33.9	26.0	39.0





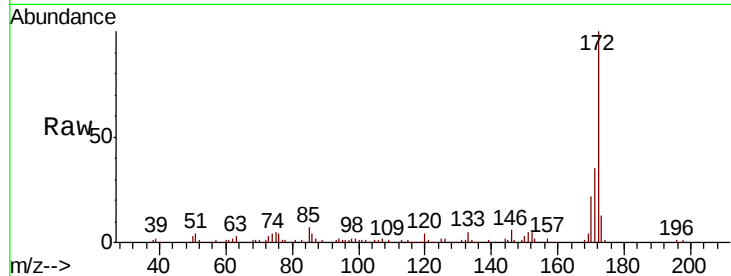
#45
2-Fluorobiphenyl
Concen: 61.107 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	456612		
171	34.9		27.5	41.3
170	22.4		18.6	27.8

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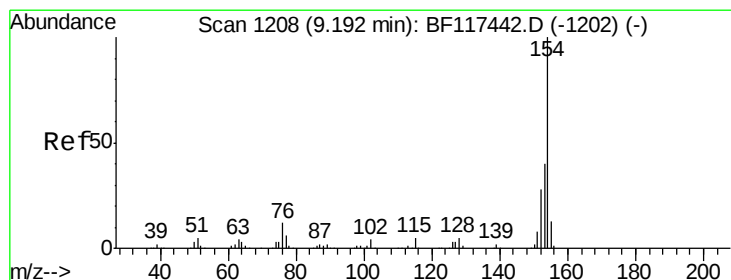
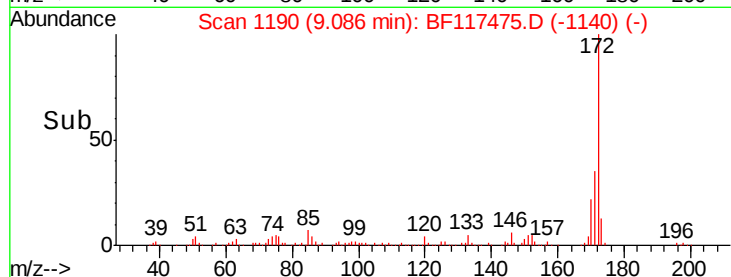
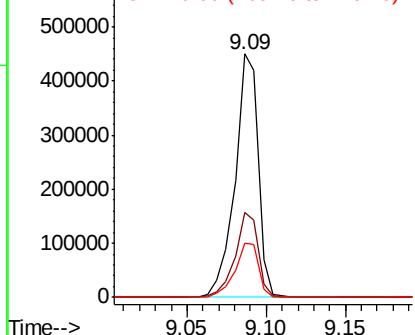


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.338 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

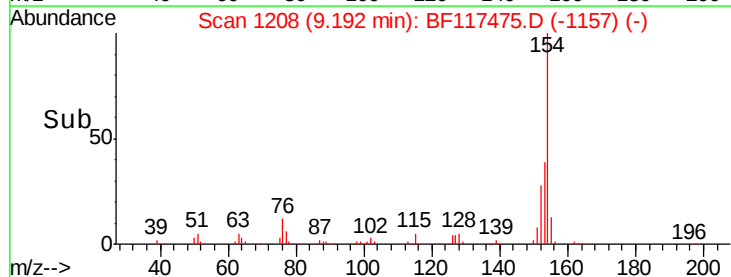
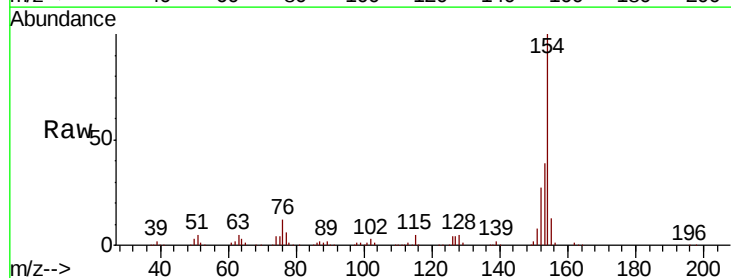
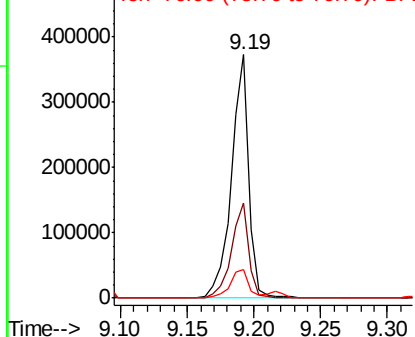
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	342876		
153	39.0		20.2	60.2
76	11.9		0.0	32.1

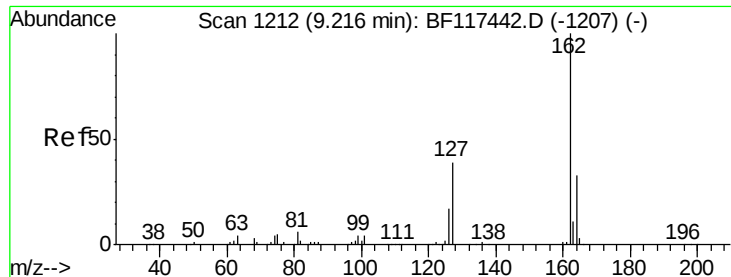
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





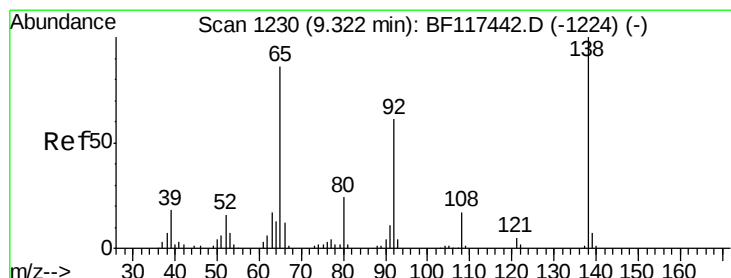
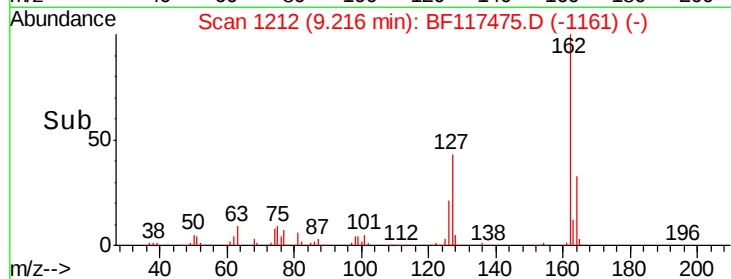
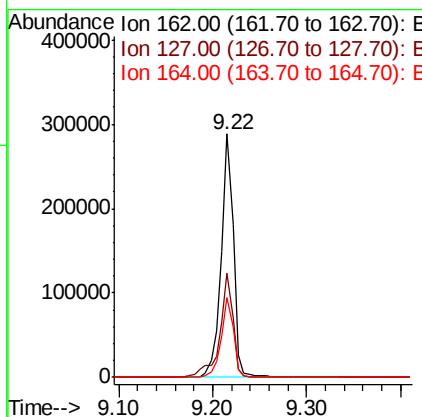
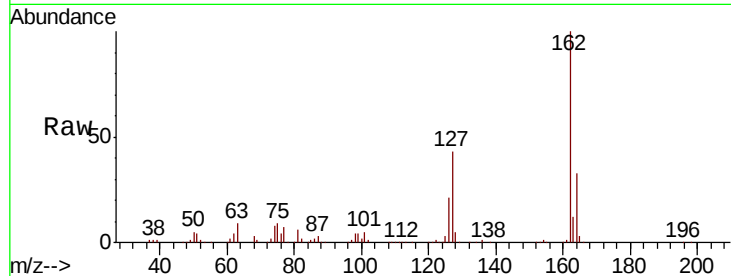
#47
 2-Chloronaphthalene
 Concen: 40.080 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	263399		
127	42.6		34.2	51.4
164	32.7		26.4	39.6

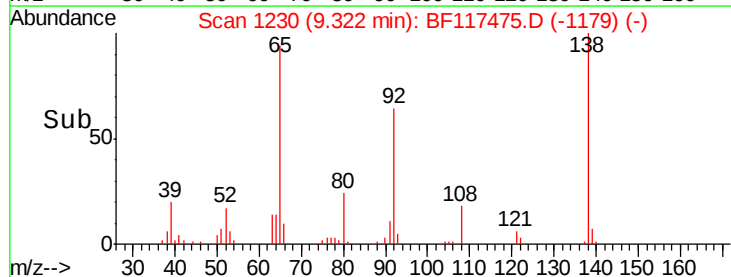
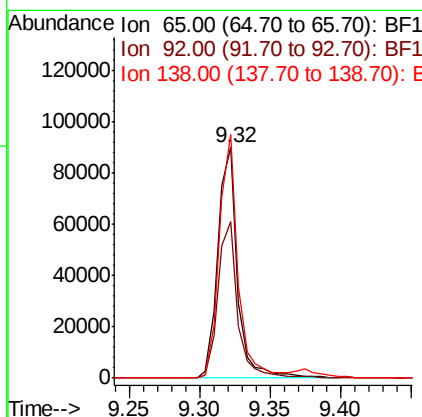
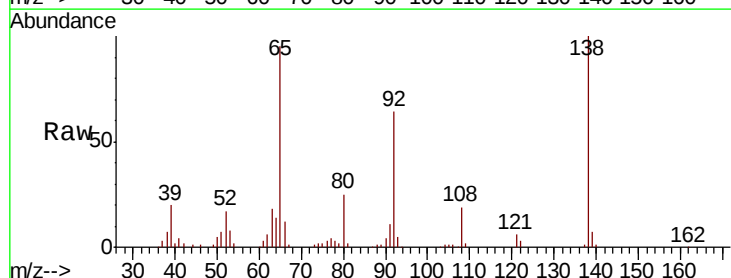
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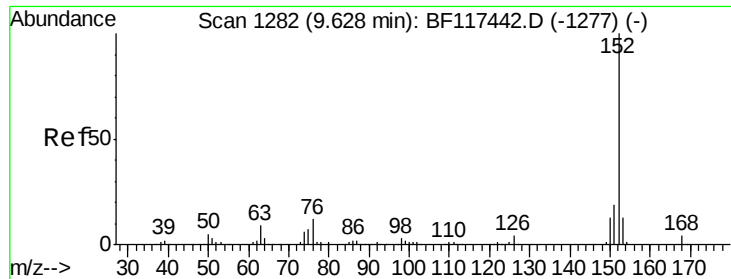
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#48
 2-Nitroaniline
 Concen: 40.617 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	87628		
92	68.0		57.3	85.9
138	105.7		93.3	139.9





#49

Acenaphthylene

Concen: 42.862 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

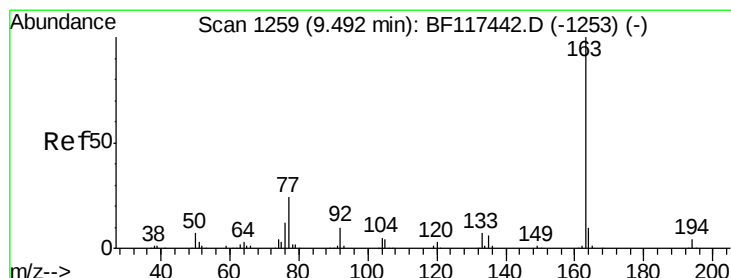
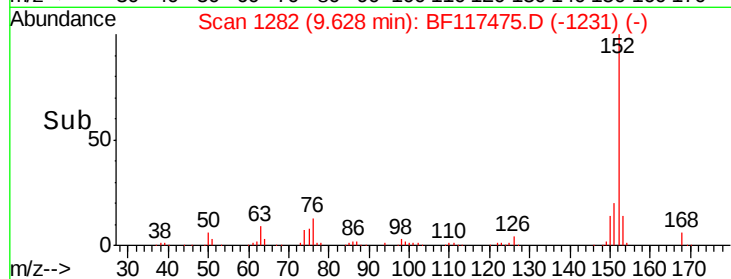
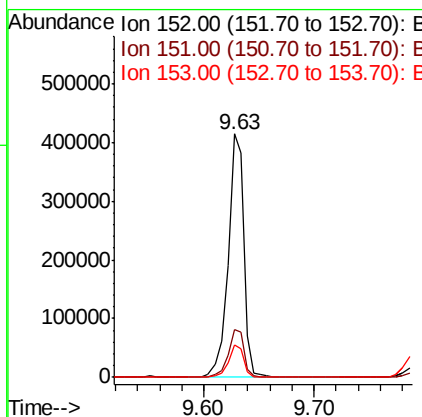
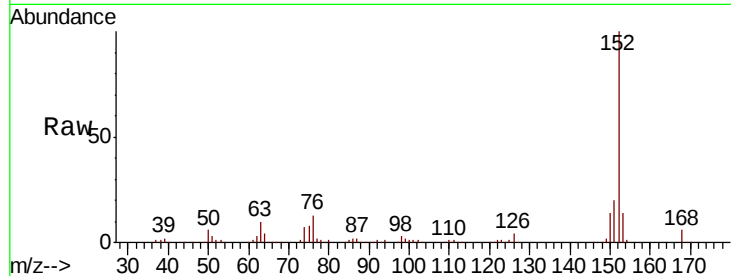
ClientSampled :

PB124054BSD

Tot Ion:	152	Resp:	413743
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.4	23.0
153	13.5	10.3	15.5

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#50

Dimethylphthalate

Concen: 41.826 ng

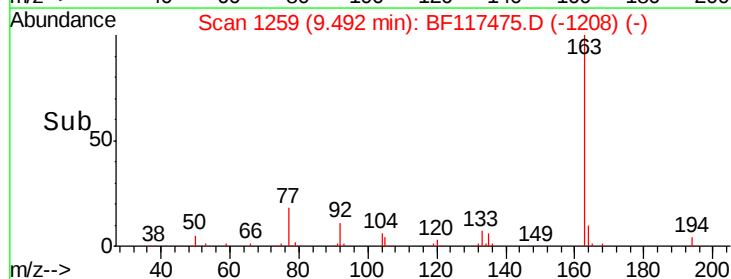
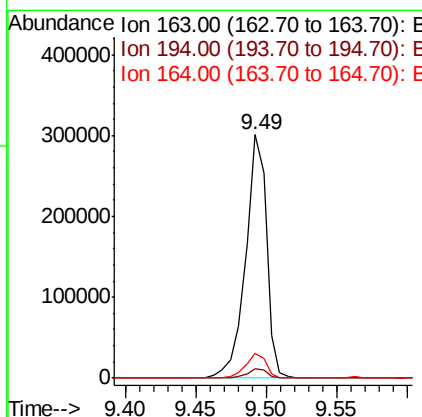
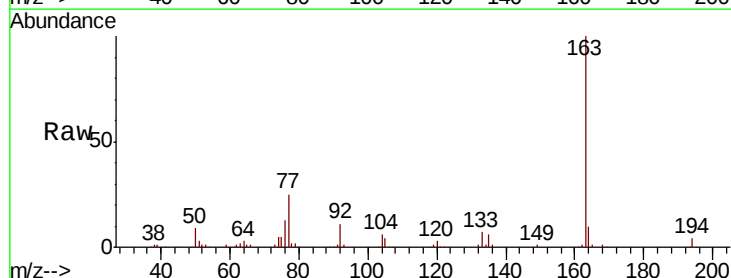
RT: 9.49 min Scan# 1259

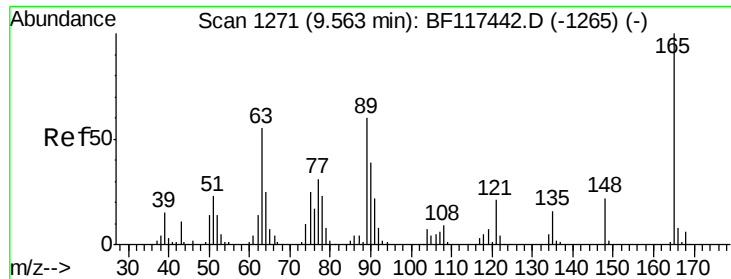
Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Tgt Ion:	163	Resp:	313931
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.3	8.2	12.2





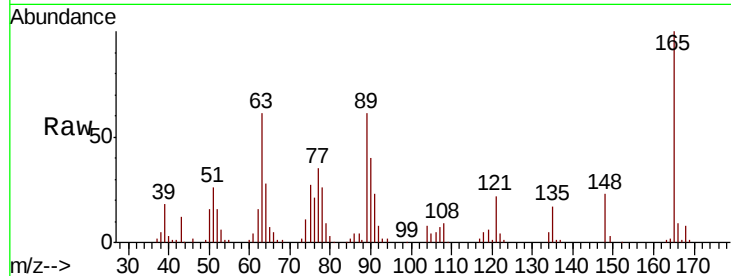
#51
2,6-Dinitrotoluene
Concen: 43.358 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	67910		
63	61.4	43.8	65.8	
89	60.7	47.6	71.4	

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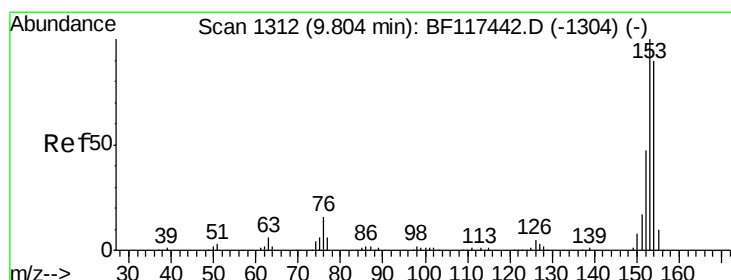
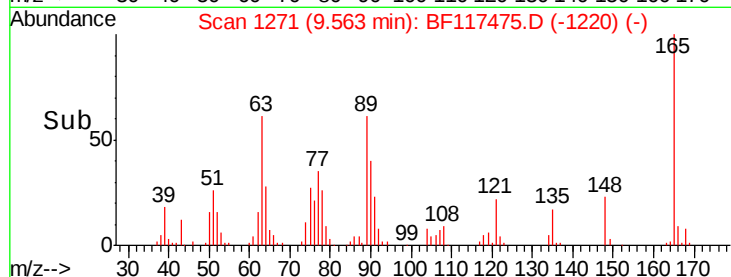
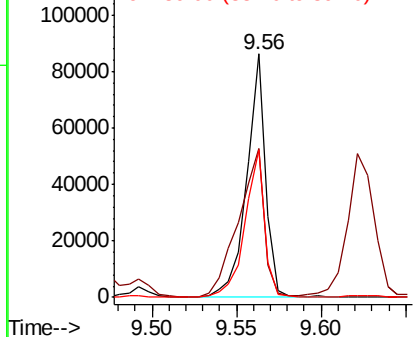


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 41.481 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

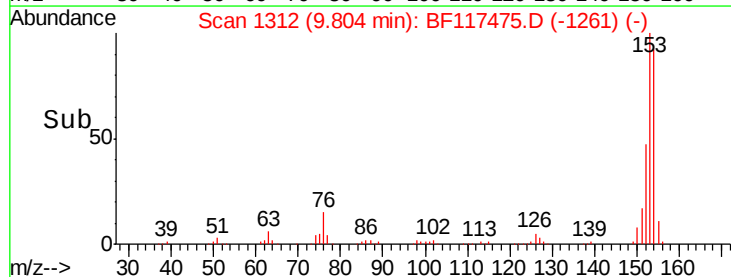
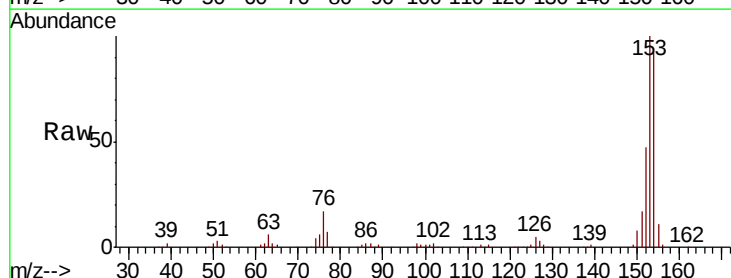
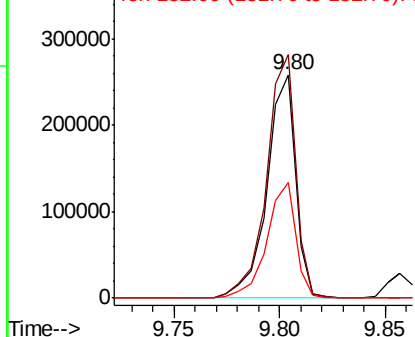
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	245667		
153	108.8	89.2	133.8	
152	51.6	41.8	62.6	

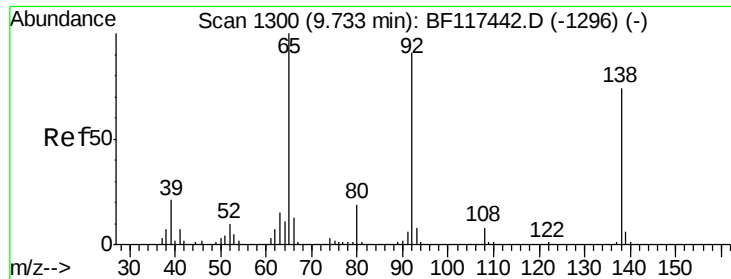
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





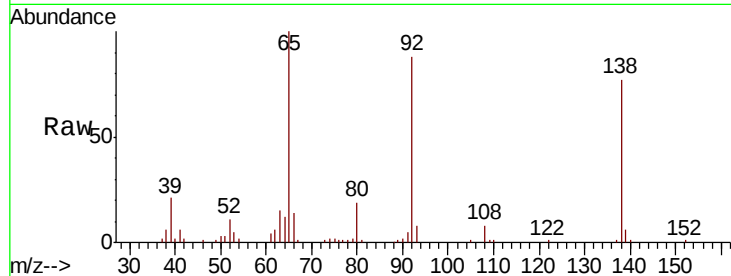
#53
3-Nitroaniline
Concen: 26.584 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

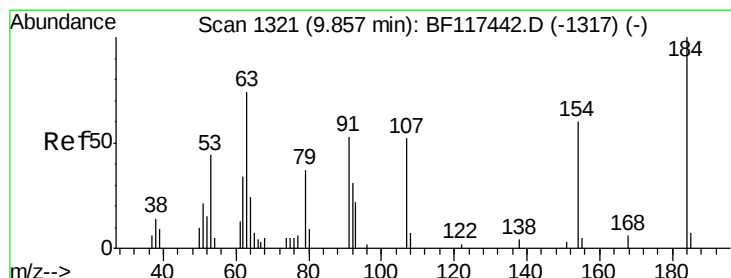
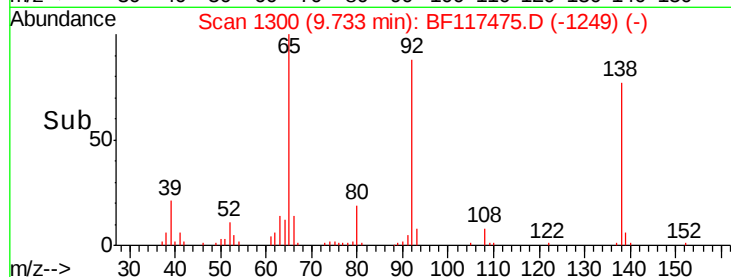
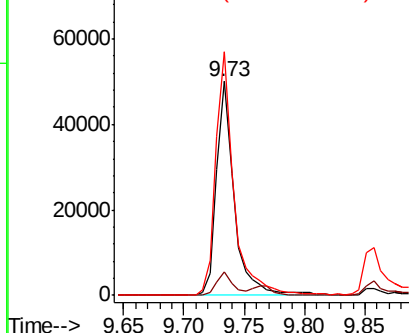
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	113.7	98.4	147.6

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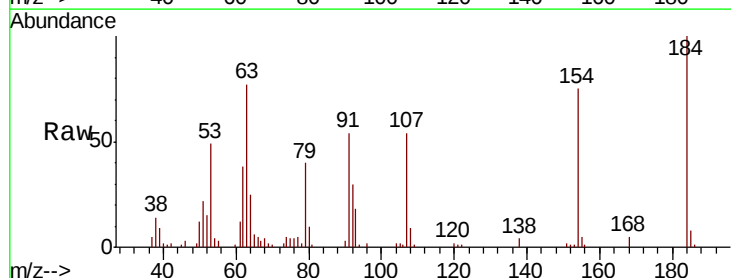


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

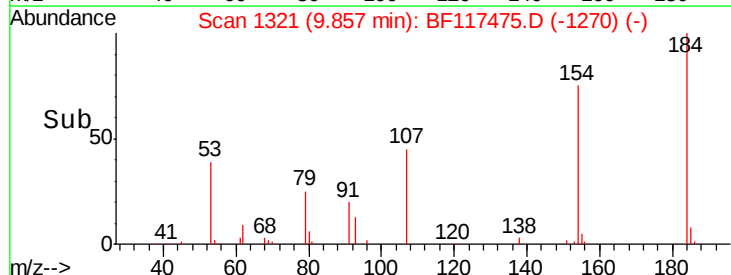
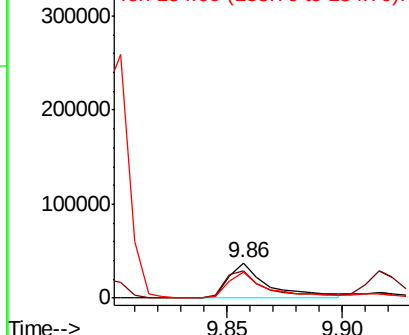


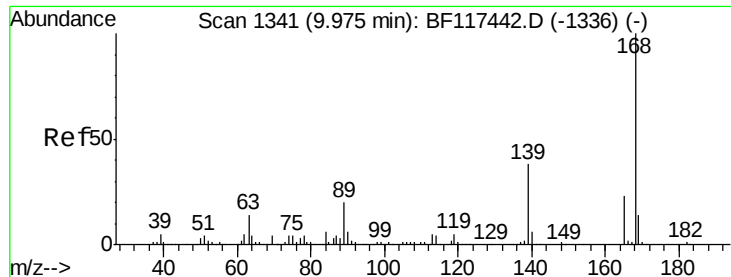
#54
2,4-Dinitrophenol
Concen: 70.383 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.9	59.2	88.8
154	75.0	53.4	80.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





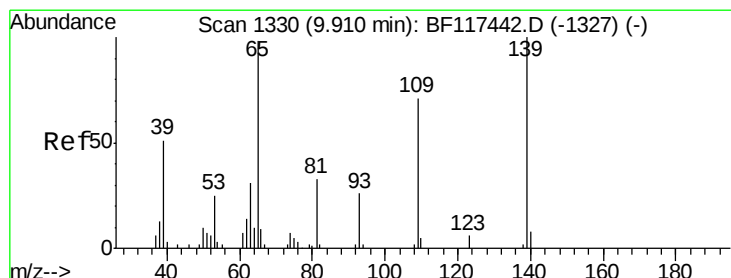
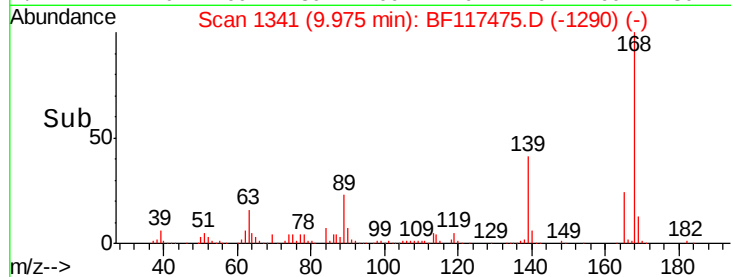
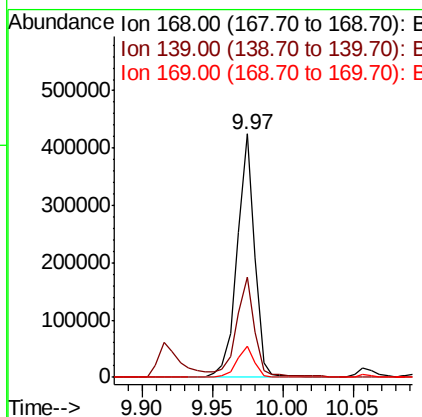
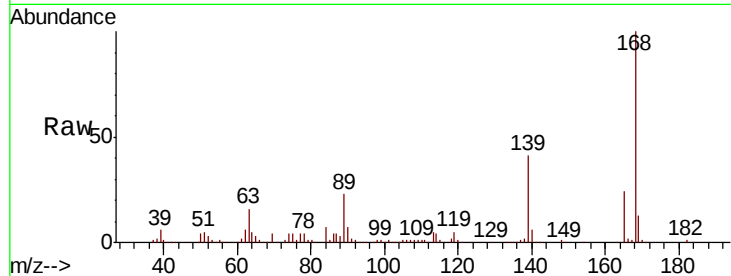
#55
Dibenzofuran
Concen: 42.606 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.8	47.6
169	13.0	11.2	16.8

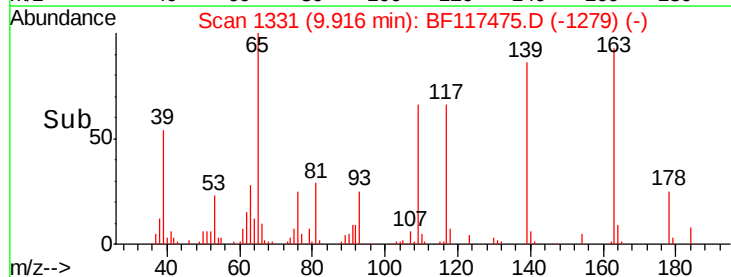
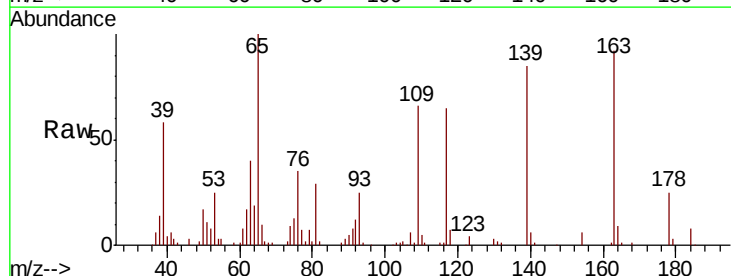
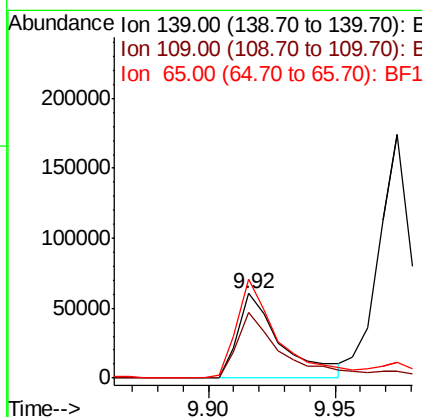
Manual Integrations
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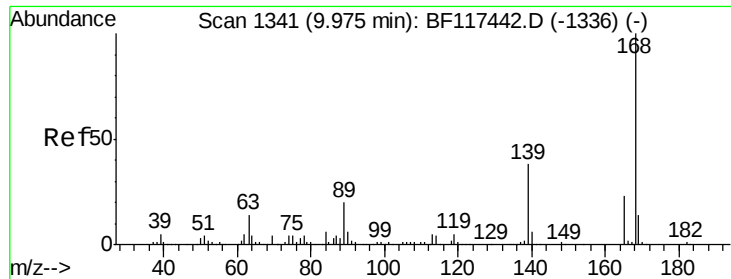
mohammad
10/23/2019 8:05:59 AM



#56
4-Nitrophenol
Concen: 81.565 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	51.4	91.4
65	117.4	79.4	119.4





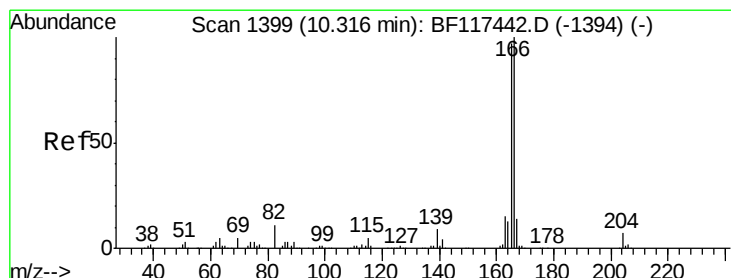
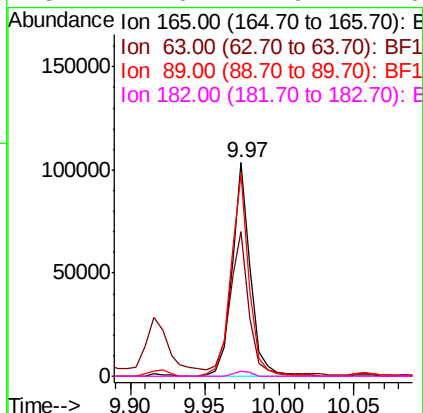
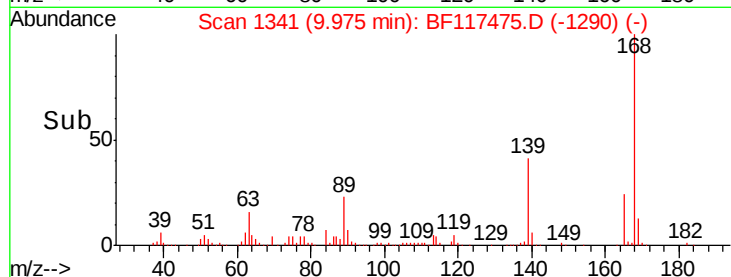
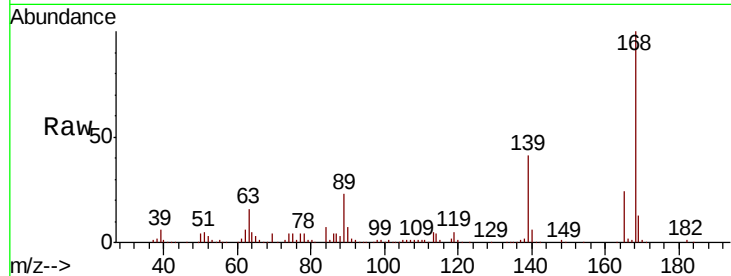
#57
2,4-Dinitrotoluene
Concen: 43.012 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	89568		
63	67.6	51.4	77.0	
89	94.5	69.9	104.9	
182	2.6	1.9	2.9	

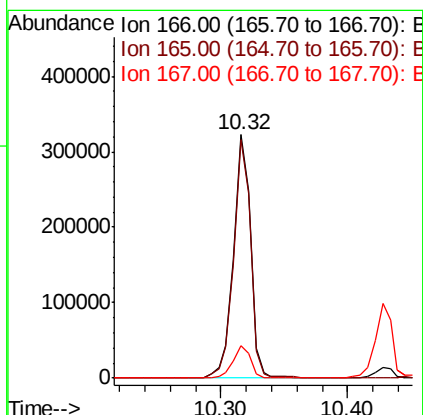
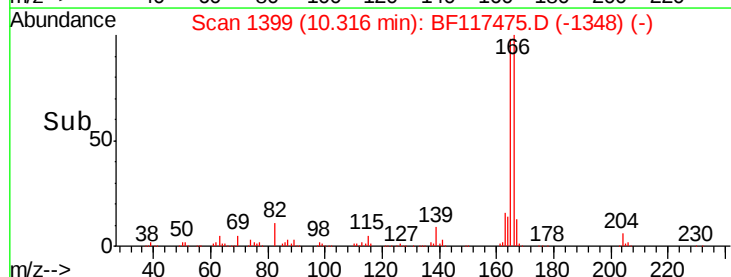
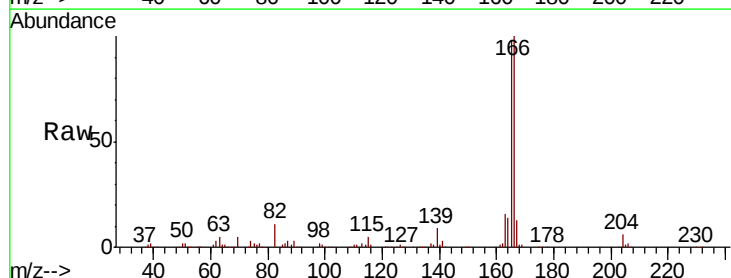
Manual Integrations
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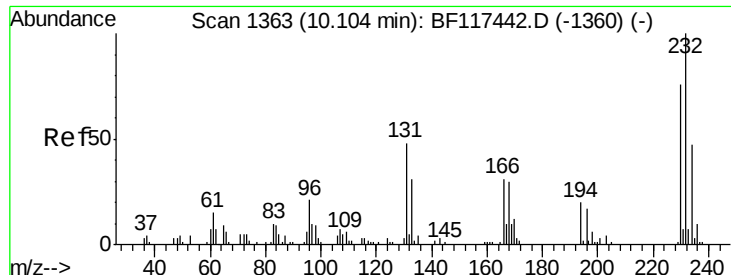
mohammad
10/23/2019 8:05:59 AM



#58
Fluorene
Concen: 42.201 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	299440		
165	98.2	77.6	116.4	
167	13.4	11.0	16.4	





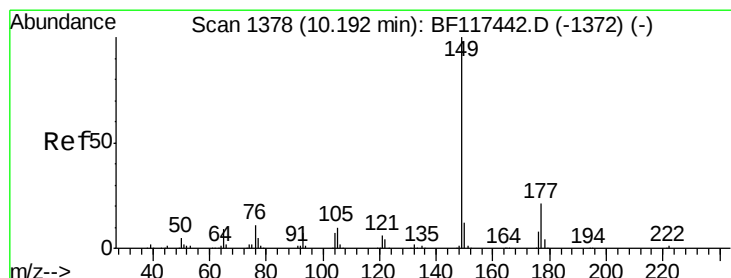
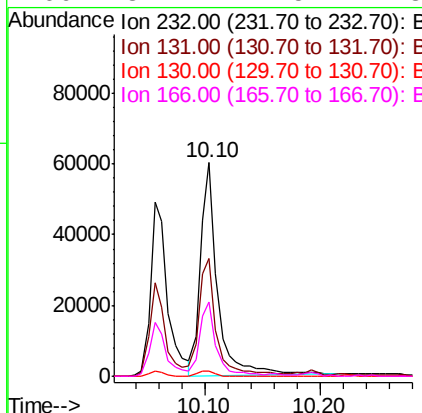
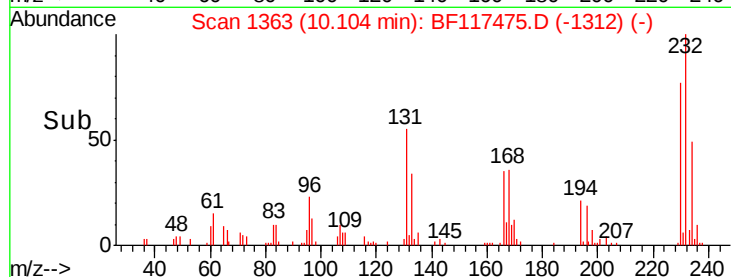
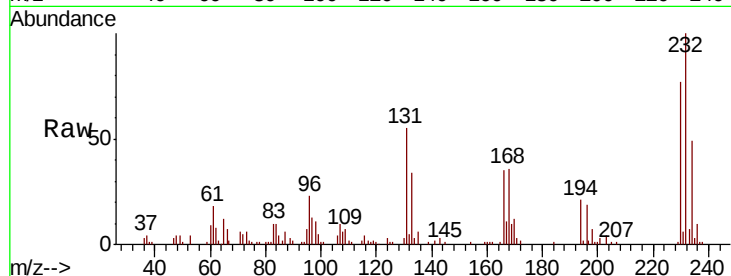
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.632 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.3	42.6	63.8
130	2.5	2.2	3.4
166	32.7	27.5	41.3

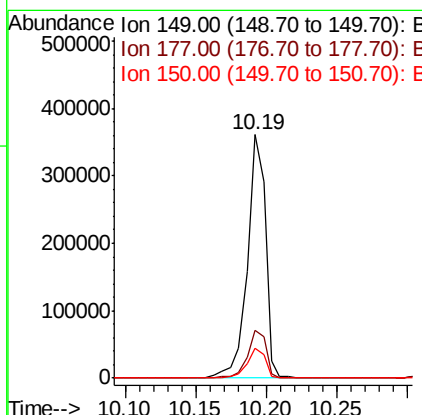
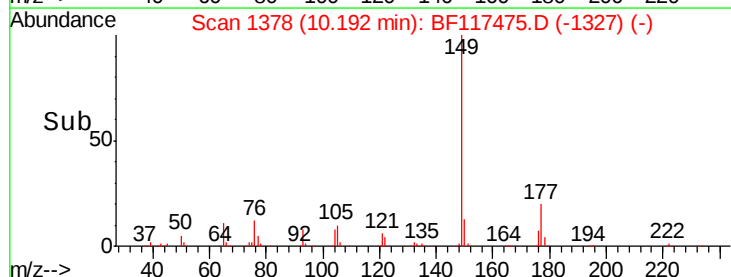
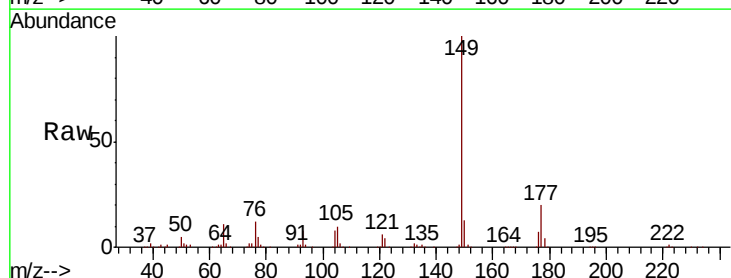
Manual Integrations
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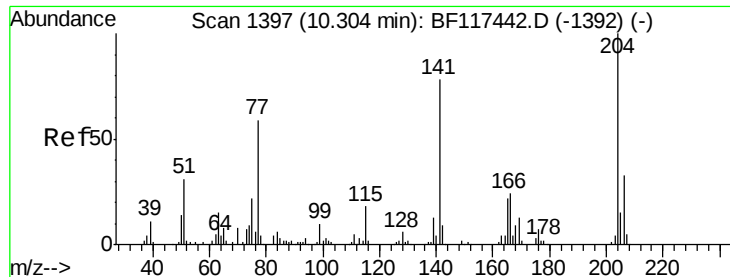
mohammad
 10/23/2019 8:05:59 AM



#60
 Diethylphthalate
 Concen: 42.623 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	17.0	25.4
150	12.5	9.8	14.6





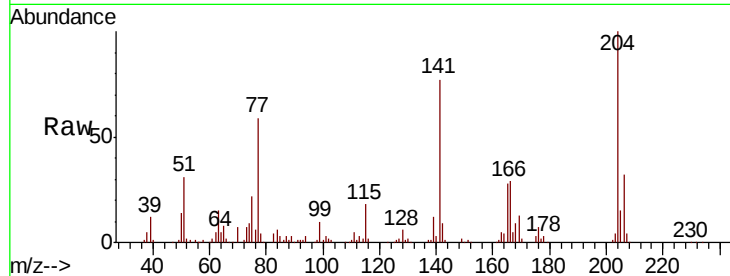
#61
4-Chlorophenyl-phenylether
Concen: 41.312 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	76.6	62.2	93.4

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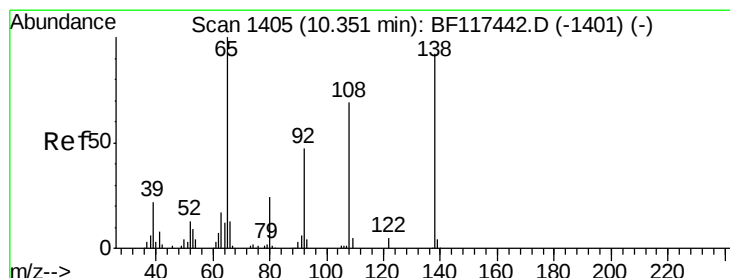
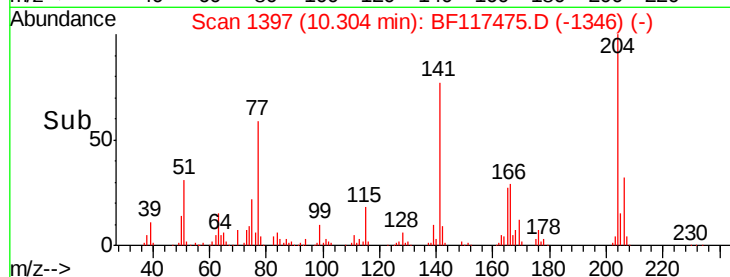
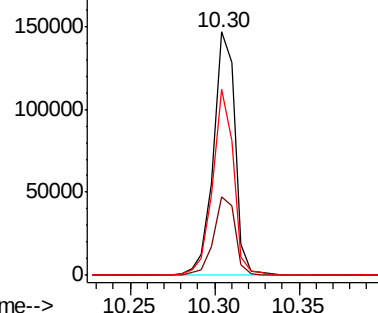


Abundance

Ion 204.00 (203.70 to 204.70): E

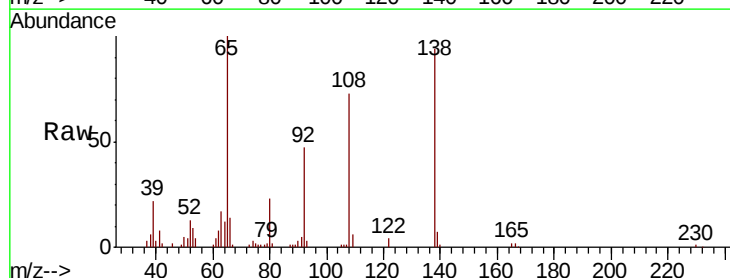
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.006 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.3	70.3
108	77.0	54.9	94.9

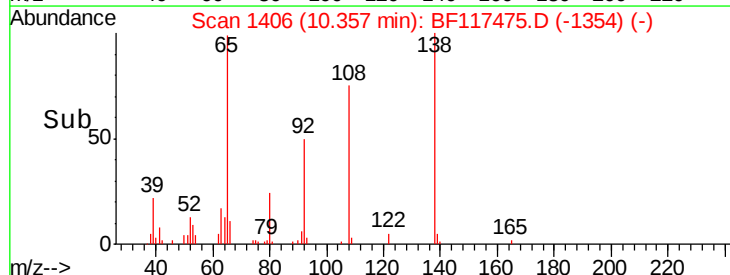
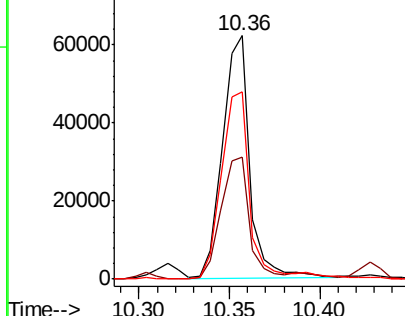


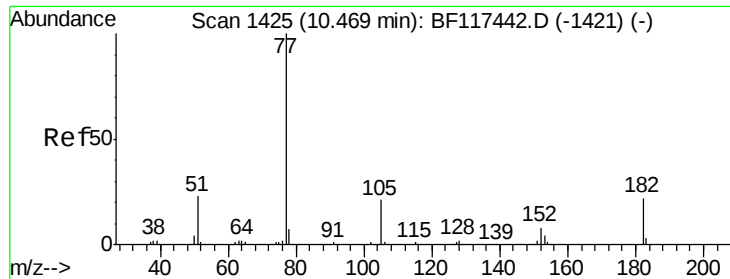
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





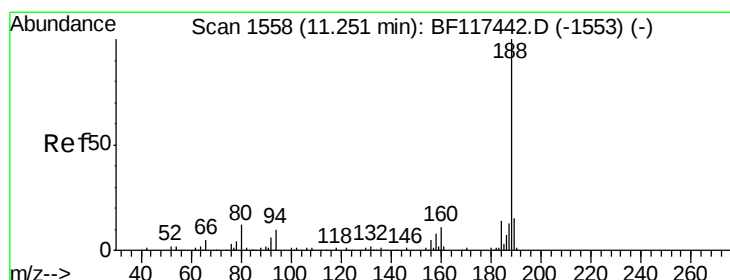
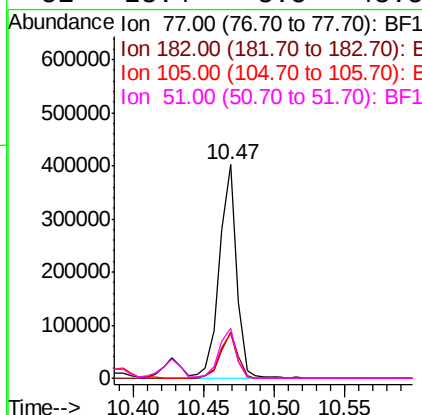
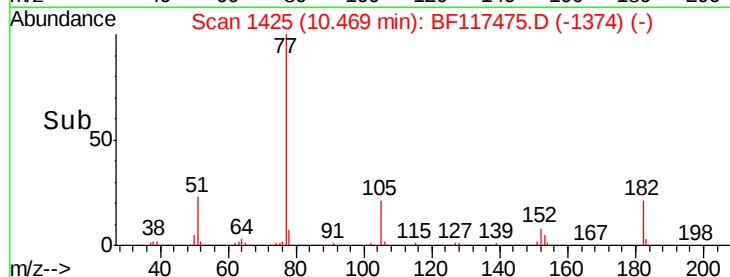
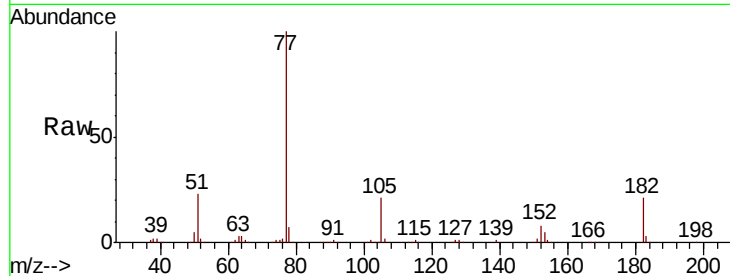
#63
Azobenzene
Concen: 43.672 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		339404		
182	21.3	2.3	42.3		
105	21.2	1.3	41.3		
51	23.4	3.5	43.5		

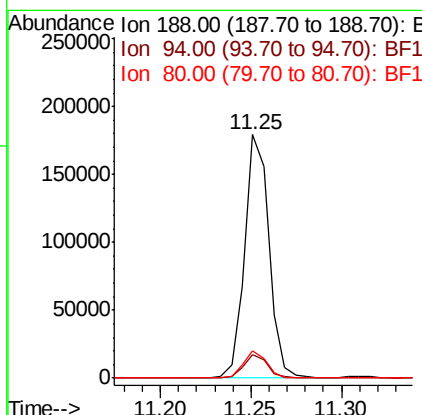
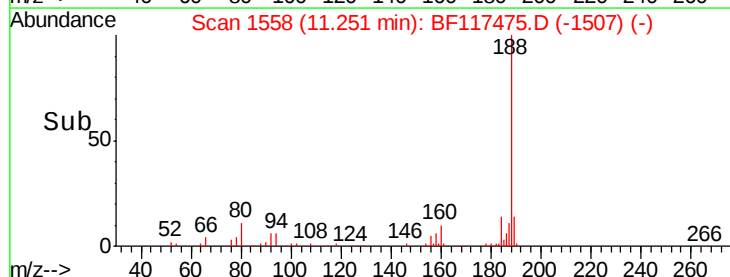
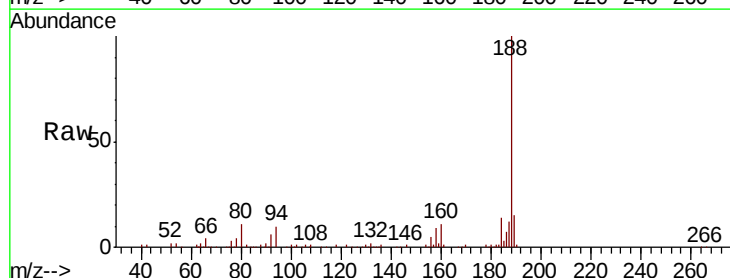
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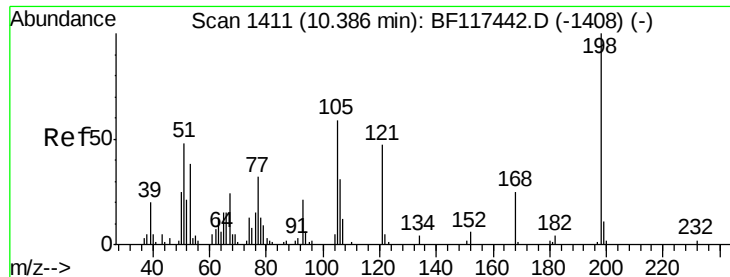
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		167490		
94	9.8	8.0	12.0		
80	11.4	9.5	14.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 43.722 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB124054BSD

Tot Ion:198 Resp: 37232

Ion Ratio Lower Upper

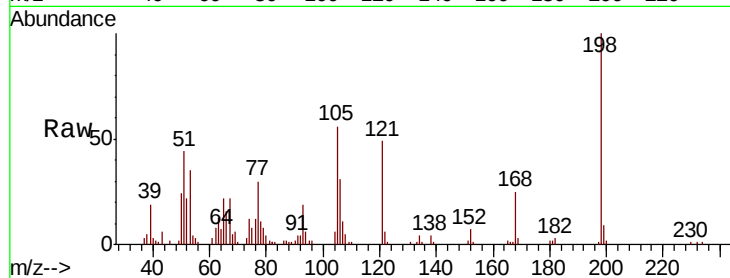
198 100

51 44.2 29.1 69.1

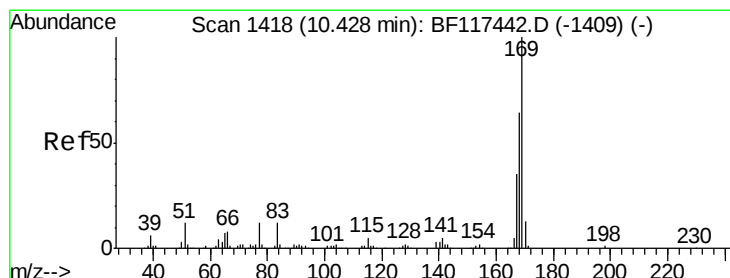
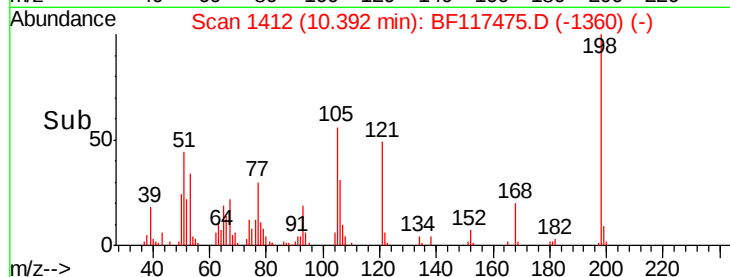
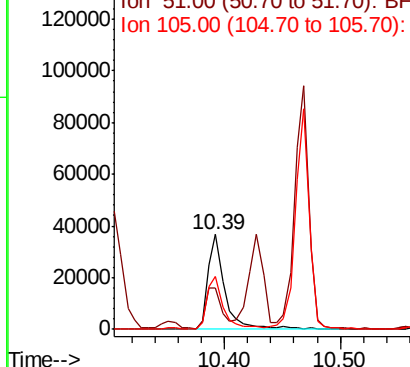
105 56.0 39.4 79.4

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.765 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

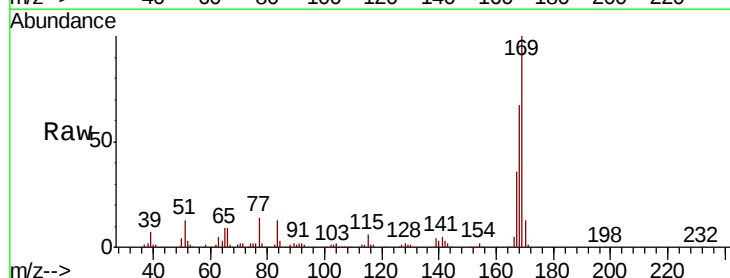
Tgt Ion:169 Resp: 261851

Ion Ratio Lower Upper

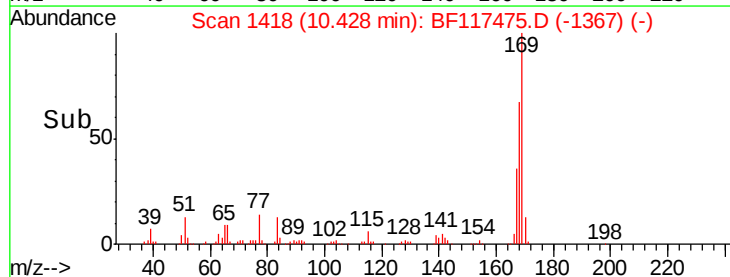
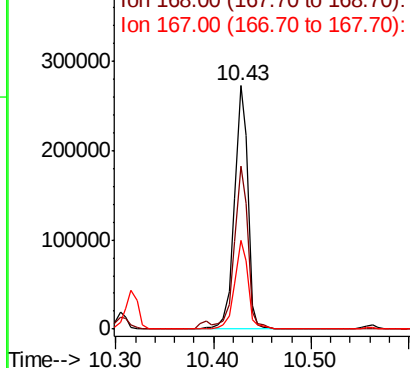
169 100

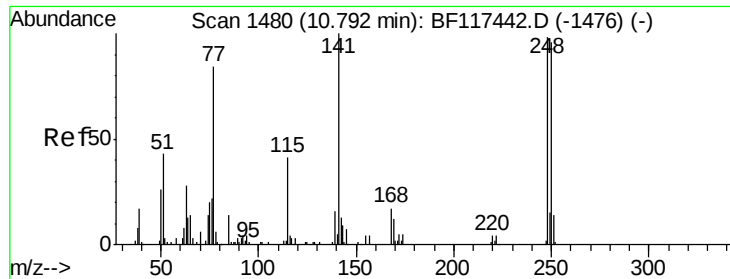
168 67.1 51.3 76.9

167 36.5 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





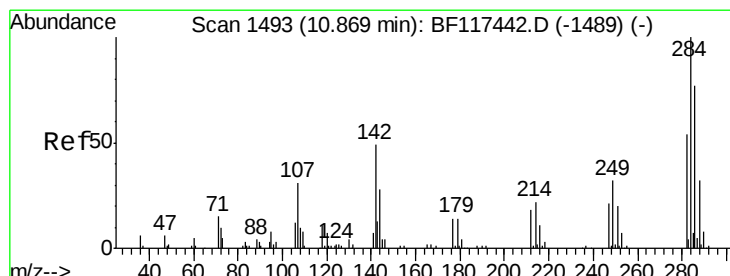
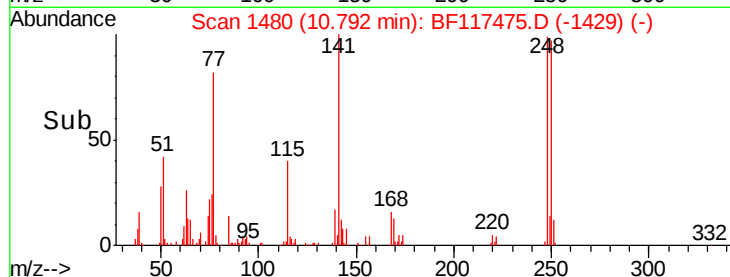
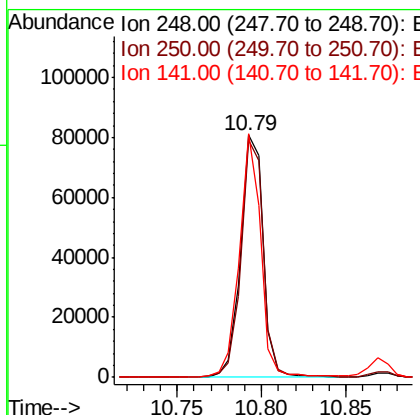
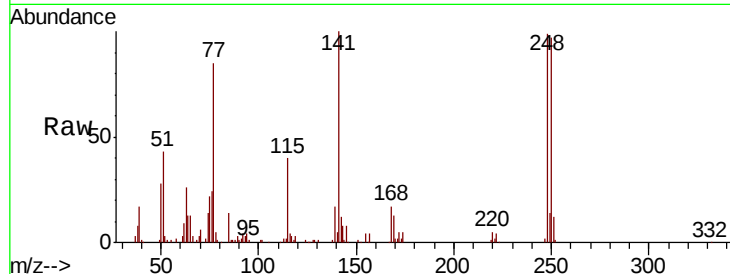
#67
4-Bromophenyl-phenylether
Concen: 41.648 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.0	117.0
141	100.7	81.7	122.5

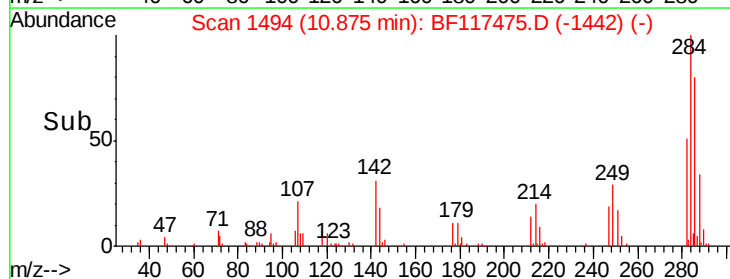
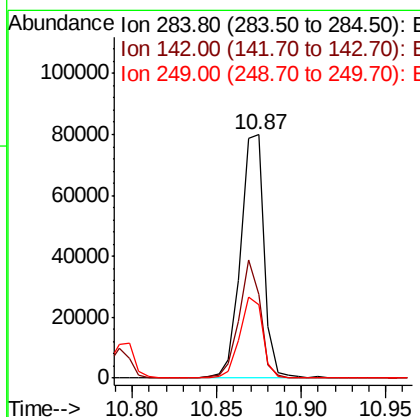
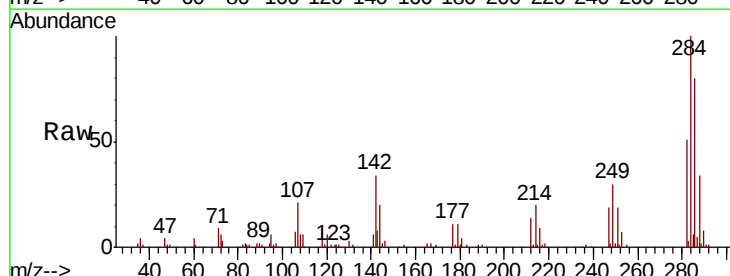
Manual Integrations
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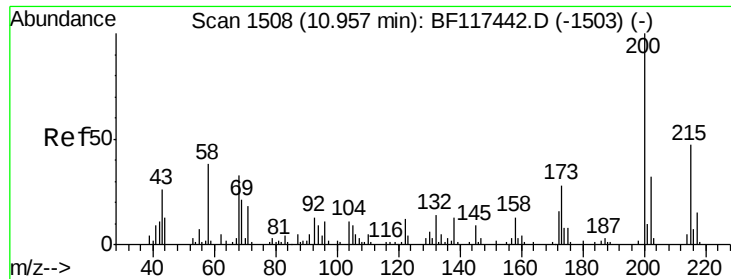
mohammad
10/23/2019 8:05:59 AM



#68
Hexachlorobenzene
Concen: 40.141 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	39.0	58.6#
249	30.4	25.7	38.5





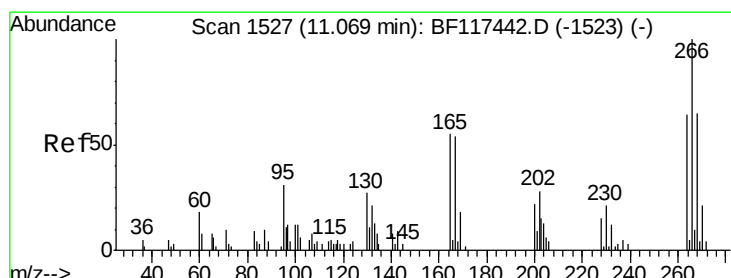
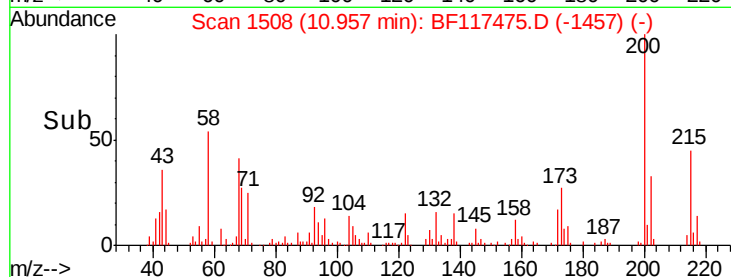
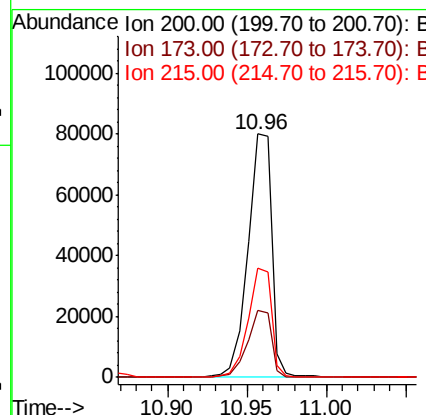
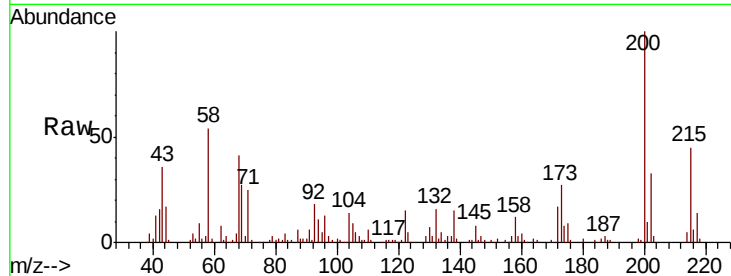
#69
Atrazine
Concen: 53.331 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.2	48.2
215	45.1	26.8	66.8

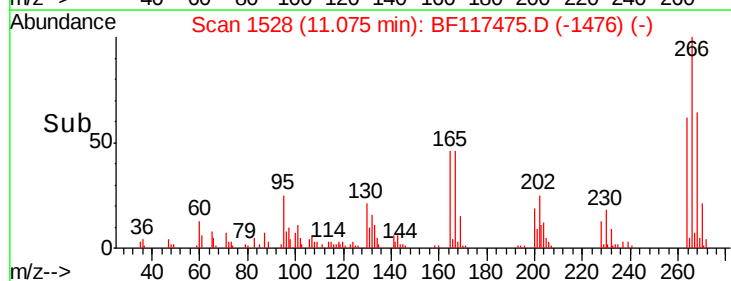
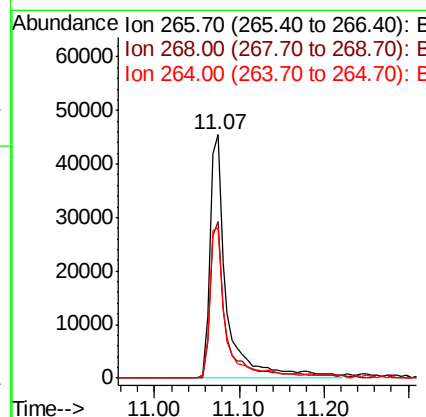
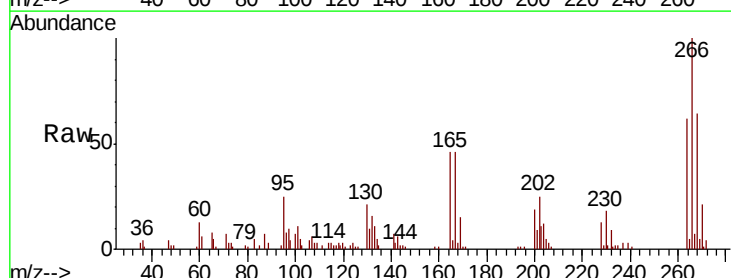
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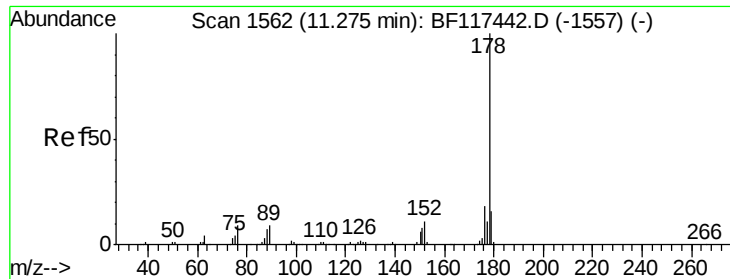
mohammad
10/23/2019 8:05:59 AM



#70
Pentachlorophenol
Concen: 108.202 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.6	77.4
264	61.8	51.4	77.2





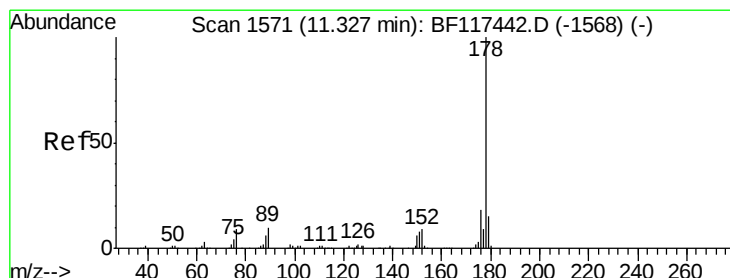
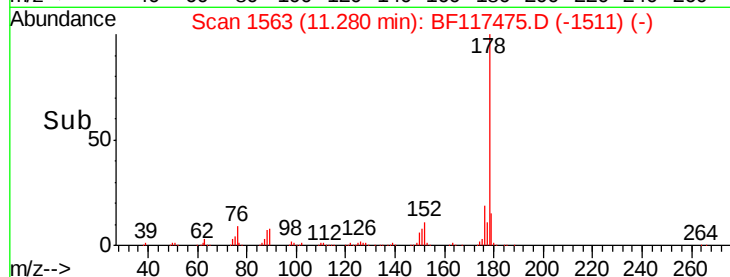
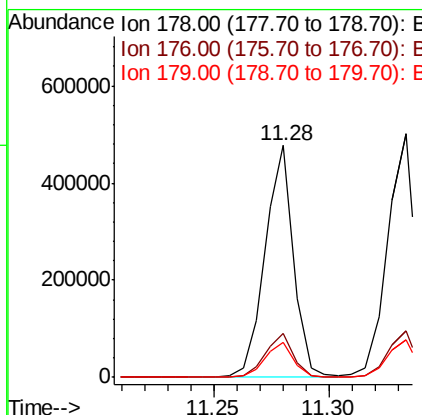
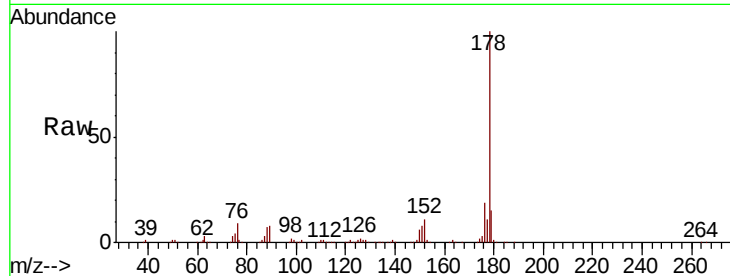
#71
Phenanthrene
Concen: 42.138 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.2	12.6	19.0

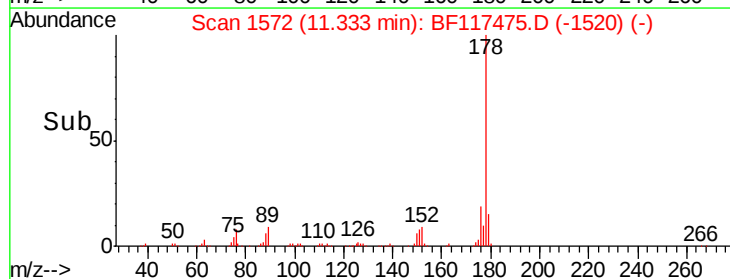
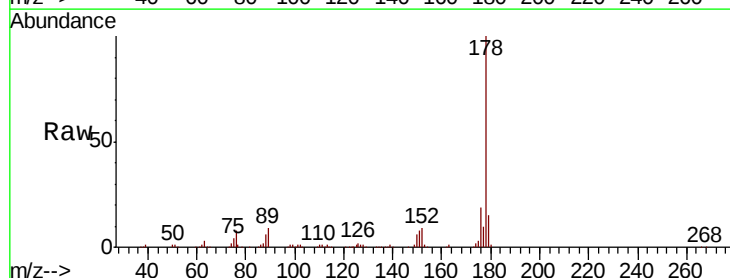
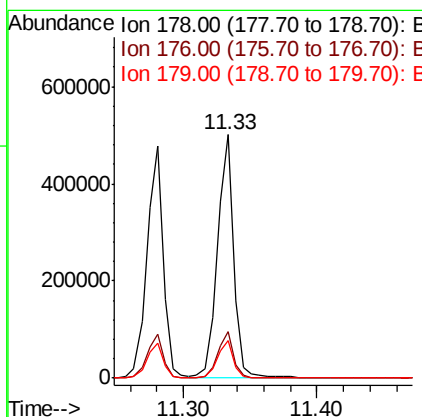
Manual Integrations
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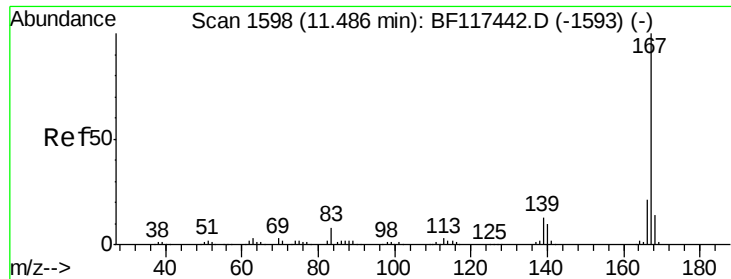
mohammad
10/23/2019 8:05:59 AM



#72
Anthracene
Concen: 43.378 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.4	12.2	18.2





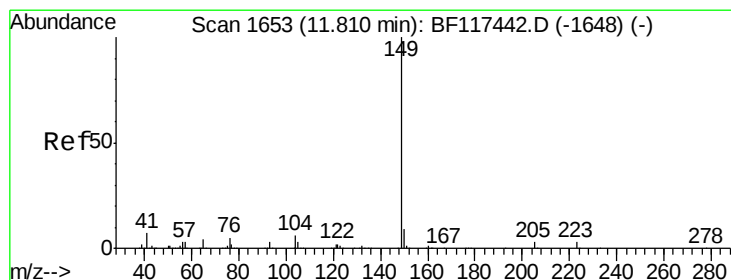
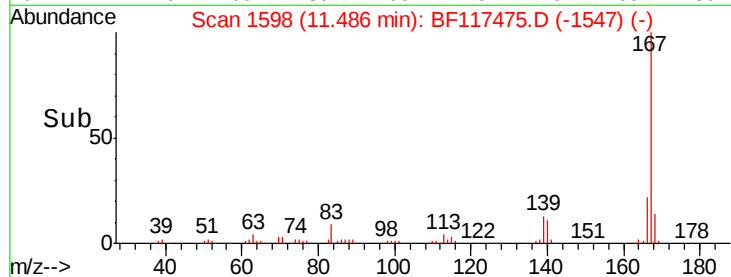
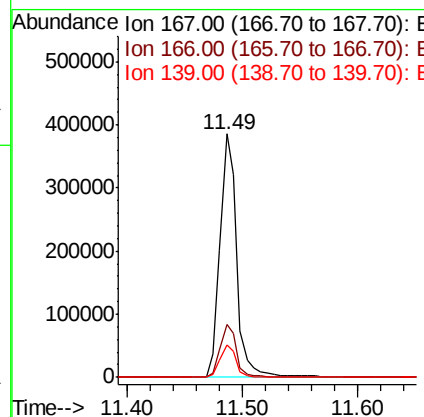
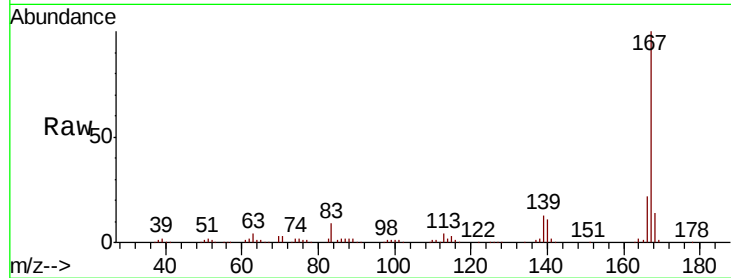
#73
 Carbazole
 Concen: 42.642 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.5	10.6	16.0

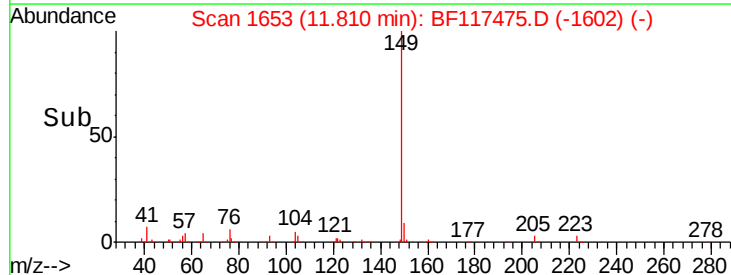
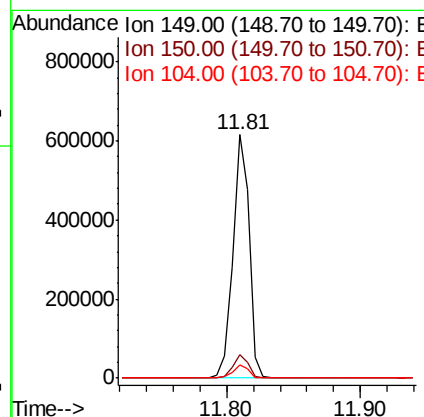
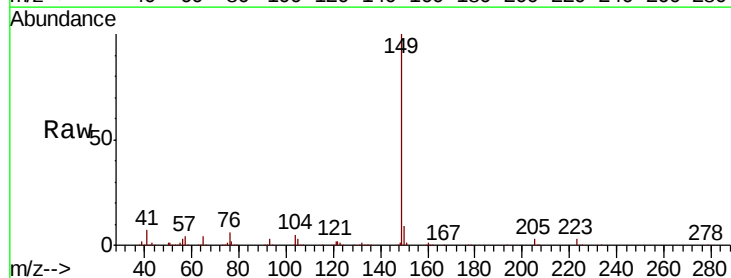
Manual Integrations
 APPROVED

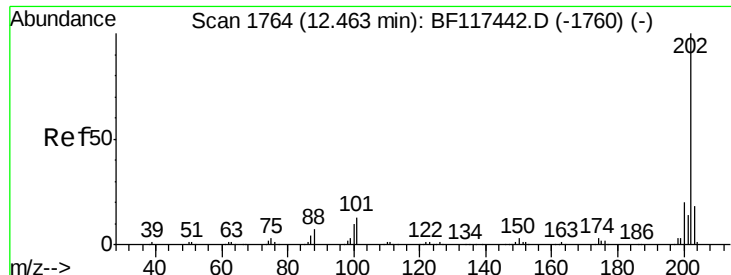
mohammad
 10/23/2019 8:05:59 AM



#74
 Di-n-butylphthalate
 Concen: 43.401 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.5	4.6	6.8





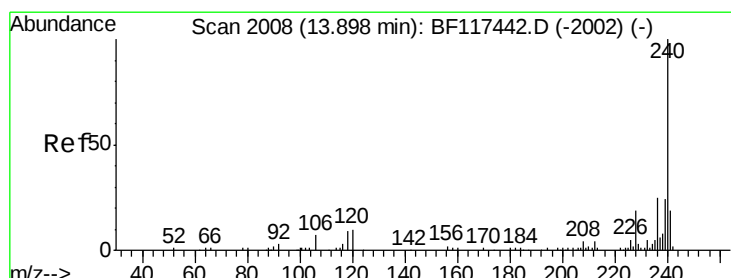
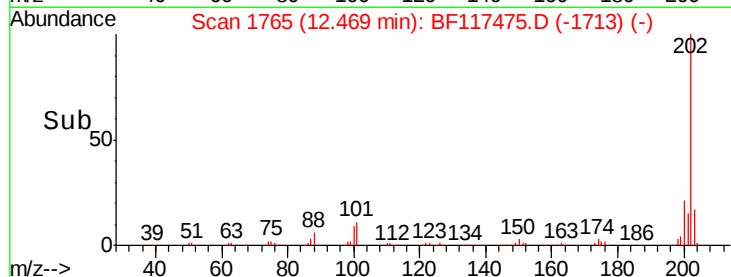
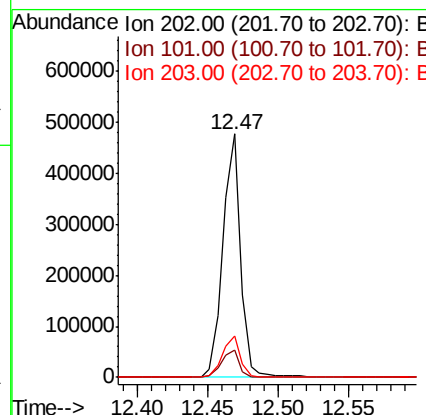
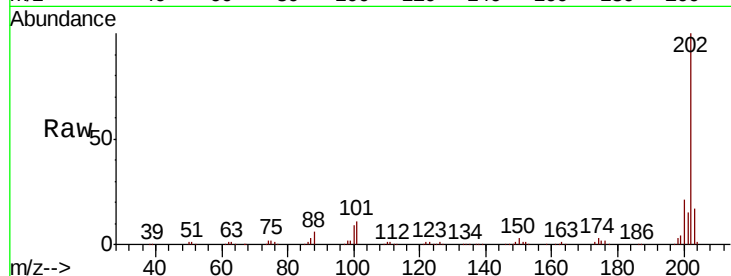
#75
 Fluoranthene
 Concen: 42.860 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	417289		
101	11.4	0.0	32.7	
203	17.2	0.0	37.6	

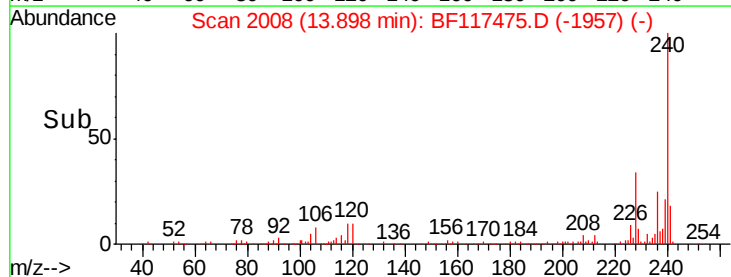
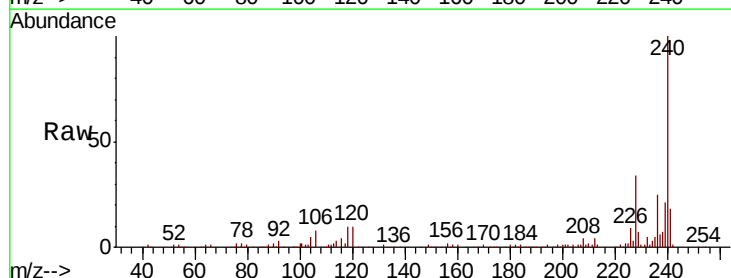
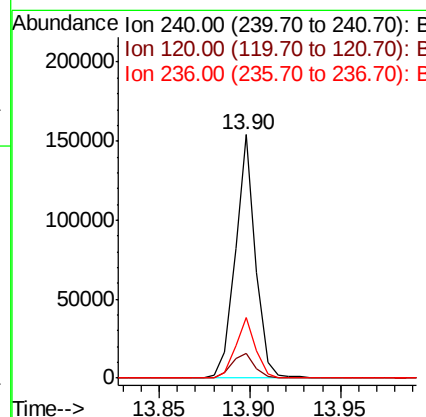
Manual Integrations
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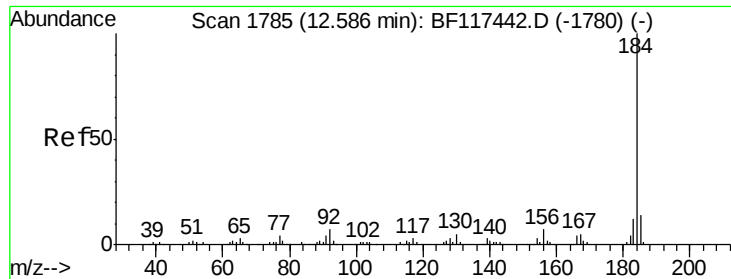
mohammad
 10/23/2019 8:05:59 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	118709		
120	10.2	8.4	12.6	
236	24.8	20.0	30.0	





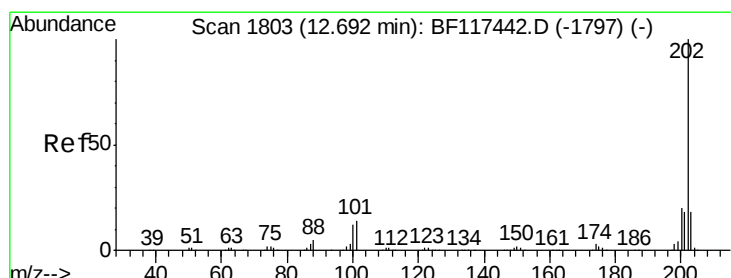
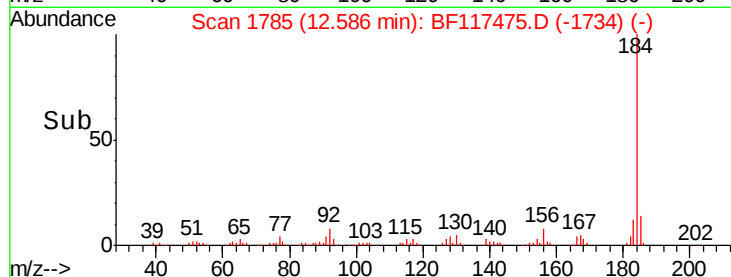
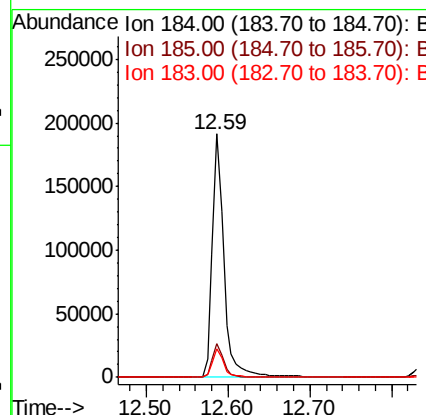
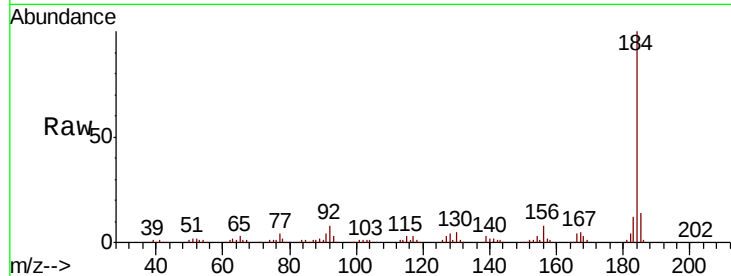
#77
Benzidine
Concen: 74.739 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.4	17.0
183	12.0	9.6	14.4

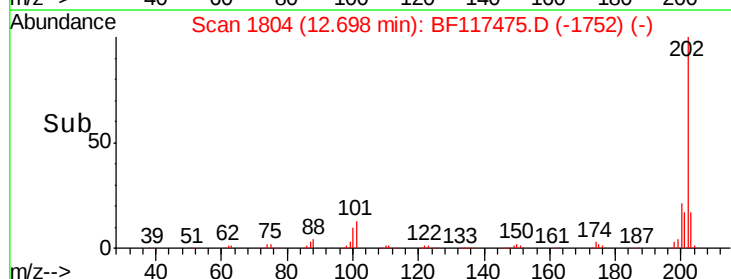
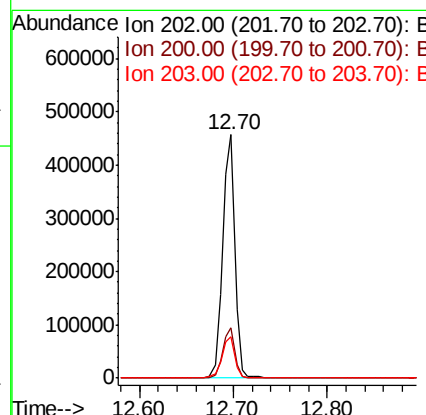
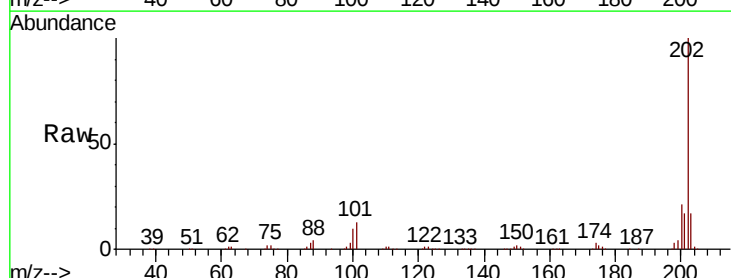
Manual Integrations
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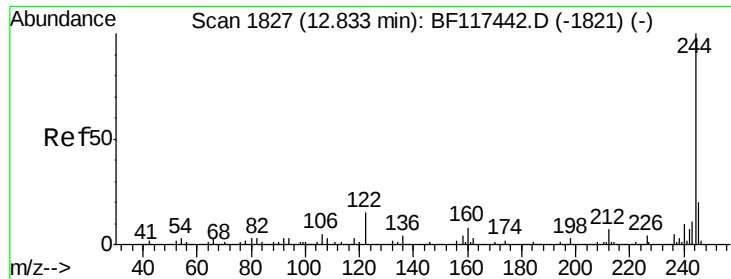
mohammad
10/23/2019 8:05:59 AM



#78
Pyrene
Concen: 41.245 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.1	14.0	21.0





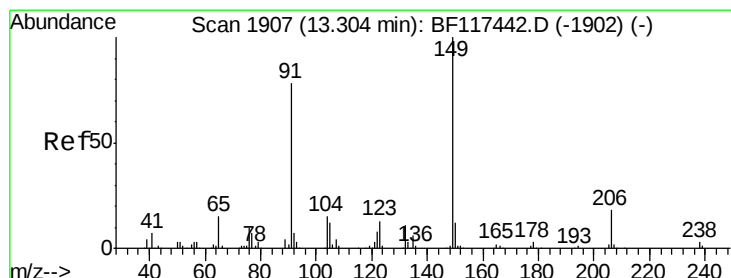
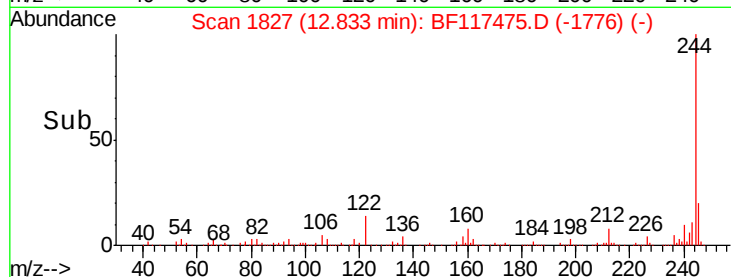
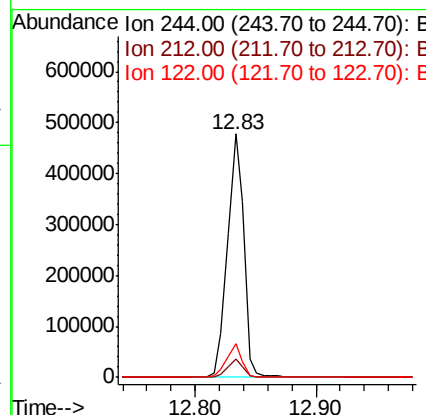
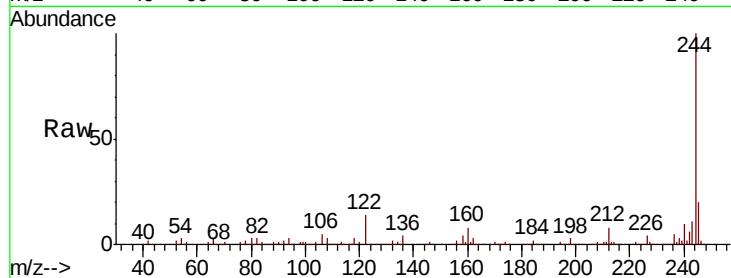
#79
 Terphenyl-d14
 Concen: 61.376 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	13.8	11.8	17.8

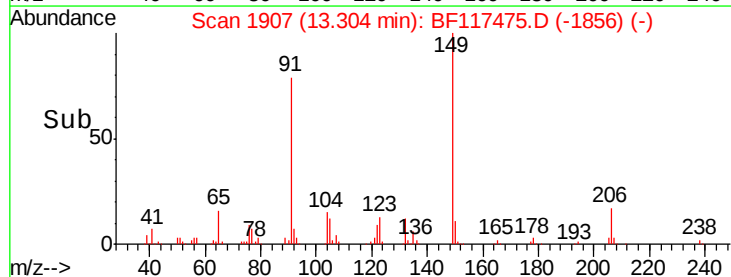
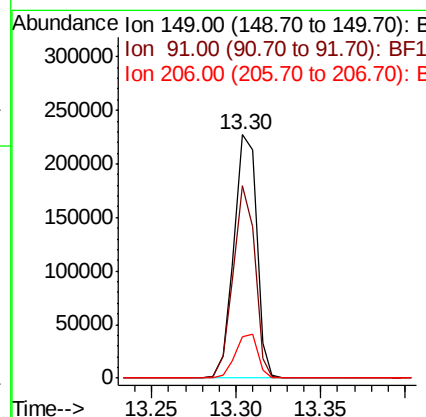
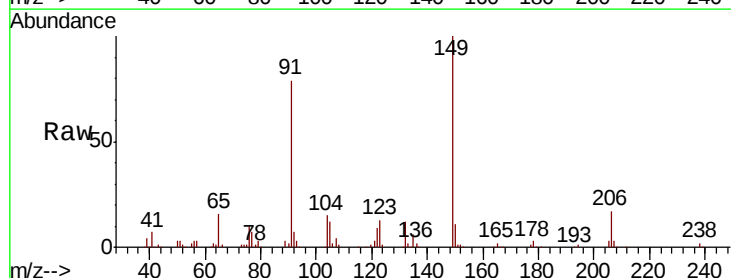
Manual Integrations
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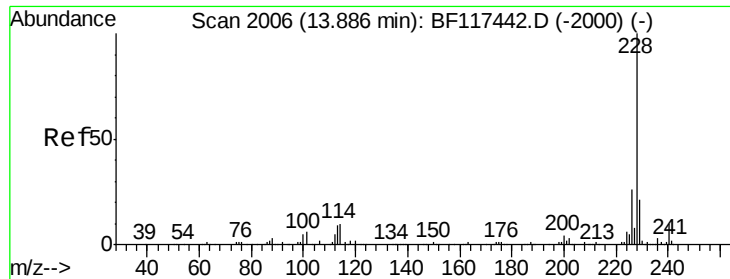
mohammad
 10/23/2019 8:05:59 AM



#80
 Butylbenzylphthalate
 Concen: 42.113 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	62.1	93.1
206	16.9	14.3	21.5





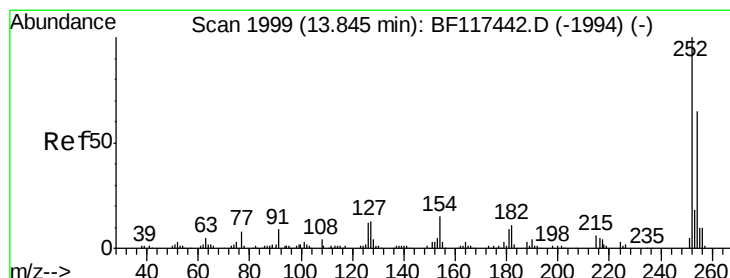
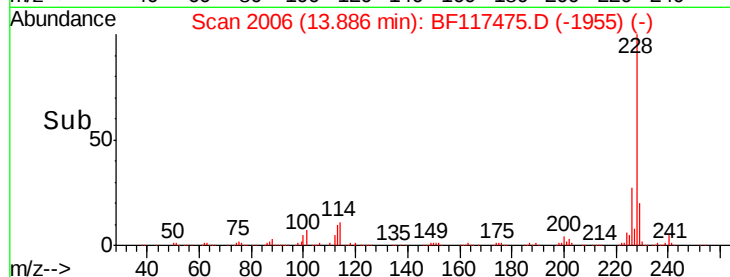
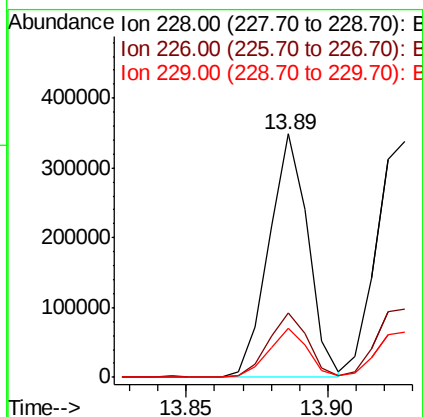
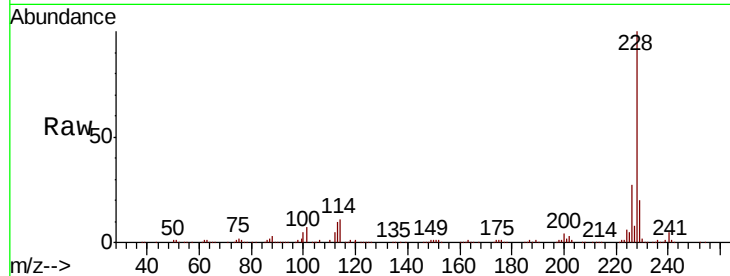
#81
Benzo(a)anthracene
Concen: 41.730 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.0	31.4
229	20.0	16.4	24.6

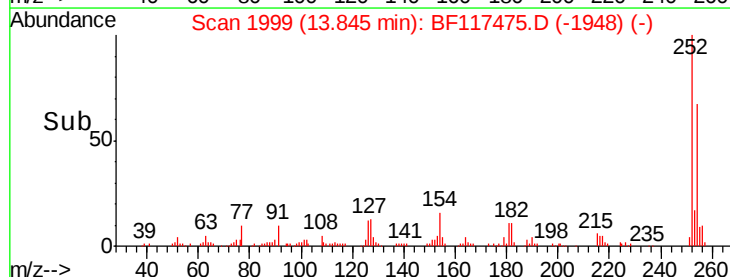
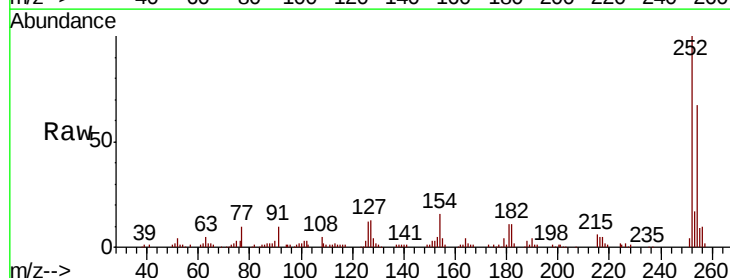
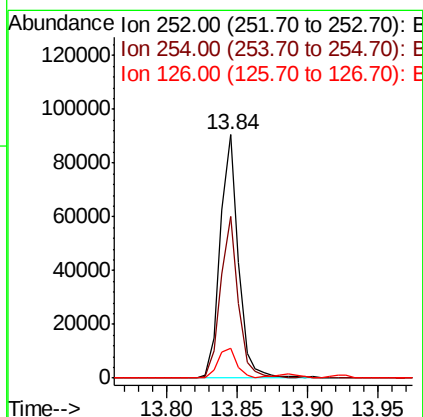
Manual Integrations
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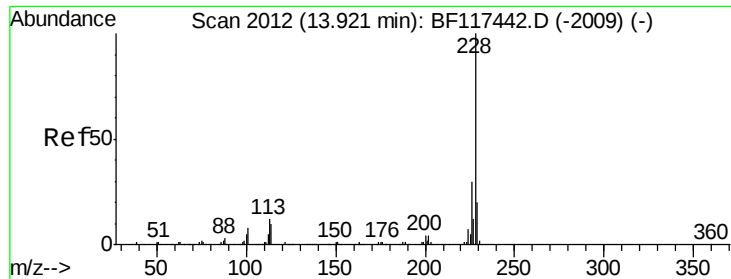
mohammad
10/23/2019 8:05:59 AM



#82
3,3'-Dichlorobenzidine
Concen: 32.571 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.2	78.4
126	12.2	9.2	13.8





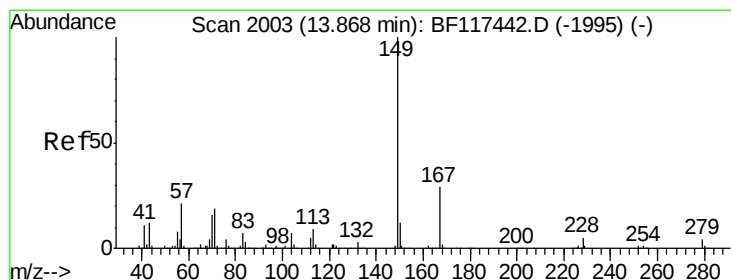
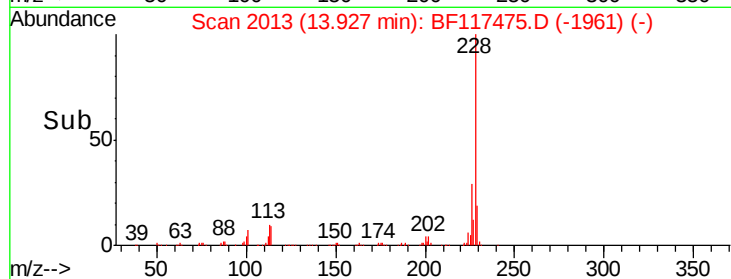
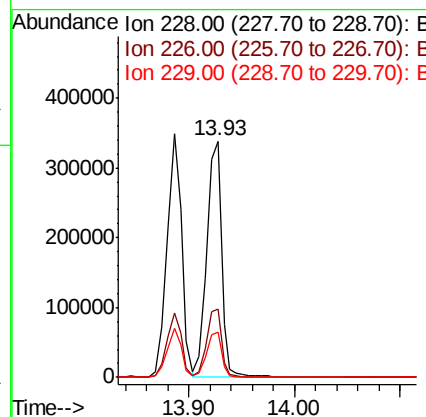
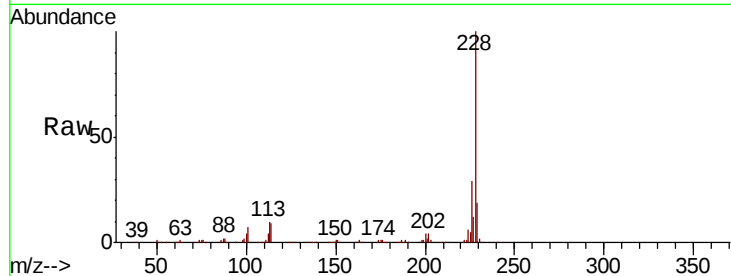
#83
 Chrysene
 Concen: 41.760 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	19.1	15.8	23.6

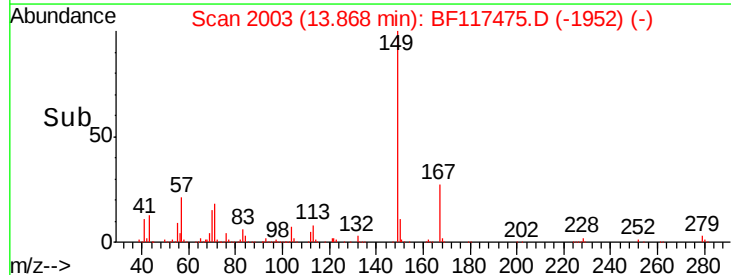
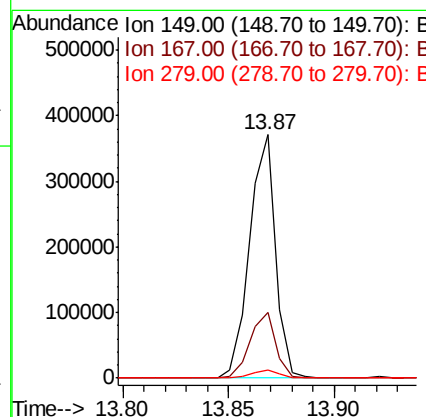
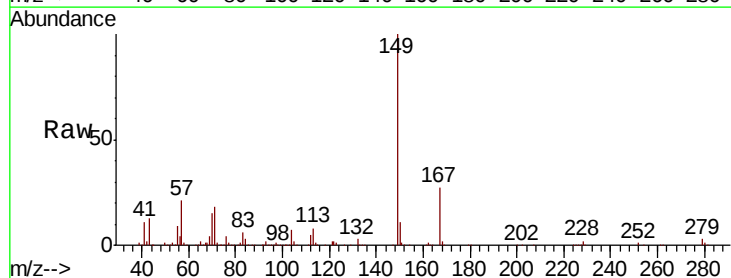
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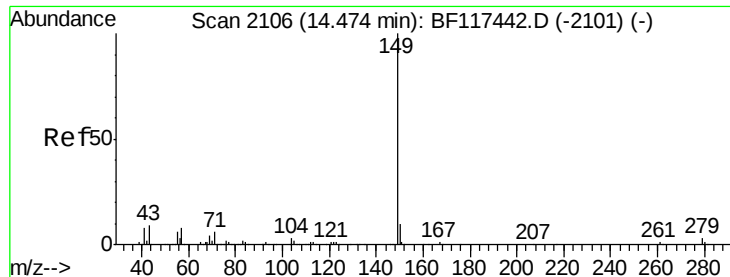
mohammad
 10/23/2019 8:05:59 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.422 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.3	34.9
279	3.3	3.2	4.8





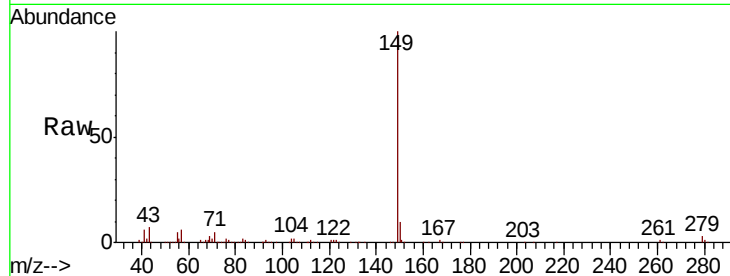
#85
Di-n-octyl phthalate
Concen: 46.849 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	511974		
167	1.5		1.2	1.8
43	8.3		6.8	10.2

Manual Integrations
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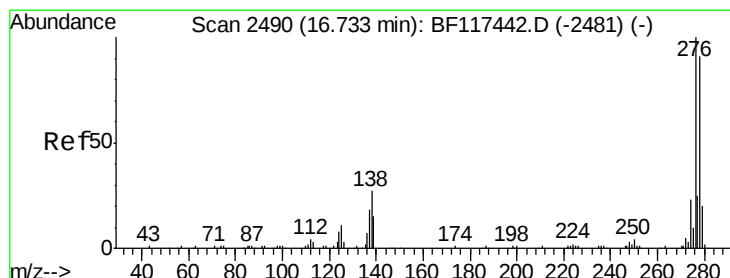
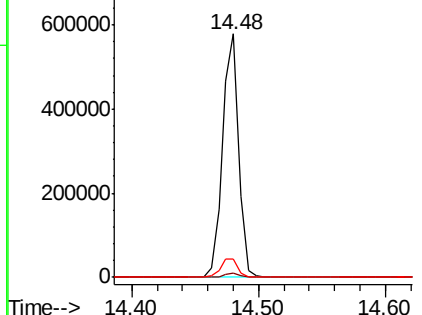
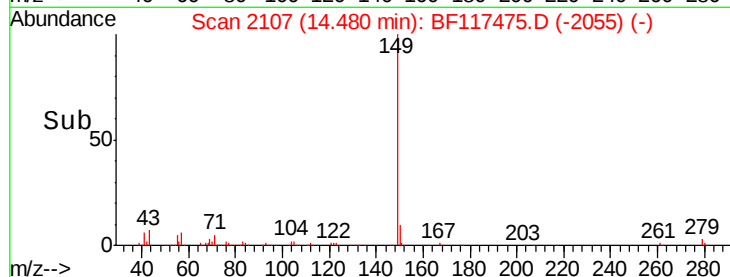


Abundance

Ion 149.00 (148.70 to 149.70): E

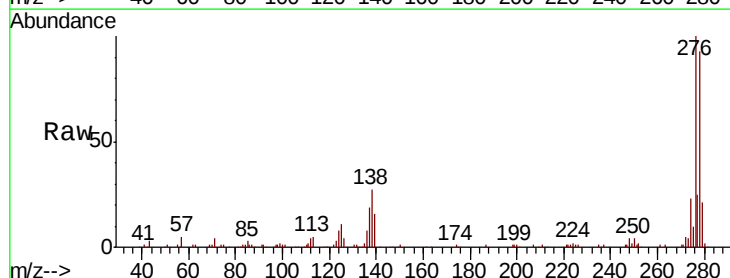
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.832 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	227522		
138	28.0		21.8	32.8
277	24.9		20.0	30.0

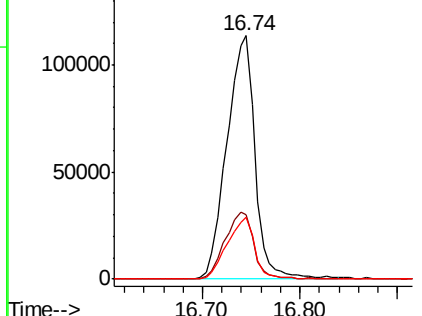
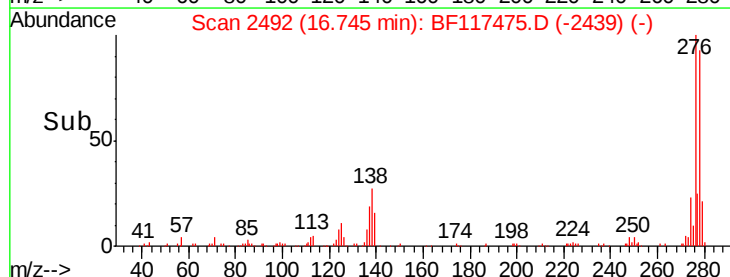


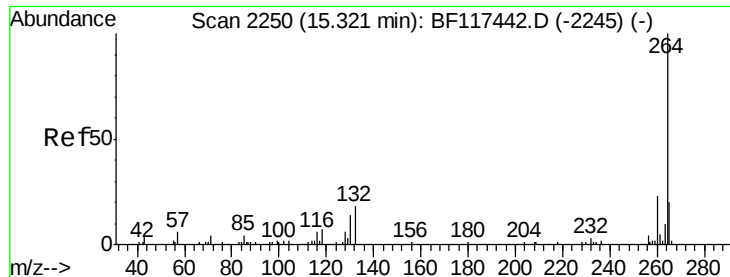
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





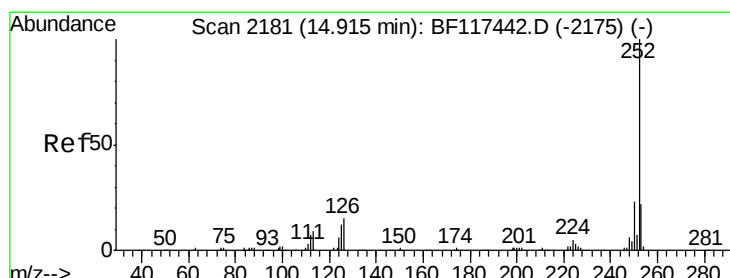
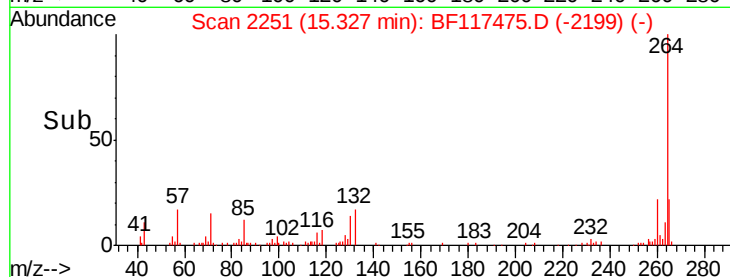
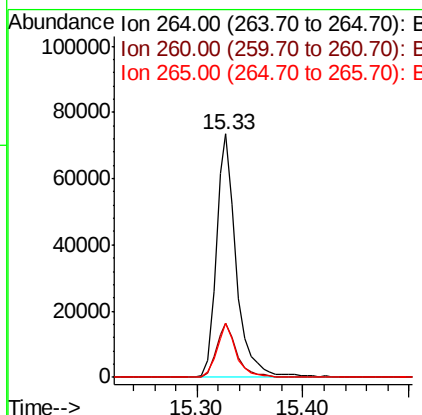
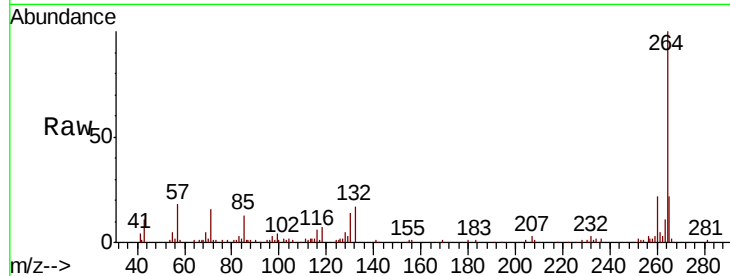
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	22.3	16.1	24.1

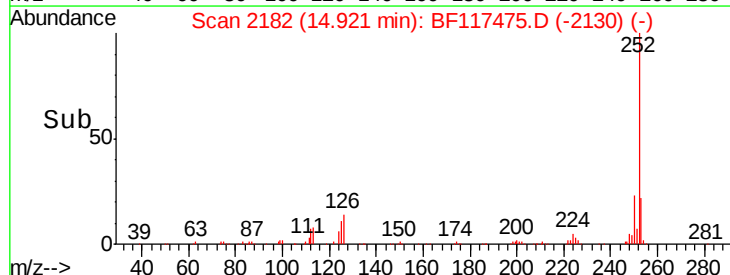
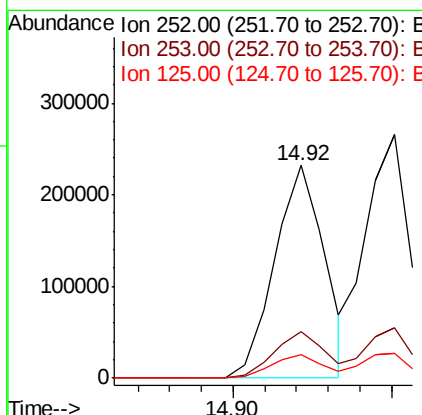
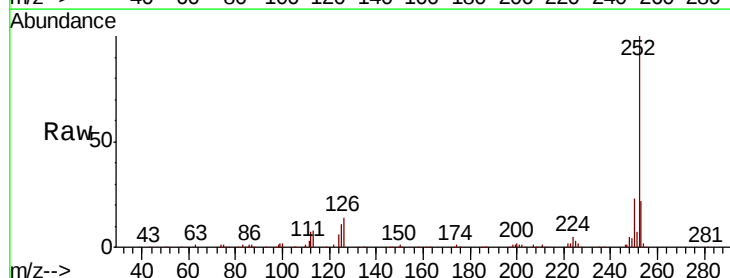
Manual Integrations
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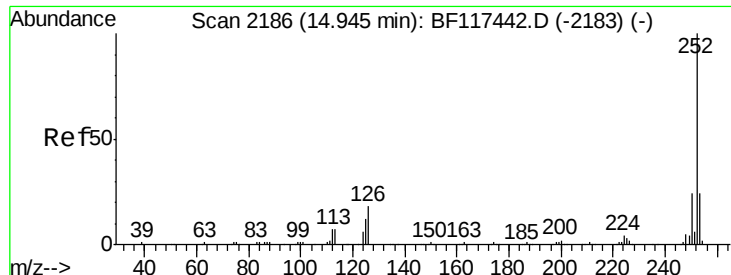
mohammad
10/23/2019 8:05:59 AM



#88
Benzo(b)fluoranthene
Concen: 44.458 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.3	9.9	14.9





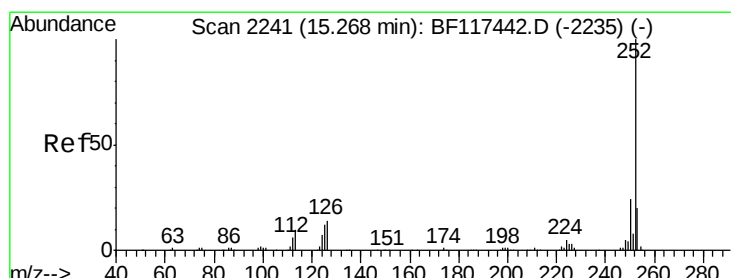
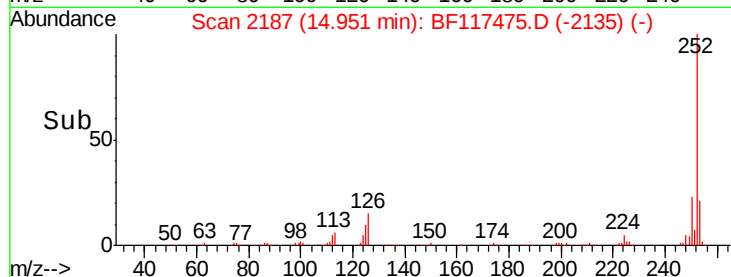
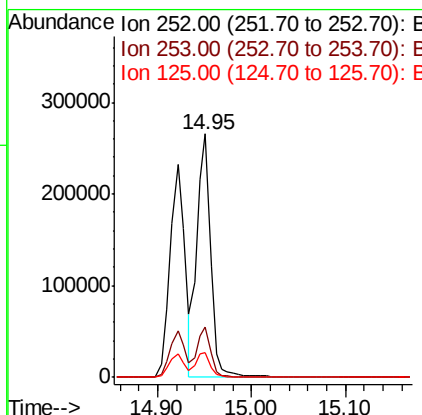
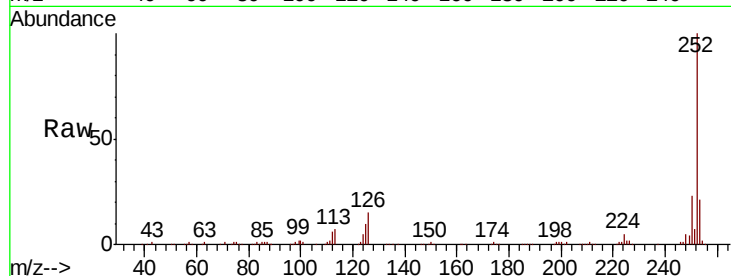
#89
Benzo(k)fluoranthene
Concen: 46.280 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	10.0	8.9	13.3

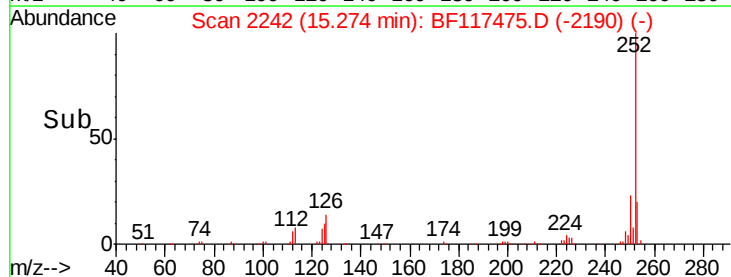
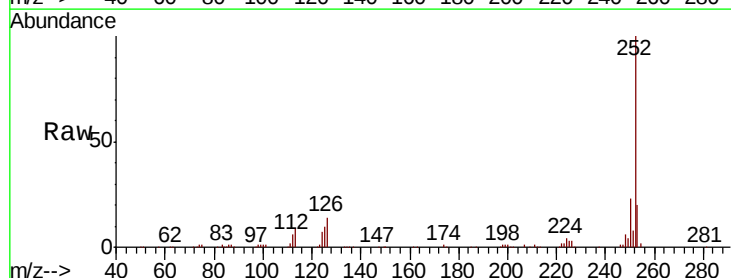
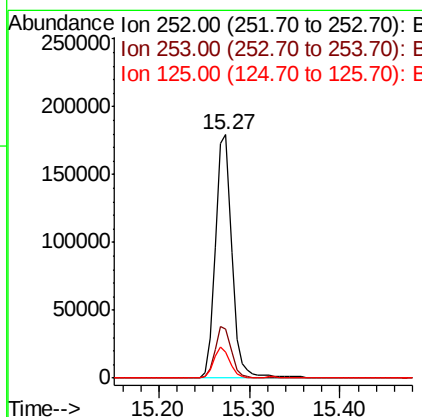
Manual Integrations
APPROVED

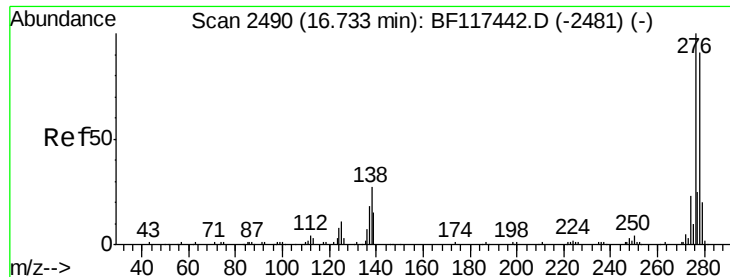
mohammad
10/23/2019 8:05:59 AM



#90
Benzo(a)pyrene
Concen: 43.475 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	16.3	24.5
125	10.5	9.2	13.8





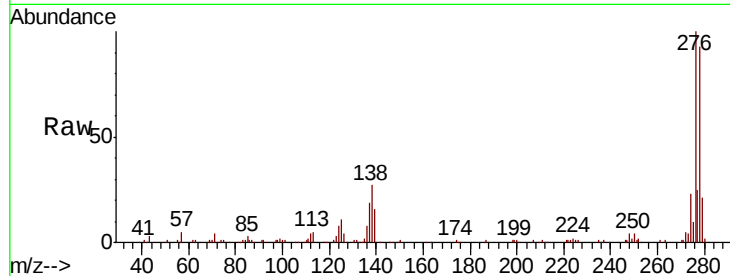
#91
Dibenzo(a,h)anthracene
Concen: 43.232 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB124054BSD

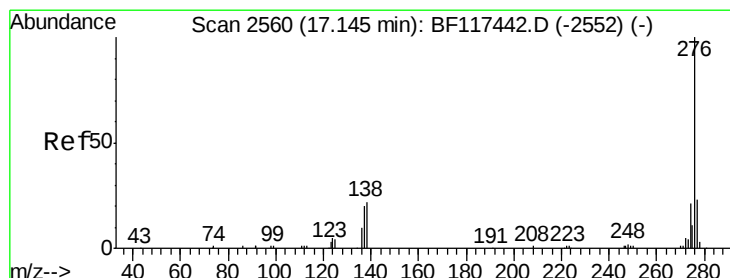
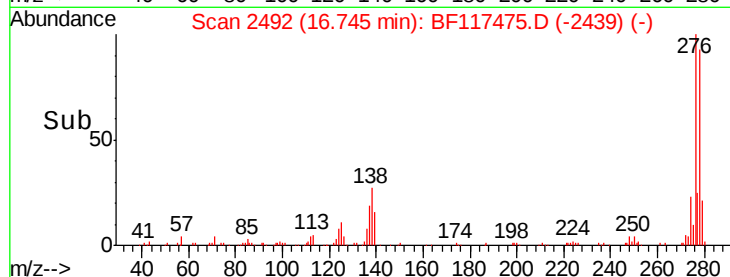
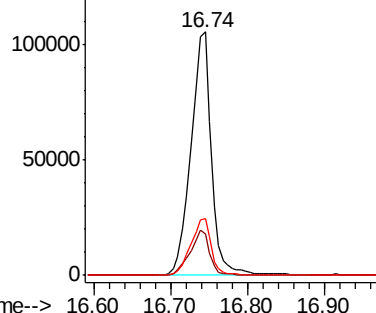
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.4	20.0
279	23.1	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/23/2019 8:05:59 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.297 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	24.5	17.8	26.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

