

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117474.D
 Acq On : 22 Oct 2019 13:19
 Operator : JU
 Sample : PB124054BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Manual Integrations
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mohammad
 10/23/2019 8:05:55 AM

Quant Time: Oct 22 14:55:47 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	45816	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	201229	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	106709	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	176057	20.00	ng	0.00
76) Chrysene-d12	13.90	240	120344	20.00	ng	0.00
87) Perylene-d12	15.33	264	97940	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	370760	120.39	ng	0.02
7) Phenol-d6	6.39	99	488926	118.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	258582	63.44	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	109533	118.63	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	480166	63.40	ng	0.00
79) Terphenyl-d14	12.83	244	469512	63.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	51944	40.118	ng	# 96
3) Pyridine	3.26	79	120607	38.050	ng	99
4) n-Nitrosodimethylamine	3.20	42	52737	45.862	ng	94
6) Aniline	6.40	93	169632	34.932	ng	# 21
8) 2-Chlorophenol	6.53	128	150854	46.421	ng	96
9) Benzaldehyde	6.29	77	95432	50.675	ng	93
10) Phenol	6.40	94	188852	44.734	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	139166	44.567	ng	99
12) 1,3-Dichlorobenzene	6.67	146	150255	41.433	ng	98
13) 1,4-Dichlorobenzene	6.75	146	157157	42.719	ng	96
14) 1,2-Dichlorobenzene	6.90	146	149081	42.991	ng	97
15) Benzyl Alcohol	6.89	79	136639	46.237	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	142635	42.343	ng	70
17) 2-Methylphenol	7.00	107	121042	45.278	ng	93
18) Hexachloroethane	7.24	117	60645	42.234	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	116249	46.019	ng	97
20) 3+4-Methylphenols	7.16	107	166512	47.507	ng	# 78
22) Acetophenone	7.15	105	223686	41.862	ng	# 95
24) Nitrobenzene	7.32	77	172731	44.244	ng	97
25) Isophorone	7.56	82	318324	45.144	ng	99
26) 2-Nitrophenol	7.64	139	81246	46.660	ng	96
27) 2,4-Dimethylphenol	7.68	122	135424	52.042	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	191332	43.974	ng	99
29) 2,4-Dichlorophenol	7.89	162	125179	45.863	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	122777	41.917	ng	97
31) Naphthalene	8.04	128	435153	43.628	ng	99
32) Benzoic acid	7.84	122	77413	43.433	ng	97
33) 4-Chloroaniline	8.09	127	112845	26.807	ng	98
34) Hexachlorobutadiene	8.16	225	68228	40.245	ng	99
35) Caprolactam	8.47	113	39125m	44.622	ng	
36) 4-Chloro-3-methylphenol	8.59	107	147510	47.388	ng	98
37) 2-Methylnaphthalene	8.73	142	301636	44.880	ng	99
38) 1-Methylnaphthalene	8.83	142	285278	45.171	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	117187	40.774	ng	99

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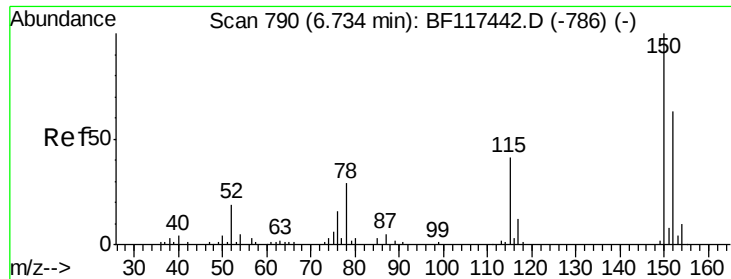
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	67376	84.115	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	77490	43.054	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	85016	46.614	nq	97
46) 1,1'-Biphenyl	9.19	154	360958	40.860	nq	99
47) 2-Chloronaphthalene	9.22	162	276116	41.454	nq	100
48) 2-Nitroaniline	9.32	65	89756	41.049	nq	96
49) Acenaphthylene	9.63	152	436403	44.606	nq	99
50) Dimethylphthalate	9.49	163	332285	43.680	nq	99
51) 2,6-Dinitrotoluene	9.56	165	70358	44.322	nq	89
52) Acenaphthene	9.80	154	257385	42.880	nq	99
53) 3-Nitroaniline	9.73	138	53848	27.957	nq	98
54) 2,4-Dinitrophenol	9.86	184	50523	77.105	nq	97
55) Dibenzofuran	9.97	168	384234	44.183	nq	98
56) 4-Nitrophenol	9.92	139	75449	84.836	nq	98
57) 2,4-Dinitrotoluene	9.97	165	95959	45.467	nq	94
58) Fluorene	10.32	166	311562	43.323	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	64080	44.704	nq	98
60) Diethylphthalate	10.19	149	338264	43.962	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	140948	43.684	nq	99
62) 4-Nitroaniline	10.36	138	72409	39.885	nq	98
63) Azobenzene	10.47	77	359397	45.628	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	38246	42.727	nq	96
66) n-Nitrosodiphenylamine	10.43	169	278571	43.281	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	79443	41.893	nq	96
68) Hexachlorobenzene	10.87	284	83023	40.880	nq	# 87
69) Atrazine	10.96	200	86889	53.060	nq	96
70) Pentachlorophenol	11.07	266	65833	108.132	nq	97
71) Phenanthrene	11.28	178	438270	42.871	nq	98
72) Anthracene	11.33	178	454131	43.294	nq	99
73) Carbazole	11.49	167	406648	42.421	nq	100
74) Di-n-butylphthalate	11.81	149	559747	43.701	nq	99
75) Fluoranthene	12.47	202	437100	42.711	nq	98
77) Benzidine	12.59	184	189488	70.498	nq	100
78) Pyrene	12.70	202	439904	42.557	nq	99
80) Butylbenzylphthalate	13.30	149	220543	42.875	nq	98
81) Benzo(a)anthracene	13.89	228	339916	41.874	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	88694	34.819	nq	97
83) Chrysene	13.93	228	334624	42.060	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	324340	45.012	nq	97
85) Di-n-octyl phthalate	14.48	149	525964	47.476	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	229629	38.659	nq	99
88) Benzo(b)fluoranthene	14.92	252	257804	44.576	nq	98
89) Benzo(k)fluoranthene	14.95	252	277887	46.879	nq	98
90) Benzo(a)pyrene	15.27	252	228426	43.441	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	198689	43.699	nq	98
92) Benzo(g,h,i)perylene	17.16	276	186989	43.465	nq	99

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



#1

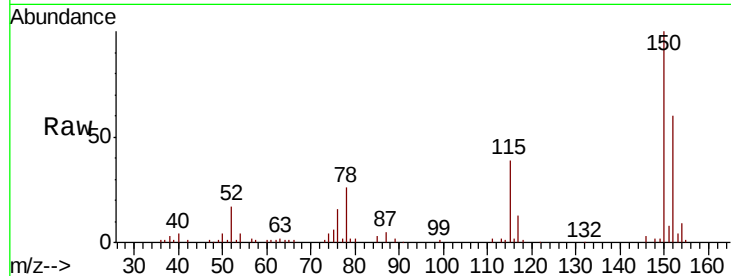
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.3	126.8	190.2
115	65.7	51.6	77.4

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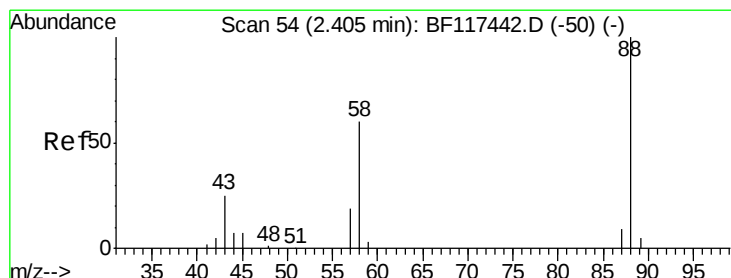
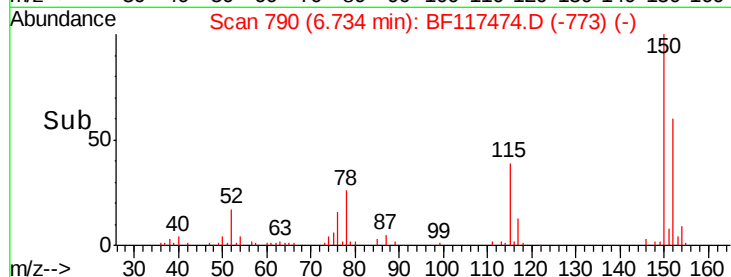
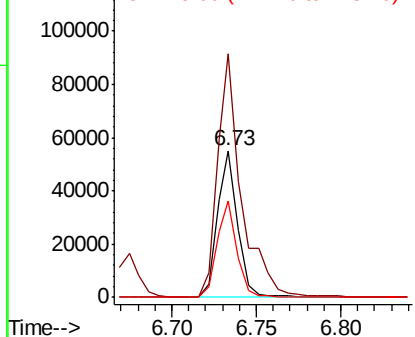


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

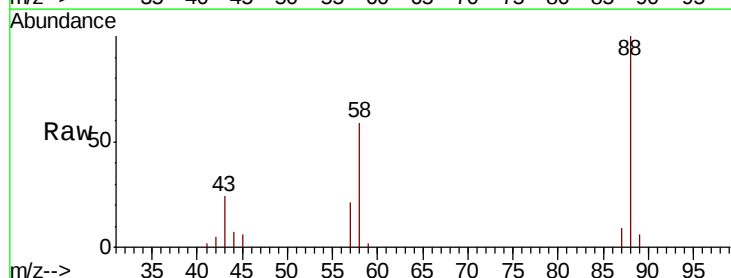
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.118 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.13 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.1	48.8	73.2
43	28.0	18.5	27.7

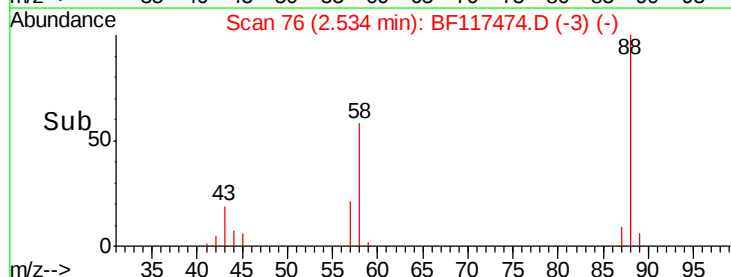
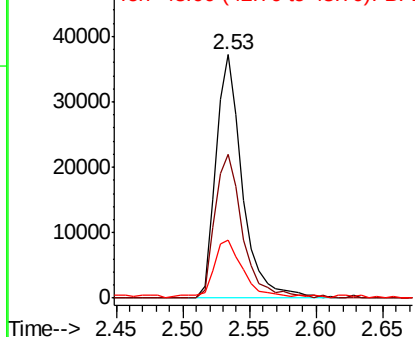


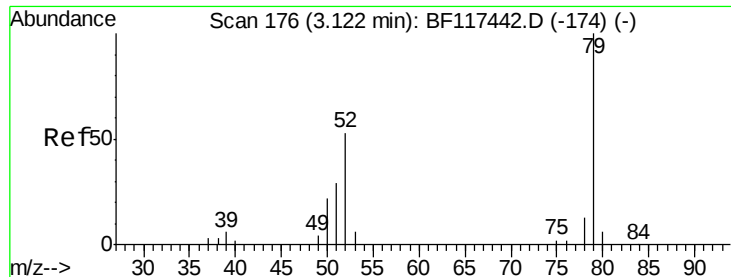
Abundance

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





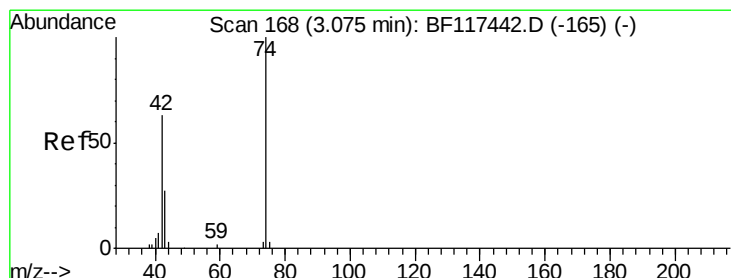
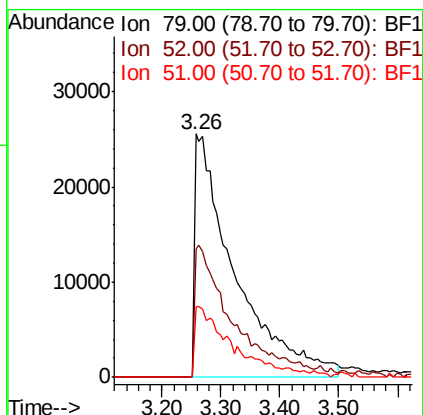
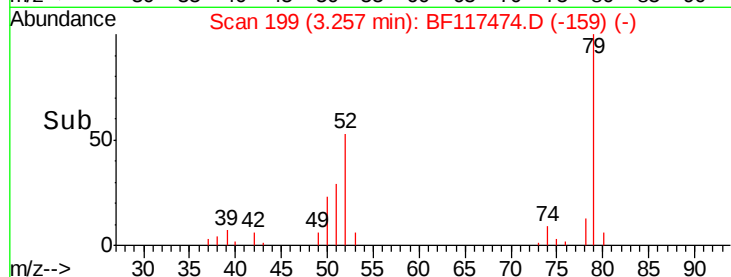
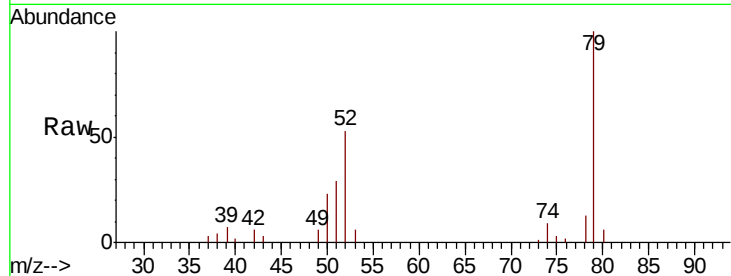
#3
 Pvridine
 Concen: 38.050 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.14 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion:	79	Resp:	120607
Ion	Ratio	Lower	Upper
79	100		
52	52.5	42.4	63.6
51	29.3	23.3	34.9

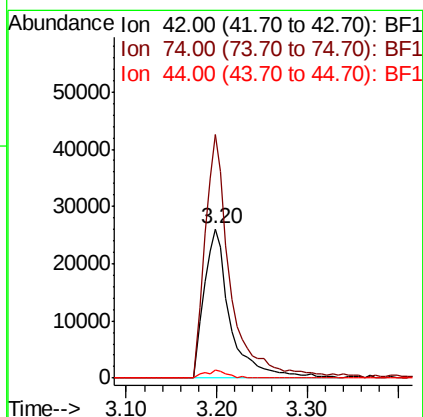
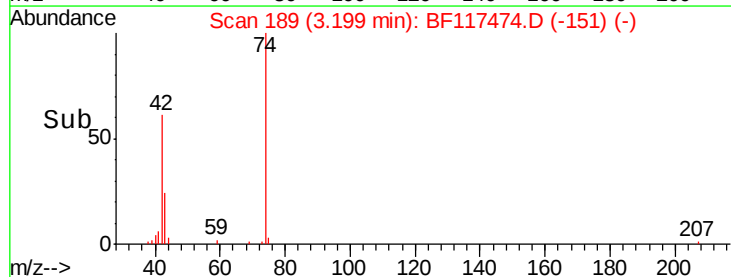
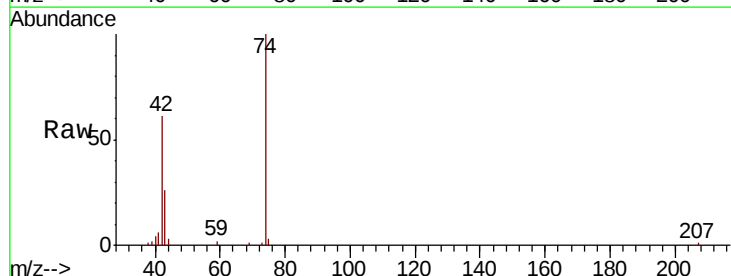
Manual Integrations
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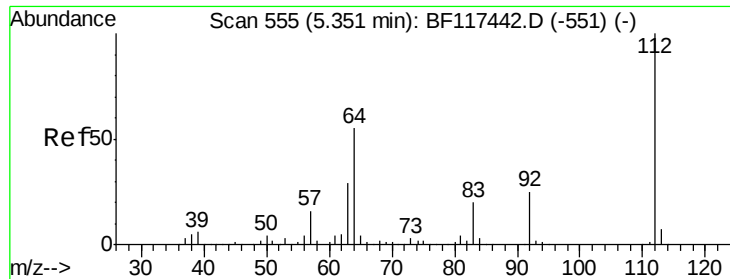
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#4
 n-Nitrosodimethylamine
 Concen: 45.862 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.12 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:	42	Resp:	52737
Ion	Ratio	Lower	Upper
42	100		
74	163.4	124.2	186.4
44	5.3	4.2	6.4





#5

2-Fluorophenol

Concen: 120.391 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

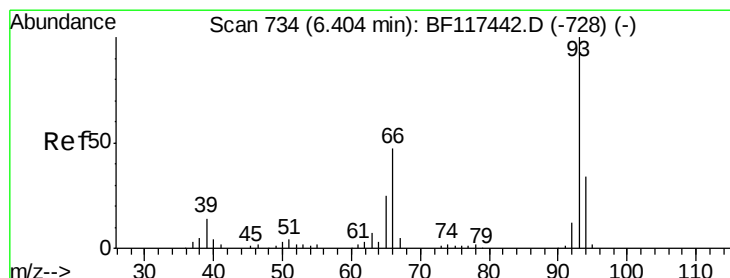
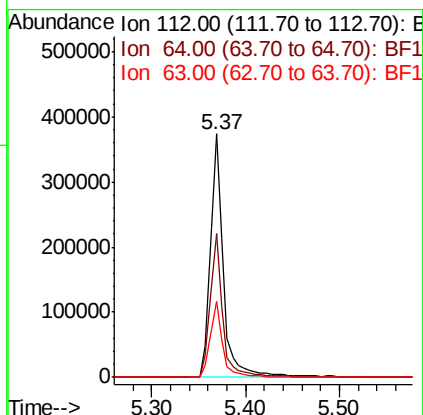
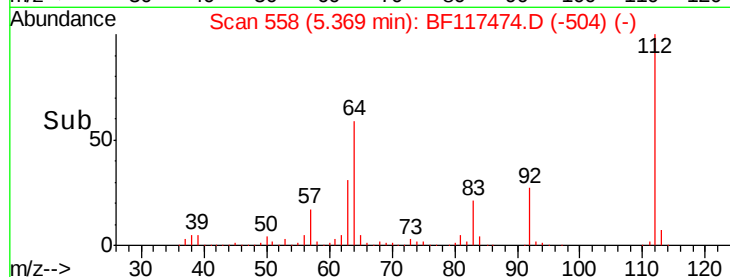
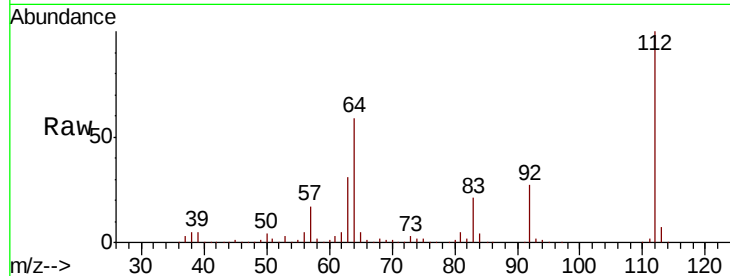
ClientSampleId :

PB124054BS

Tot Ion:	112	Resp:	370760
Ion Ratio	Lower	Upper	
112	100		
64	58.8	44.1	66.1
63	31.2	23.4	35.2

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#6

Aniline

Concen: 34.932 ng

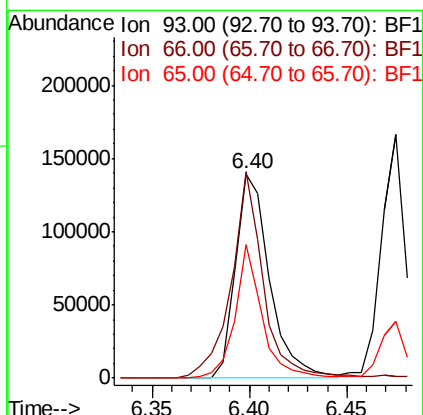
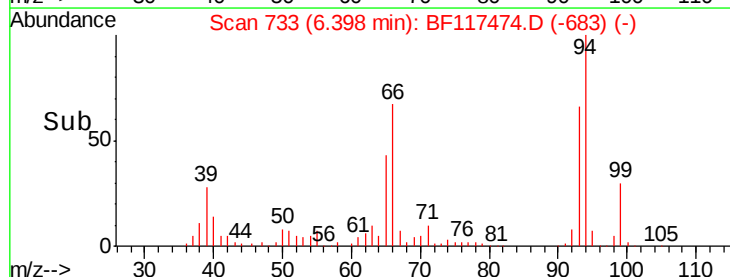
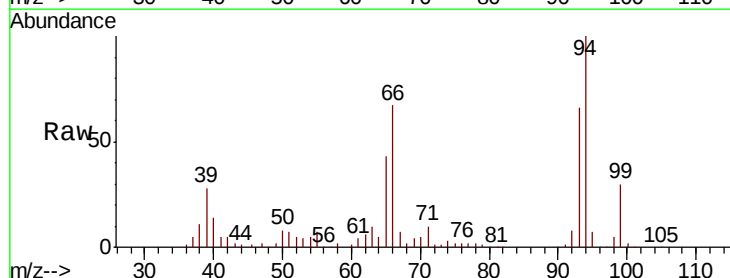
RT: 6.40 min Scan# 733

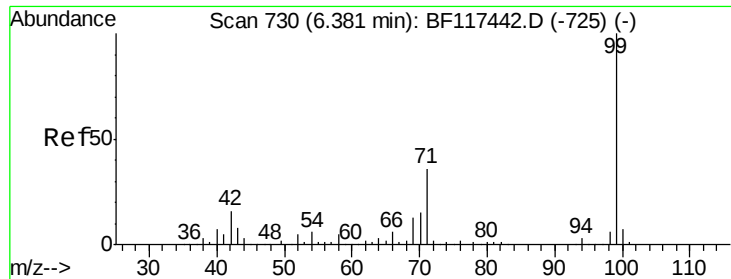
Delta R.T. -0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion:	93	Resp:	169632
Ion Ratio	Lower	Upper	
93	100		
66	101.1	38.7	58.1#
65	65.5	20.1	30.1#





#7

Phenol-d6

Concen: 118.203 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

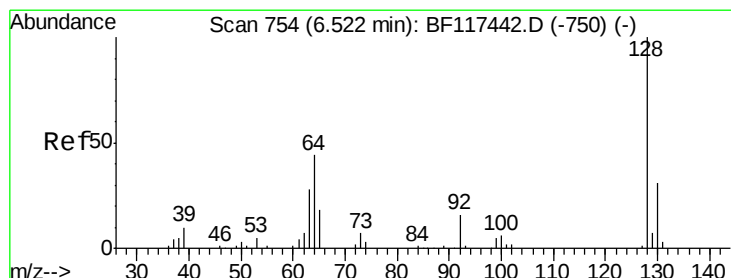
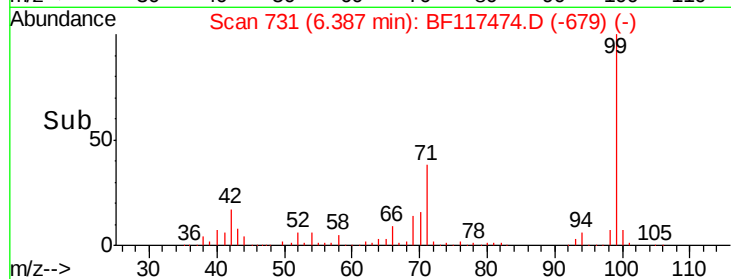
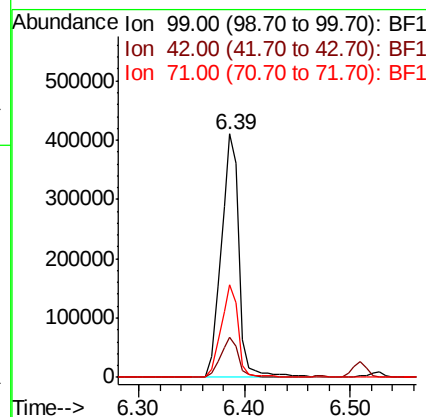
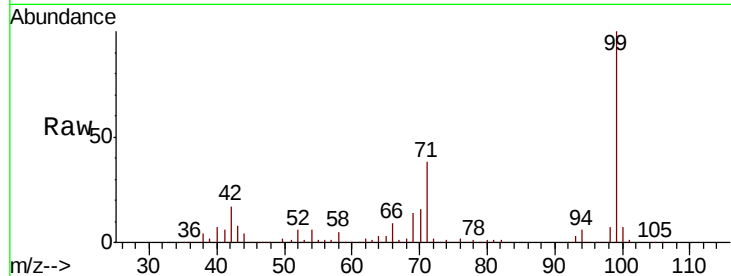
ClientSampled :

PB124054BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		488926		
42	16.6	12.8	19.2		
71	38.1	28.6	43.0		

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#8

2-Chlorophenol

Concen: 46.421 ng

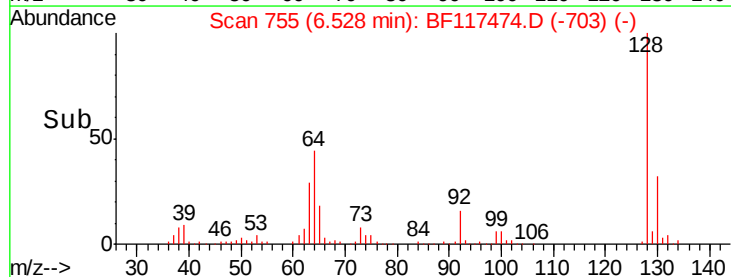
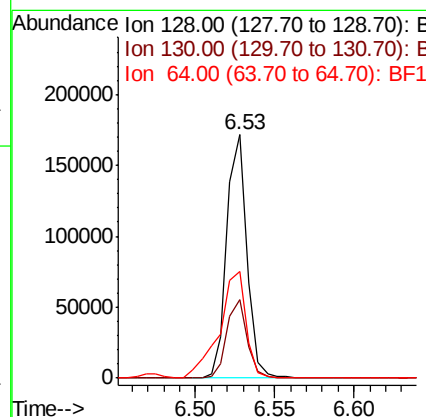
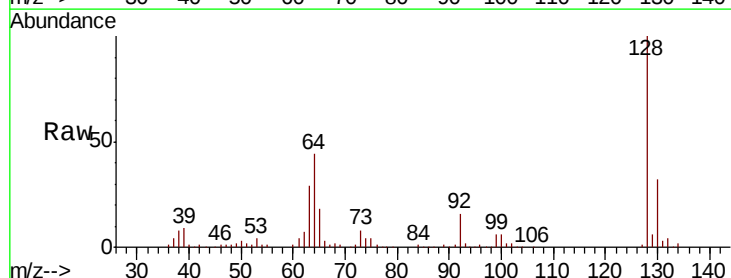
RT: 6.53 min Scan# 755

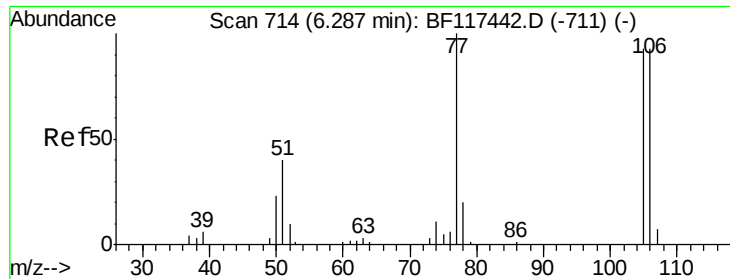
Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		150854		
130	32.0	11.1	51.1		
64	43.9	27.1	67.1		





#9

Benzaldehyde

Concen: 50.675 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB124054BS

Tot Ion: 77 Resp: 95432

Ion Ratio Lower Upper

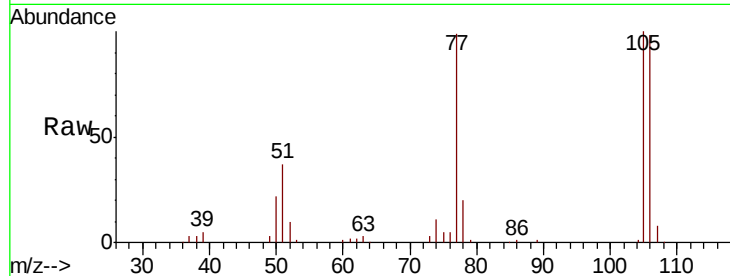
77 100

105 100.9 73.4 113.4

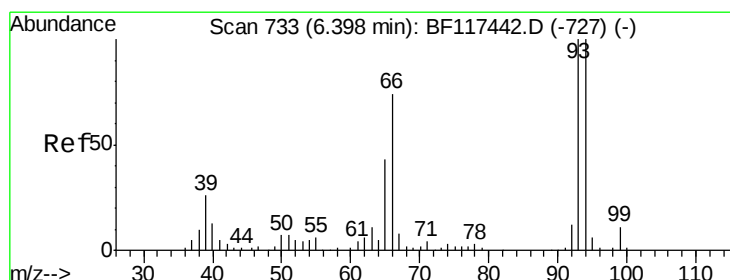
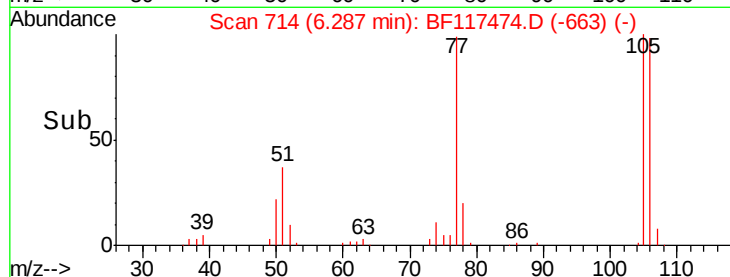
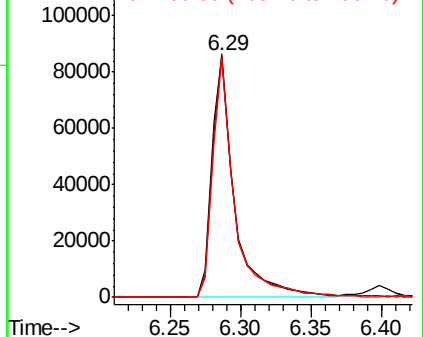
106 98.7 73.0 113.0

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.734 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

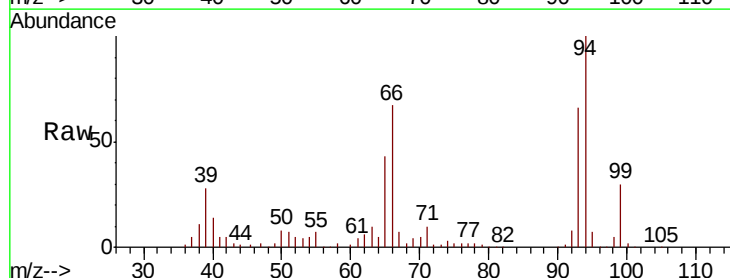
Tgt Ion: 94 Resp: 188852

Ion Ratio Lower Upper

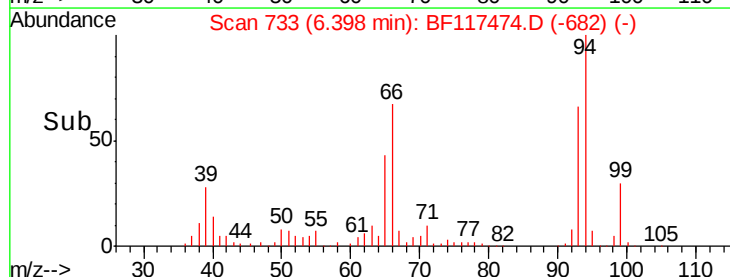
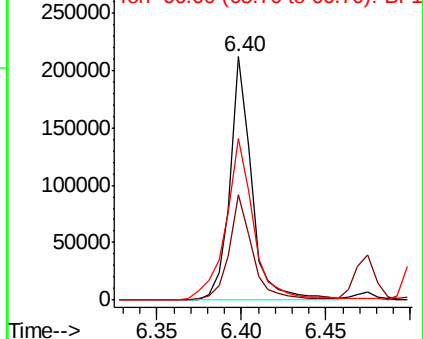
94 100

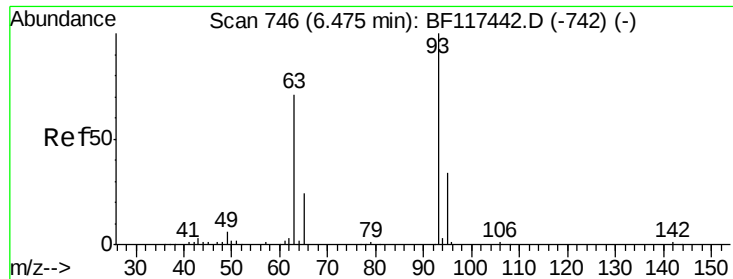
65 43.1 23.4 63.4

66 66.6 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





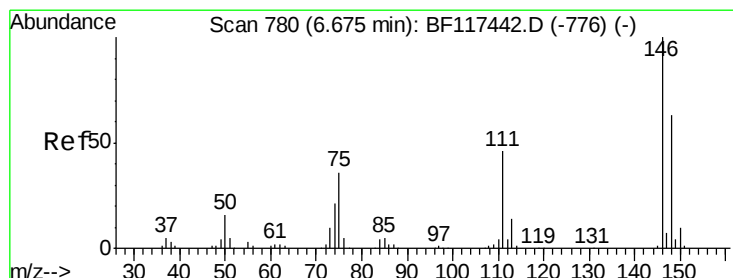
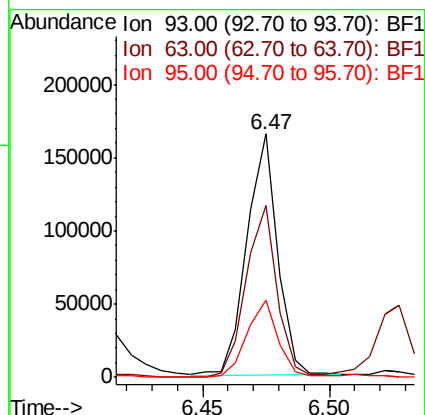
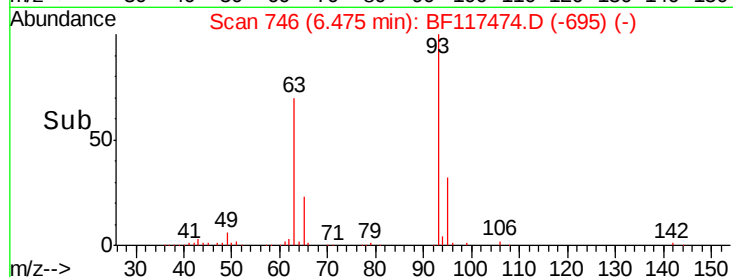
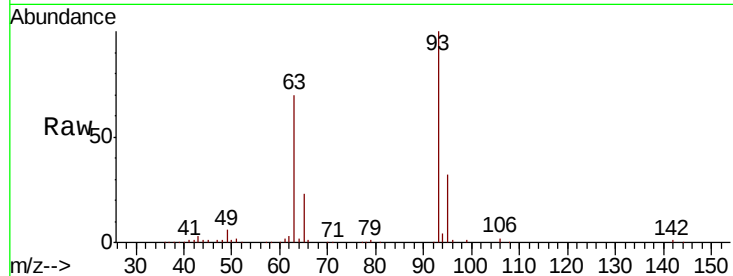
#11
bis(2-Chloroethyl)ether
Concen: 44.567 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion:	93	Resp:	139166
Ion Ratio	Lower	Upper	
93	100		
63	70.5	50.2	90.2
95	31.9	13.9	53.9

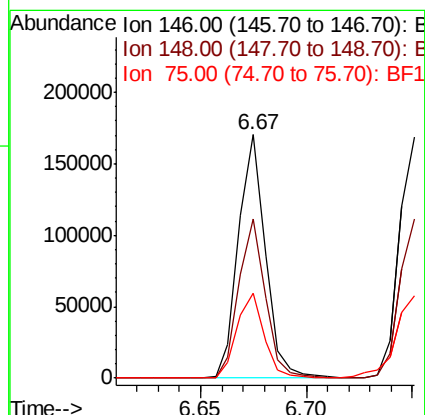
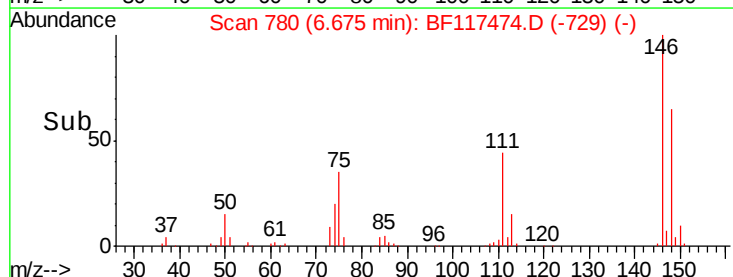
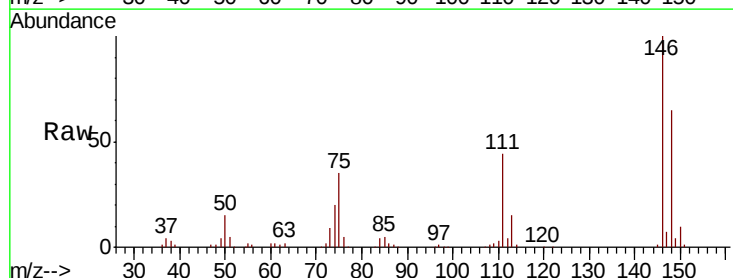
Manual Integrations
APPROVED

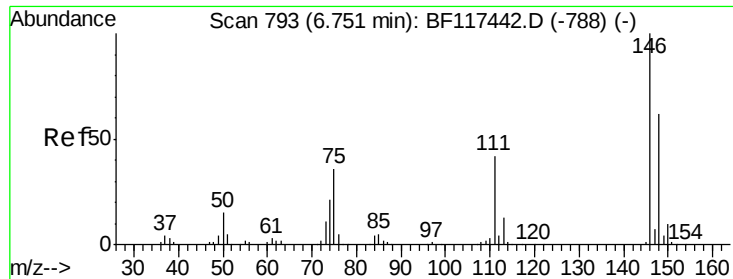
mohammad
10/23/2019 8:05:55 AM



#12
1,3-Dichlorobenzene
Concen: 41.433 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:	146	Resp:	150255
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.6	75.8
75	34.7	28.6	43.0





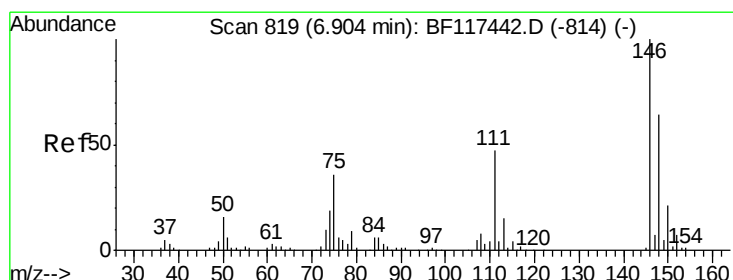
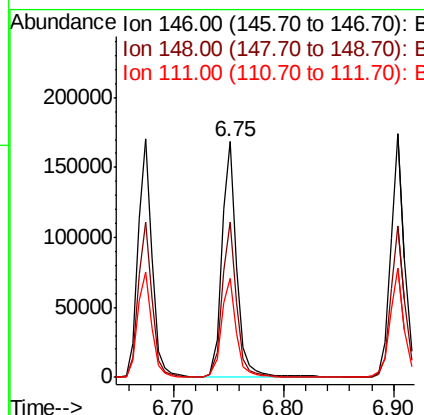
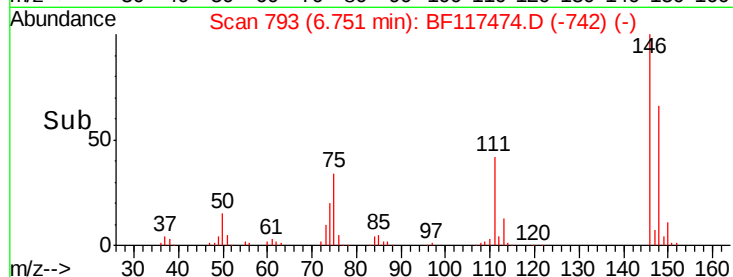
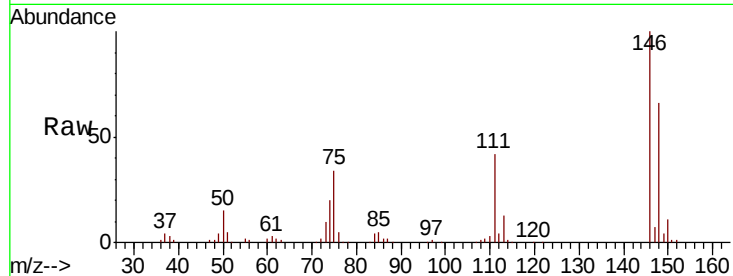
#13
 1,4-Dichlorobenzene
 Concen: 42.719 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.3	73.9
111	42.2	33.6	50.4

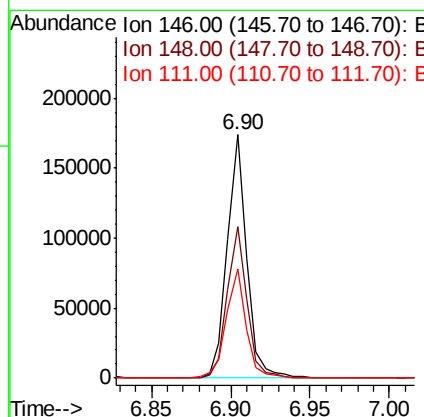
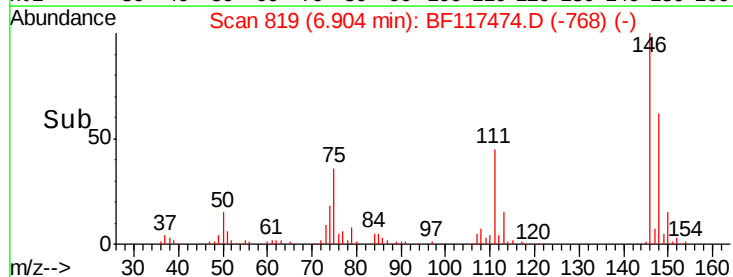
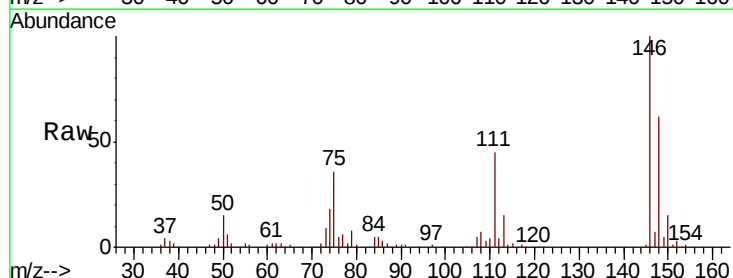
Manual Integrations
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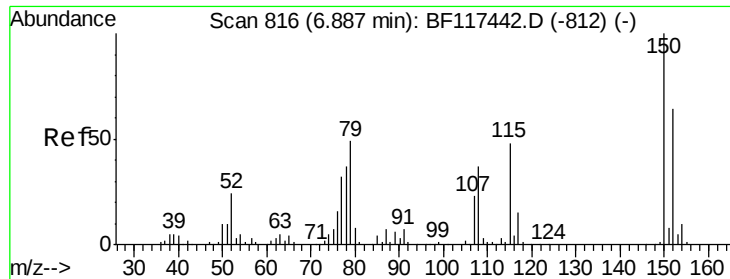
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.991 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
111	45.1	37.7	56.5





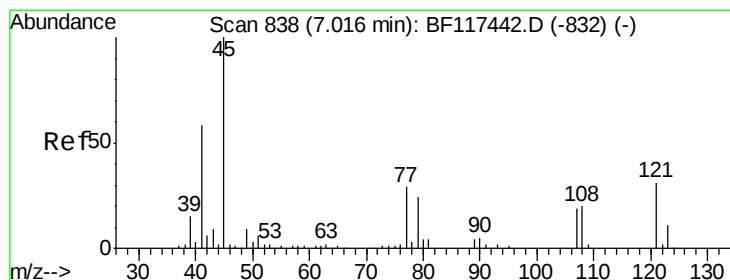
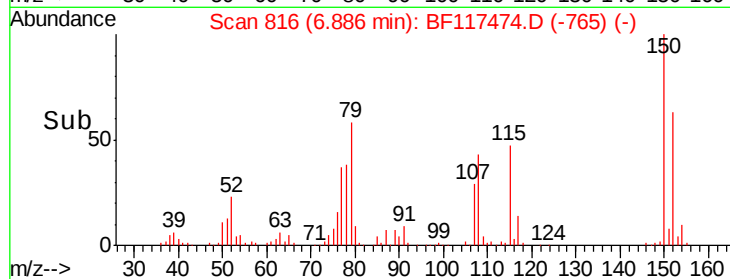
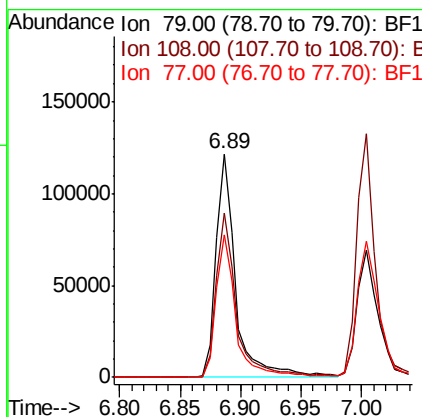
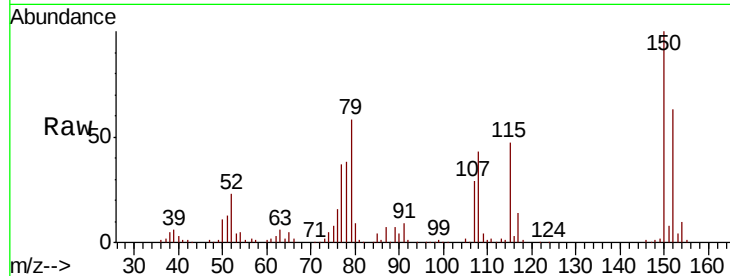
#15
Benzyl Alcohol
Concen: 46.237 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	59.8	89.8
77	63.9	51.4	77.0

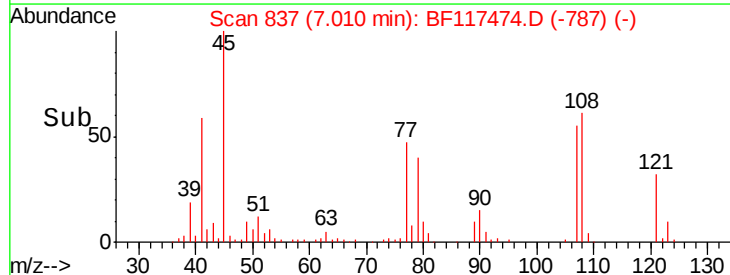
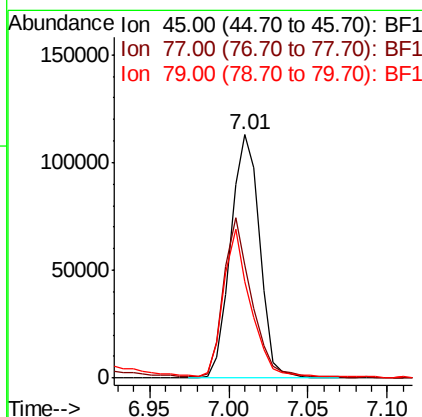
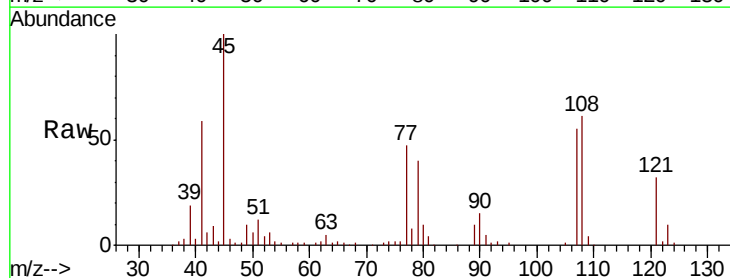
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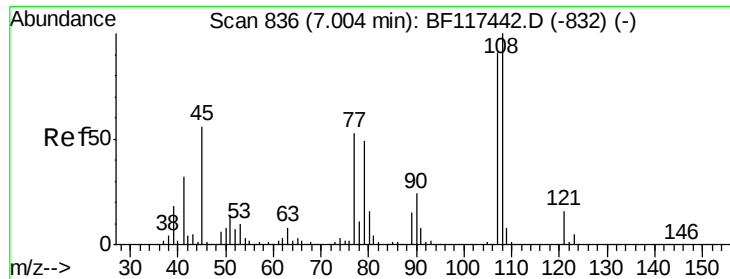
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.343 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	46.6	9.9	49.9
79	39.7	5.5	45.5





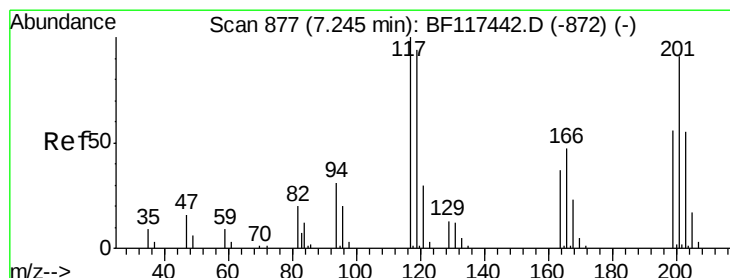
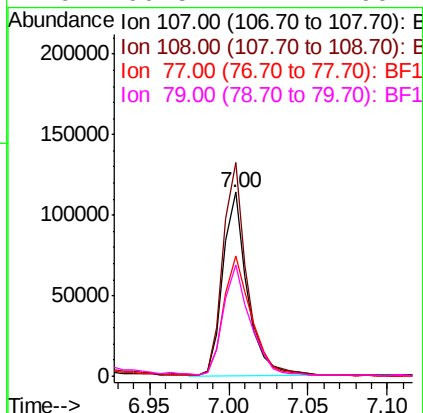
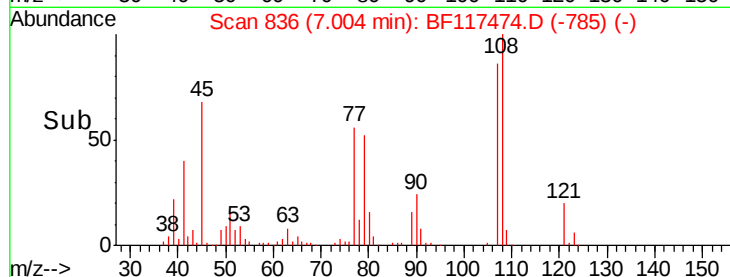
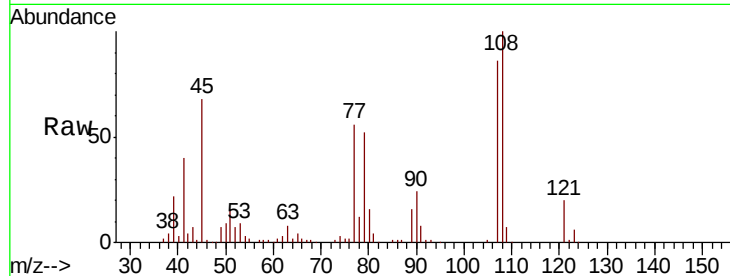
#17
2-Methylphenol
Concen: 45.278 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	88.0	132.0	
77	65.1	47.2	70.8	
79	60.5	44.1	66.1	

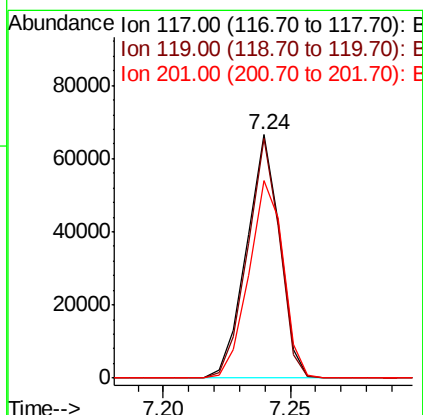
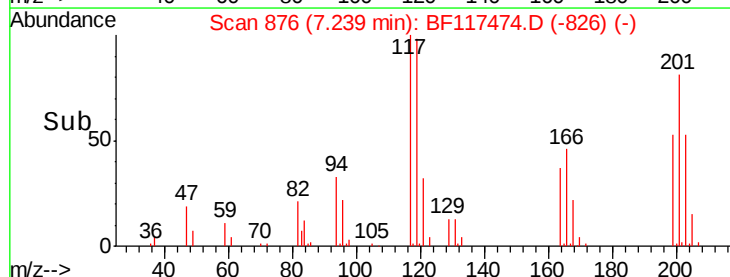
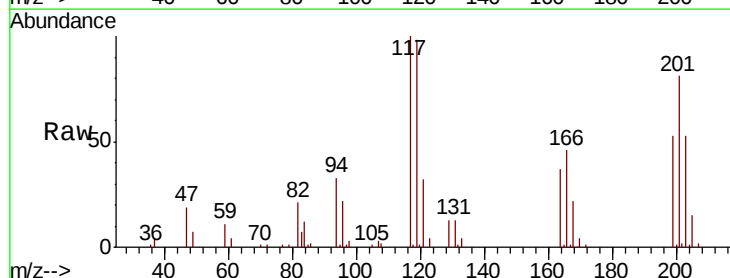
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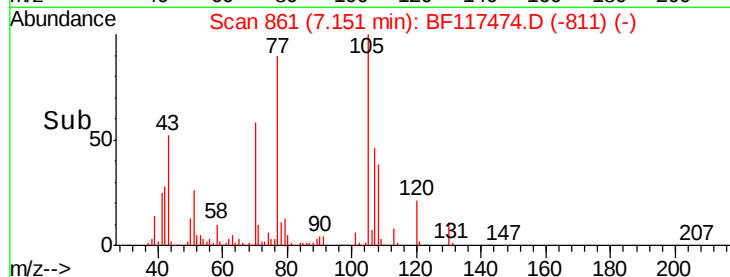
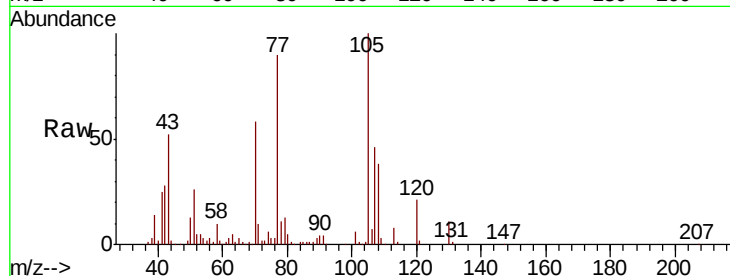
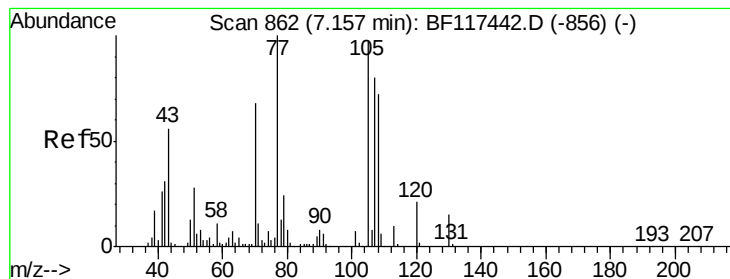
mohammad
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#18
Hexachloroethane
Concen: 42.234 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	75.4	113.0	
201	81.2	72.5	108.7	





#19

n-Nitroso-di-n-propylamine

Concen: 46.019 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB124054BS

Tot Ion: 70 Resp: 116249

Ion Ratio Lower Upper

70 100

42 47.8 36.7 55.1

101 10.0 8.3 12.5

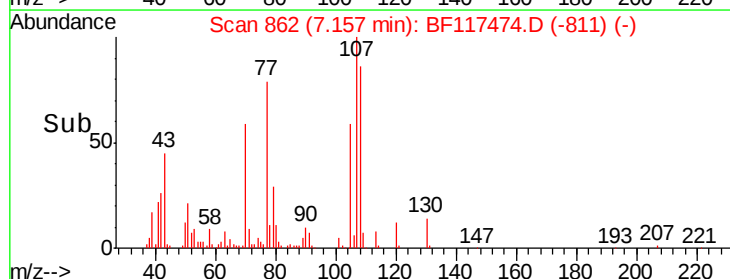
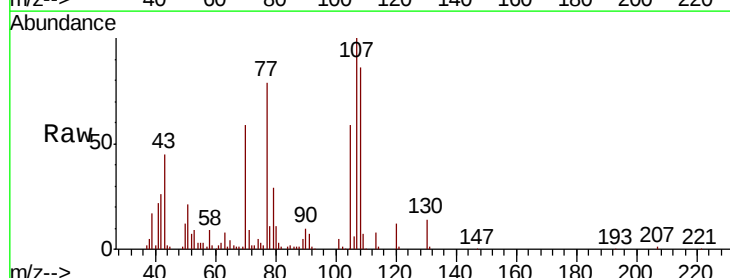
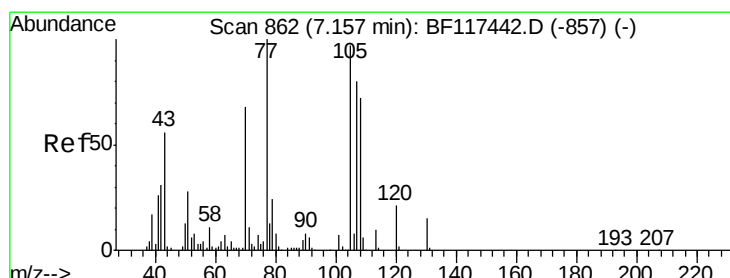
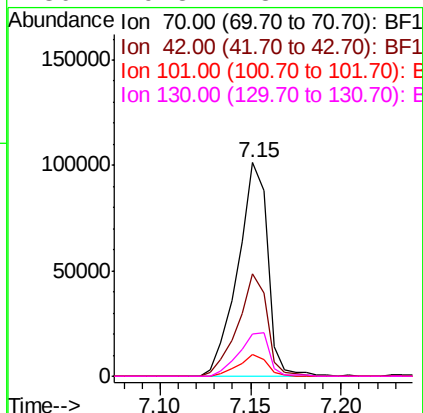
130 19.8 18.1 27.1

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#20

3+4-Methylphenols

Concen: 47.507 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion:107 Resp: 166512

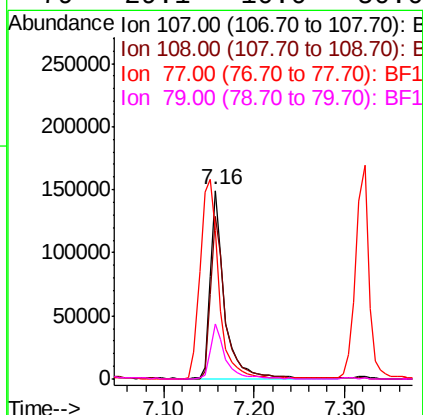
Ion Ratio Lower Upper

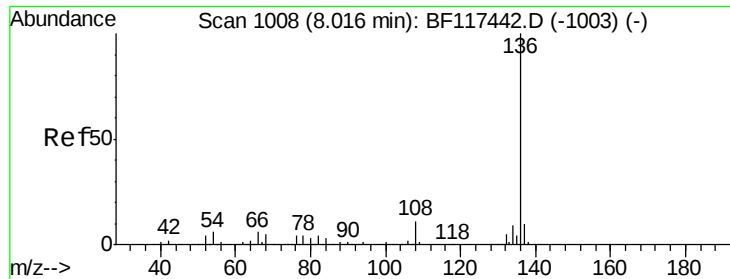
107 100

108 86.1 70.3 110.3

77 79.0 104.8 144.8#

79 29.1 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: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

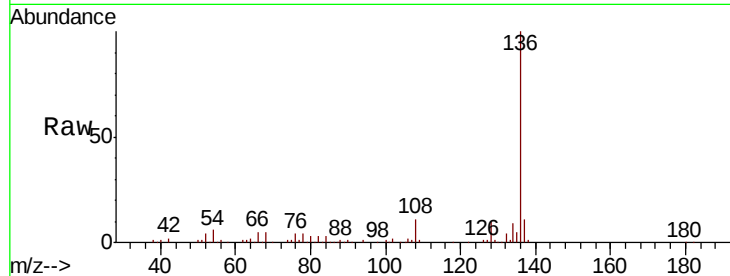
ClientSampleId :

PB124054BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		201229		
137	10.6	8.2	12.4		
54	5.8	4.5	6.7		
68	5.0	4.3	6.5		

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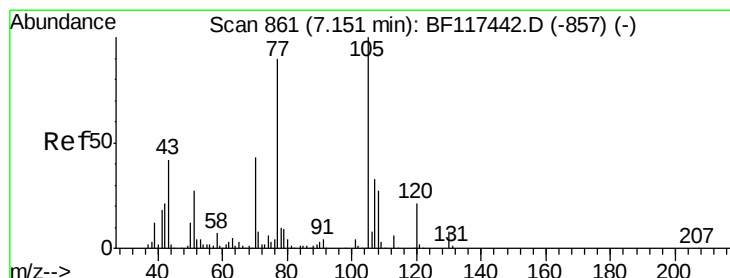
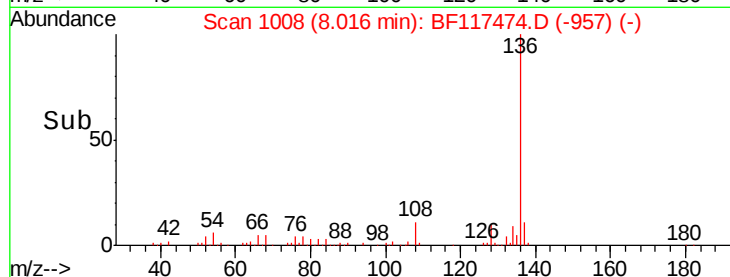
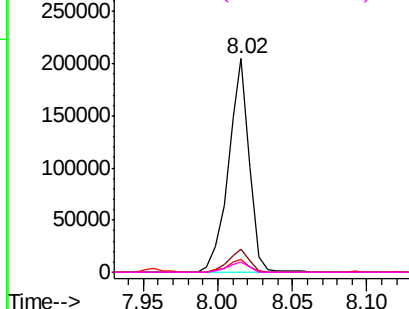
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.862 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		223686		
71	5.6	6.2	9.2#		
51	23.0	21.8	32.6		
120	20.8	16.7	25.1		

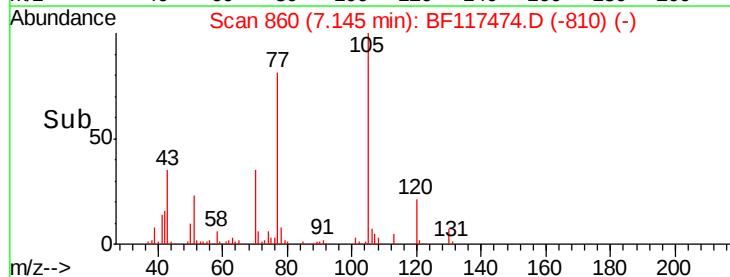
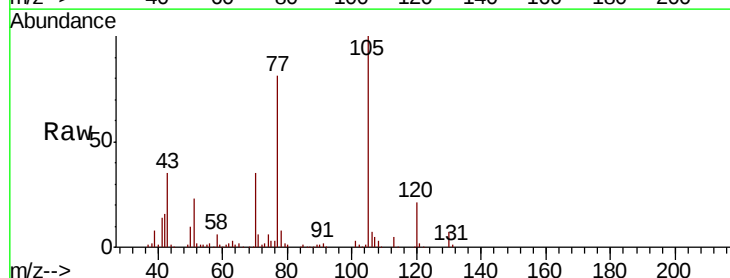
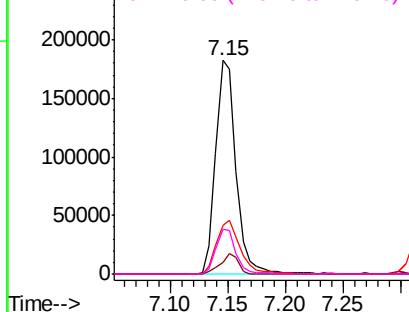
Abundance

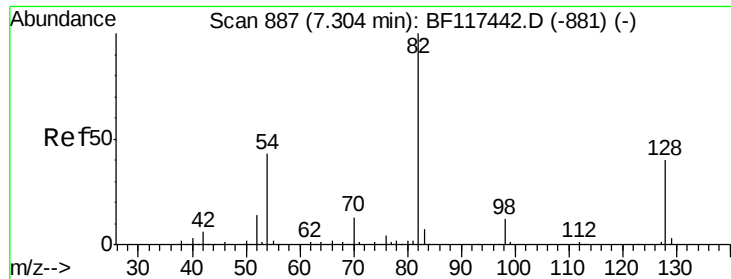
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





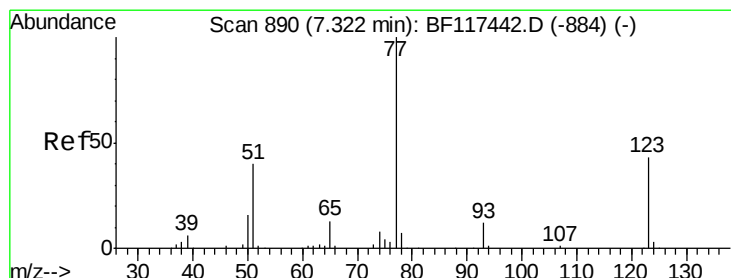
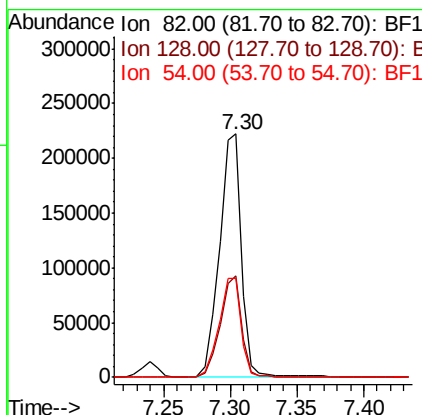
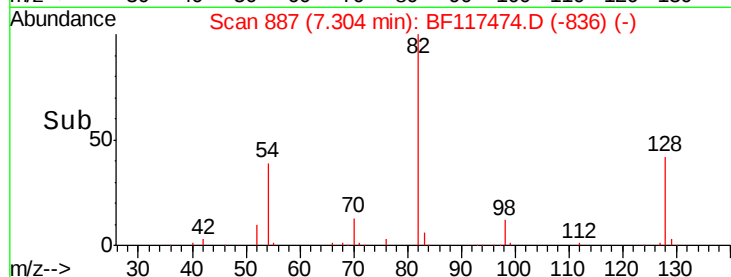
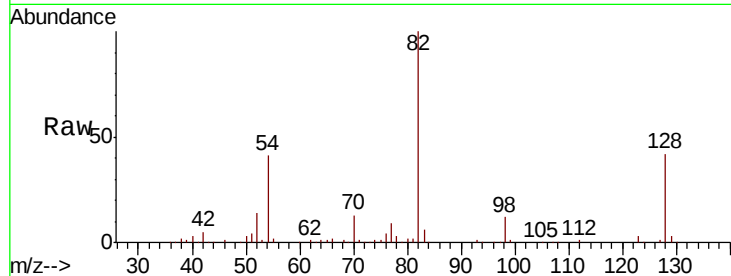
#23
Nitrobenzene-d5
Concen: 63.438 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	258582		
128	41.9	32.2	48.2	
54	40.8	34.2	51.2	

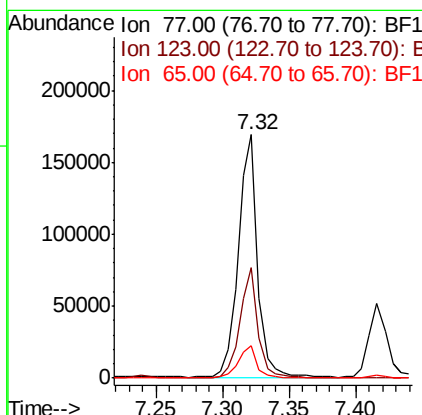
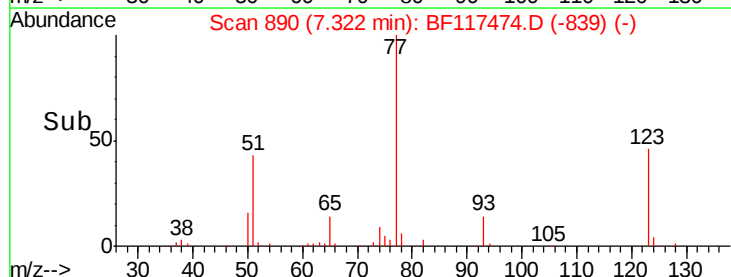
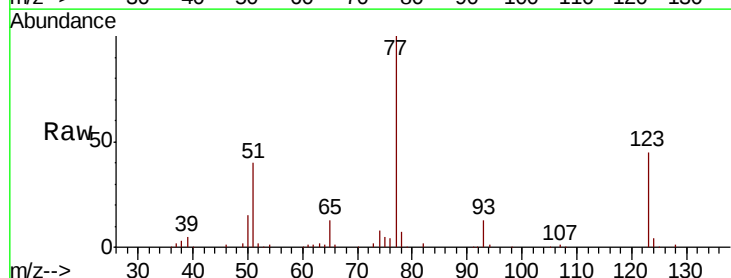
Manual Integrations
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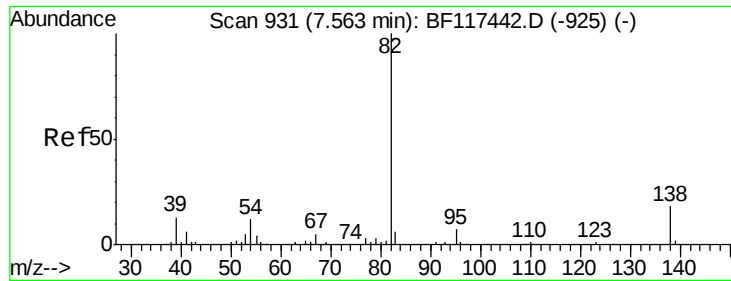
mohammad
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#24
Nitrobenzene
Concen: 44.244 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	172731		
123	45.2	34.2	51.2	
65	13.1	10.3	15.5	





#25

Isophorone

Concen: 45.144 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

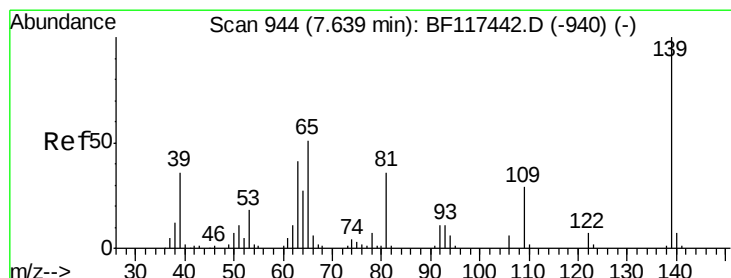
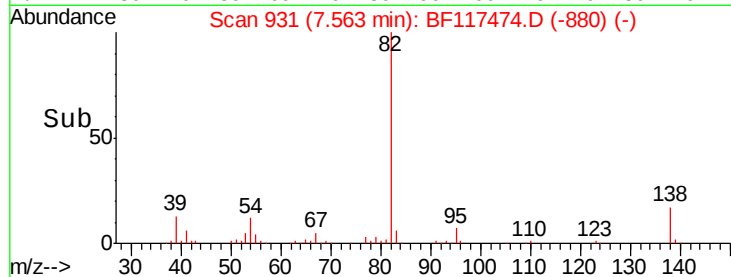
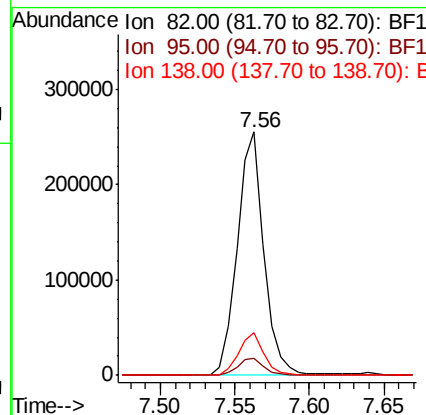
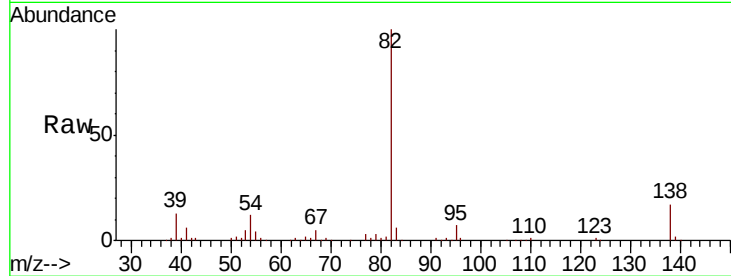
ClientSampleId :

PB124054BS

Tot Ion:	82	Resp:	318324
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.0
138	17.4	14.2	21.2

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#26

2-Nitrophenol

Concen: 46.660 ng

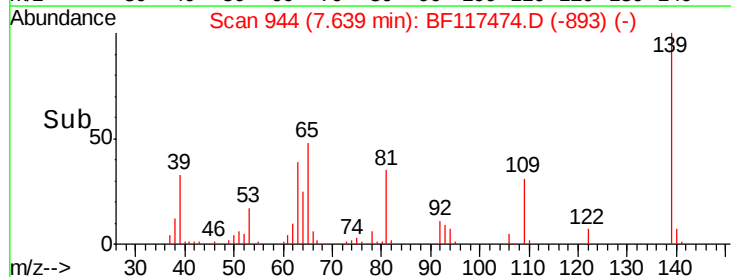
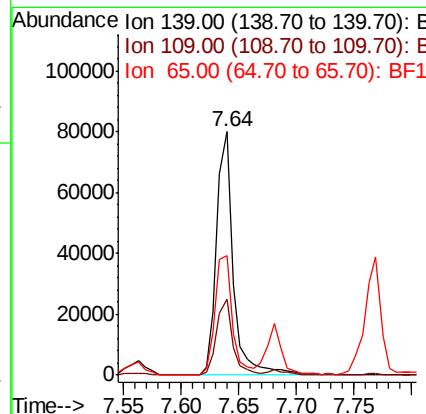
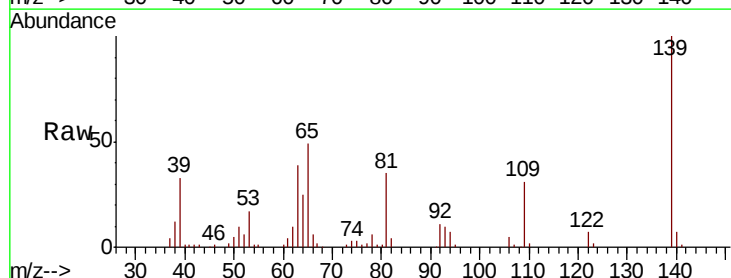
RT: 7.64 min Scan# 944

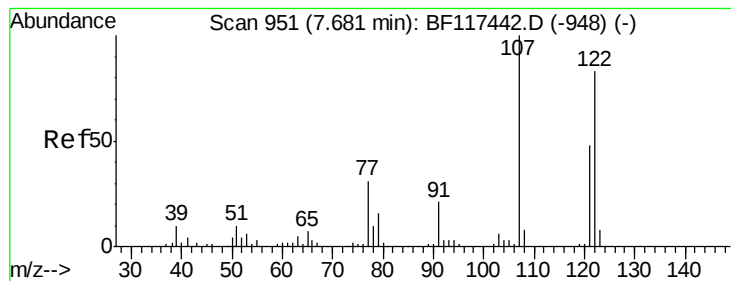
Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion:	139	Resp:	81246
Ion Ratio	Lower	Upper	
139	100		
109	31.4	23.2	34.8
65	49.3	41.1	61.7





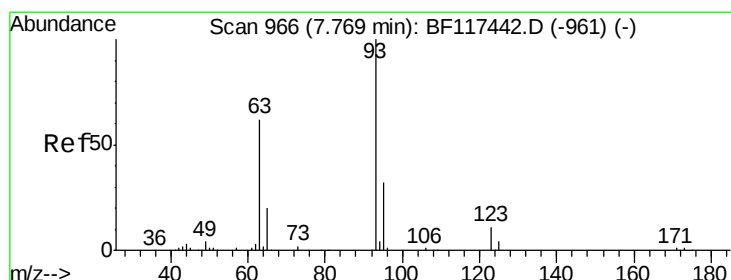
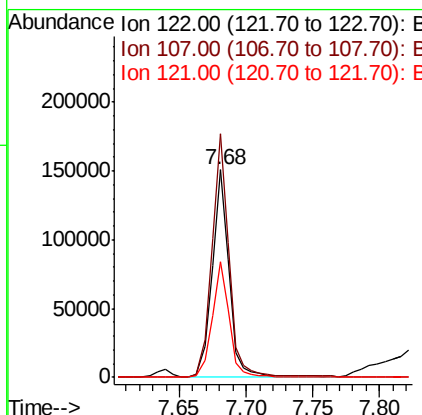
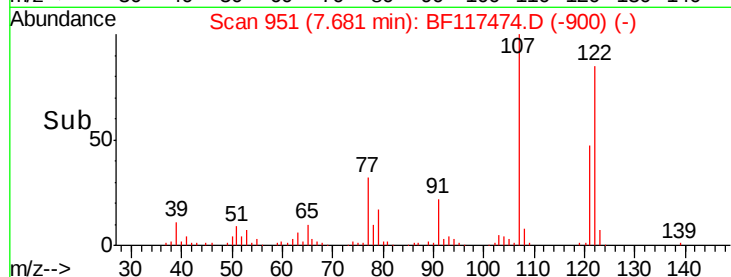
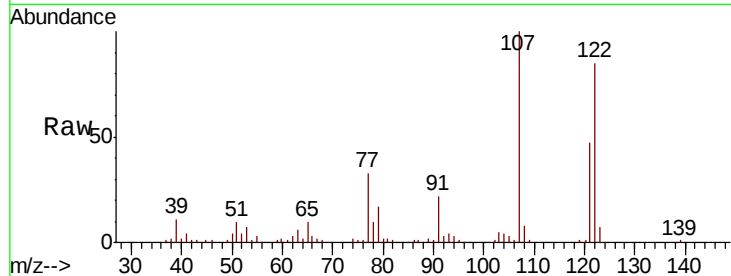
#27
 2,4-Dimethylphenol
 Concen: 52.042 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	135424		
107	117.3	96.8	145.2	
121	55.4	46.4	69.6	

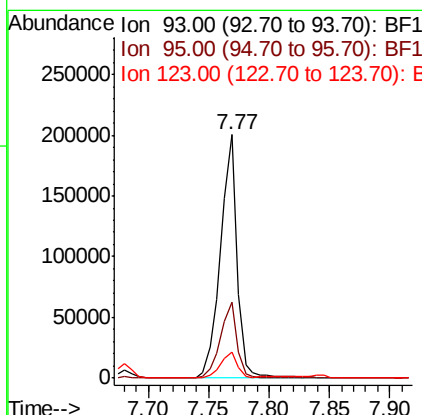
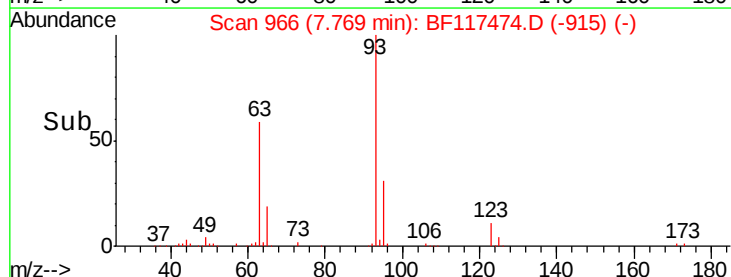
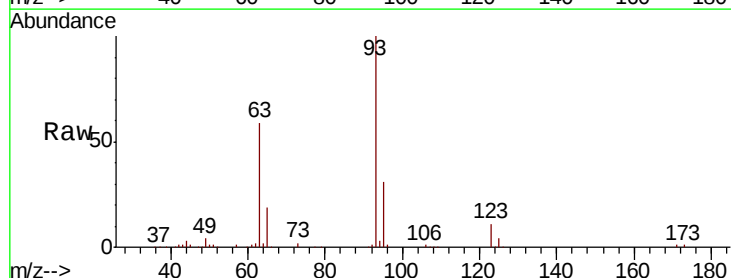
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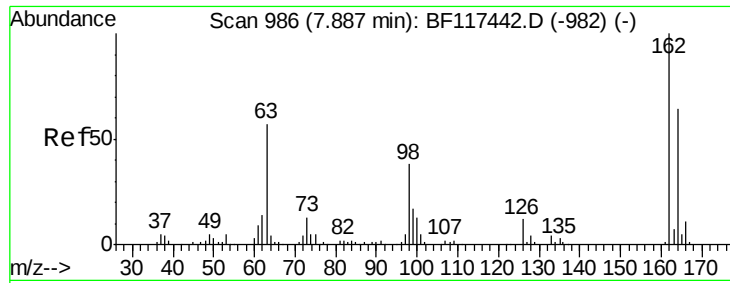
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.974 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	191332		
95	31.2	25.5	38.3	
123	10.9	9.0	13.6	





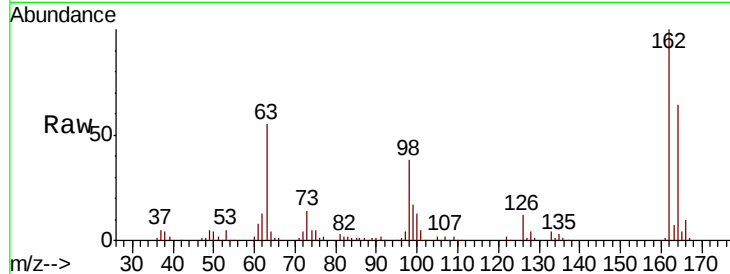
#29
2,4-Dichlorophenol
Concen: 45.863 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

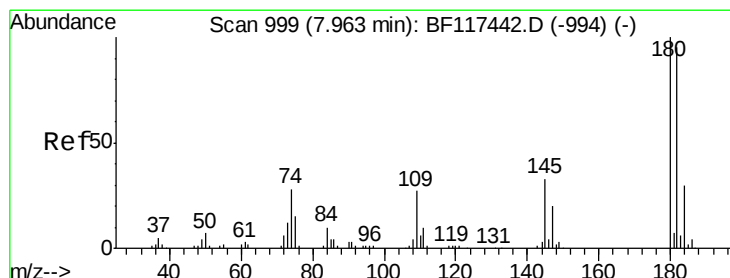
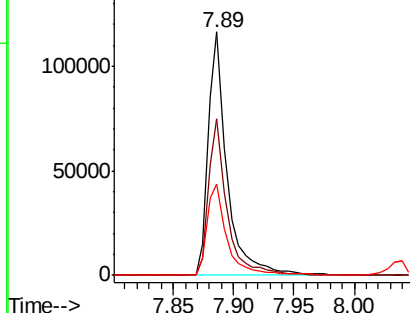
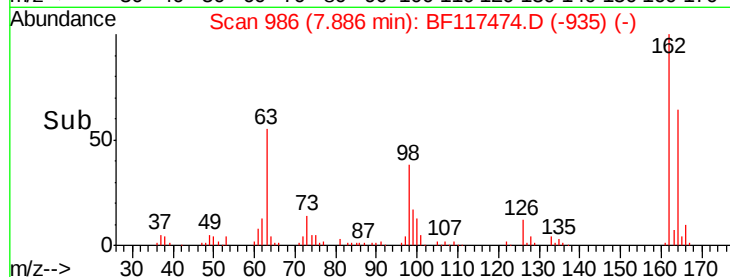
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.4	84.4
98	37.7	18.2	58.2

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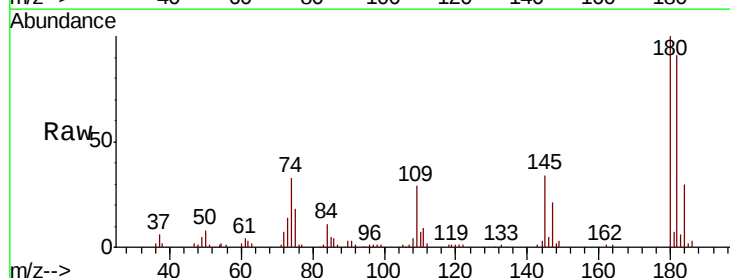


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

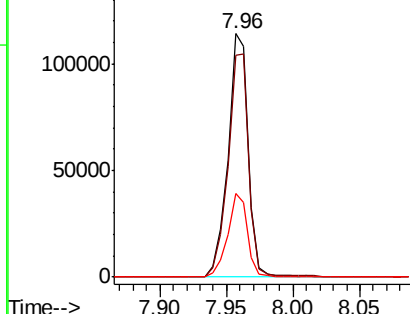
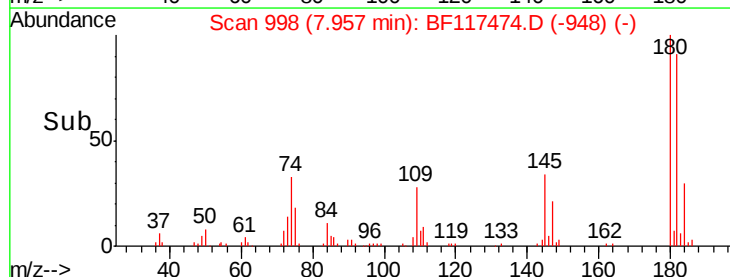


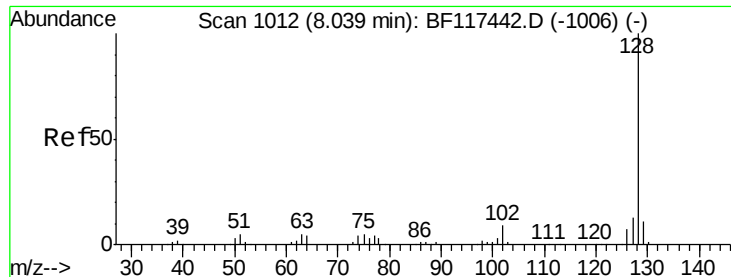
#30
1,2,4-Trichlorobenzene
Concen: 41.917 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.8	113.8
145	34.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.628 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

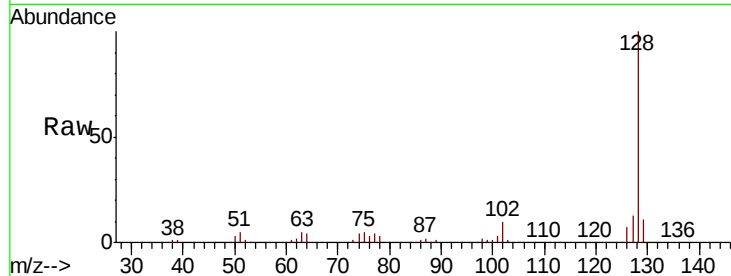
ClientSampleId :

PB124054BS

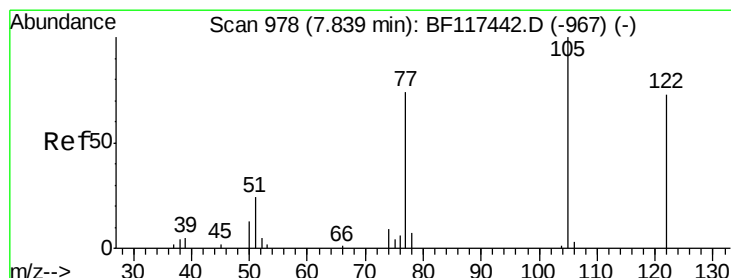
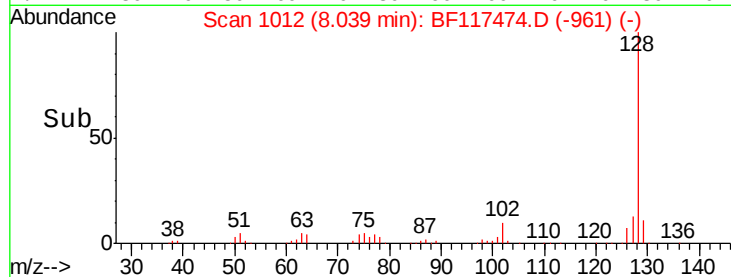
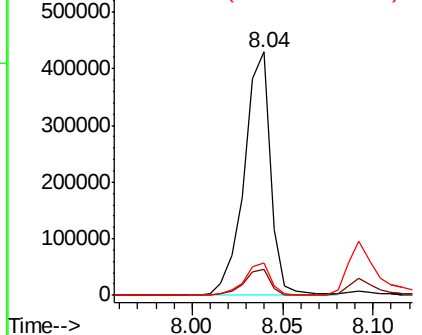
Tot Ion:	128	Resp:	435153
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.4
127	13.1	10.2	15.2

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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: 43.433 ng

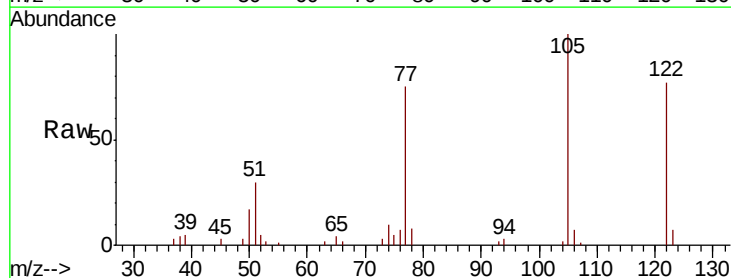
RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

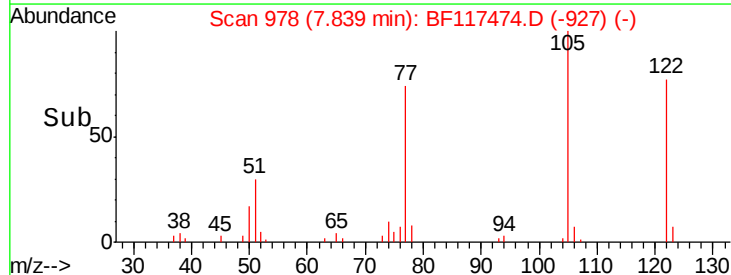
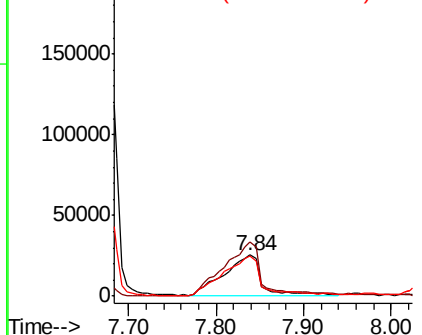
Lab File: BF117474.D

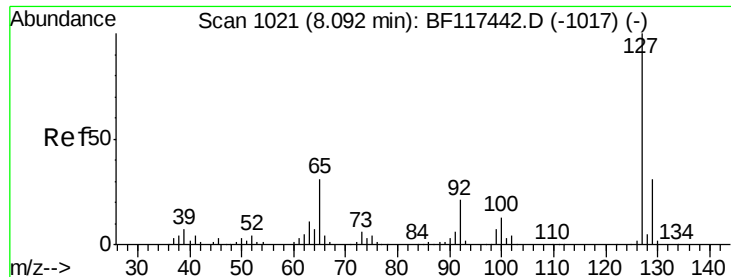
Acq: 22 Oct 2019 13:19

Tgt Ion:	122	Resp:	77413
Ion Ratio	Lower	Upper	
122	100		
105	130.0	115.0	155.0
77	98.0	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





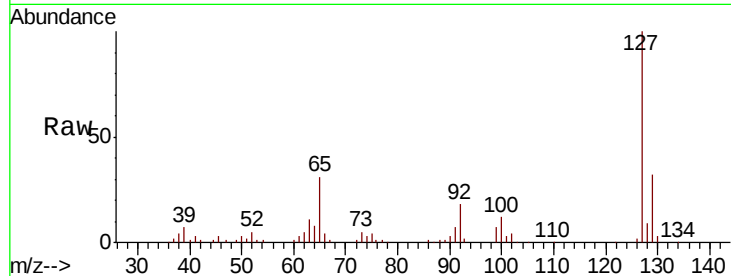
#33
4-Chloroaniline
Concen: 26.807 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	24.8	37.2		
65	30.7	24.6	37.0		
92	18.3	16.5	24.7		

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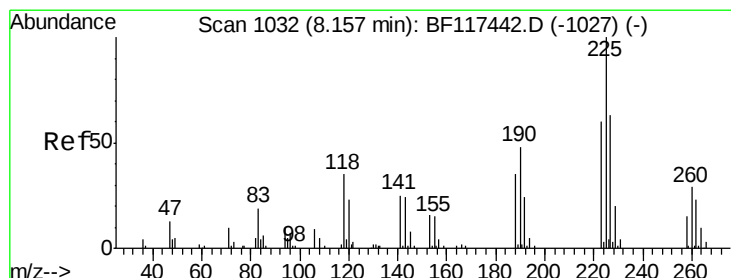
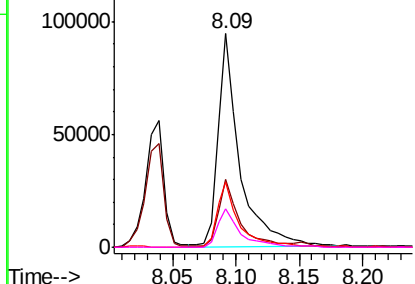
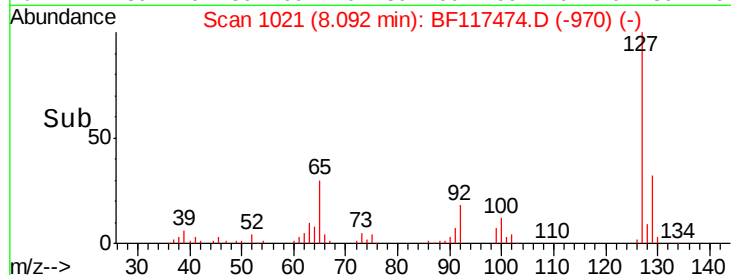
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

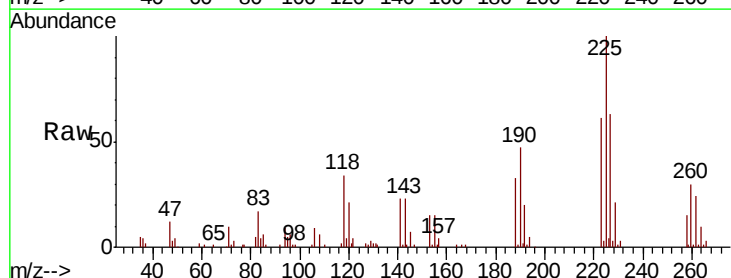
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.245 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	48.2	72.4		
227	62.7	50.2	75.4		

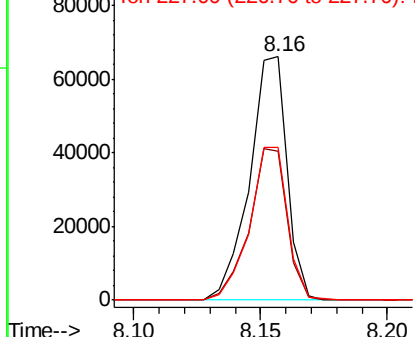
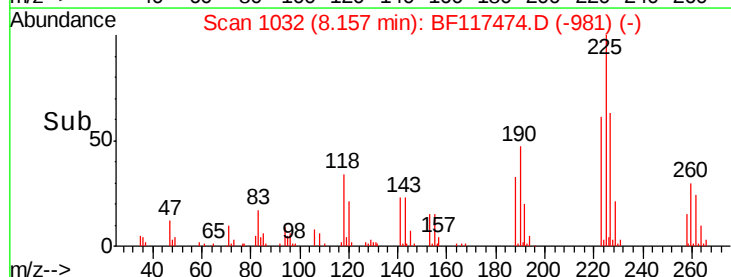


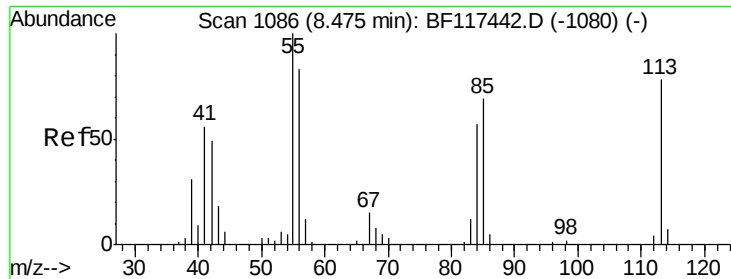
Abundance

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





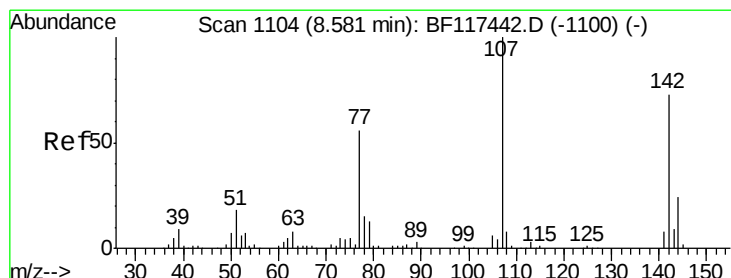
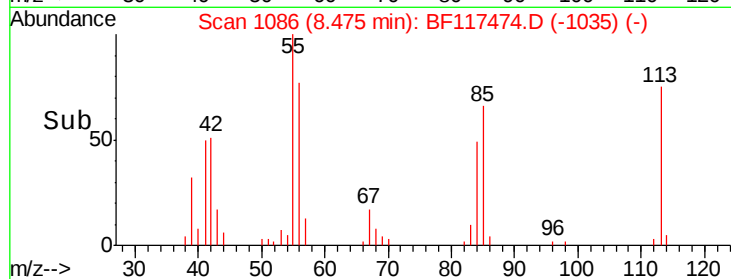
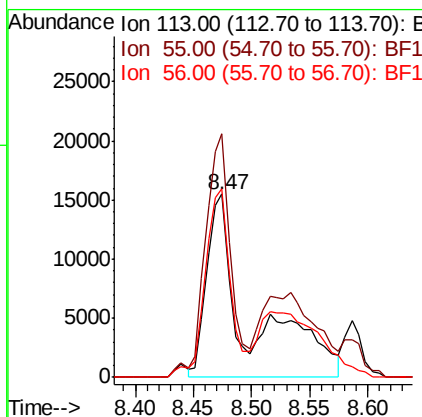
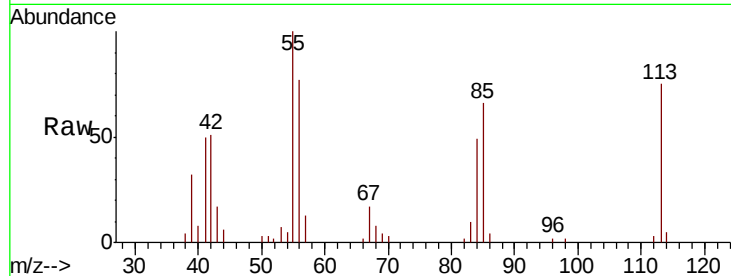
#35
 Caprolactam
 Concen: 44.622 ng m
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	132.9	108.8	148.8	
56	102.6	87.2	127.2	

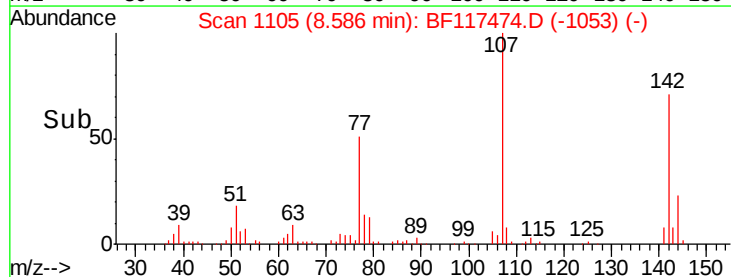
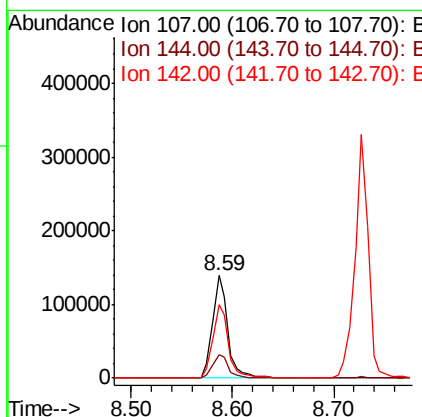
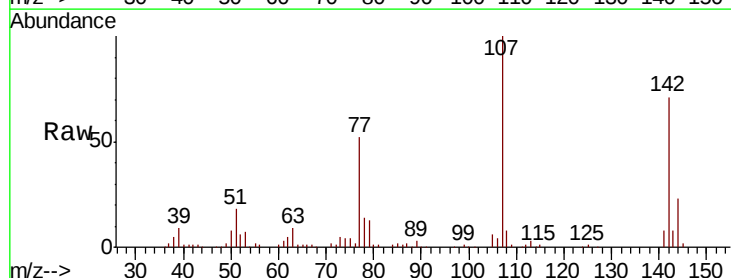
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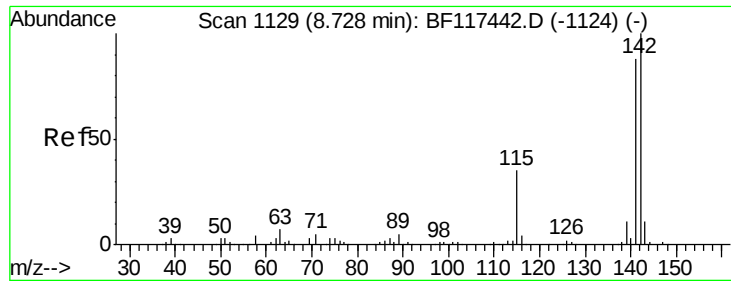
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.388 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.3	18.9	28.3	
142	70.8	58.6	88.0	





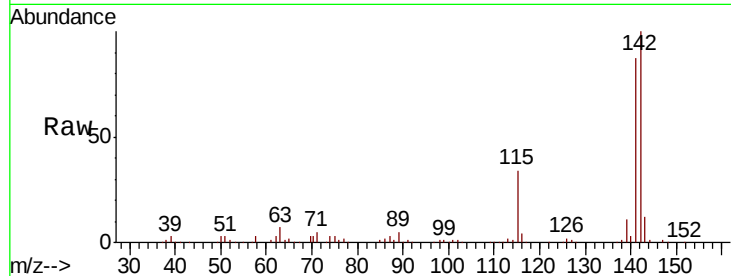
#37
2-Methylnaphthalene
Concen: 44.880 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.3	105.5
115	34.0	28.2	42.2

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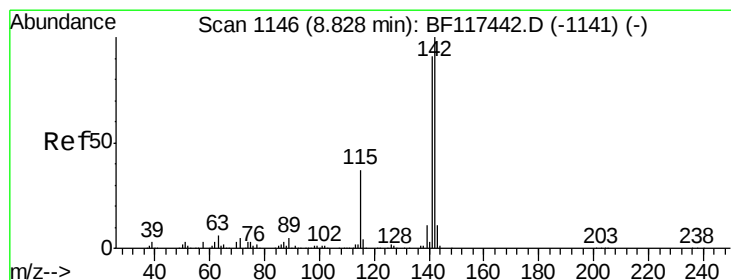
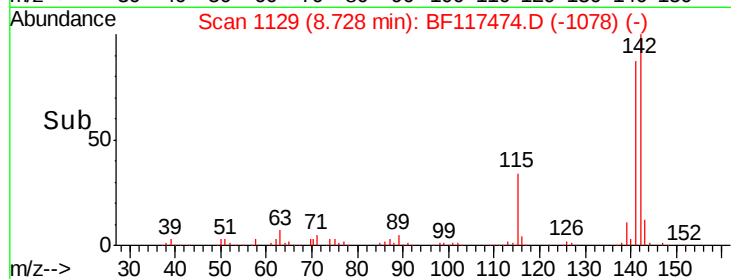
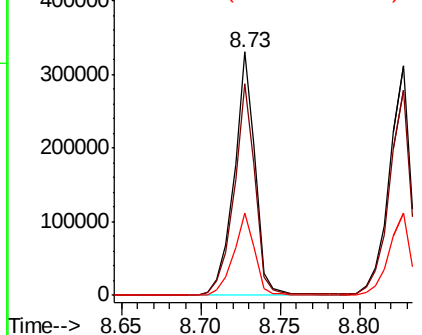


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.171 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

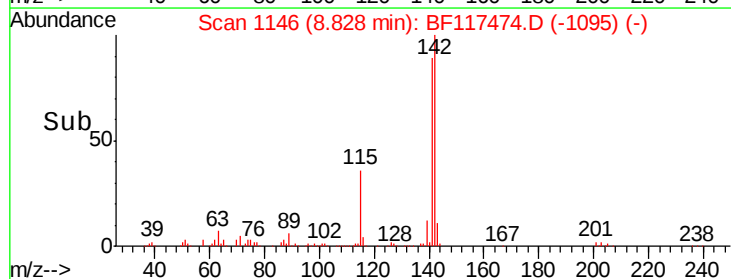
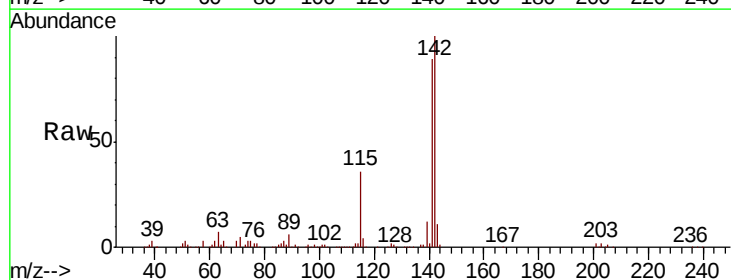
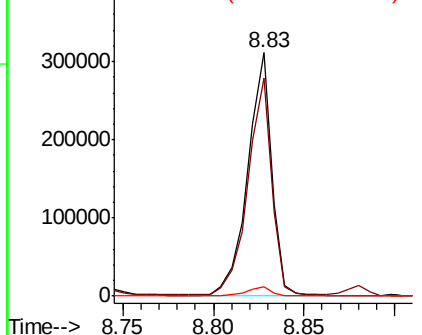
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.3	109.9
116	3.7	3.1	4.7

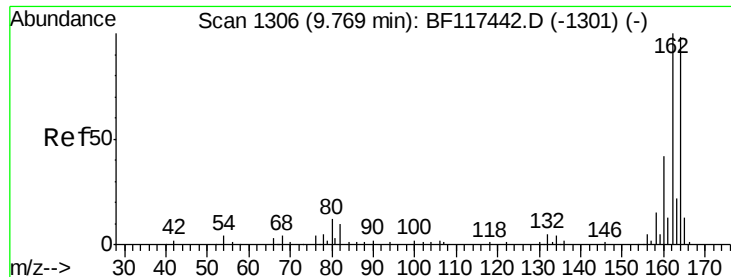
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





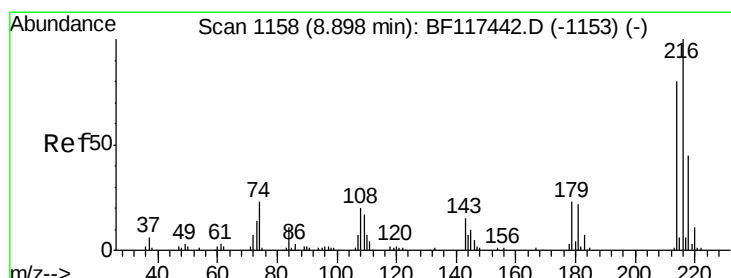
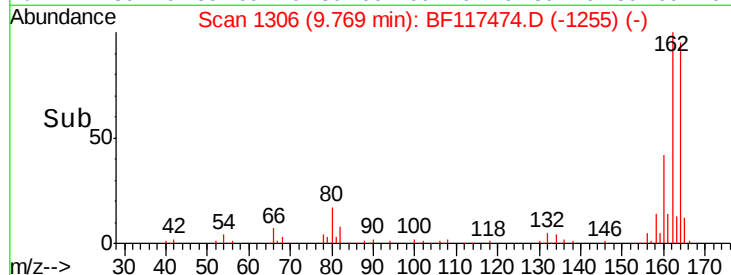
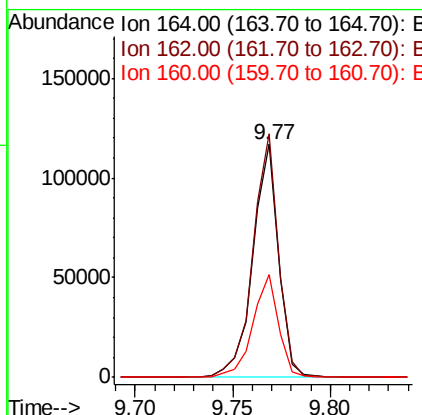
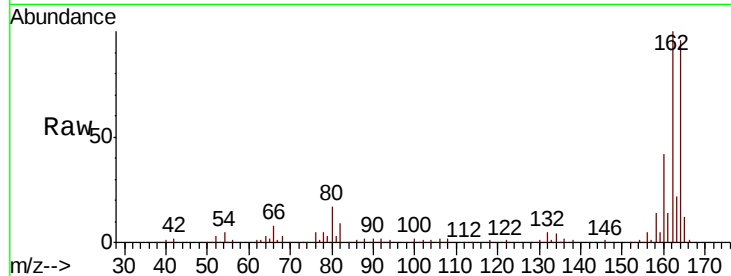
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.8	122.6
160	43.8	34.4	51.6

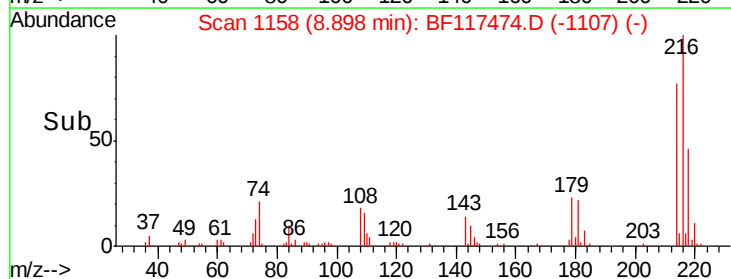
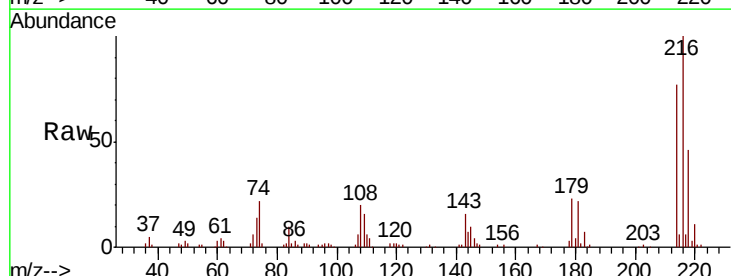
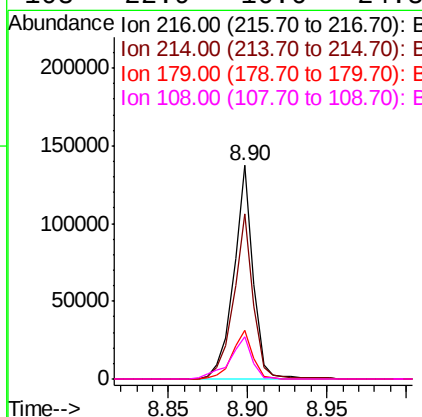
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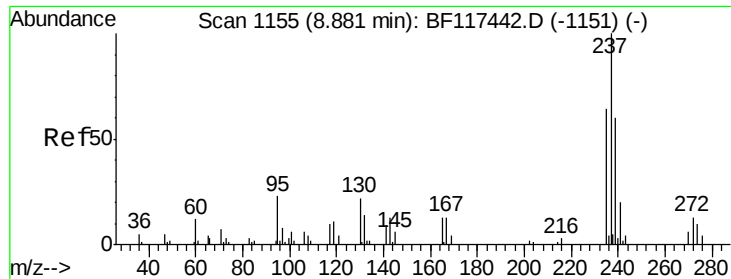
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.774 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.4	93.6
179	23.3	18.1	27.1
108	22.9	16.6	24.8





#41

Hexachlorocyclopentadiene

Concen: 84.115 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

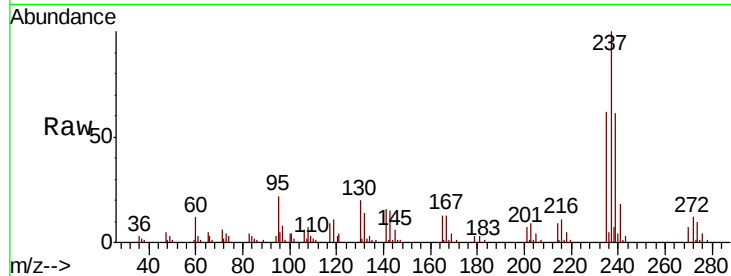
ClientSampleId :

PB124054BS

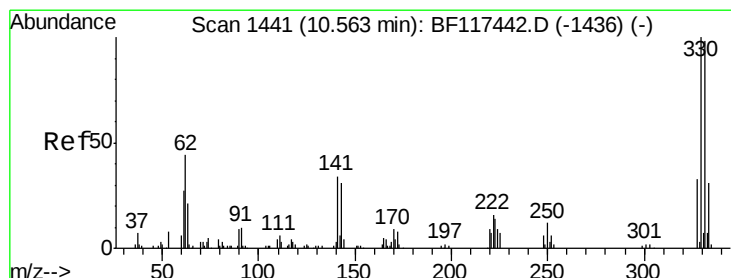
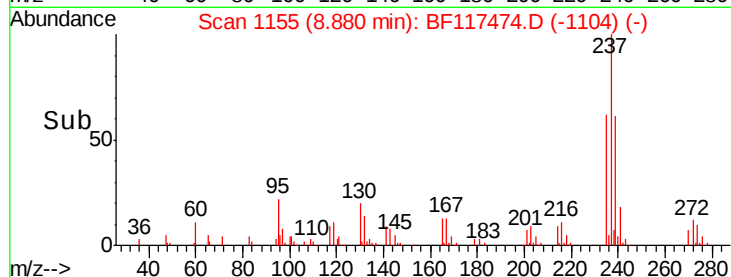
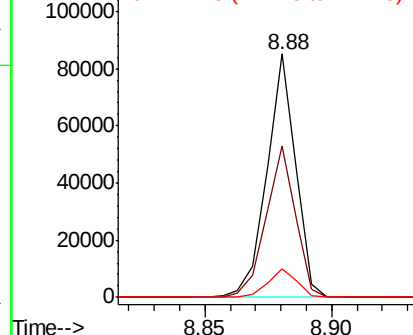
Tot Ion:	237	Resp:	67376
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.3	84.3
272	11.5	0.0	33.2

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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: 118.631 ng

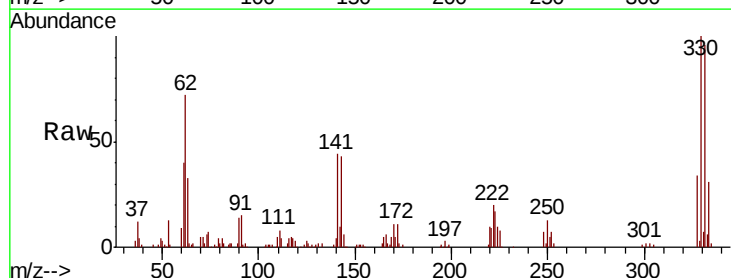
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

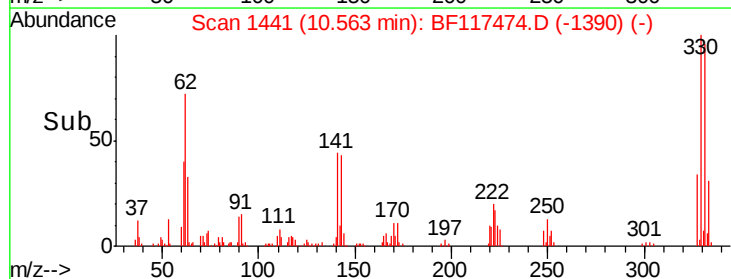
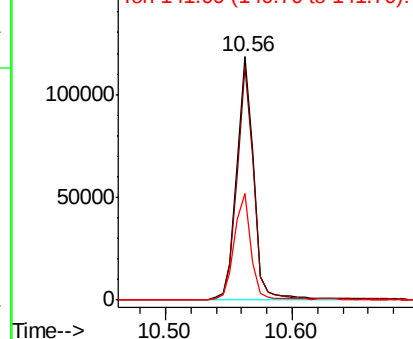
Lab File: BF117474.D

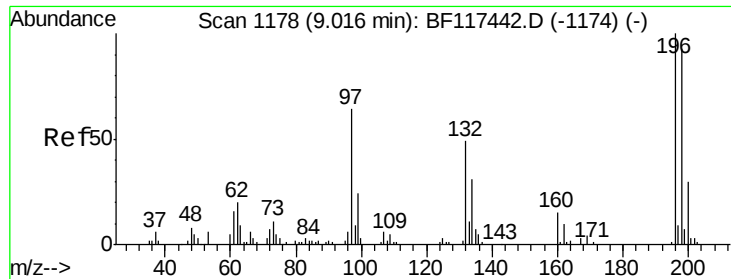
Acq: 22 Oct 2019 13:19

Tgt Ion:	330	Resp:	109533
Ion Ratio	Lower	Upper	
330	100		
332	94.9	78.5	117.7
141	44.1	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





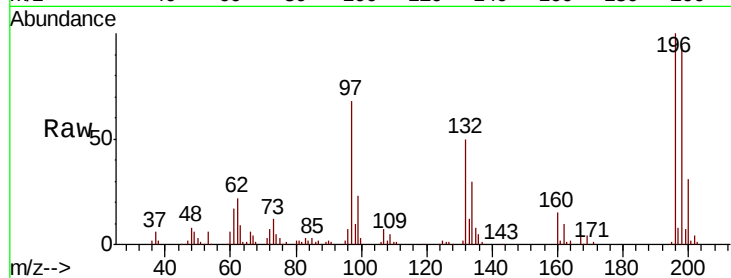
#43
 2,4,6-Trichlorophenol
 Concen: 43.054 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

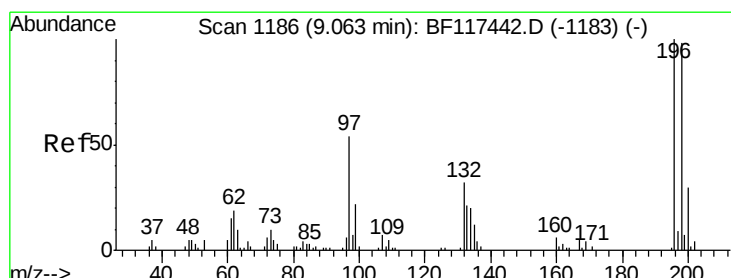
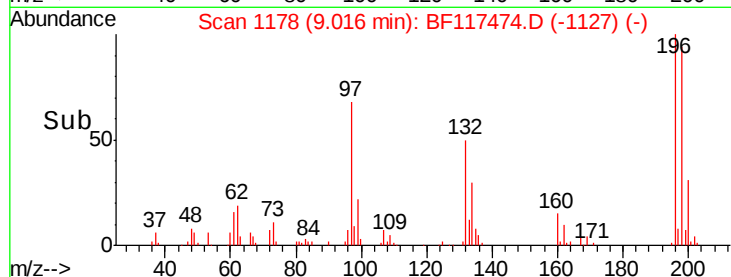
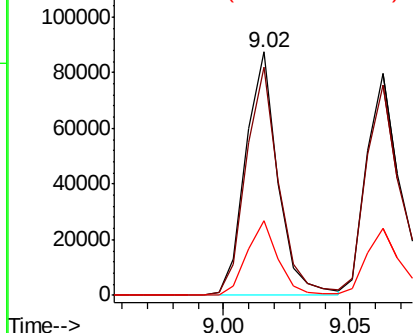
Tot Ion:	196	Resp:	77490
Ion Ratio	Lower	Upper	
196	100		
198	93.6	74.1	111.1
200	30.8	23.9	35.9

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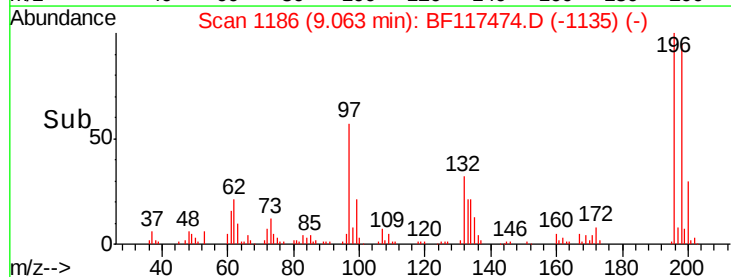
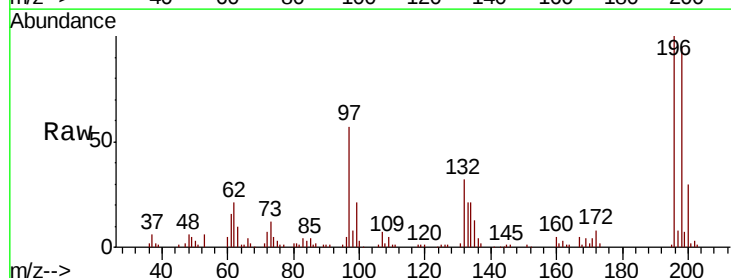
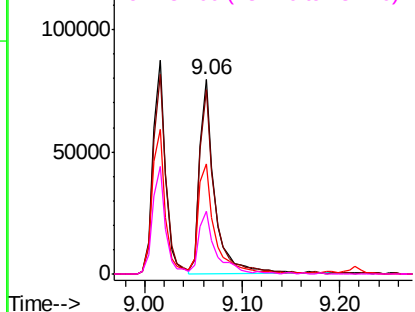
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

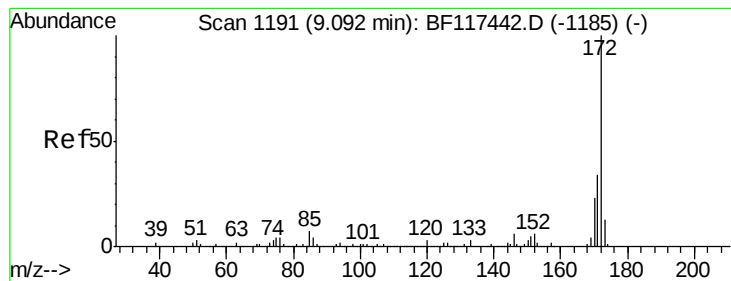


#44
 2,4,5-Trichlorophenol
 Concen: 46.614 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:	196	Resp:	85016
Ion Ratio	Lower	Upper	
196	100		
198	94.6	78.6	117.8
97	56.6	43.4	65.2
132	32.4	26.0	39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





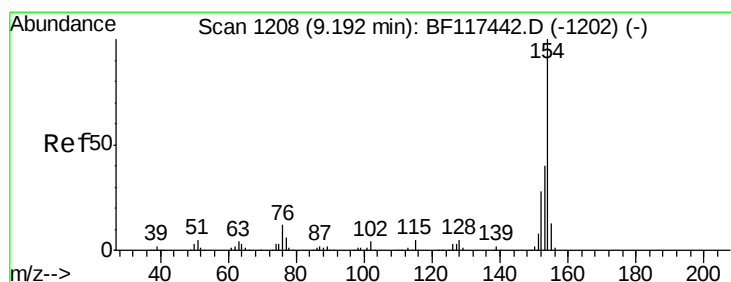
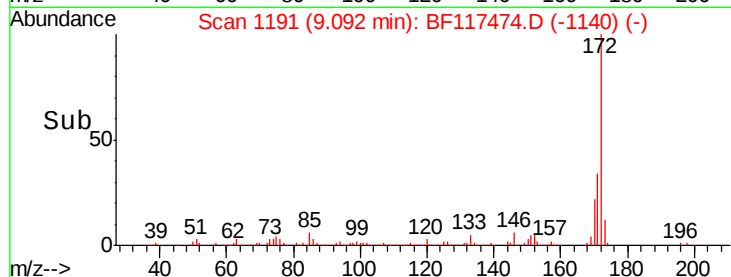
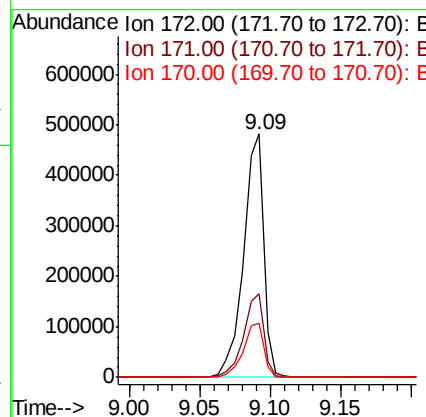
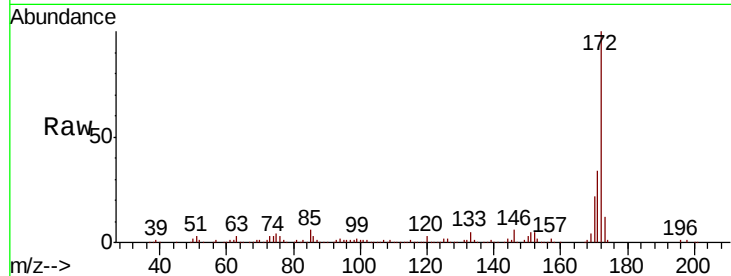
#45
2-Fluorobiphenyl
Concen: 63.401 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	22.1	18.6	27.8

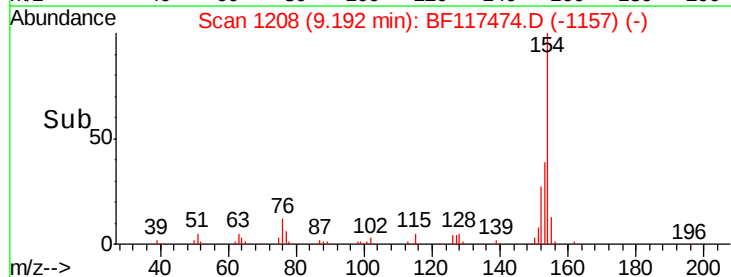
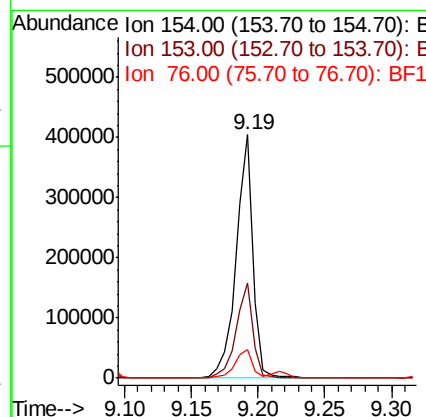
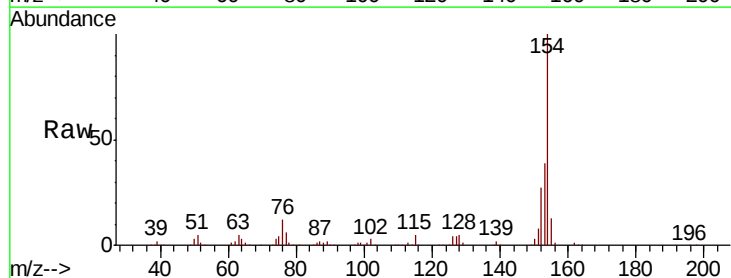
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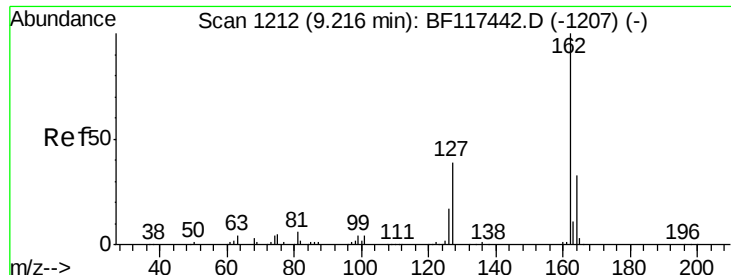
mohammad
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#46
1,1'-Biphenyl
Concen: 40.860 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	11.8	0.0	32.1





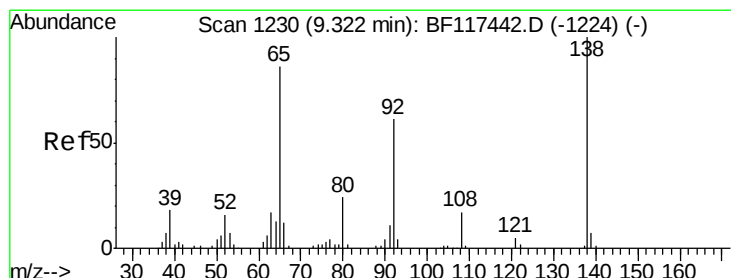
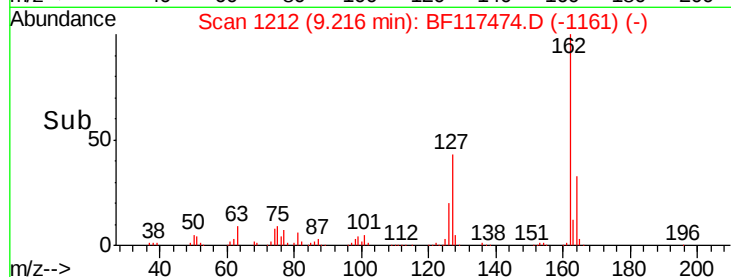
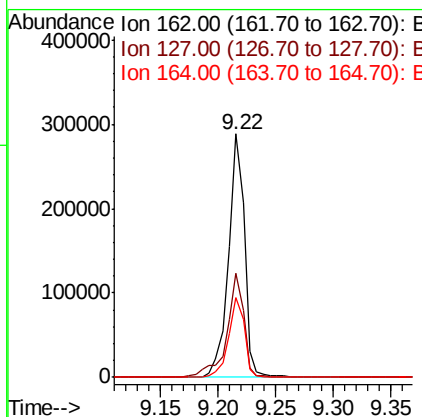
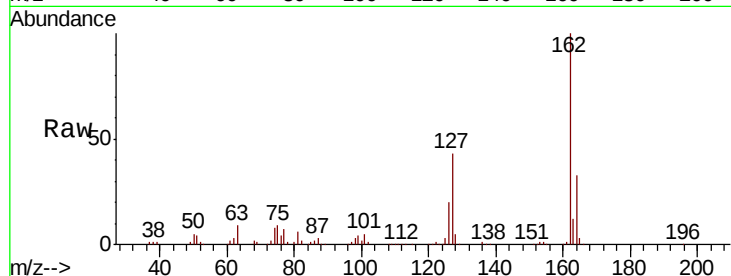
#47
 2-Chloronaphthalene
 Concen: 41.454 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion:	162	Resp:	276116
Ion Ratio	Lower	Upper	
162	100		
127	42.9	34.2	51.4
164	32.7	26.4	39.6

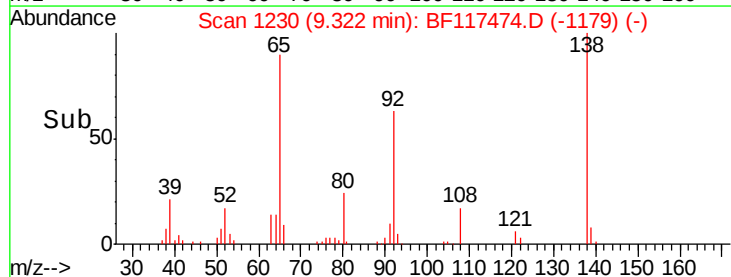
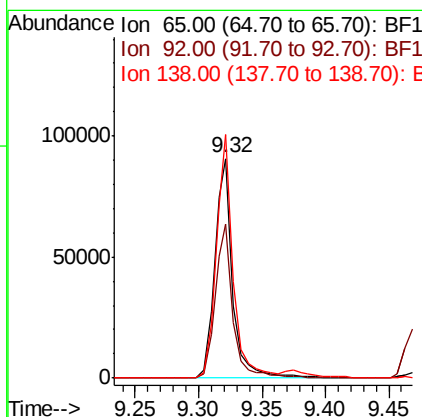
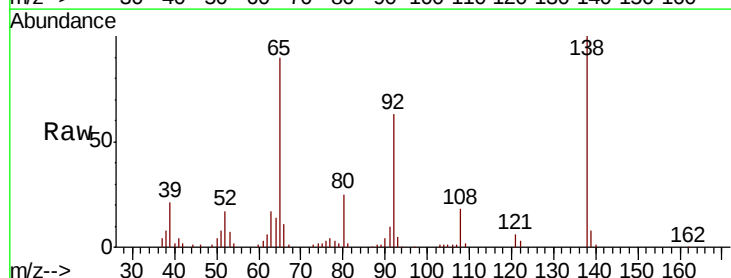
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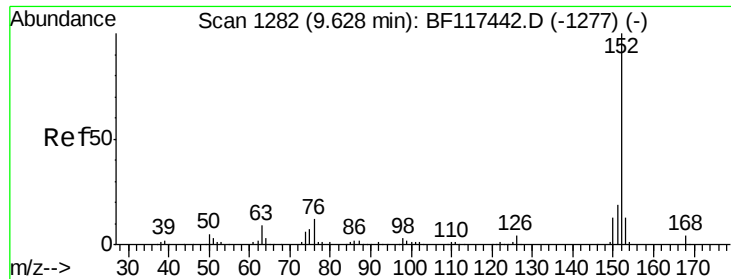
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#48
 2-Nitroaniline
 Concen: 41.049 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:	65	Resp:	89756
Ion Ratio	Lower	Upper	
65	100		
92	70.3	57.3	85.9
138	111.0	93.3	139.9





#49

Acenaphthylene

Concen: 44.606 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

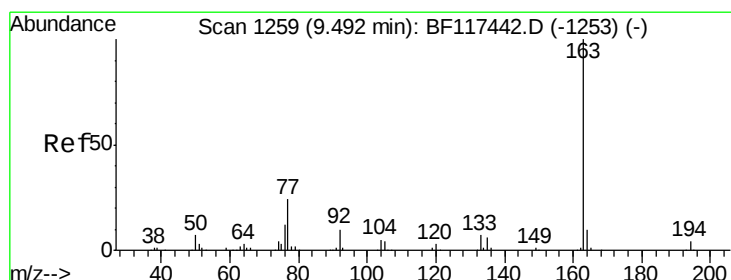
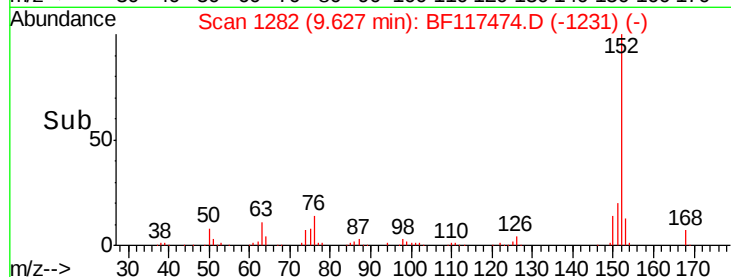
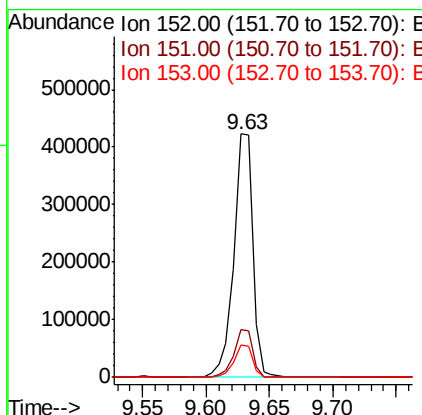
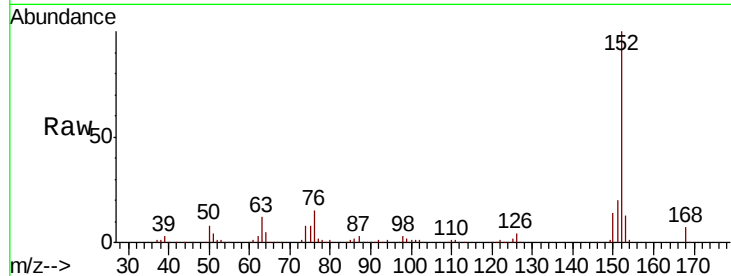
ClientSampleId :

PB124054BS

Tot Ion:	152	Resp:	436403
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.4	23.0
153	13.1	10.3	15.5

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#50

Dimethylphthalate

Concen: 43.680 ng

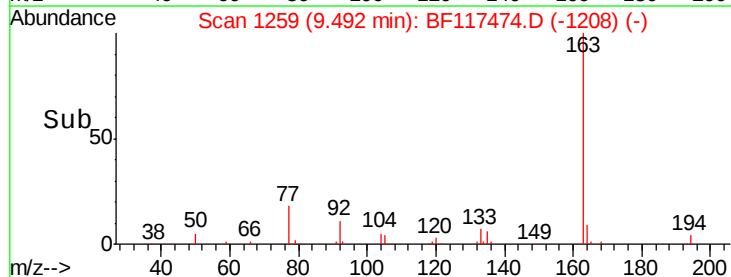
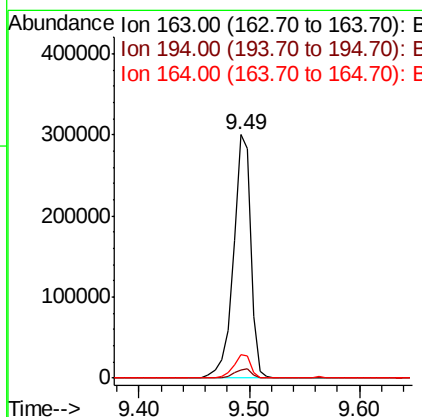
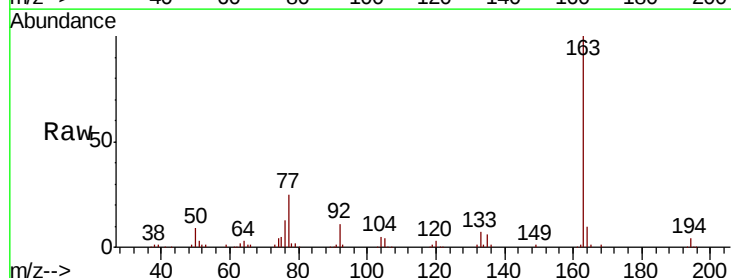
RT: 9.49 min Scan# 1259

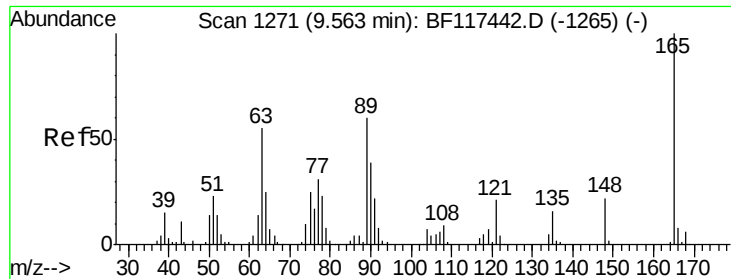
Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion:	163	Resp:	332285
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.9	4.3
164	9.9	8.2	12.2





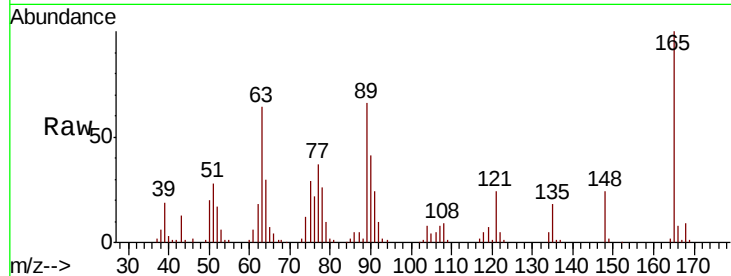
#51
2,6-Dinitrotoluene
Concen: 44.322 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	64.1	43.8	65.8
89	66.4	47.6	71.4

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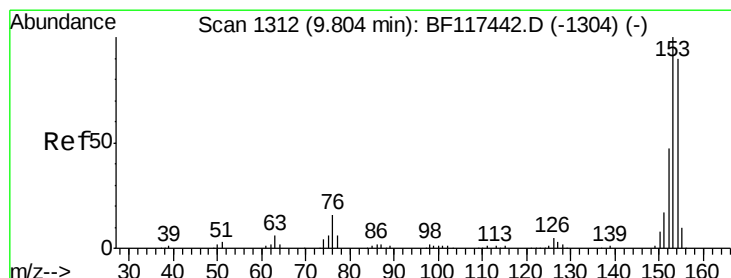
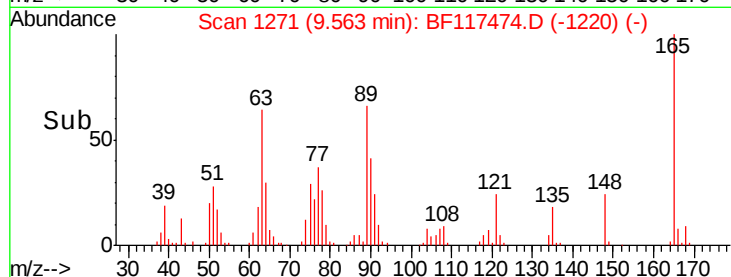
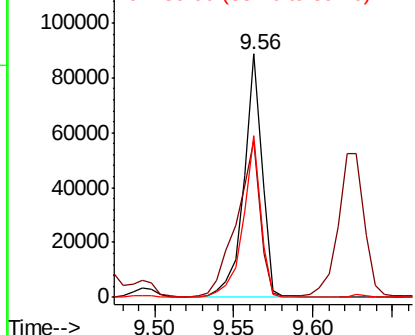


Abundance

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: 42.880 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

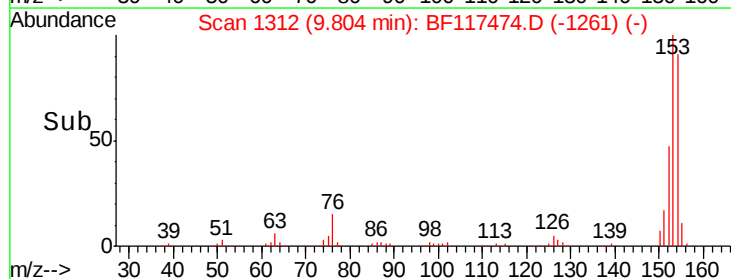
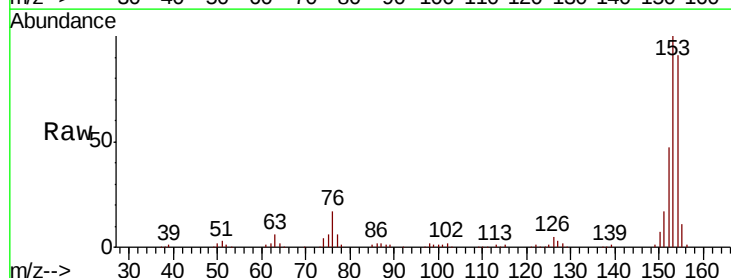
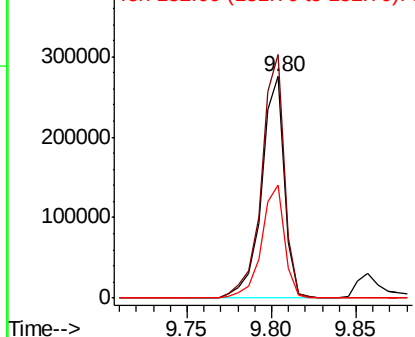
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.0	89.2	133.8
152	51.2	41.8	62.6

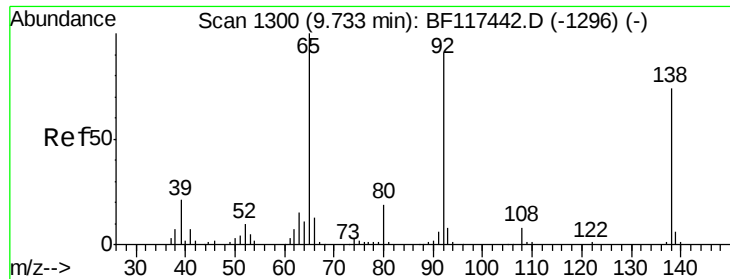
Abundance

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





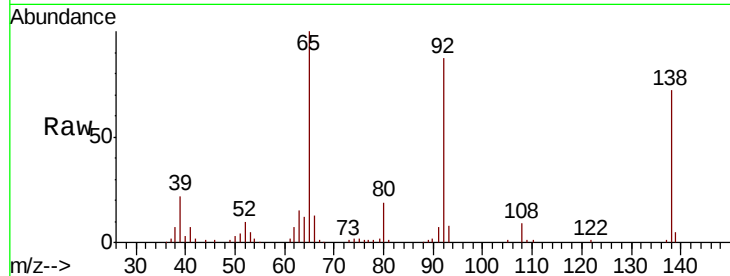
#53
3-Nitroaniline
Concen: 27.957 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.7	13.1
92	121.4	98.4	147.6

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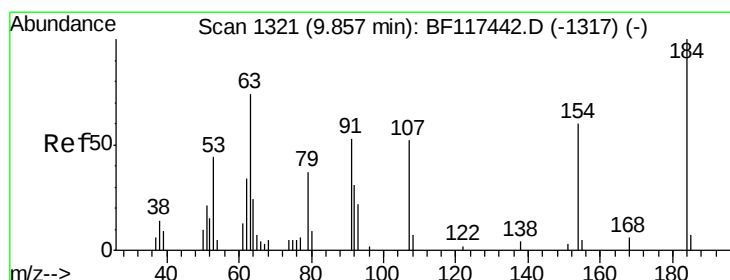
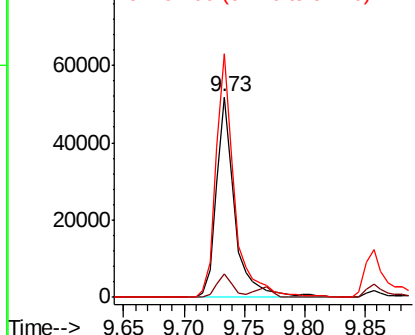
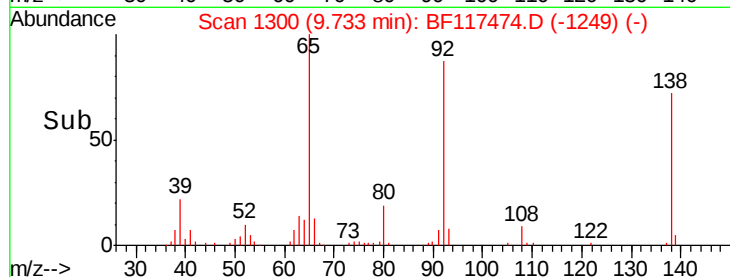


Abundance

Ion 138.00 (137.70 to 138.70): E

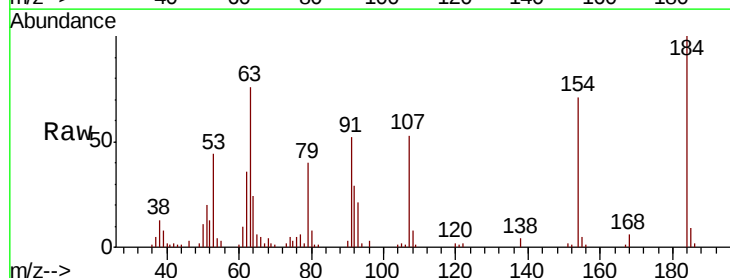
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 77.105 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.7	59.2	88.8
154	70.8	53.4	80.0

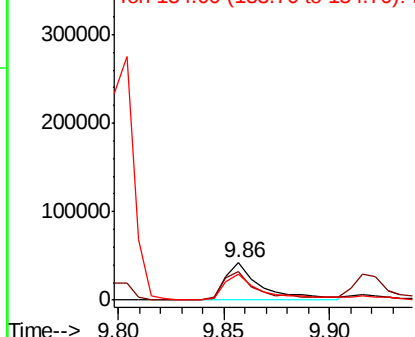
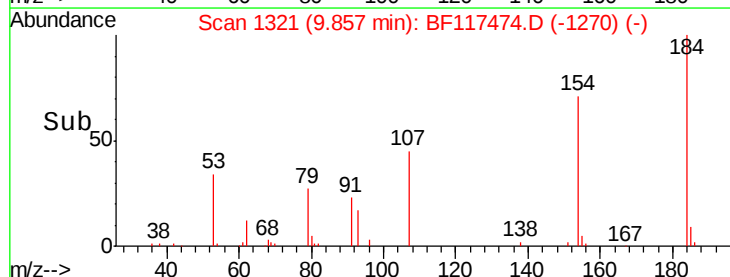


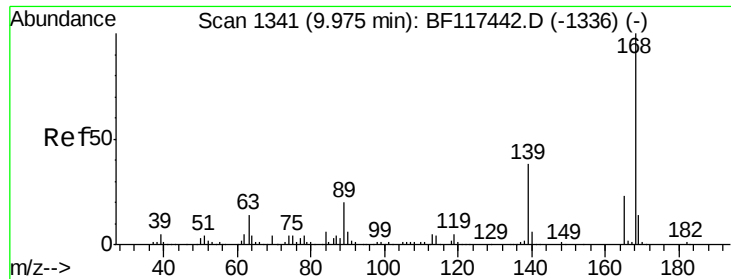
Abundance

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





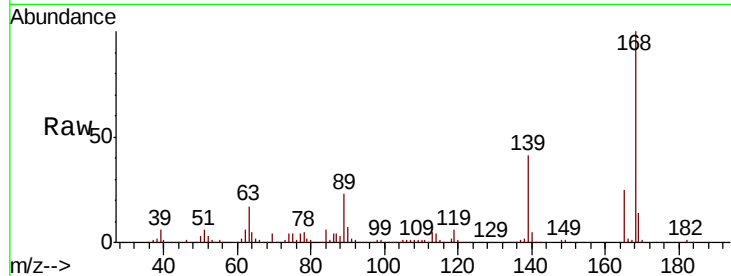
#55
Dibenzofuran
Concen: 44.183 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	31.8	47.6
169	13.8	11.2	16.8

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Abundance

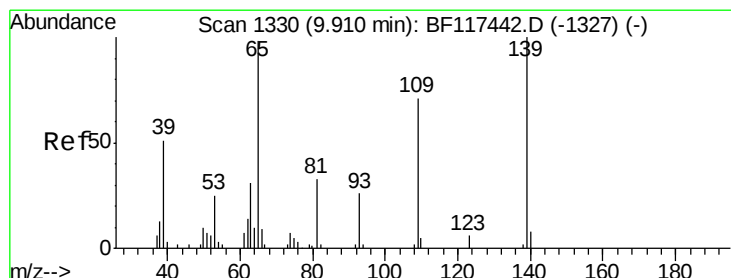
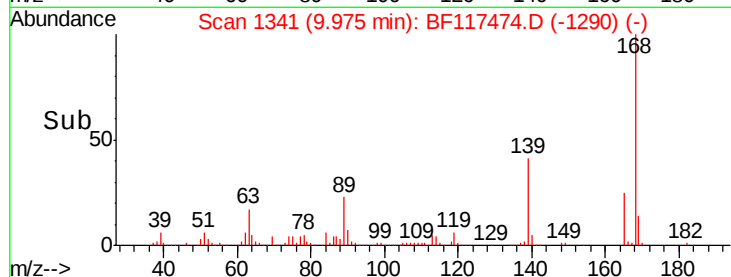
Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

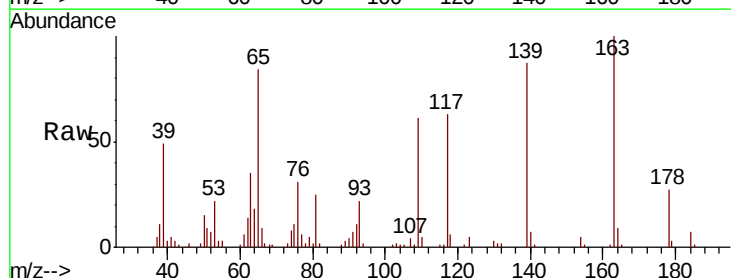
9.97

Time-->



#56
4-Nitrophenol
Concen: 84.836 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	51.4	91.4
65	96.6	79.4	119.4



Abundance

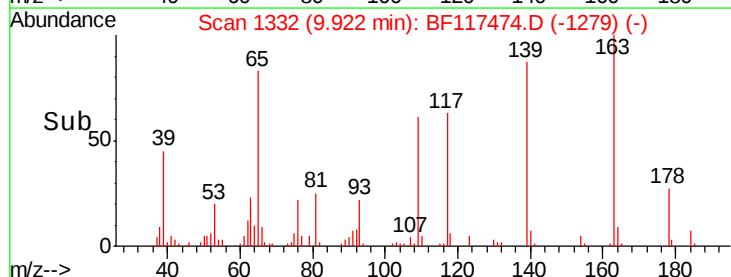
Ion 139.00 (138.70 to 139.70): E

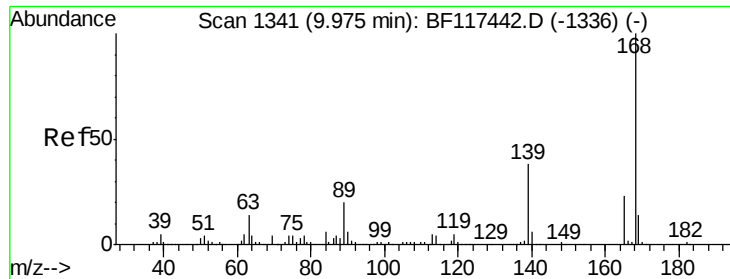
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

9.92

Time-->





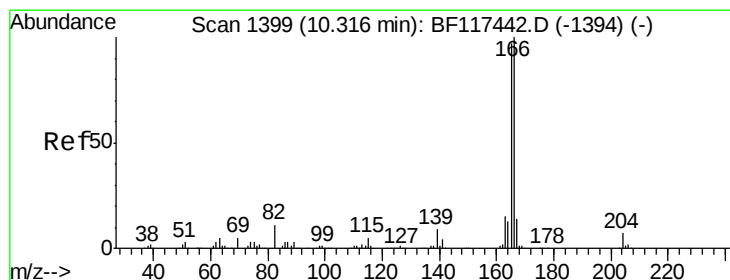
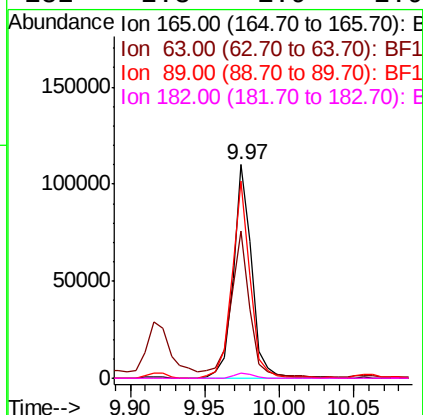
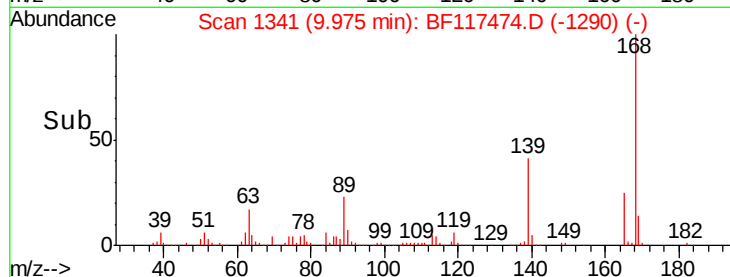
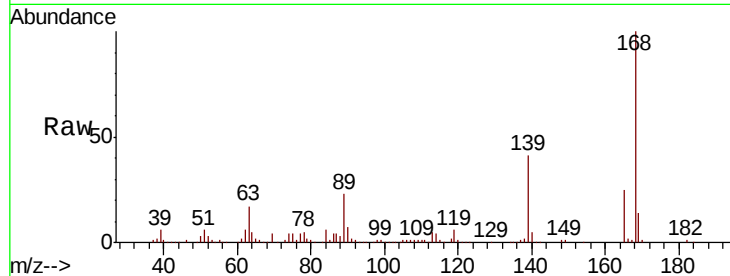
#57
2,4-Dinitrotoluene
Concen: 45.467 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.9	51.4	77.0	
89	92.4	69.9	104.9	
182	2.3	1.9	2.9	

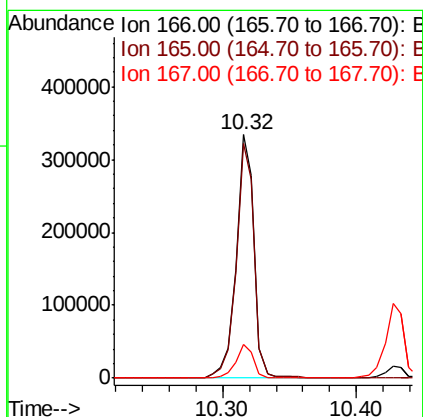
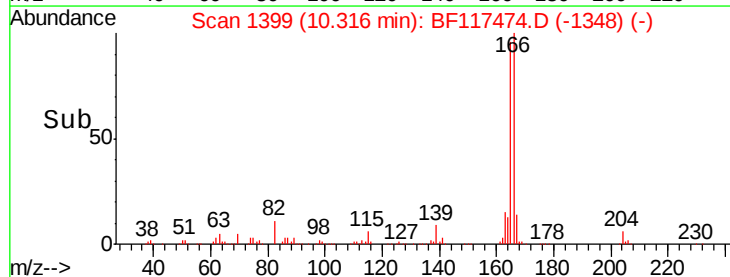
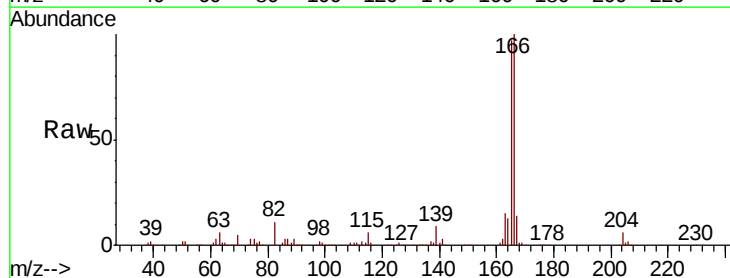
Manual Integrations
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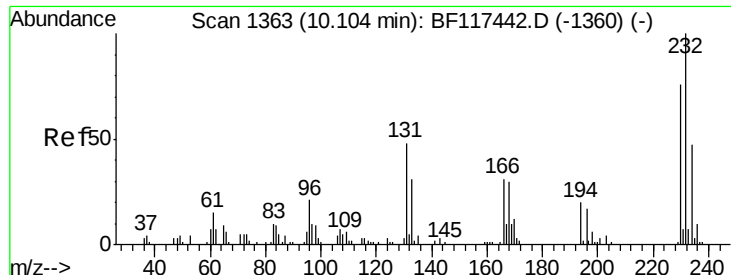
mohammad
10/23/2019 8:05:55 AM



#58
Fluorene
Concen: 43.323 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.6	77.6	116.4	
167	13.8	11.0	16.4	





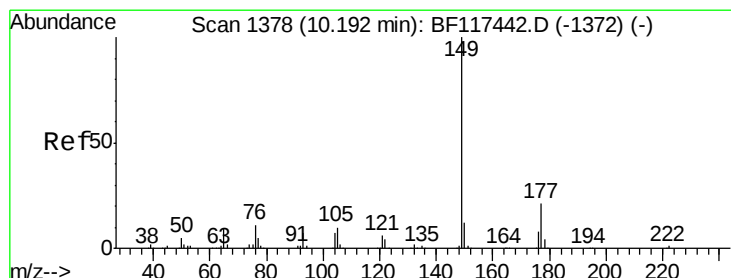
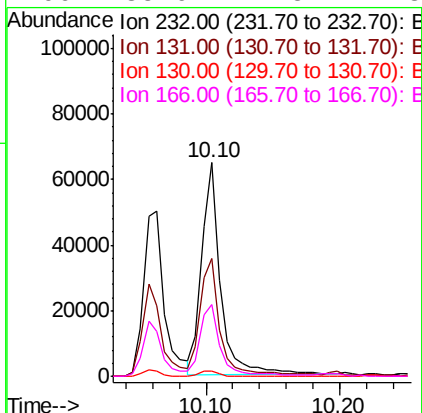
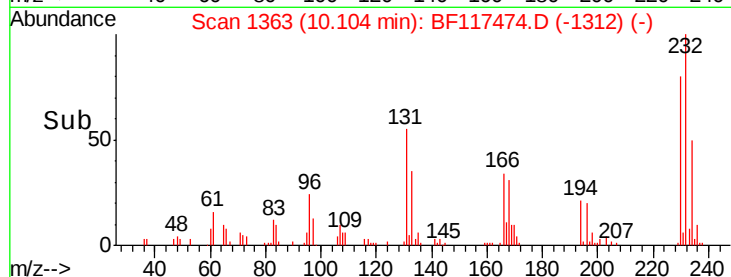
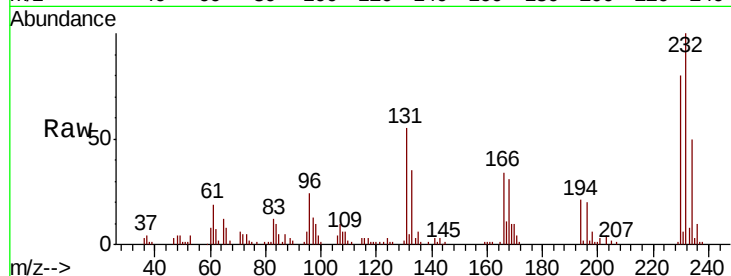
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.704 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampled :
 PB124054BS

Tot Ion:	232	Resp:	64080
Ion Ratio	Lower	Upper	
232	100		
131	54.3	42.6	63.8
130	2.4	2.2	3.4
166	35.6	27.5	41.3

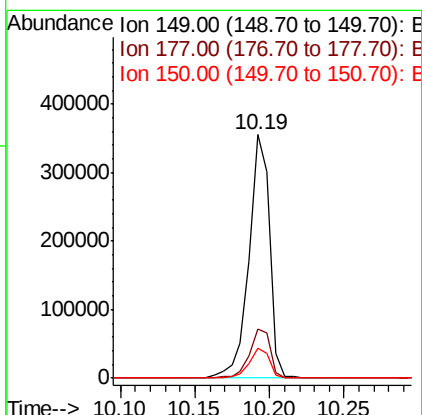
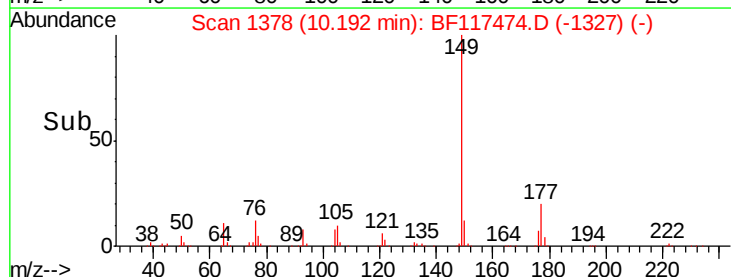
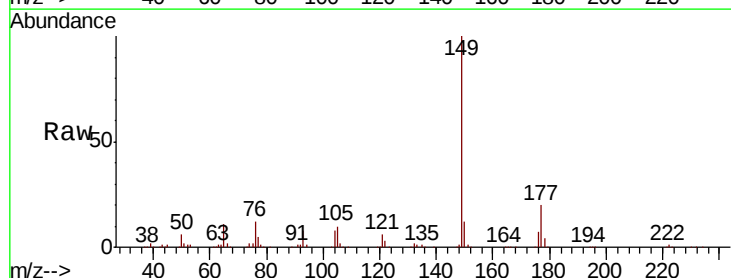
Manual Integrations
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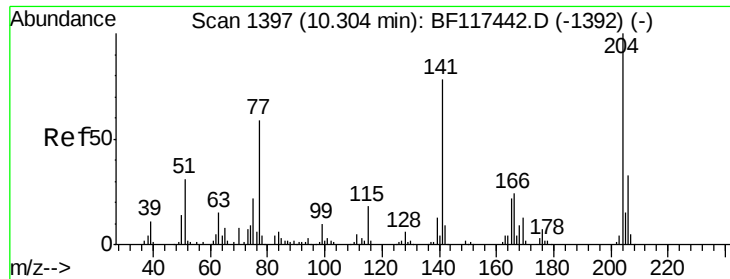
mohammad
 10/23/2019 8:05:55 AM



#60
 Diethylphthalate
 Concen: 43.962 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:	149	Resp:	338264
Ion Ratio	Lower	Upper	
149	100		
177	20.1	17.0	25.4
150	12.1	9.8	14.6





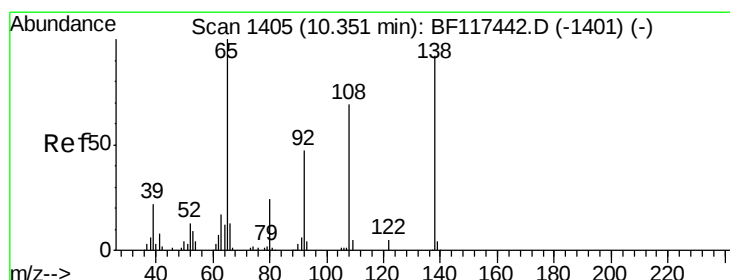
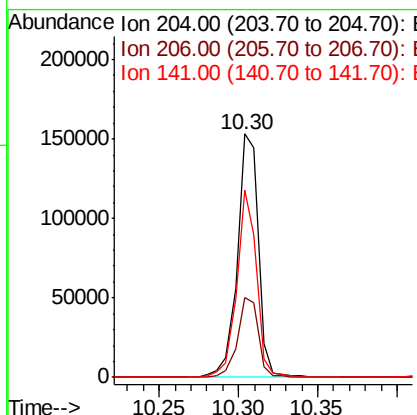
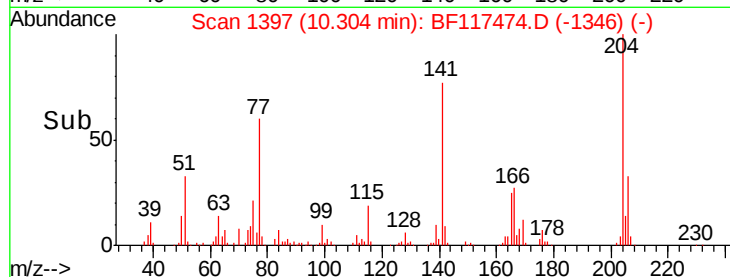
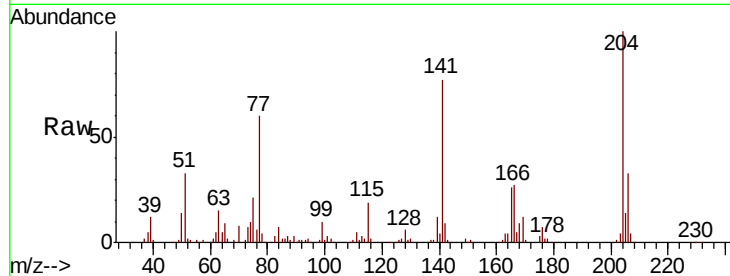
#61
 4-Chlorophenyl-phenylether
 Concen: 43.684 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion:	204	Resp:	140948
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.3	39.5
141	76.7	62.2	93.4

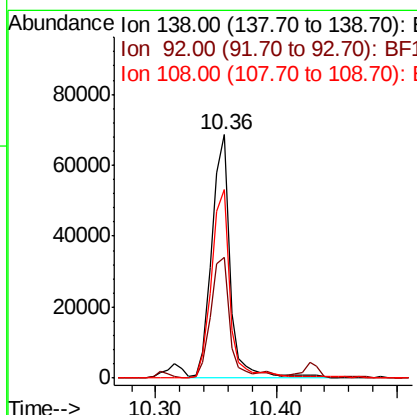
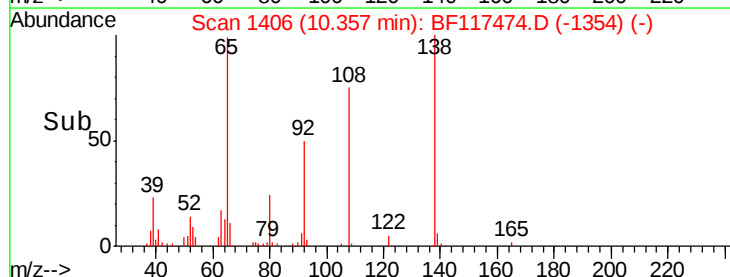
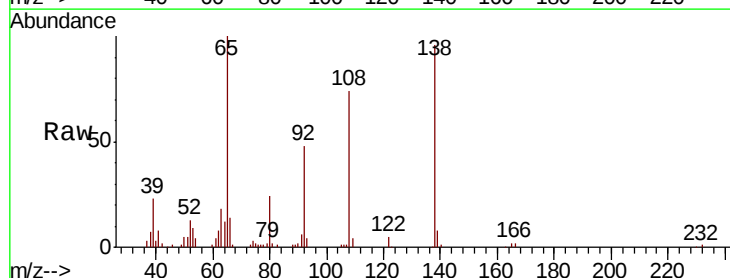
Manual Integrations
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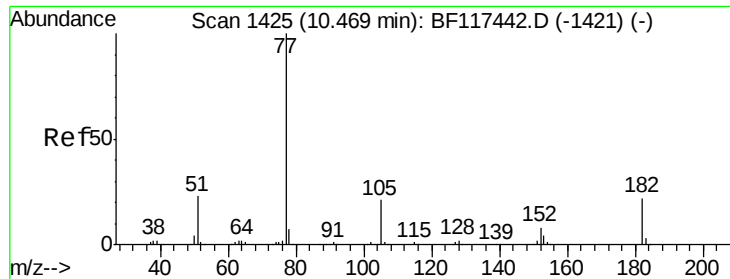
mohammad
 10/23/2019 8:05:55 AM



#62
 4-Nitroaniline
 Concen: 39.885 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:	138	Resp:	72409
Ion Ratio	Lower	Upper	
138	100		
92	49.8	30.3	70.3
108	77.2	54.9	94.9





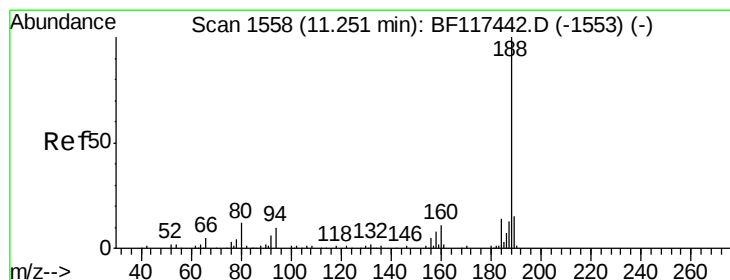
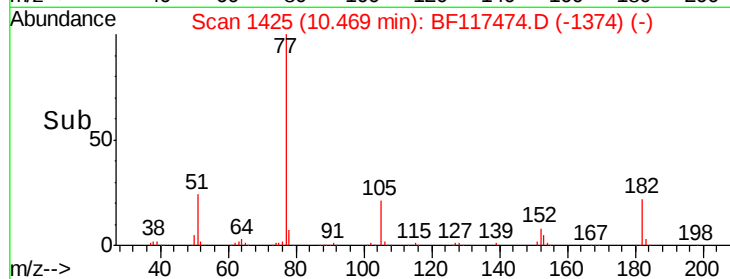
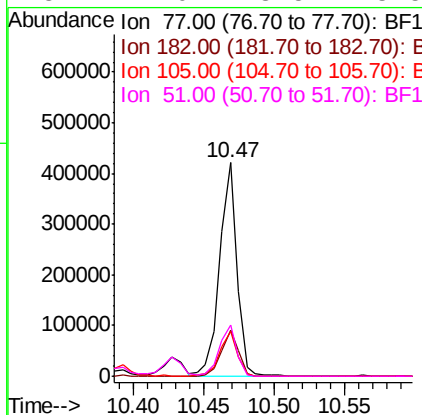
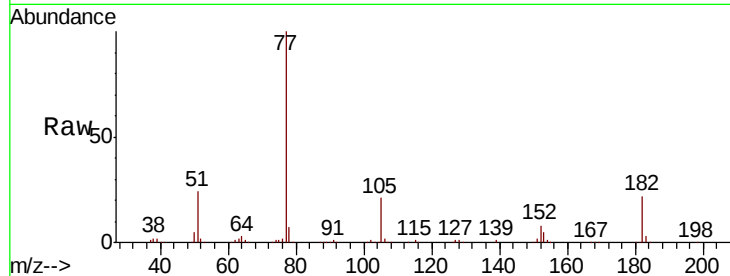
#63
Azobenzene
Concen: 45.628 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		359397		
182	21.8	2.3	42.3		
105	21.0	1.3	41.3		
51	24.0	3.5	43.5		

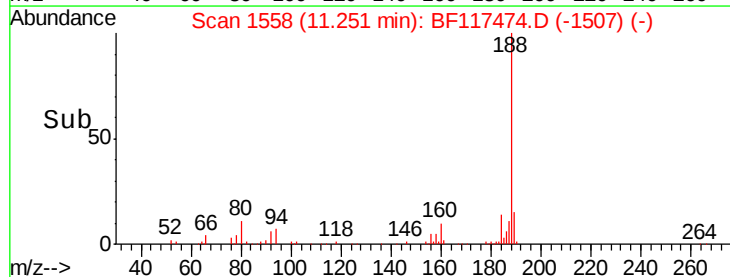
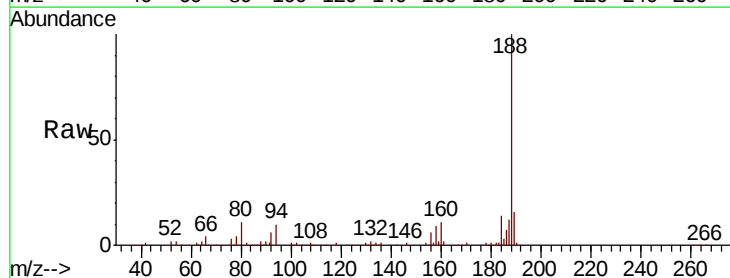
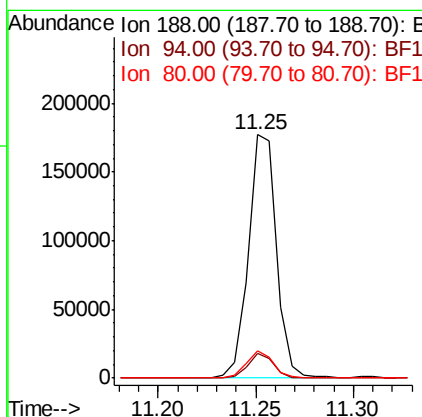
Manual Integrations
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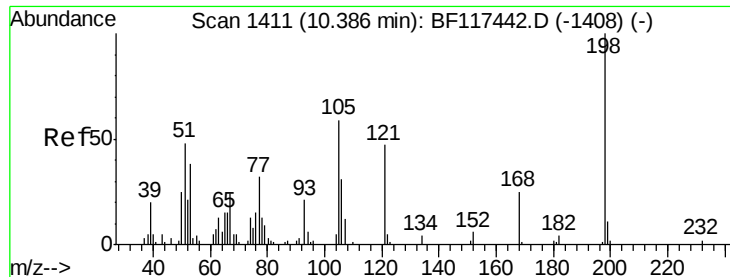
mohammad
10/23/2019 8:05:55 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		176057		
94	10.1	8.0	12.0		
80	11.3	9.5	14.3		





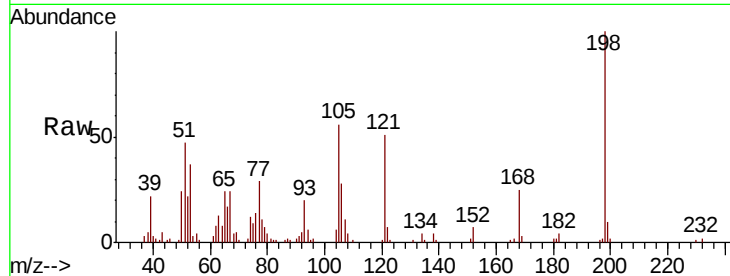
#65
4,6-Dinitro-2-methylphenol
Concen: 42.727 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampled :
PB124054BS

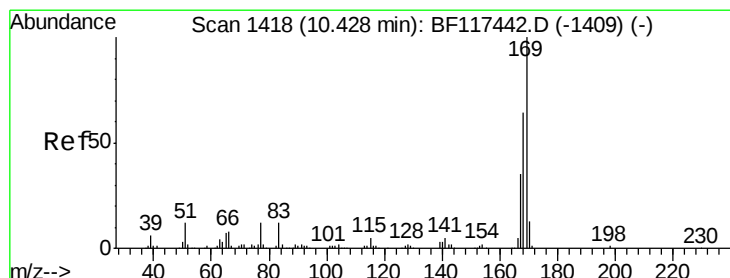
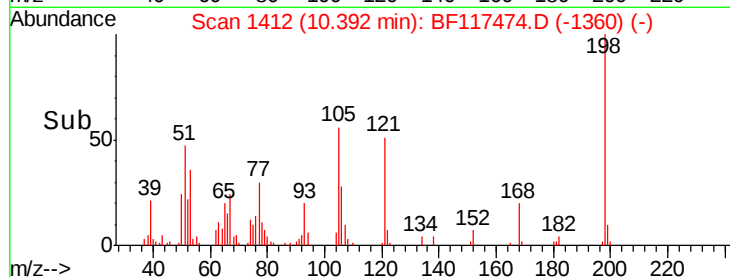
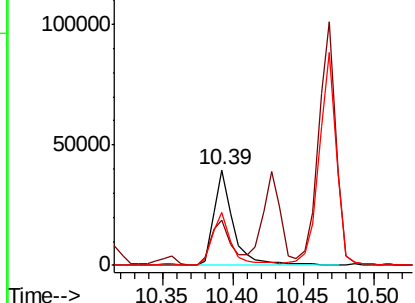
Tot Ion	Ratio	Resp	Lower	Upper
198	100	38246		
51	47.1	29.1	69.1	
105	55.9	39.4	79.4	

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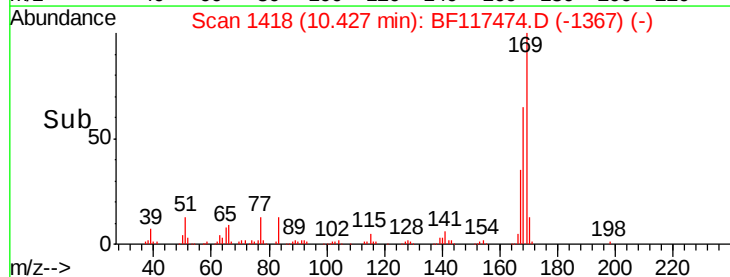
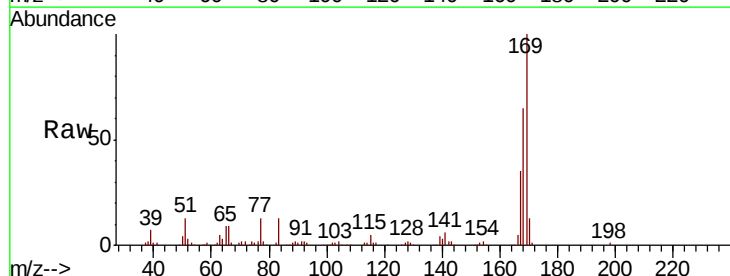
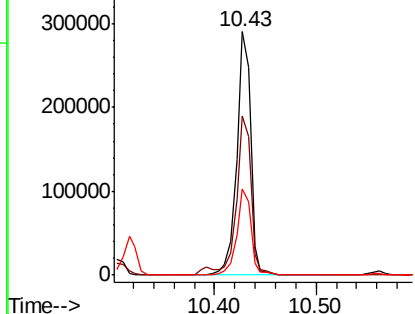
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

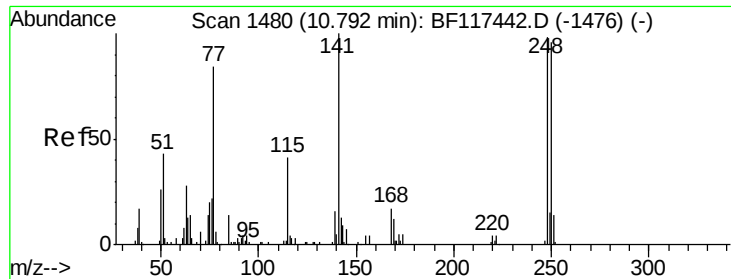


#66
n-Nitrosodiphenylamine
Concen: 43.281 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	278571		
168	65.2	51.3	76.9	
167	35.2	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: 41.893 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

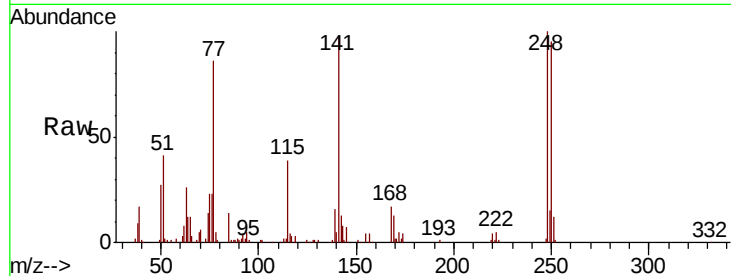
ClientSampleId :

PB124054BS

Tot Ion:	248	Resp:	79443
Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.0	117.0
141	96.6	81.7	122.5

Manual Integrations
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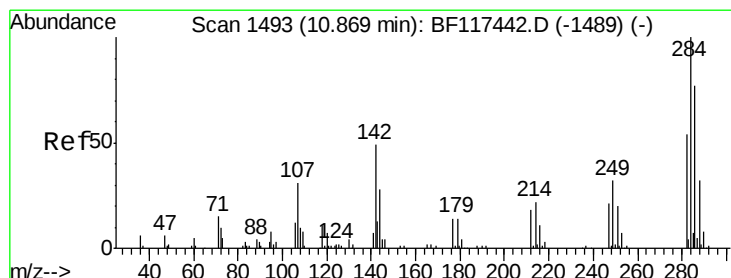
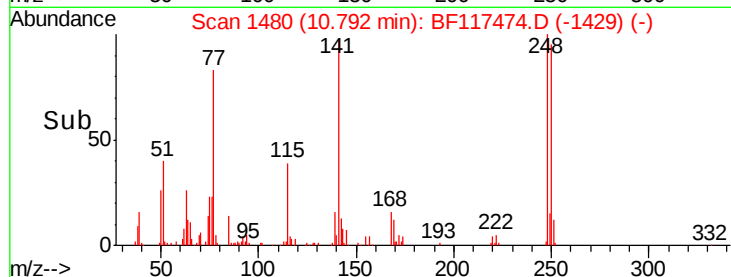
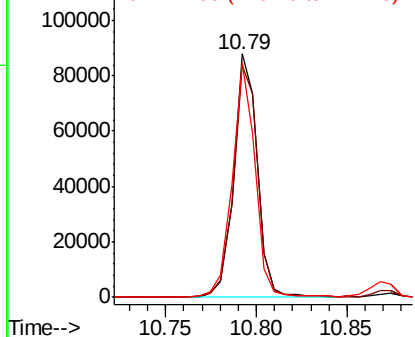


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.880 ng

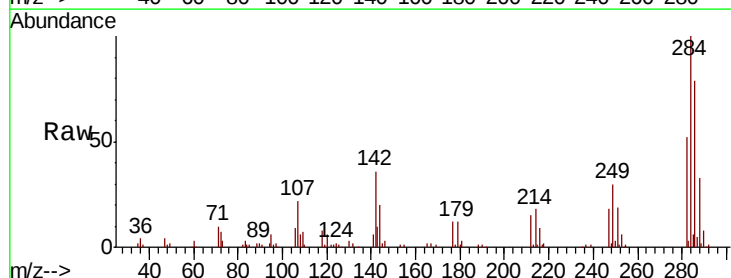
RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion:	284	Resp:	83023
Ion	Ratio	Lower	Upper
284	100		
142	35.7	39.0	58.6#
249	29.5	25.7	38.5

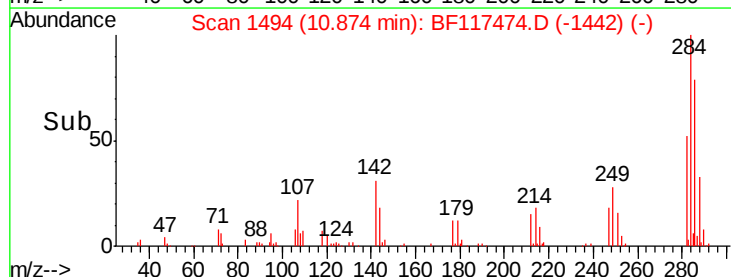
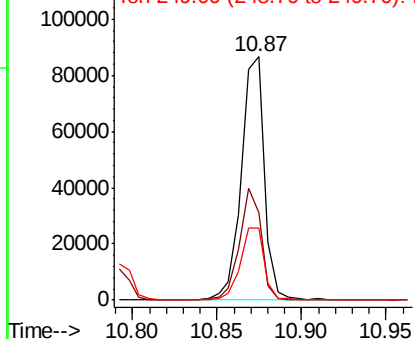


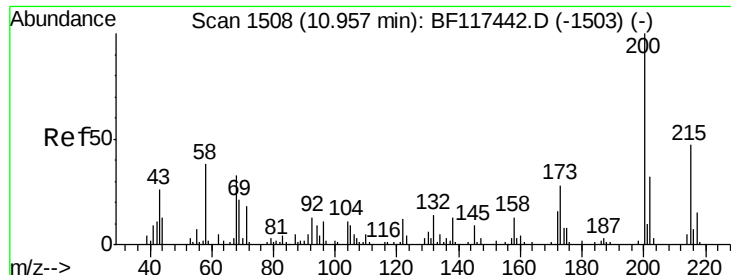
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





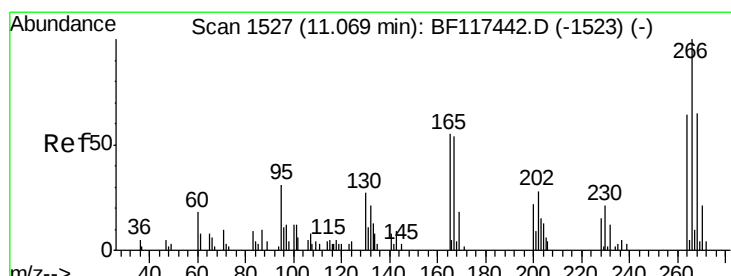
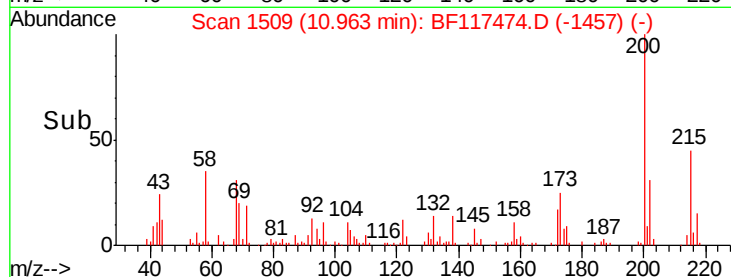
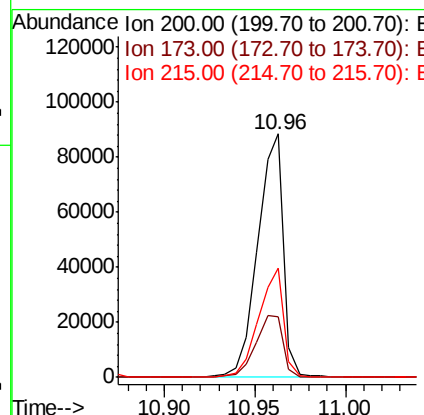
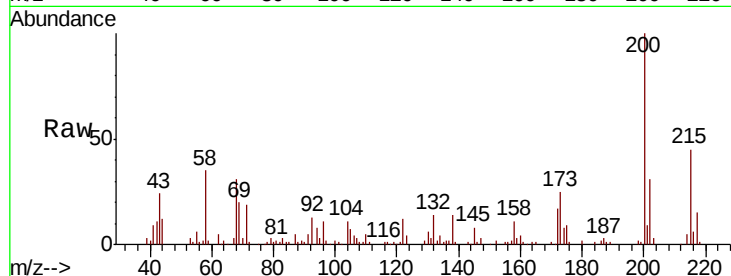
#69
Atrazine
Concen: 53.060 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	8.2	48.2
215	45.0	26.8	66.8

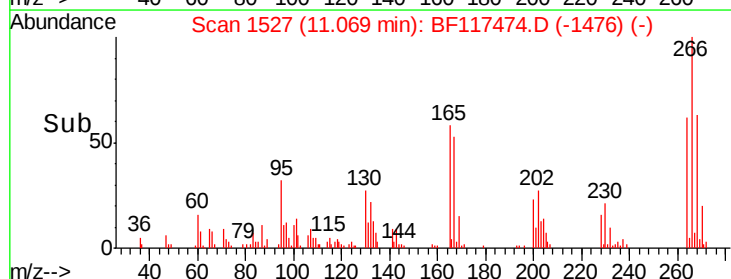
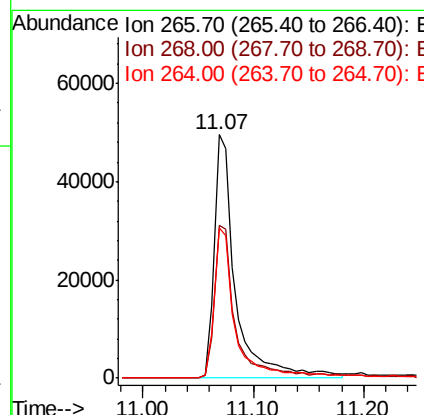
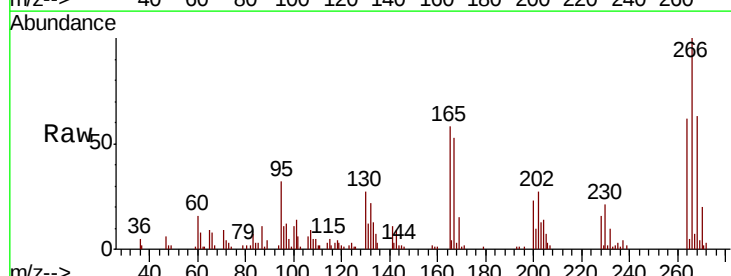
Manual Integrations
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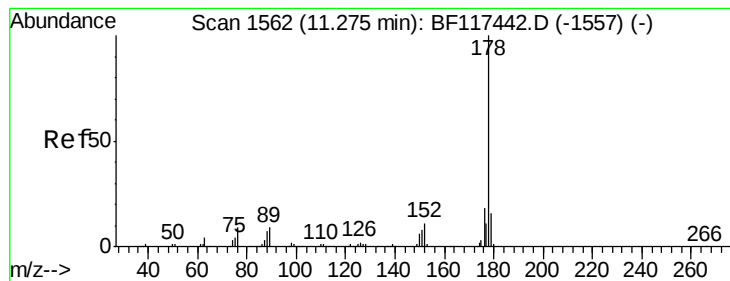
mohammad
10/23/2019 8:05:55 AM



#70
Pentachlorophenol
Concen: 108.132 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	51.6	77.4
264	61.6	51.4	77.2





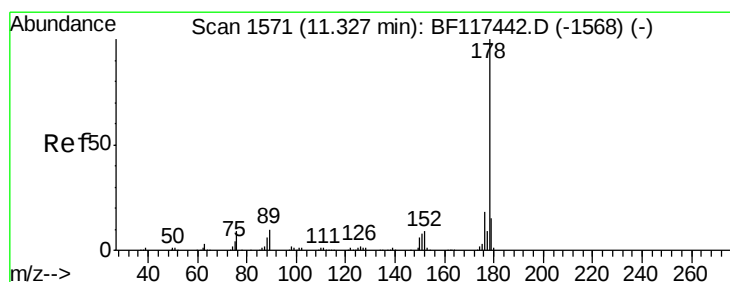
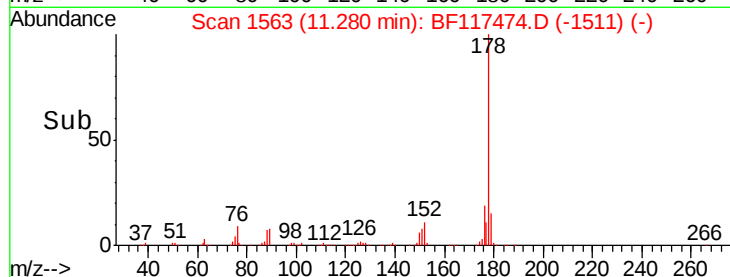
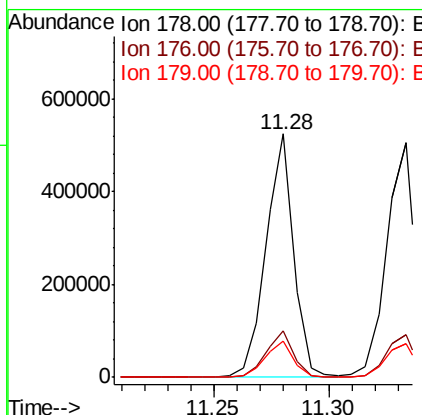
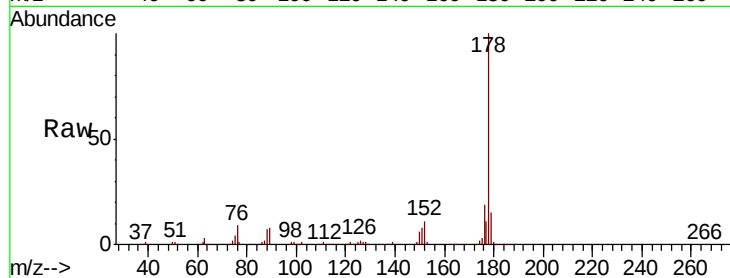
#71
Phenanthrene
Concen: 42.871 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.9	12.6	19.0

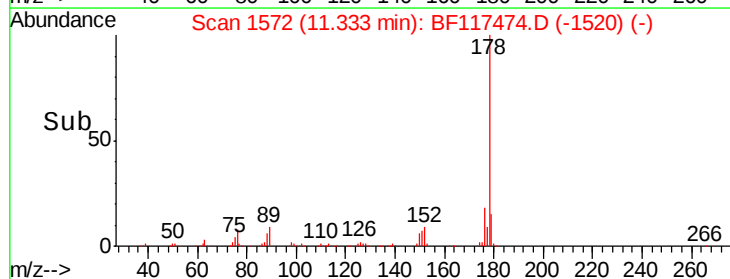
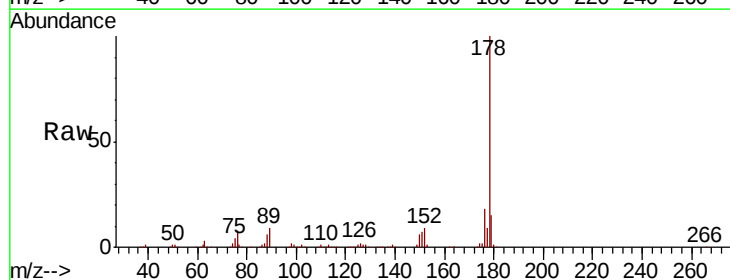
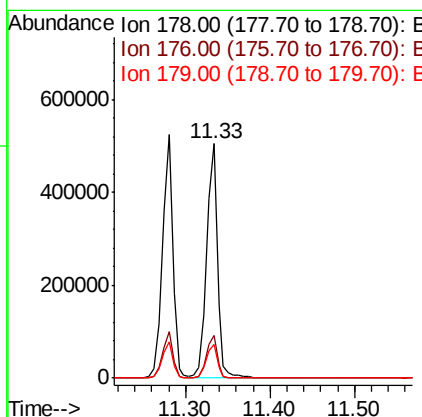
Manual Integrations
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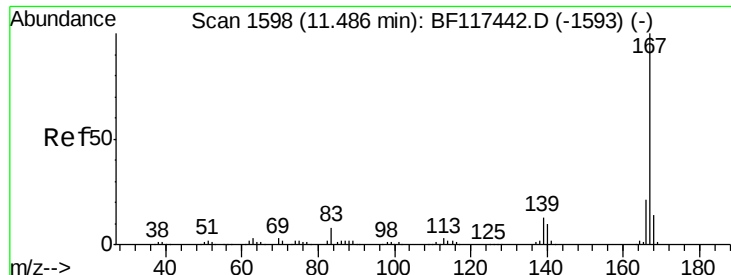
mohammad
10/23/2019 8:05:55 AM



#72
Anthracene
Concen: 43.294 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	14.6	12.2	18.2





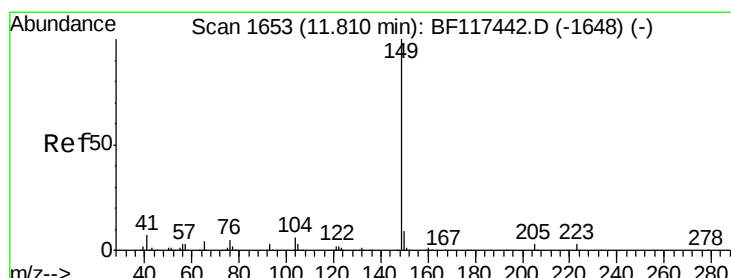
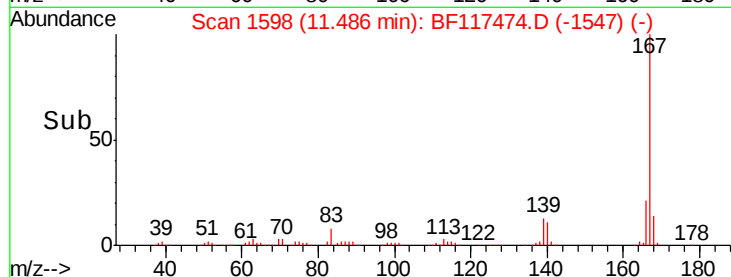
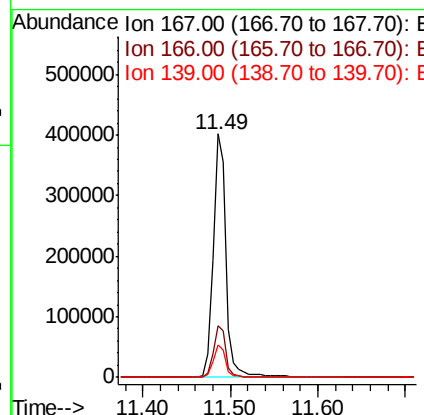
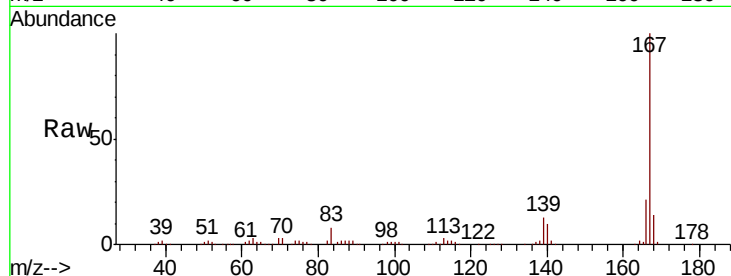
#73
 Carbazole
 Concen: 42.421 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	13.3	10.6	16.0

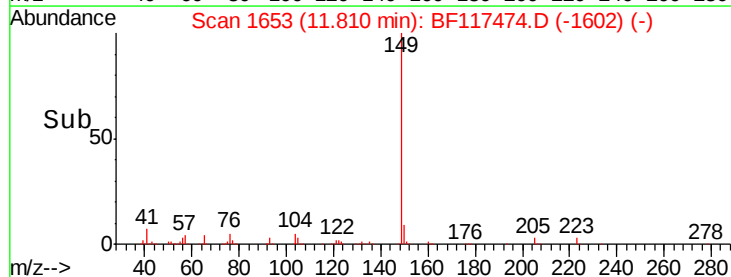
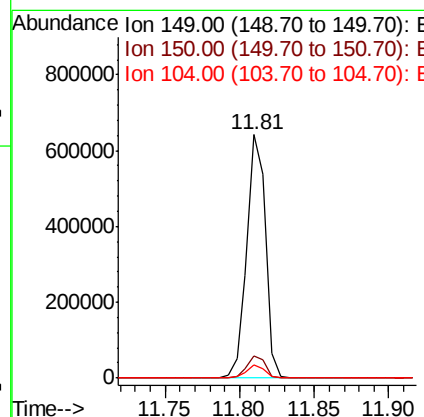
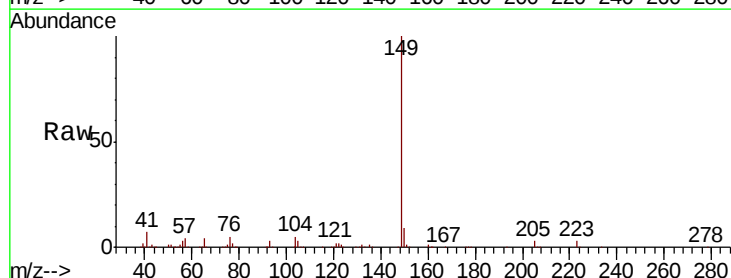
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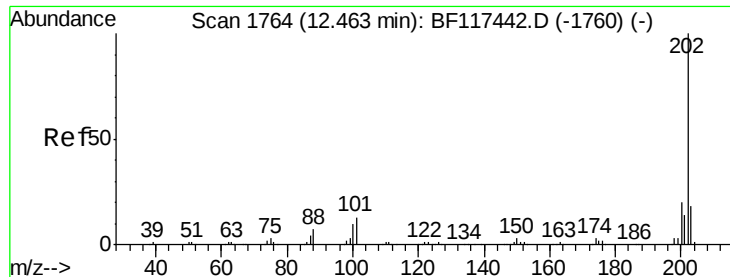
mohammad
 10/23/2019 8:05:55 AM



#74
 Di-n-butylphthalate
 Concen: 43.701 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 42.711 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

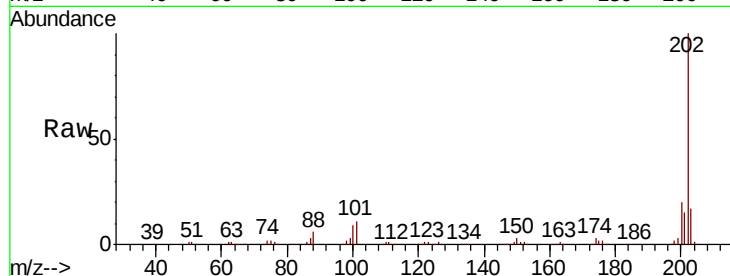
ClientSampleId :

PB124054BS

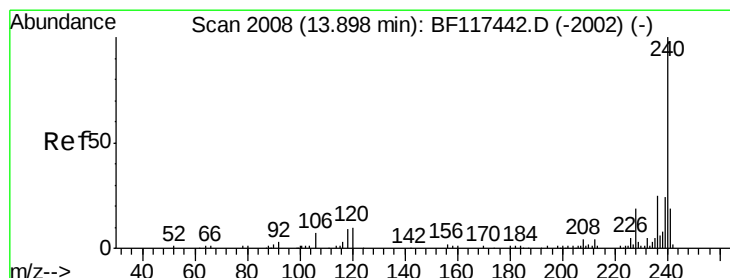
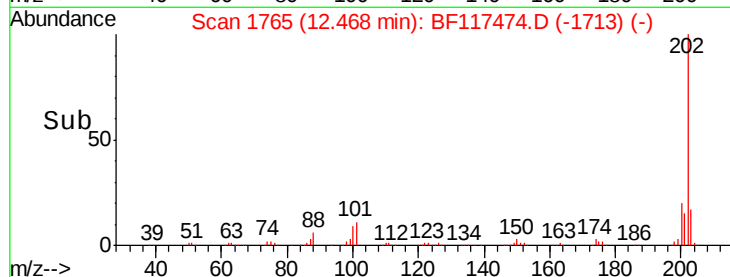
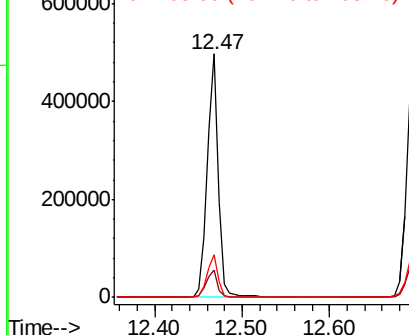
Tot Ion	Ratio	Resp	Lower	Upper
202	100	437100		
101	11.0	0.0	32.7	
203	17.3	0.0	37.6	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

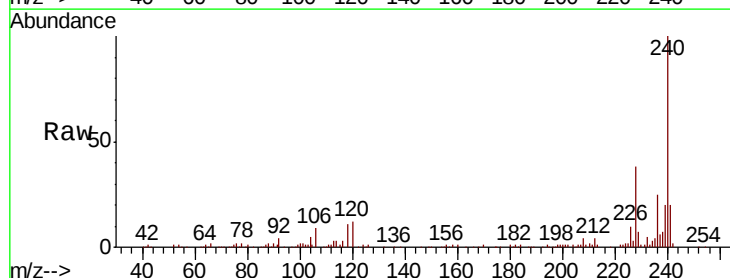
RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

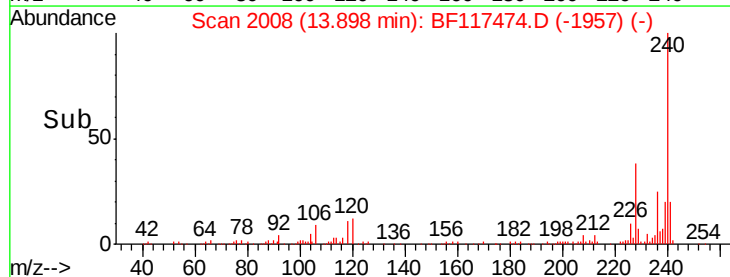
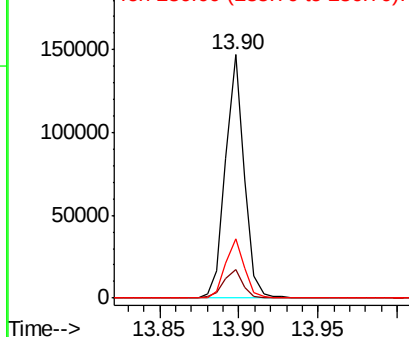
Lab File: BF117474.D

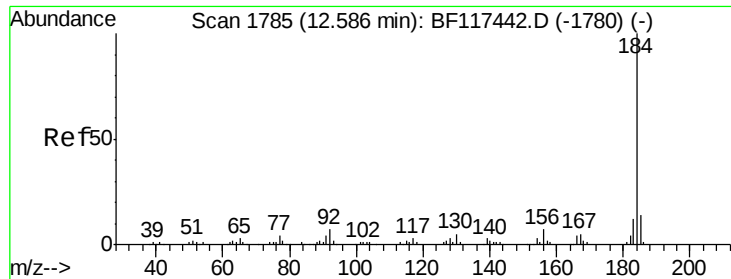
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	120344		
120	11.7	8.4	12.6	
236	24.6	20.0	30.0	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





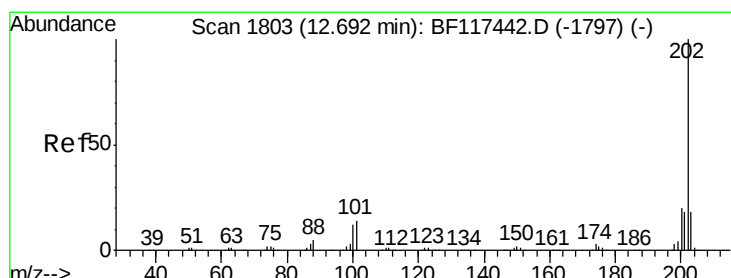
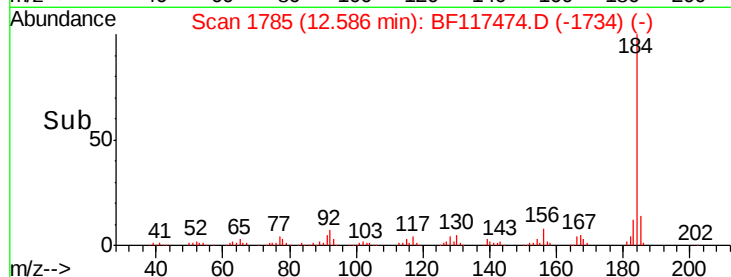
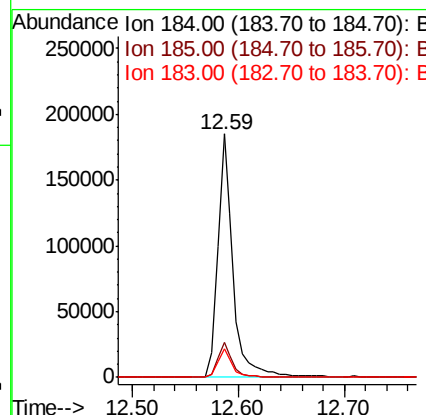
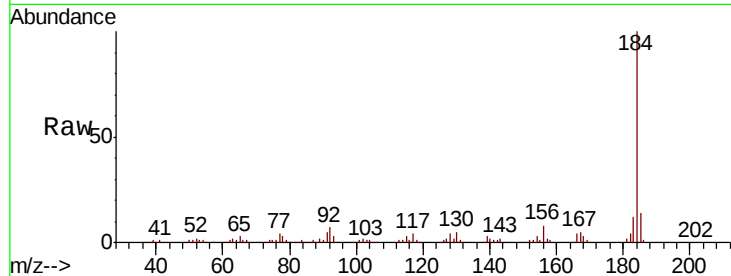
#77
Benzidine
Concen: 70.498 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.0
183	11.9	9.6	14.4

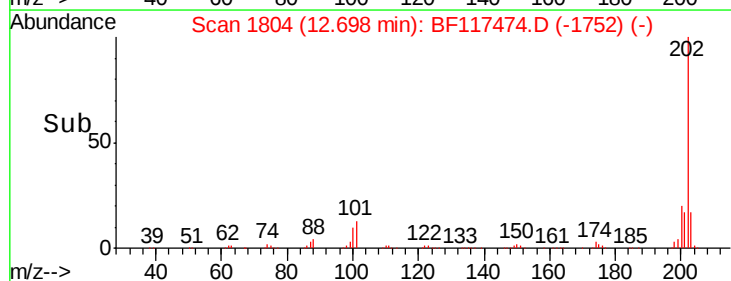
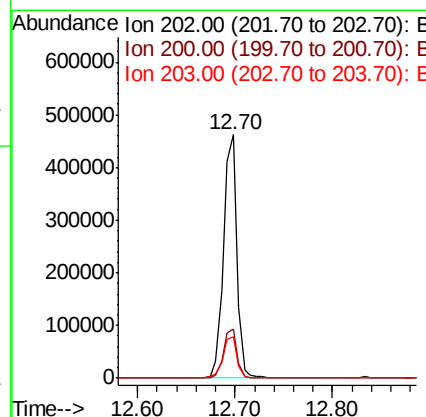
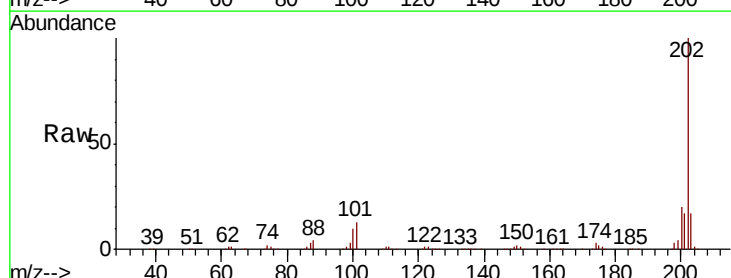
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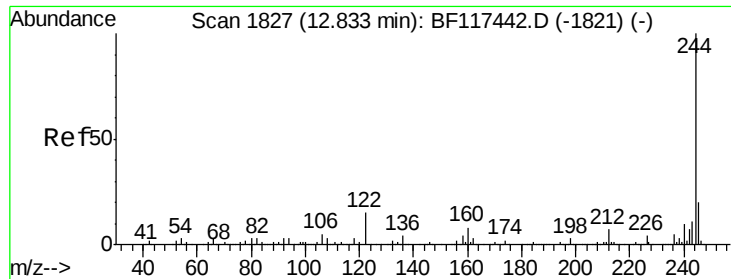
mohammad
10/23/2019 8:05:55 AM



#78
Pyrene
Concen: 42.557 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	16.8	14.0	21.0





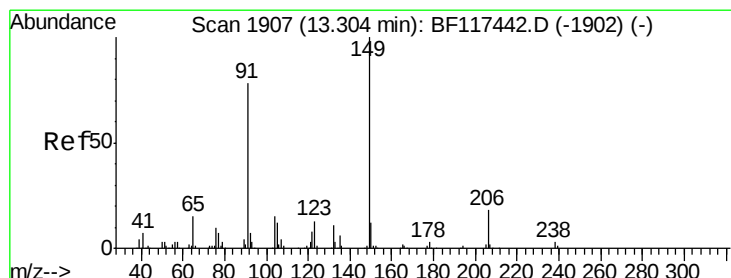
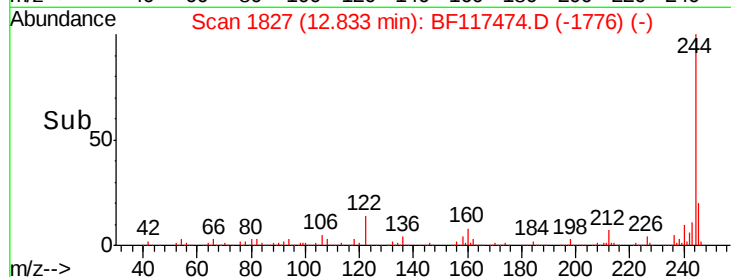
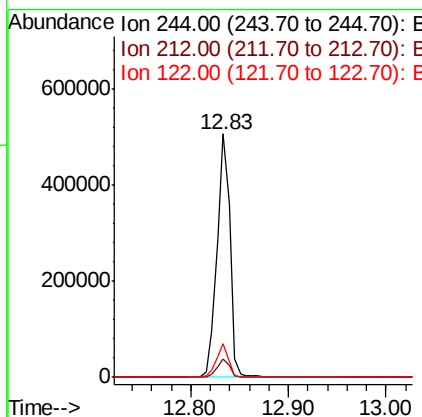
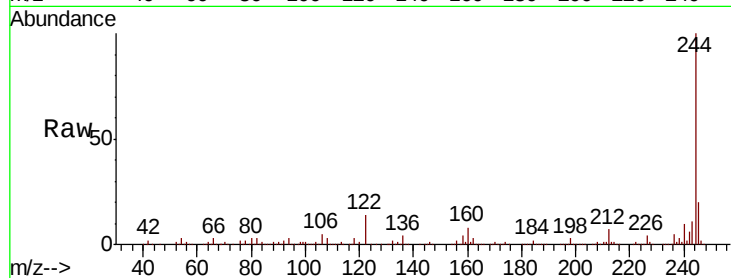
#79
 Terphenyl-d14
 Concen: 63.637 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	13.7	11.8	17.8

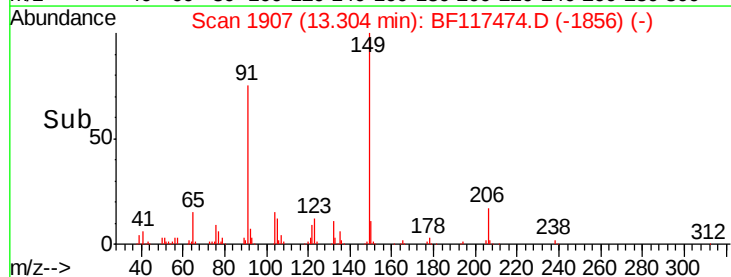
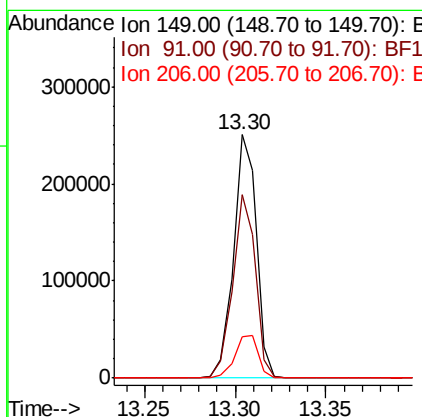
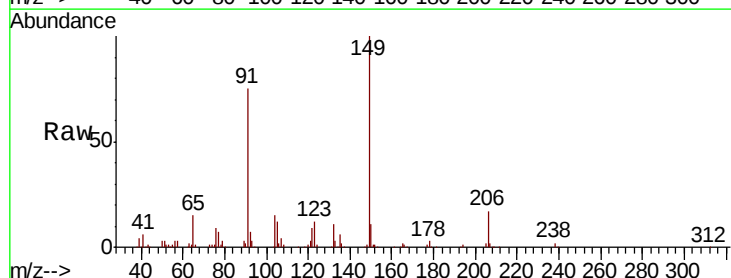
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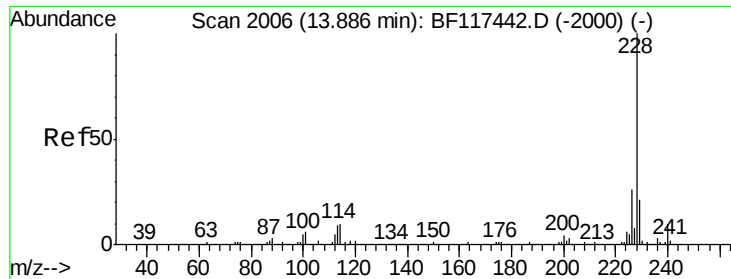
mohammad
 10/23/2019 8:05:55 AM



#80
 Butylbenzylphthalate
 Concen: 42.875 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	62.1	93.1
206	16.9	14.3	21.5





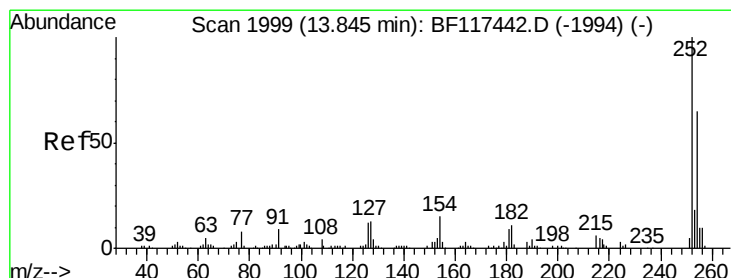
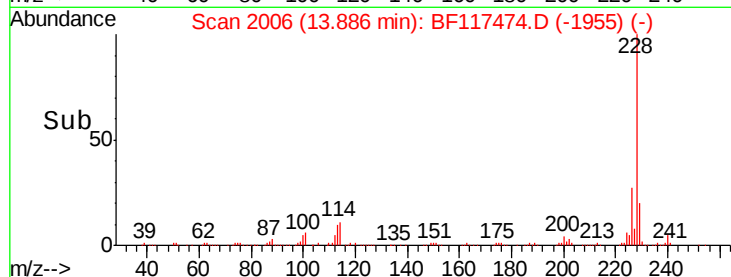
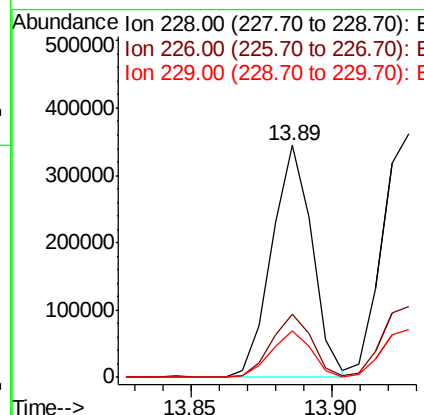
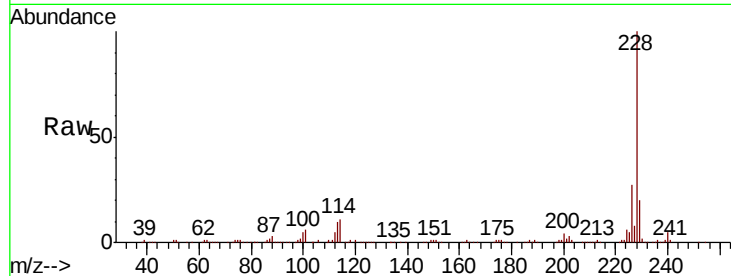
#81
Benzo(a)anthracene
Concen: 41.874 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	20.3	16.4	24.6

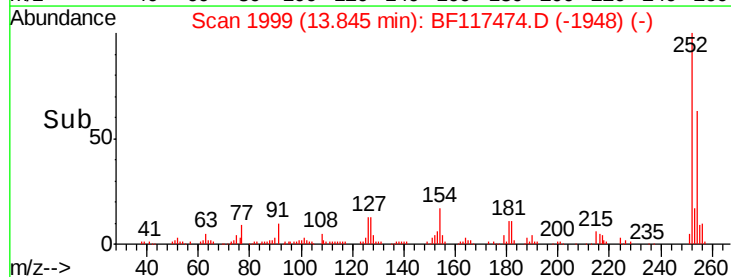
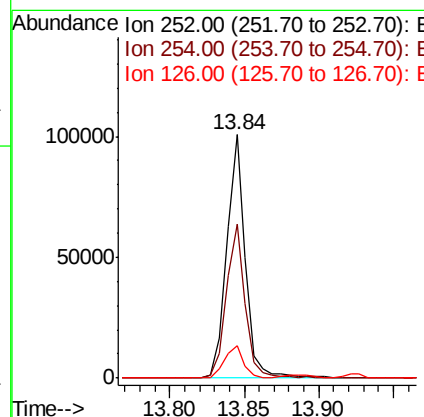
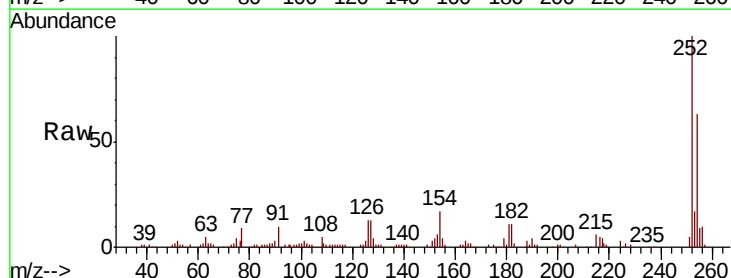
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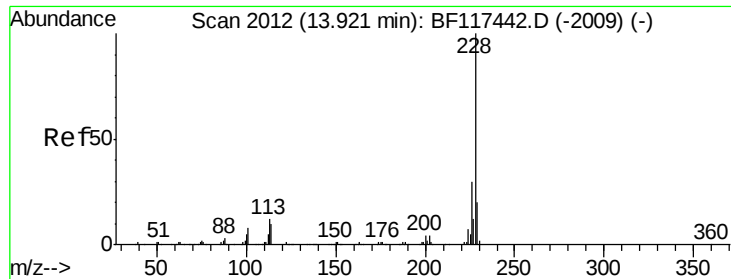
mohammad
10/23/2019 8:05:55 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.819 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.2	78.4
126	13.3	9.2	13.8





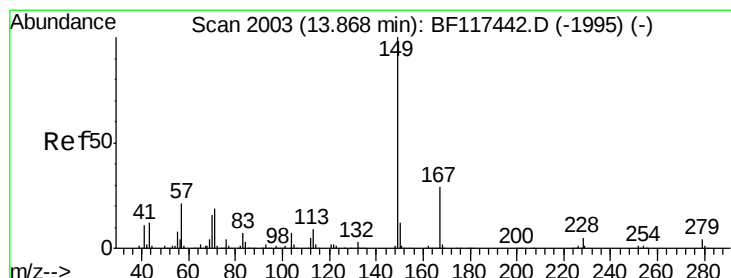
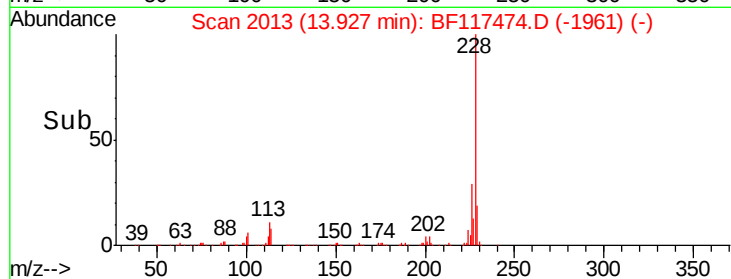
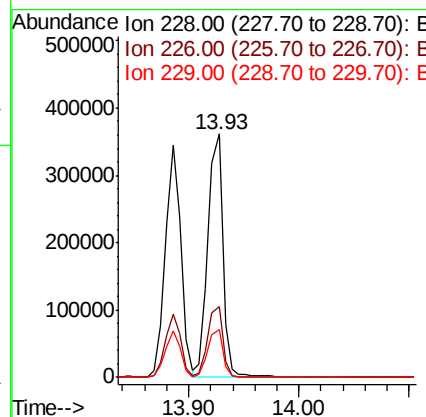
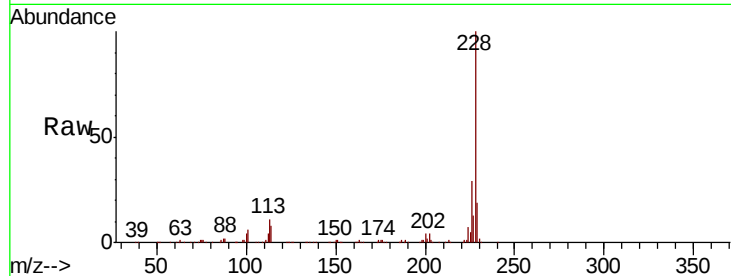
#83
 Chrvsene
 Concen: 42.060 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	19.4	15.8	23.6

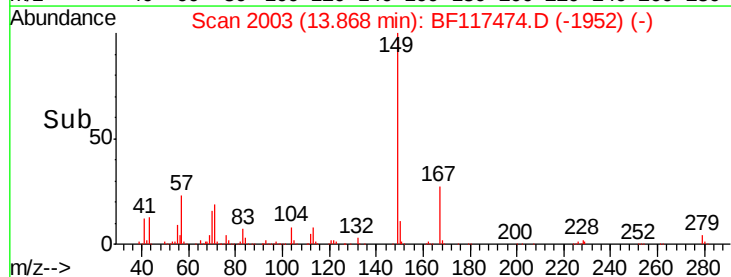
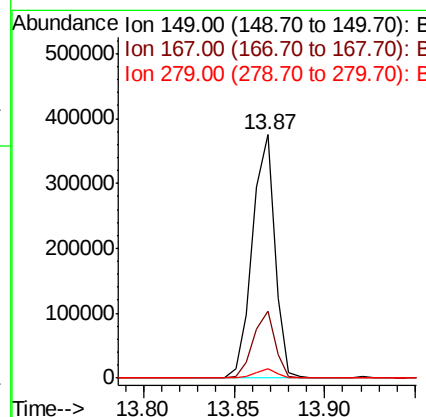
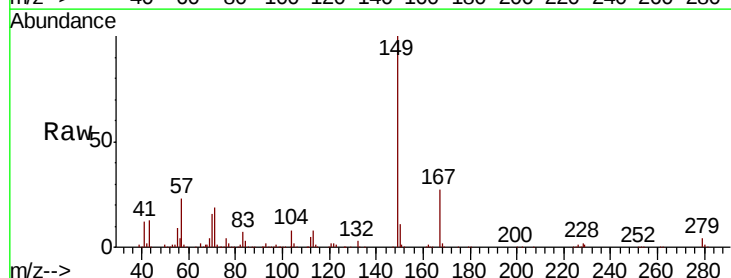
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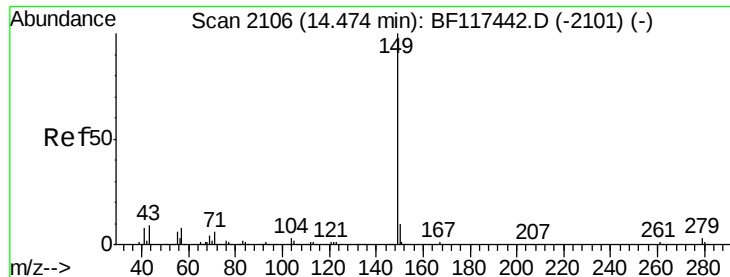
mohammad
 10/23/2019 8:05:55 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.012 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.3	34.9
279	3.9	3.2	4.8





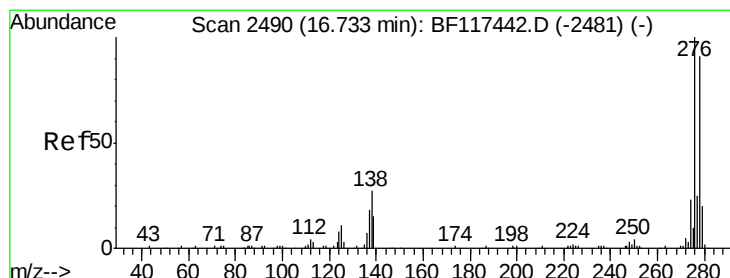
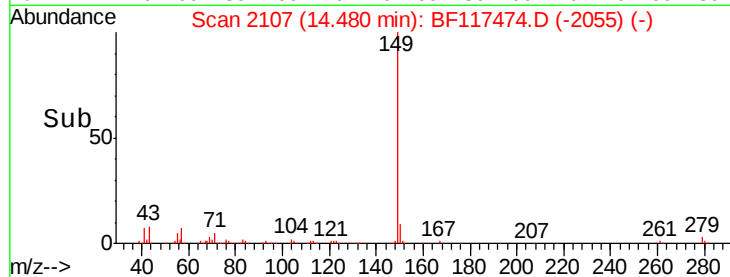
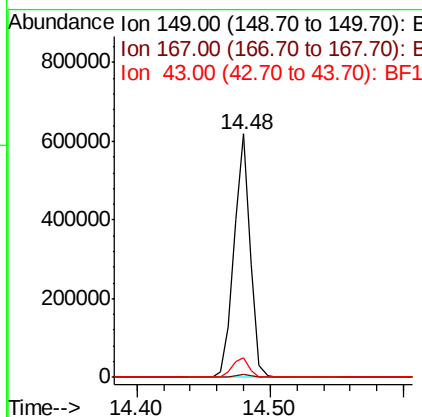
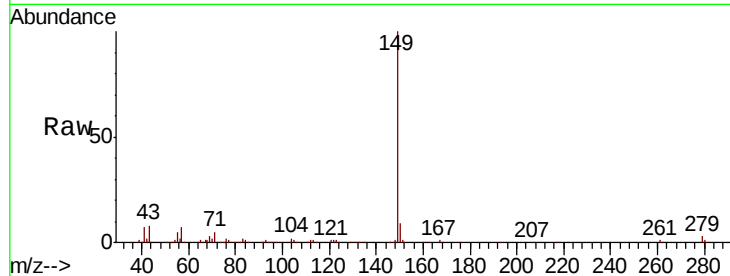
#85
Di-n-octyl phthalate
Concen: 47.476 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	525964		
167	1.4		1.2	1.8
43	8.3		6.8	10.2

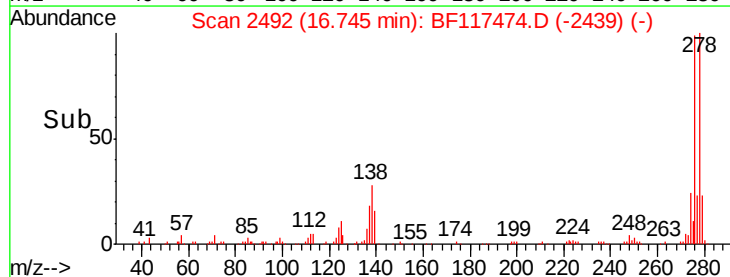
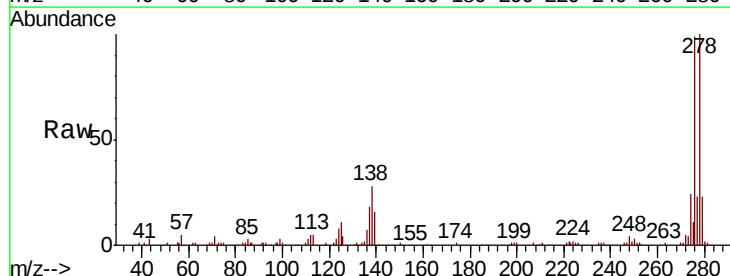
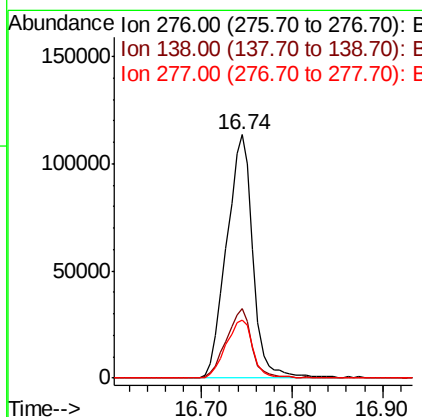
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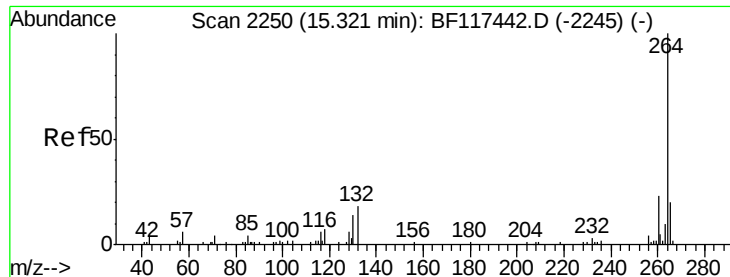
mohammad
10/23/2019 8:05:55 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.659 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	229629		
138	27.6		21.8	32.8
277	24.5		20.0	30.0





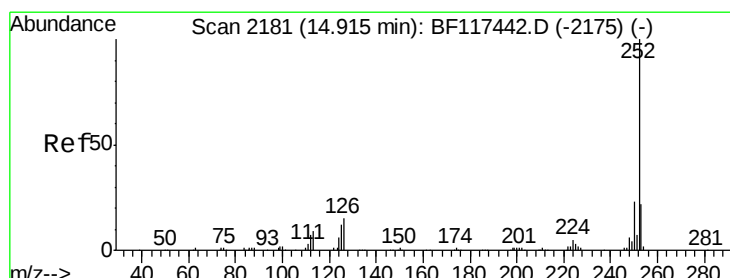
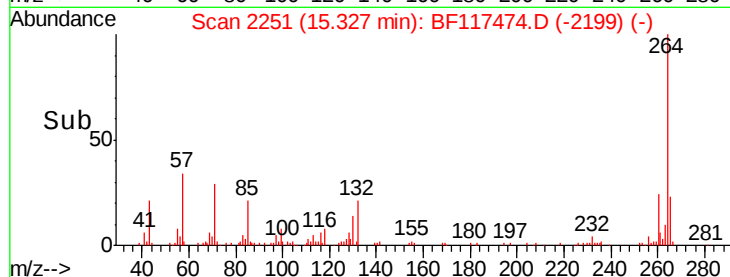
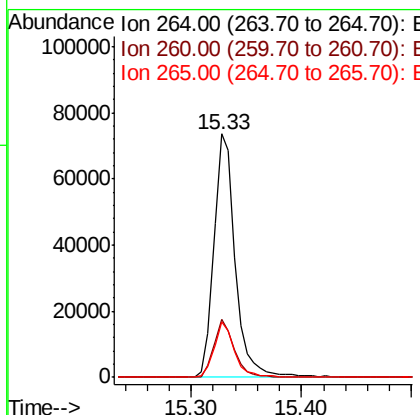
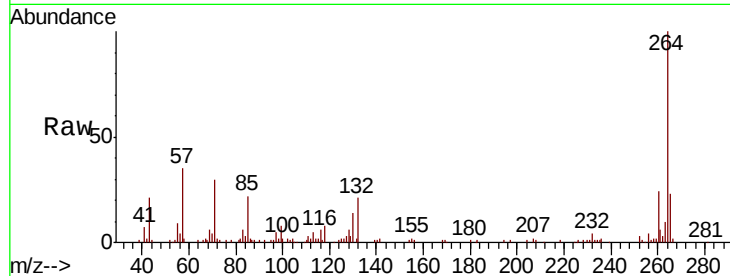
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.6	16.1	24.1

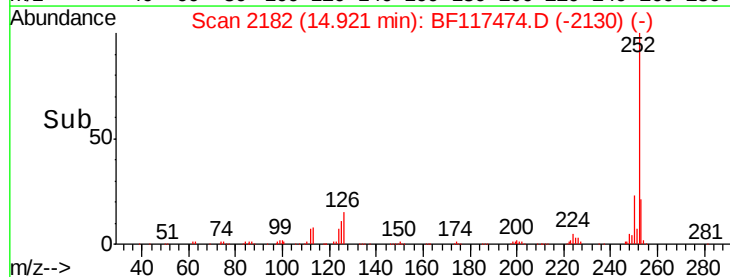
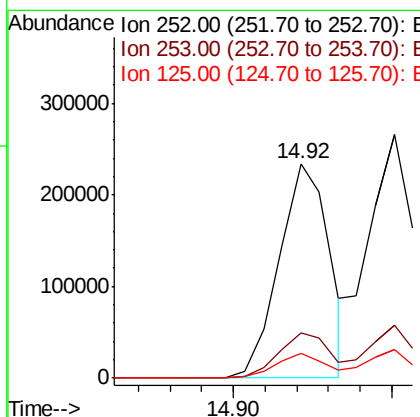
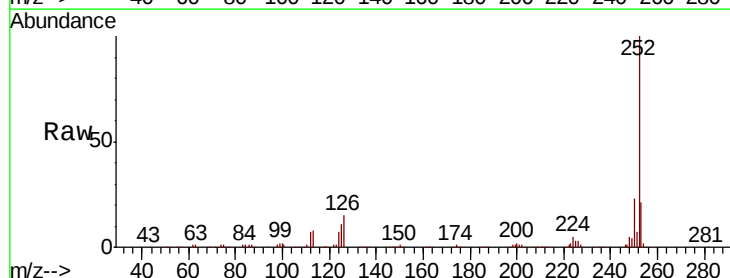
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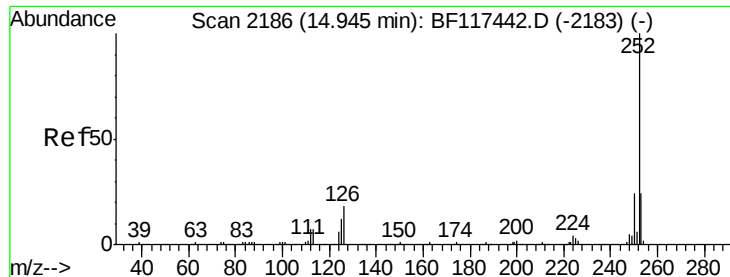
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.576 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	11.4	9.9	14.9





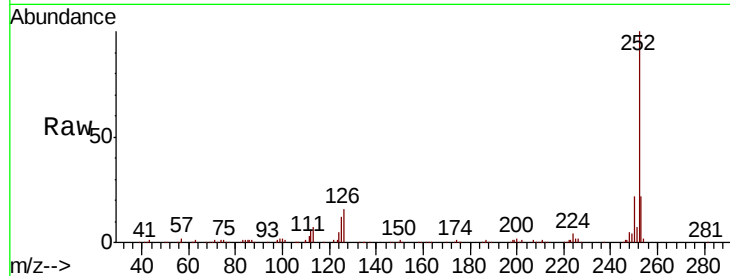
#89
Benzo(k)fluoranthene
Concen: 46.879 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

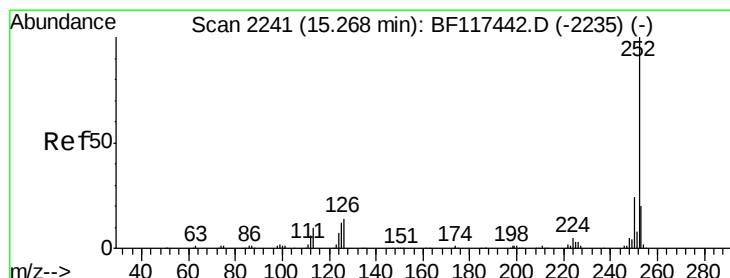
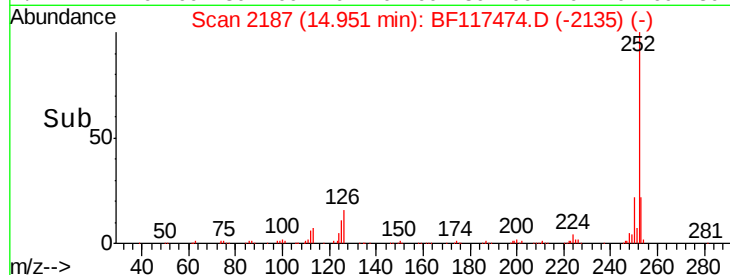
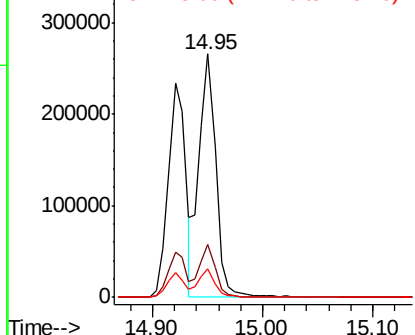
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.6	8.9	13.3

Manual Integrations
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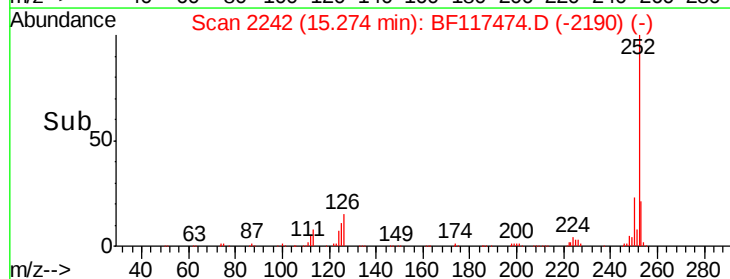
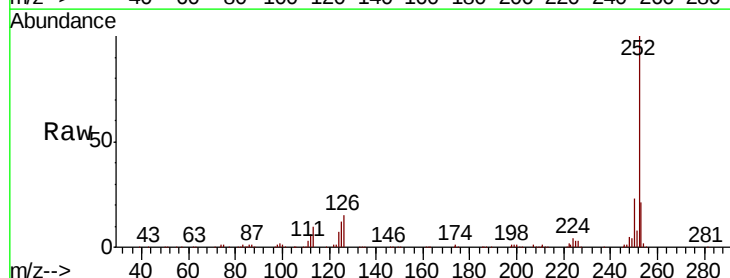
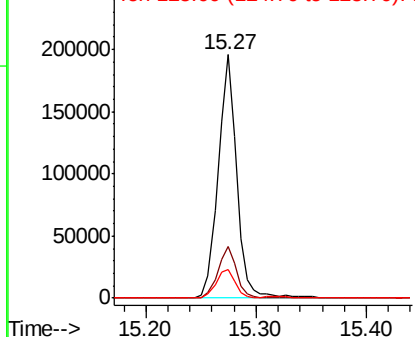
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

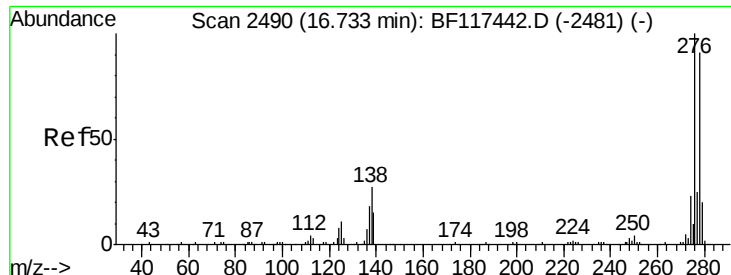


#90
Benzo(a)pyrene
Concen: 43.441 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.3	24.5
125	11.6	9.2	13.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





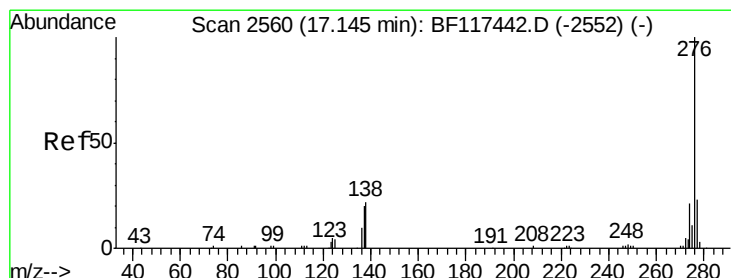
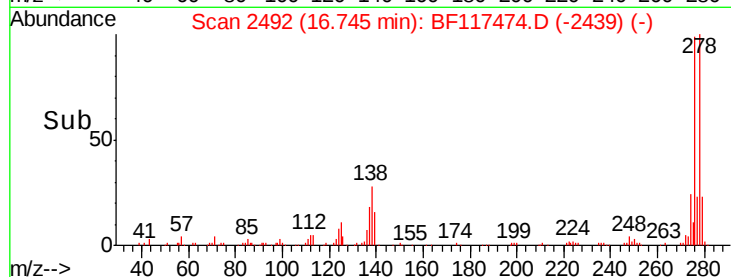
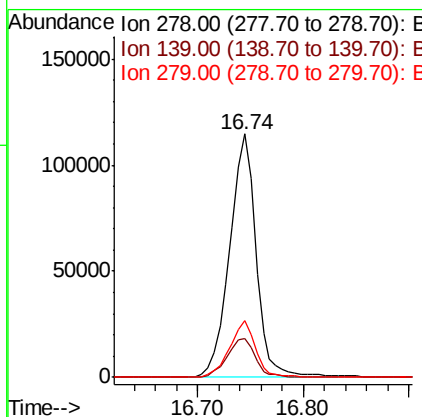
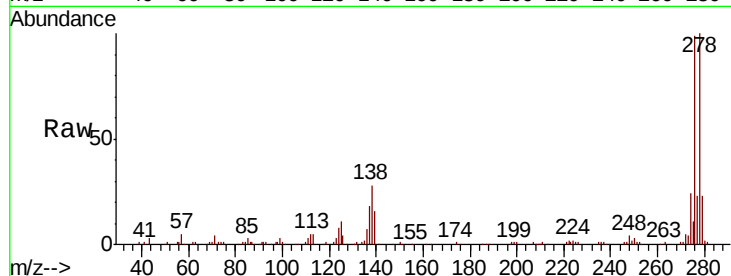
#91
Dibenzo(a,h)anthracene
Concen: 43.699 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.4	20.0
279	23.2	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/23/2019 8:05:55 AM



#92
Benzo(g,h,i)perylene
Concen: 43.465 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.4	27.6
138	22.9	17.8	26.6

