

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117481.D
 Acq On : 22 Oct 2019 18:53
 Operator : JU
 Sample : PB124094BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Manual Integrations
 APPROVED

mohammad
 10/23/2019 8:06:04 AM

Quant Time: Oct 22 19:21:03 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	51764	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	223898	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	113413	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	179817	20.00	ng	0.00
76) Chrysene-d12	13.90	240	131385	20.00	ng	0.00
87) Perylene-d12	15.34	264	89046	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	341562	98.17	ng	0.02
7) Phenol-d6	6.39	99	460619	98.56	ng	0.00
23) Nitrobenzene-d5	7.30	82	241368	53.22	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	91563	93.31	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	426945	53.04	ng	0.00
79) Terphenyl-d14	12.83	244	390873	48.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	47123	32.212	ng	95
3) Pyridine	3.26	79	104543	29.192	ng	95
4) n-Nitrosodimethylamine	3.19	42	45229	34.813	ng	98
6) Aniline	6.40	93	134118	24.445	ng	# 14
8) 2-Chlorophenol	6.53	128	139655	38.037	ng	94
9) Benzaldehyde	6.29	77	50158	18.680	ng	93
10) Phenol	6.40	94	173925	36.464	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	125493	35.571	ng	99
12) 1,3-Dichlorobenzene	6.67	146	135405	33.048	ng	98
13) 1,4-Dichlorobenzene	6.75	146	140959	33.913	ng	97
14) 1,2-Dichlorobenzene	6.90	146	133447	34.061	ng	98
15) Benzyl Alcohol	6.89	79	123628	37.027	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	127764	33.570	ng	66
17) 2-Methylphenol	7.00	107	114960	38.062	ng	97
18) Hexachloroethane	7.24	117	53606	33.043	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	102092	35.771	ng	98
20) 3+4-Methylphenols	7.16	107	153010	38.639	ng	# 80
22) Acetophenone	7.15	105	198527	33.392	ng	96
24) Nitrobenzene	7.32	77	155667	35.836	ng	96
25) Isophorone	7.56	82	277080	35.316	ng	96
26) 2-Nitrophenol	7.64	139	71440	36.874	ng	98
27) 2,4-Dimethylphenol	7.68	122	119228	41.179	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	164333	33.945	ng	99
29) 2,4-Dichlorophenol	7.89	162	110554	36.404	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	109920	33.728	ng	98
31) Naphthalene	8.04	128	391616	35.287	ng	99
32) Benzoic acid	7.84	122	65098	32.825	ng	94
33) 4-Chloroaniline	8.09	127	101563	21.684	ng	98
34) Hexachlorobutadiene	8.15	225	60214	31.922	ng	96
35) Caprolactam	8.46	113	35536m	36.426	ng	
36) 4-Chloro-3-methylphenol	8.59	107	127888	36.925	ng	99
37) 2-Methylnaphthalene	8.73	142	268180	35.862	ng	99
38) 1-Methylnaphthalene	8.83	142	252069	35.872	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101466	33.217	ng	99

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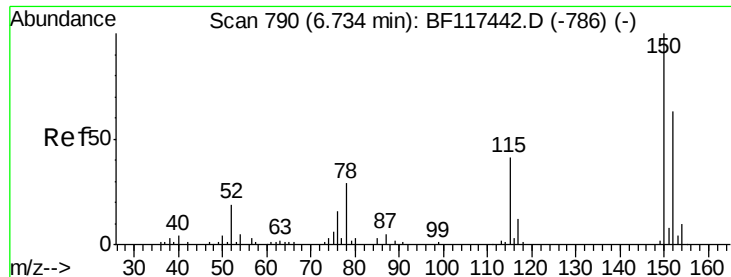
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	30498	47.432	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	68221	35.663	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	73247	37.787	nq	94
46) 1,1'-Biphenyl	9.19	154	308258	32.832	nq	100
47) 2-Chloronaphthalene	9.22	162	237135	33.497	nq	99
48) 2-Nitroaniline	9.32	65	79154	34.060	nq	96
49) Acenaphthylene	9.63	152	367342	35.328	nq	98
50) Dimethylphthalate	9.49	163	272096	33.654	nq	99
51) 2,6-Dinitrotoluene	9.56	165	60485	35.850	nq	97
52) Acenaphthene	9.80	154	216658	33.961	nq	98
53) 3-Nitroaniline	9.73	138	47797	23.349	nq	99
54) 2,4-Dinitrophenol	9.86	184	41823	61.051	nq	97
55) Dibenzofuran	9.97	168	321760	34.812	nq	97
56) 4-Nitrophenol	9.92	139	62793	67.328	nq	88
57) 2,4-Dinitrotoluene	9.97	165	79327	35.364	nq	98
58) Fluorene	10.32	166	262360	34.325	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	54340	35.668	nq	96
60) Diethylphthalate	10.19	149	273206	33.408	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	117346	34.219	nq	97
62) 4-Nitroaniline	10.35	138	62128	32.199	nq	94
63) Azobenzene	10.47	77	289867	34.625	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	32810	35.888	nq	89
66) n-Nitrosodiphenylamine	10.43	169	227922	34.672	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	64034	33.061	nq	97
68) Hexachlorobenzene	10.87	284	67127	32.362	nq	99
69) Atrazine	10.96	200	67344	40.265	nq	97
70) Pentachlorophenol	11.07	266	50976	81.979	nq	98
71) Phenanthrene	11.28	178	365501	35.005	nq	99
72) Anthracene	11.33	178	380788	35.543	nq	99
73) Carbazole	11.49	167	345811	35.320	nq	99
74) Di-n-butylphthalate	11.81	149	423805	32.396	nq	99
75) Fluoranthene	12.47	202	366406	35.054	nq	99
77) Benzidine	12.59	184	72944	15.638	nq	98
78) Pyrene	12.70	202	372088	32.971	nq	99
80) Butylbenzylphthalate	13.30	149	177968	31.691	nq	98
81) Benzo(a)anthracene	13.89	228	300404	33.896	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	92056	33.102	nq	# 98
83) Chrysene	13.93	228	296130	34.094	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	245392	31.194	nq	97
85) Di-n-octyl phthalate	14.49	149	405534	33.529	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	214789	33.122	nq	99
88) Benzo(b)fluoranthene	14.93	252	241529	45.933	nq	97
89) Benzo(k)fluoranthene	14.96	252	254242	47.174	nq	99
90) Benzo(a)pyrene	15.29	252	217189	45.429	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	184661	44.670	nq	97
92) Benzo(g,h,i)perylene	17.18	276	177777	45.451	nq	98

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



#1

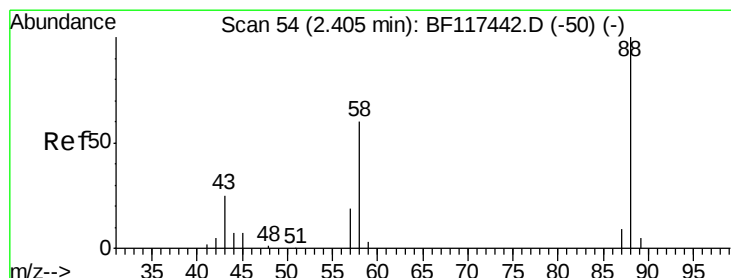
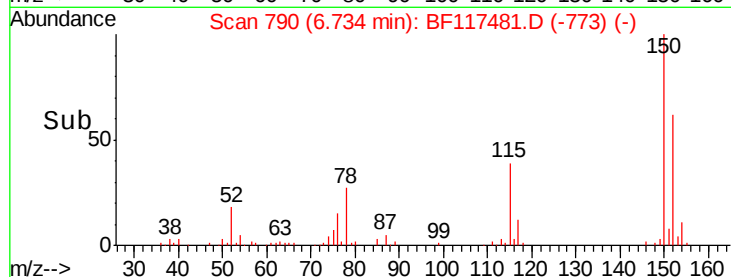
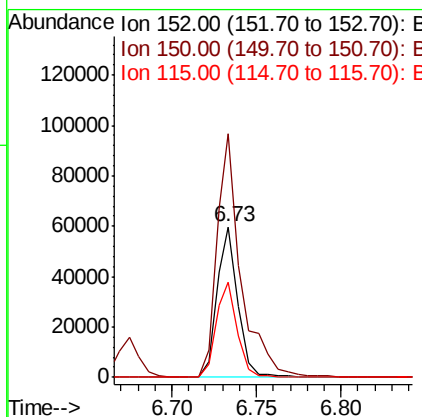
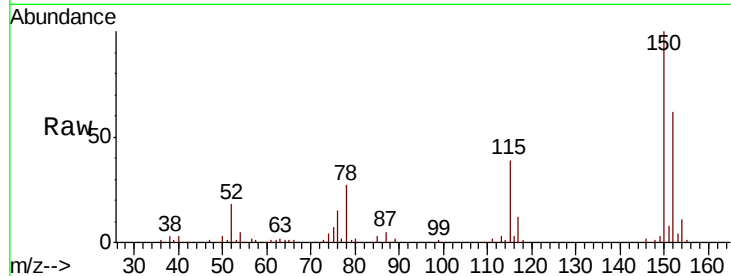
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.8	190.2
115	63.1	51.6	77.4

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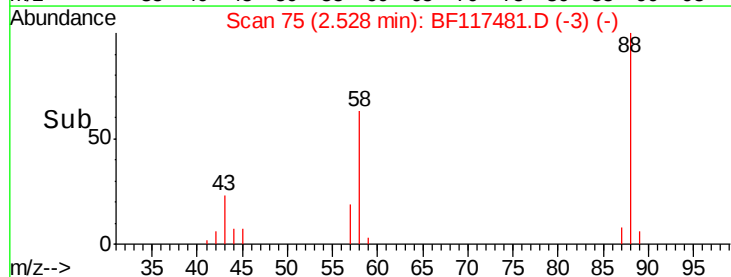
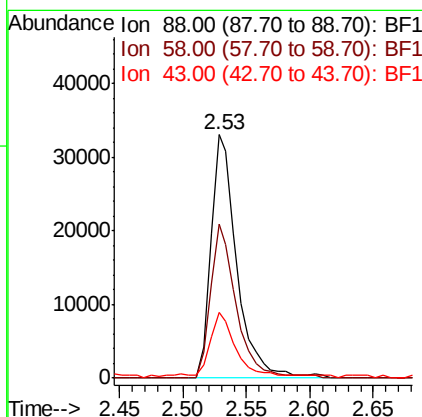
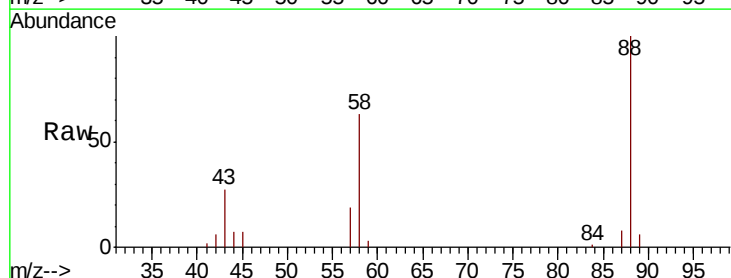
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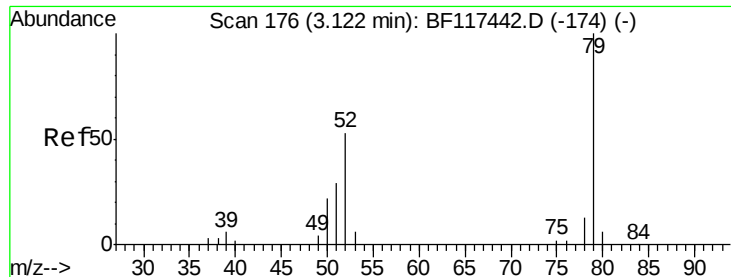


#2

1,4-Dioxane
Concen: 32.212 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.12 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	48.8	73.2
43	27.7	18.5	27.7





#3

Pvridine

Concen: 29.192 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.14 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

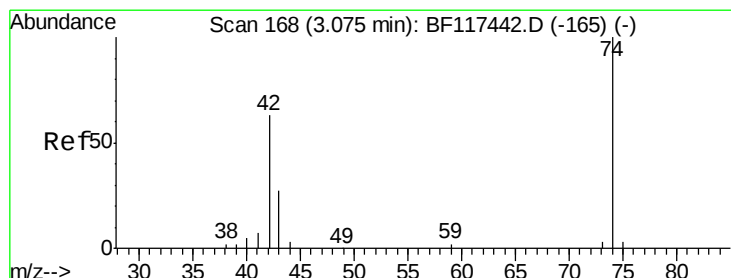
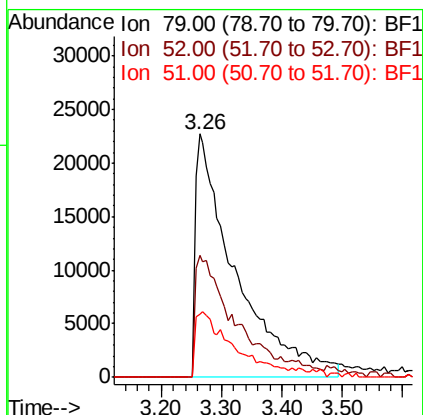
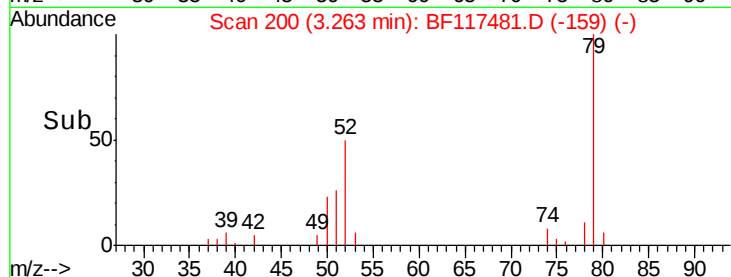
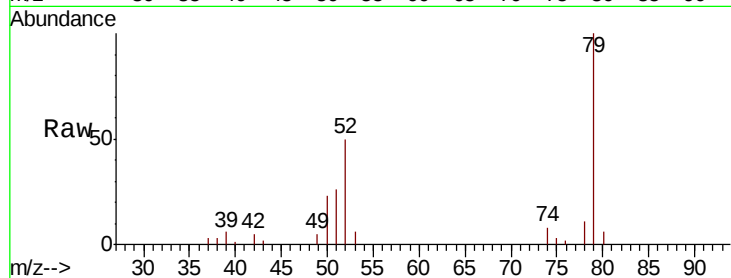
ClientSampleId :

PB124094BS

Tot Ion:	79	Resp:	104543
Ion	Ratio	Lower	Upper
79	100		
52	50.0	42.4	63.6
51	26.0	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 34.813 ng

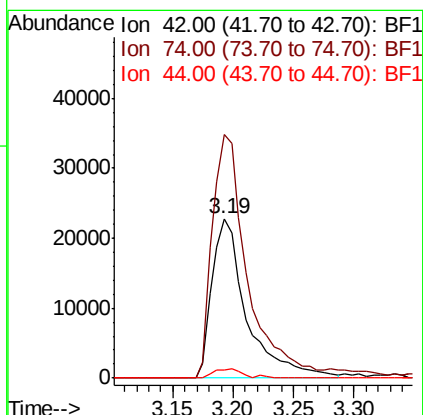
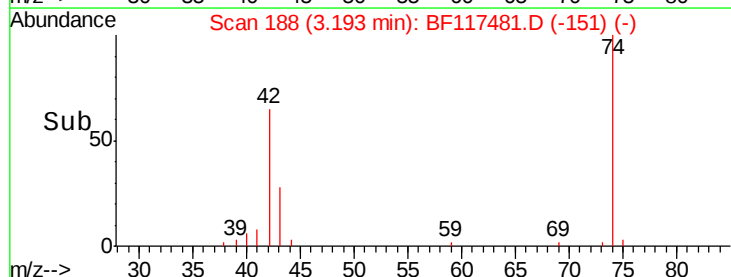
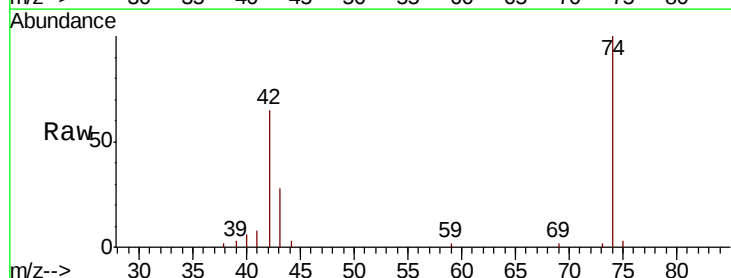
RT: 3.19 min Scan# 188

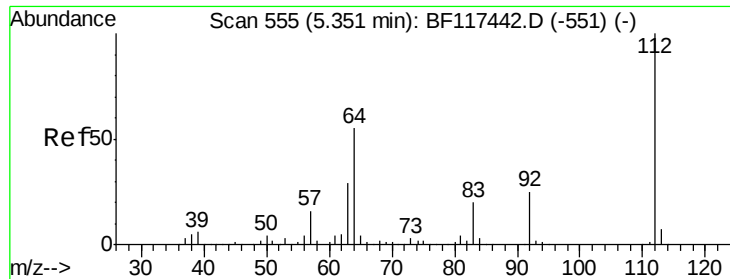
Delta R.T. 0.12 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	42	Resp:	45229
Ion	Ratio	Lower	Upper
42	100		
74	152.8	124.2	186.4
44	5.1	4.2	6.4





#5

2-Fluorophenol

Concen: 98.165 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

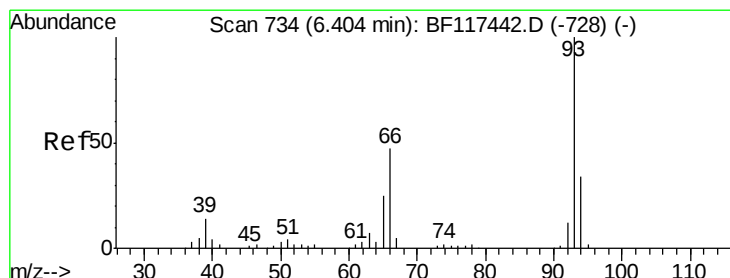
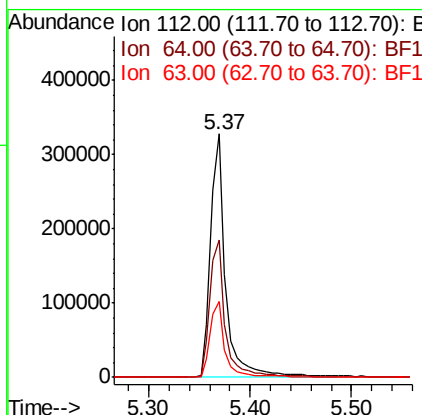
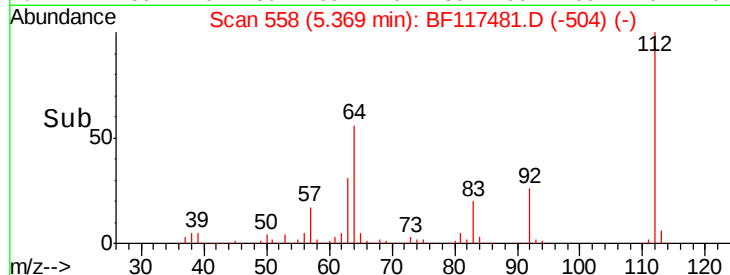
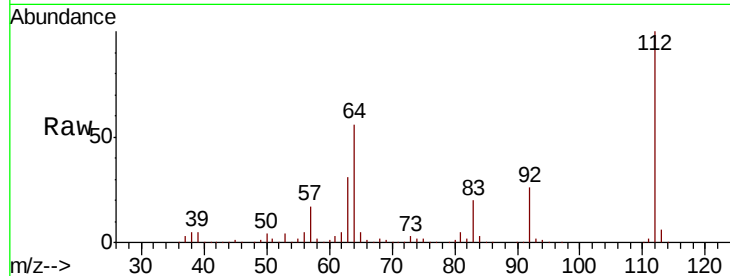
ClientSampleId :

PB124094BS

Tot Ion:	112	Resp:	341562
Ion Ratio	Lower	Upper	
112	100		
64	56.5	44.1	66.1
63	30.9	23.4	35.2

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#6

Aniline

Concen: 24.445 ng

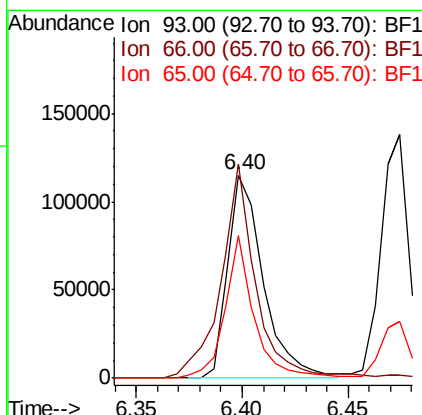
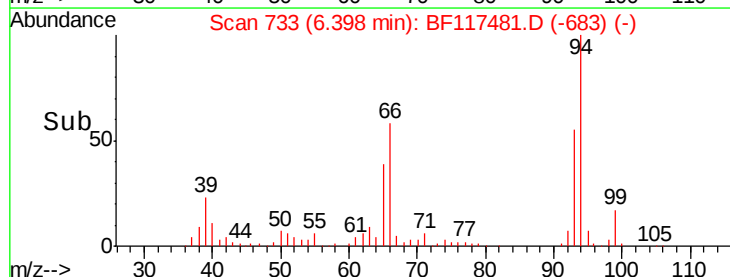
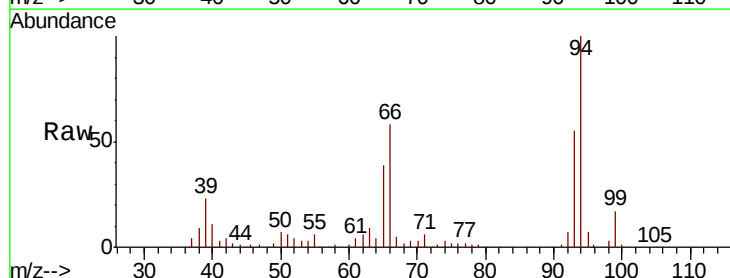
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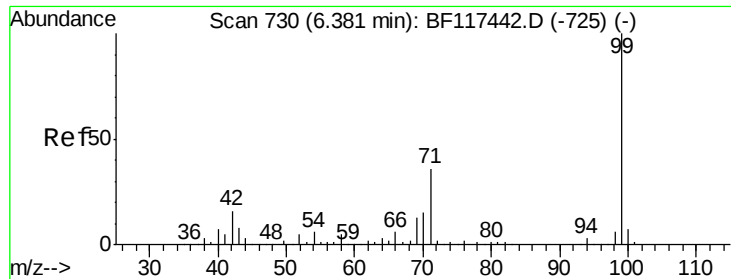
Delta R.T. -0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	93	Resp:	134118
Ion Ratio	Lower	Upper	
93	100		
66	105.6	38.7	58.1#
65	70.1	20.1	30.1#





#7

Phenol-d6

Concen: 98.564 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

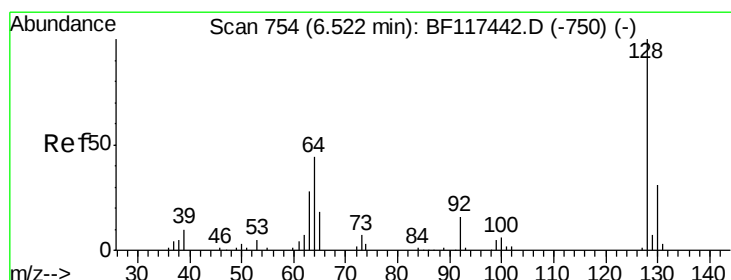
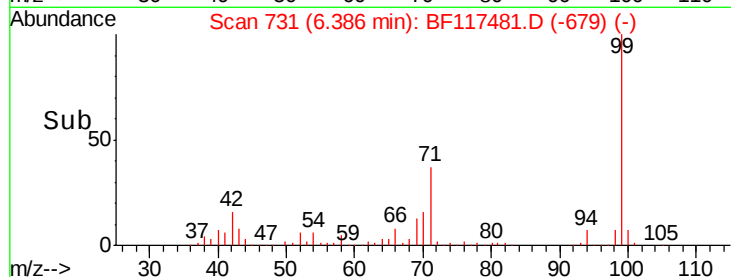
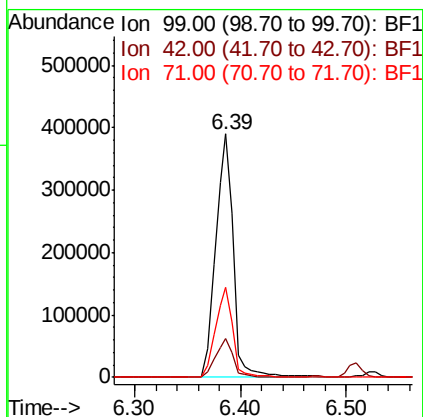
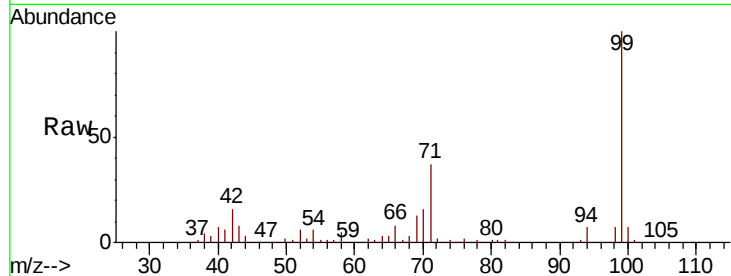
ClientSampleID :

PB124094BS

Tot Ion:	99	Resp:	460619
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.8	19.2
71	36.8	28.6	43.0

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#8

2-Chlorophenol

Concen: 38.037 ng

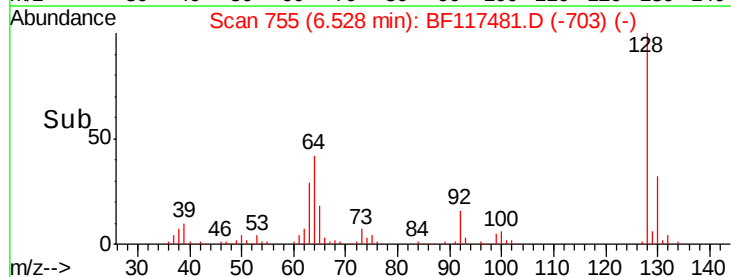
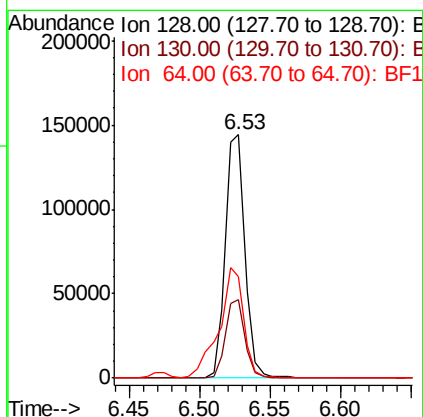
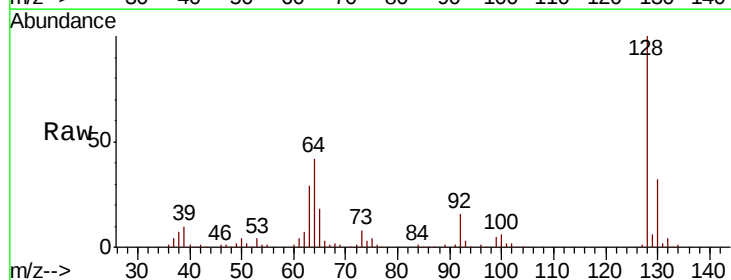
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	128	Resp:	139655
Ion Ratio	Lower	Upper	
128	100		
130	32.5	11.1	51.1
64	41.8	27.1	67.1





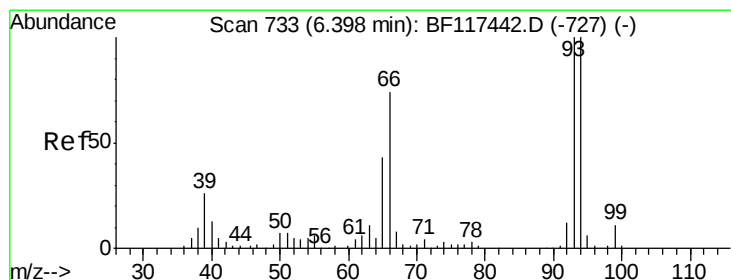
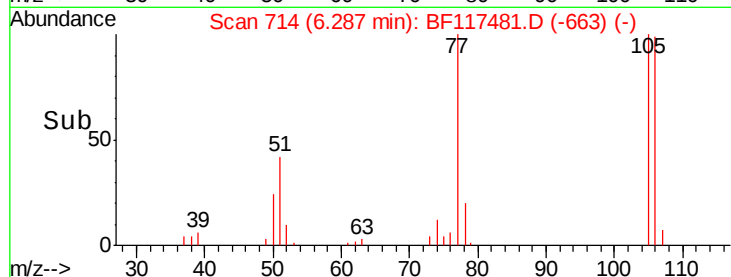
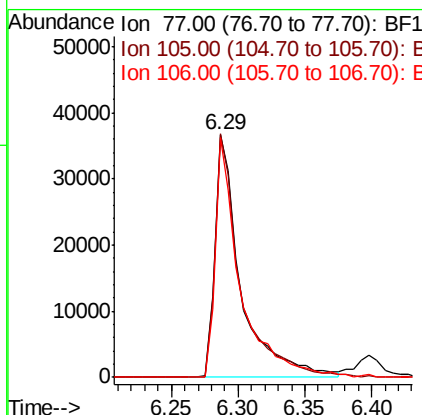
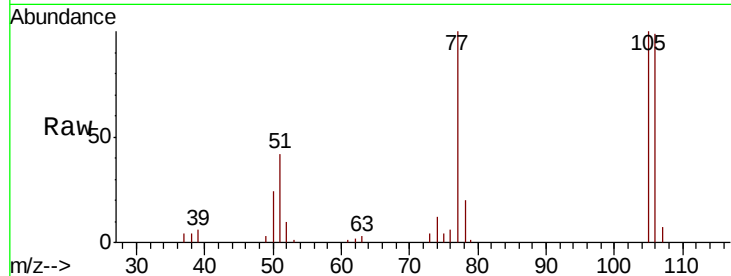
#9
Benzaldehyde
Concen: 18.680 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.2	73.4	113.4
106	98.8	73.0	113.0

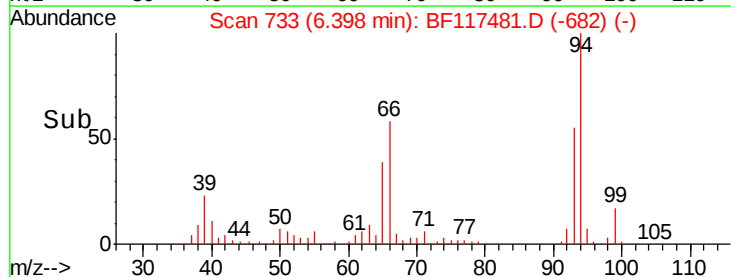
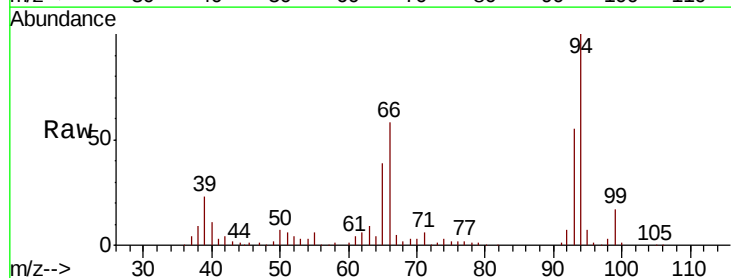
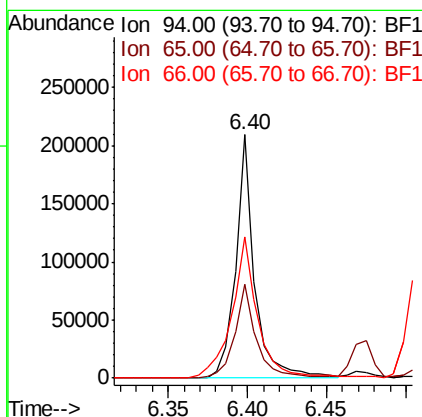
Manual Integrations
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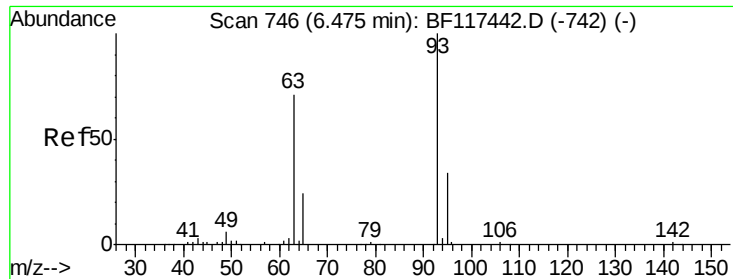
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#10
Phenol
Concen: 36.464 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.5	23.4	63.4
66	58.1	54.7	94.7





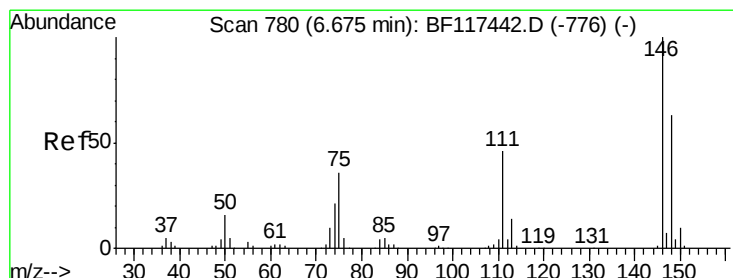
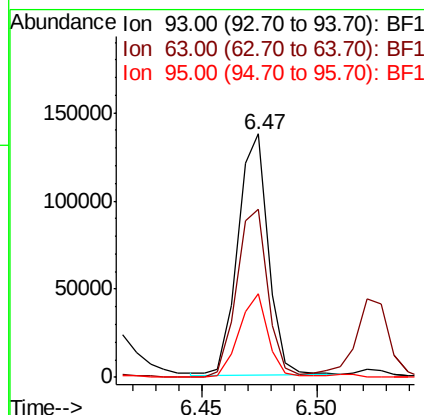
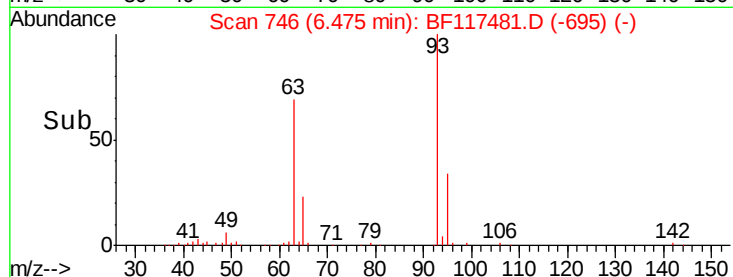
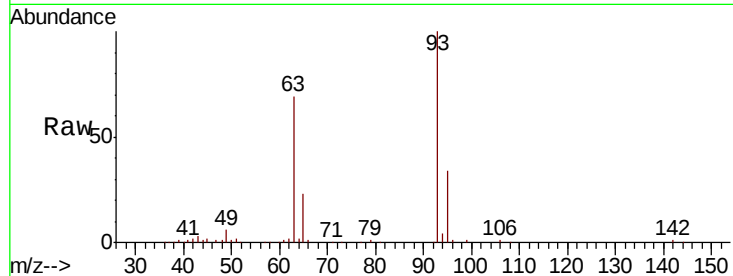
#11
bis(2-Chloroethyl)ether
Concen: 35.571 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:	93	Resp:	125493
Ion Ratio	Lower	Upper	
93	100		
63	68.9	50.2	90.2
95	34.5	13.9	53.9

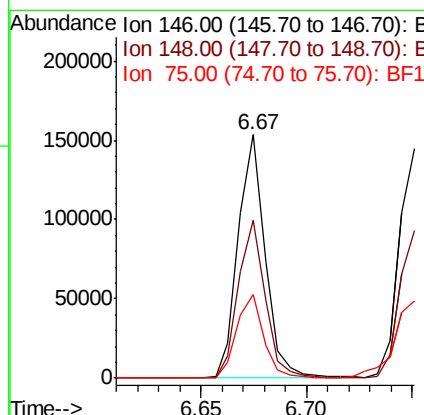
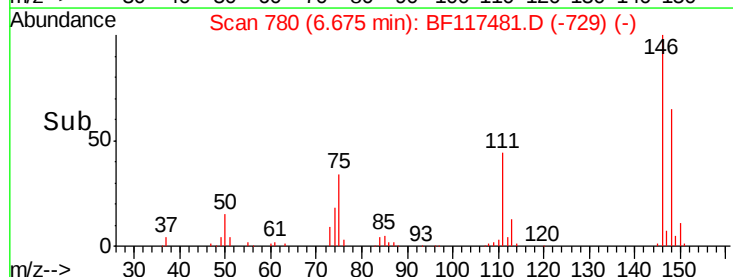
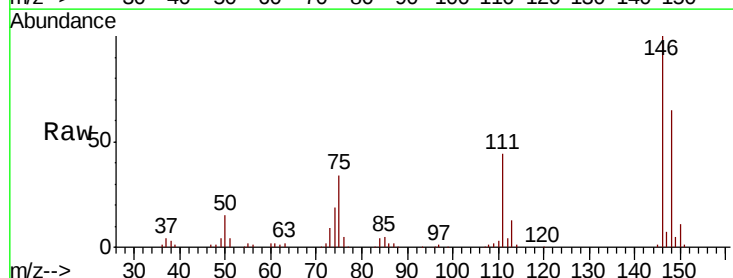
Manual Integrations
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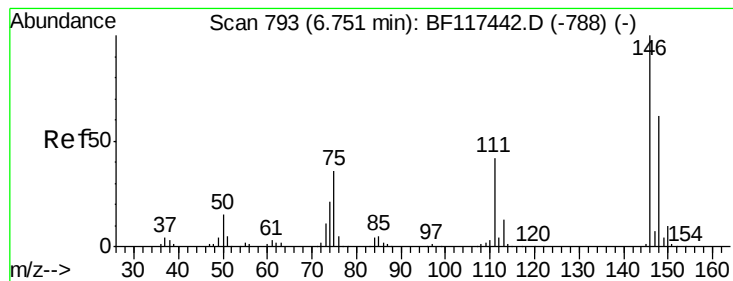
mohammad
10/23/2019 8:06:04 AM



#12
1,3-Dichlorobenzene
Concen: 33.048 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:	146	Resp:	135405
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	75.8
75	34.2	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 33.913 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

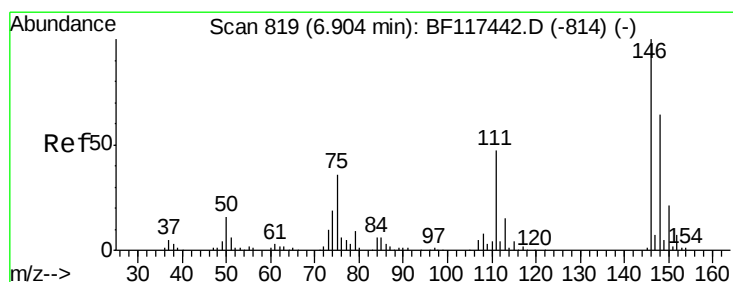
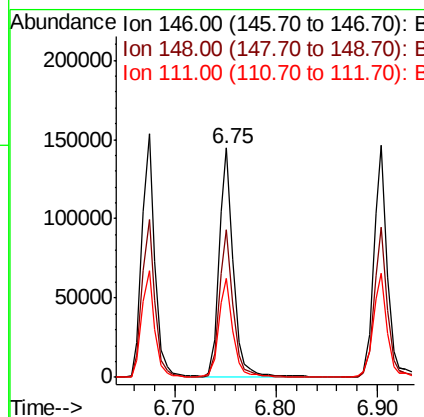
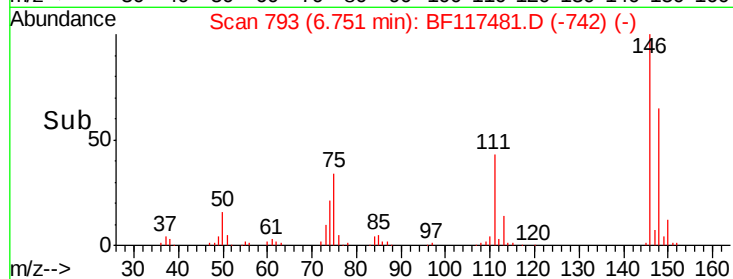
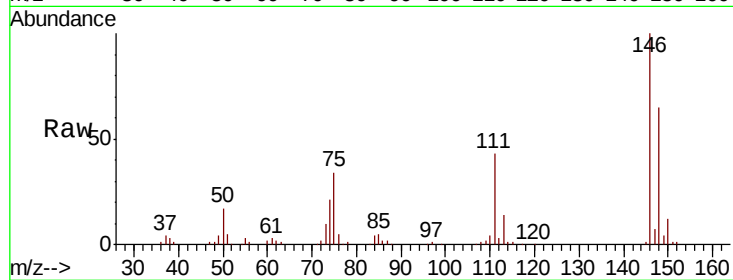
ClientSampleId :

PB124094BS

Tot Ion:	146	Resp:	140959
Ion Ratio	Lower	Upper	
146	100		
148	64.5	49.3	73.9
111	43.5	33.6	50.4

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#14

1,2-Dichlorobenzene

Concen: 34.061 ng

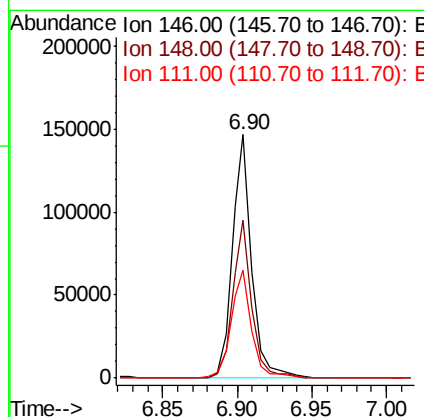
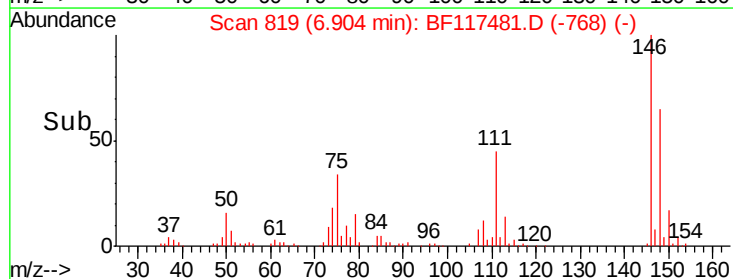
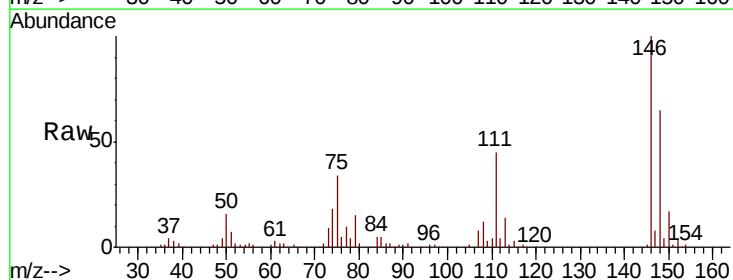
RT: 6.90 min Scan# 819

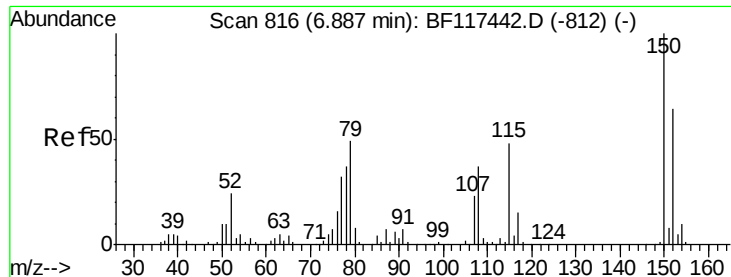
Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	146	Resp:	133447
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.4	77.0
111	44.5	37.7	56.5





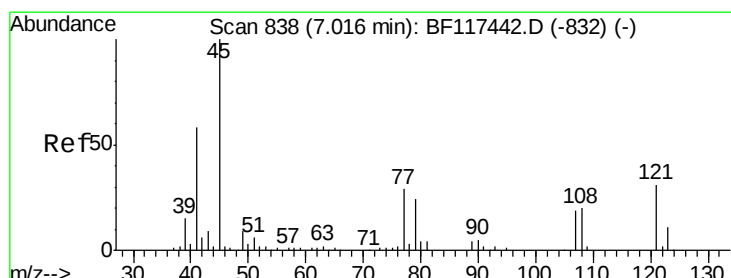
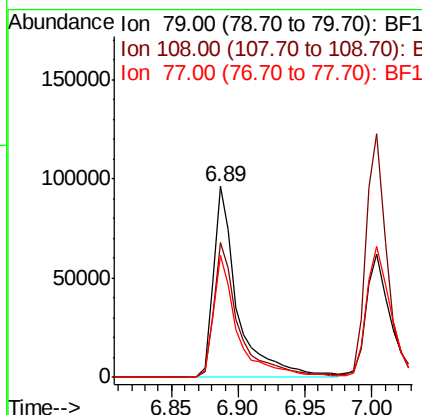
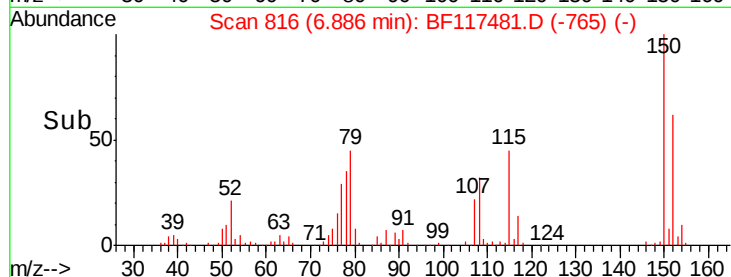
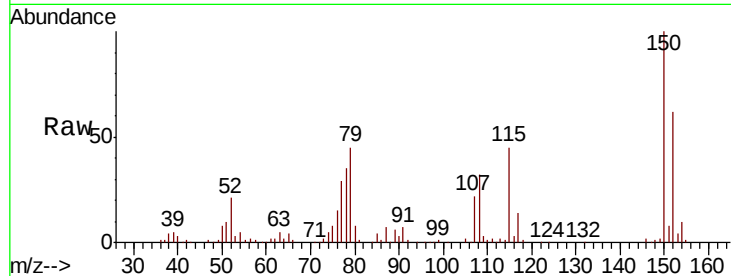
#15
Benzyl Alcohol
Concen: 37.027 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	59.8	89.8
77	63.9	51.4	77.0

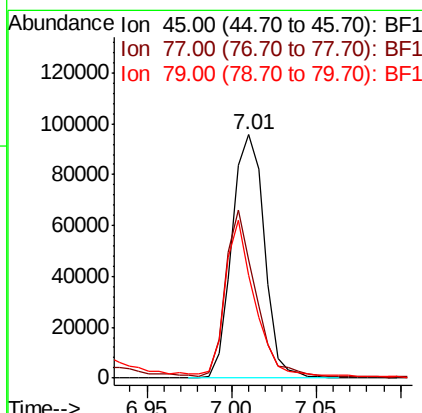
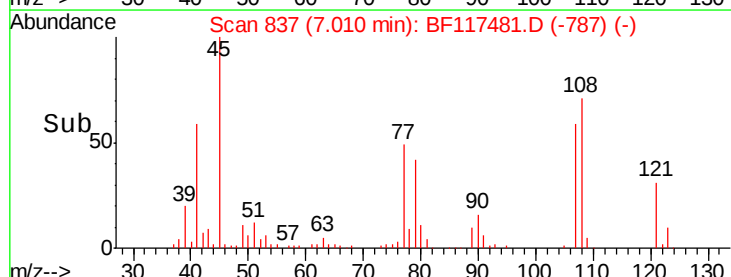
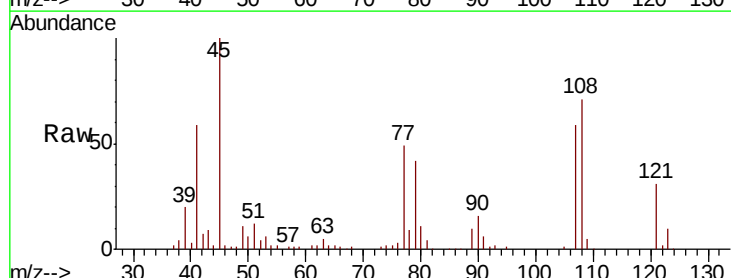
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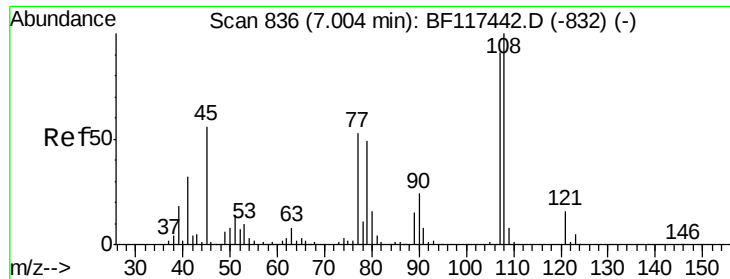
mohammad
10/23/2019 8:06:04 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.570 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	48.8	9.9	49.9
79	42.0	5.5	45.5





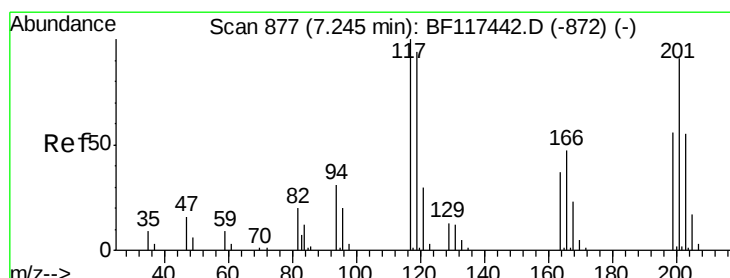
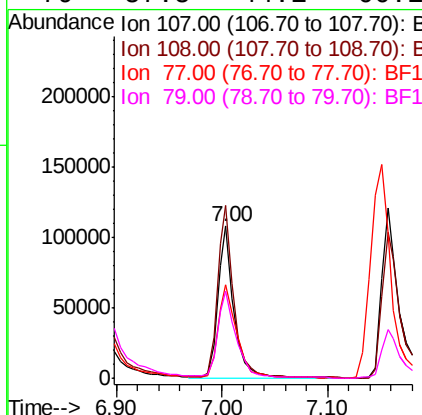
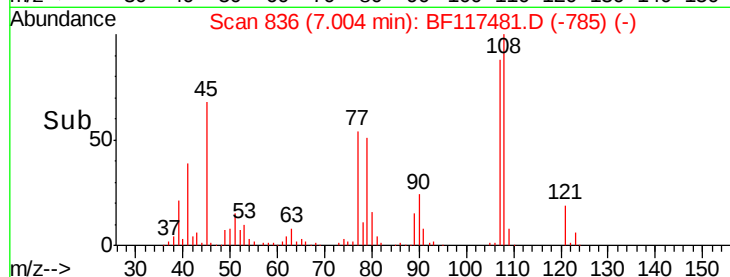
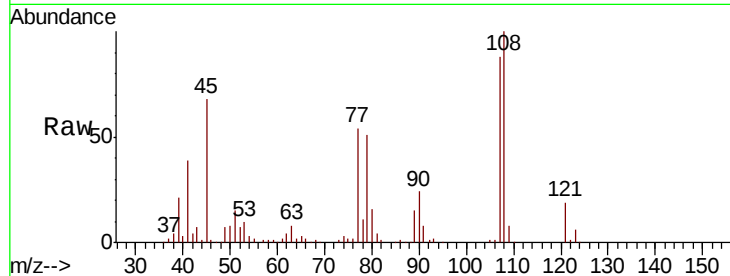
#17
2-Methylphenol
Concen: 38.062 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	88.0	132.0	
77	61.4	47.2	70.8	
79	57.5	44.1	66.1	

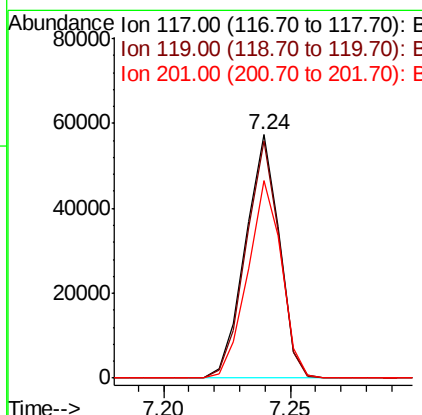
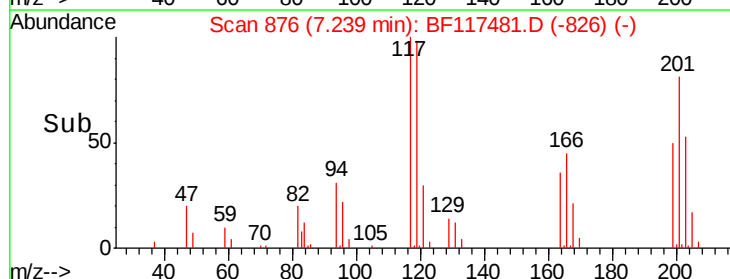
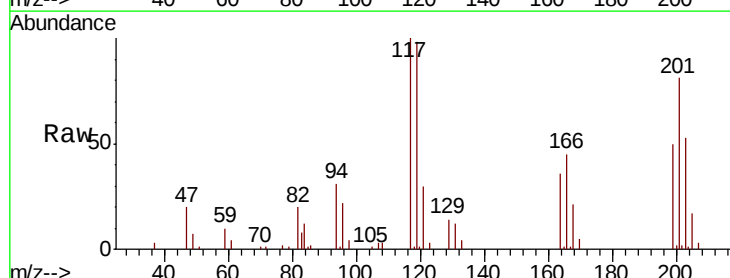
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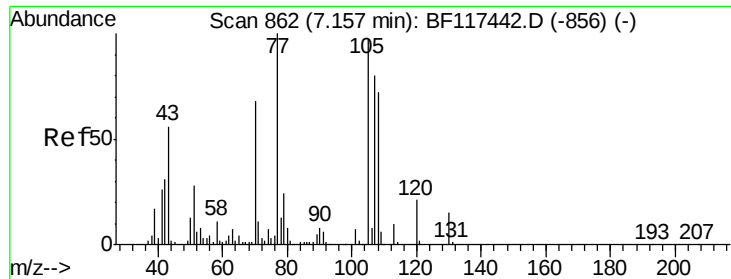
mohammad
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#18
Hexachloroethane
Concen: 33.043 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	75.4	113.0	
201	81.3	72.5	108.7	





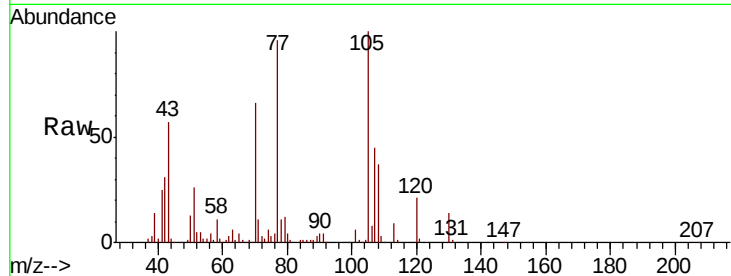
#19
n-Nitroso-di-n-propylamine
Concen: 35.771 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	36.7	55.1
101	9.7	8.3	12.5
130	20.4	18.1	27.1

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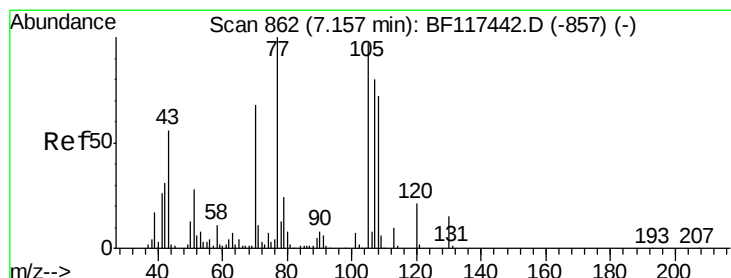
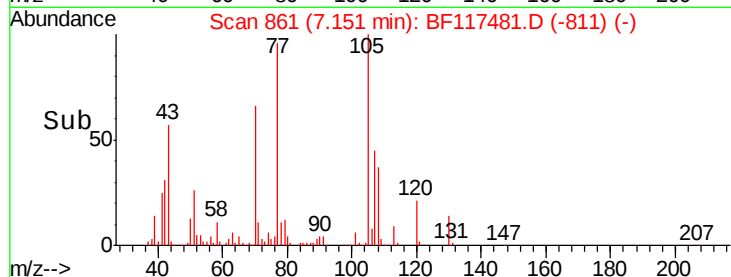
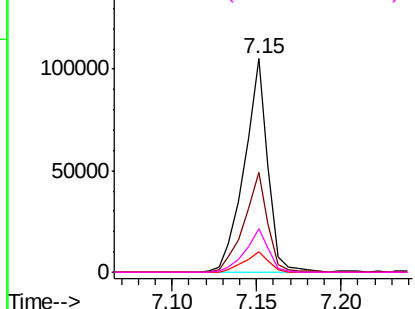
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 38.639 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.3	110.3
77	85.4	104.8	144.8#
79	29.1	10.0	50.0

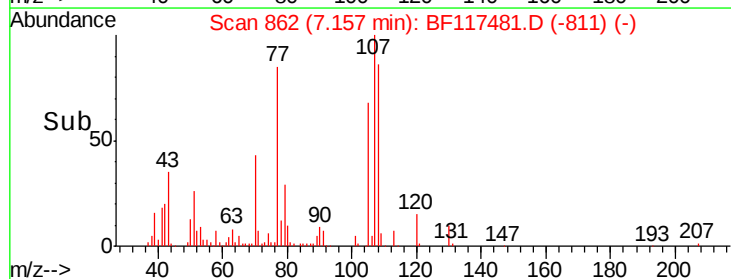
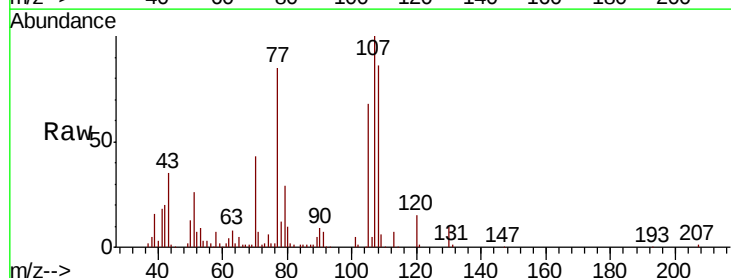
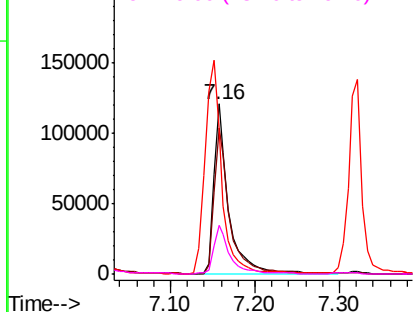
Abundance

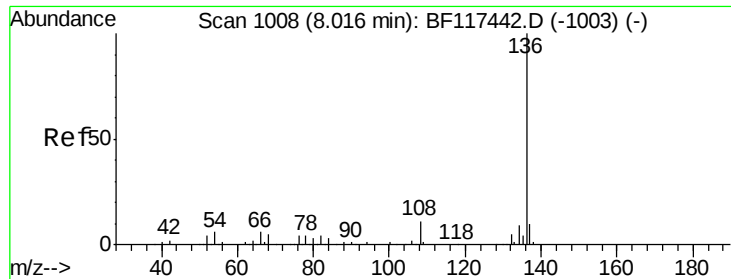
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





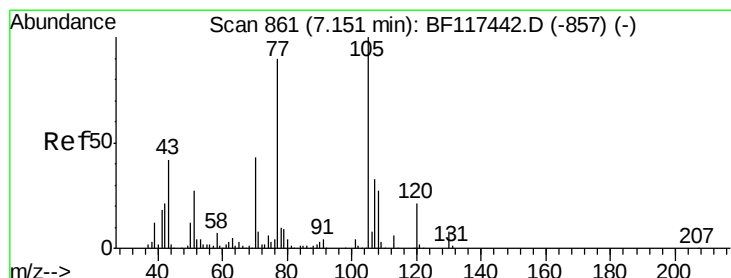
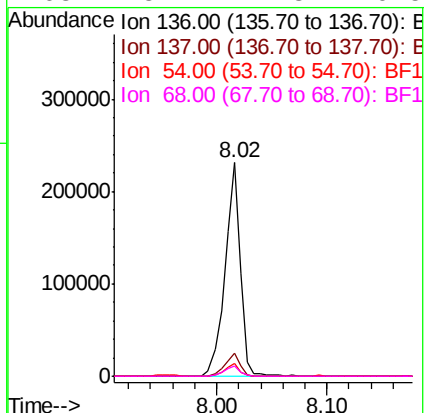
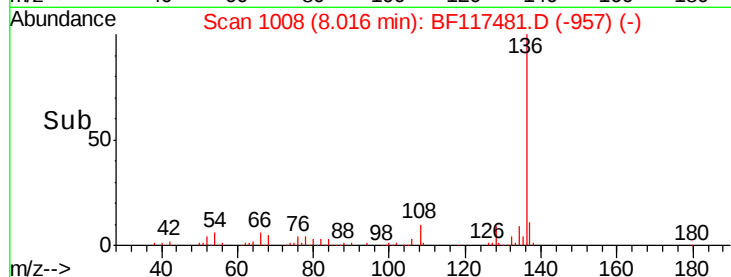
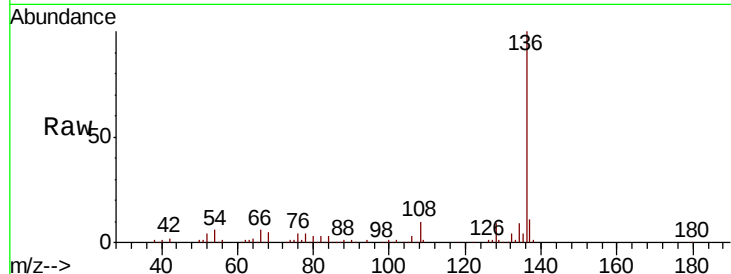
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		223898		
137	10.7		8.2	12.4	
54	6.0		4.5	6.7	
68	5.1		4.3	6.5	

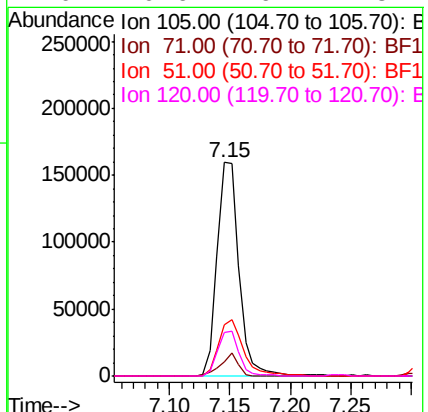
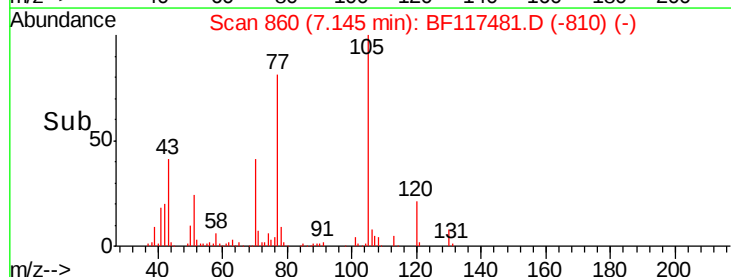
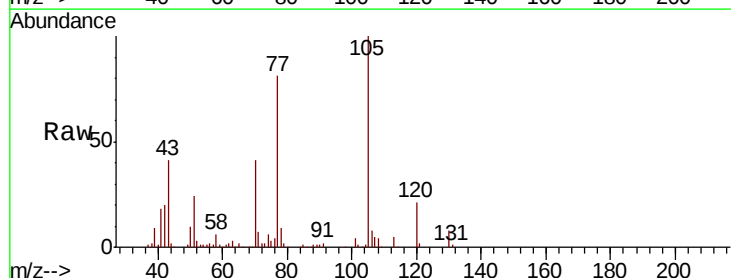
Manual Integrations
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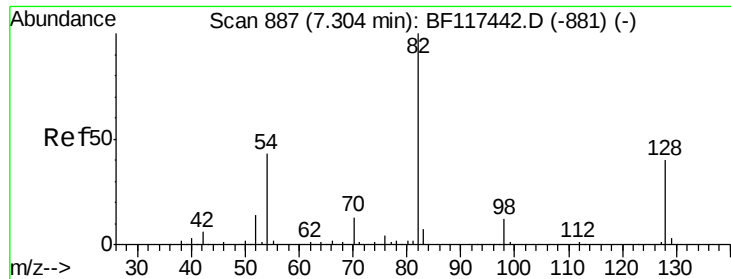
mohammad
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#22
Acetophenone
Concen: 33.392 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		198527		
71	6.6		6.2	9.2	
51	23.9		21.8	32.6	
120	20.6		16.7	25.1	





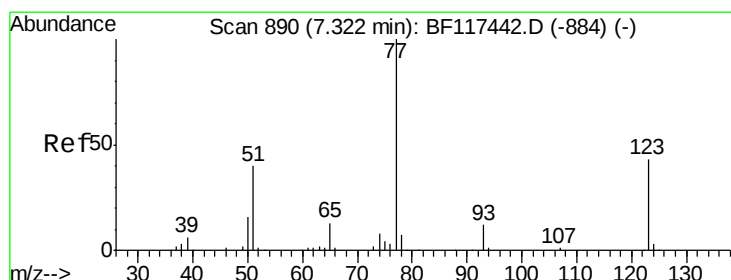
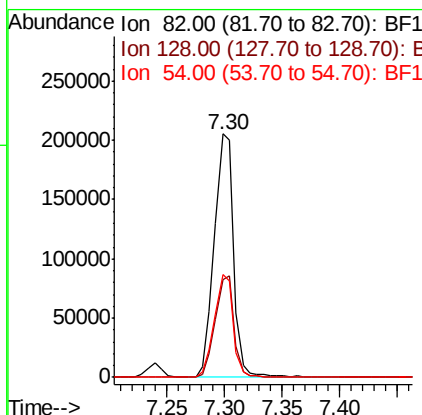
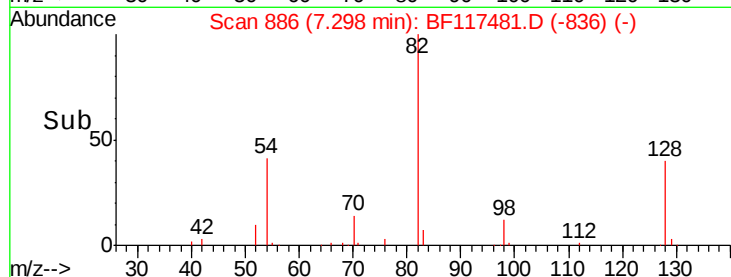
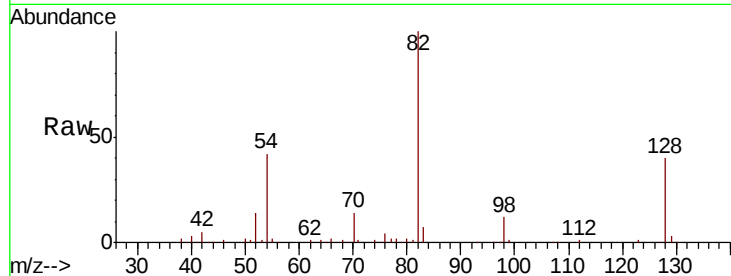
#23
 Nitrobenzene-d5
 Concen: 53.220 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	241368		
128	40.0		32.2	48.2
54	42.3		34.2	51.2

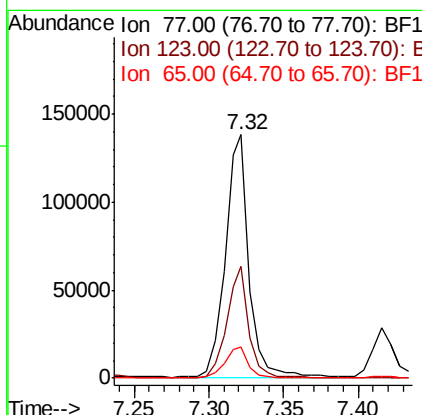
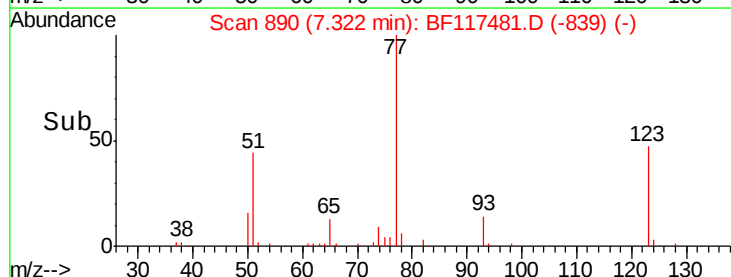
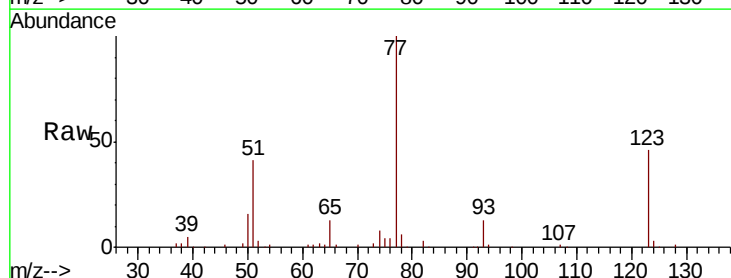
Manual Integrations
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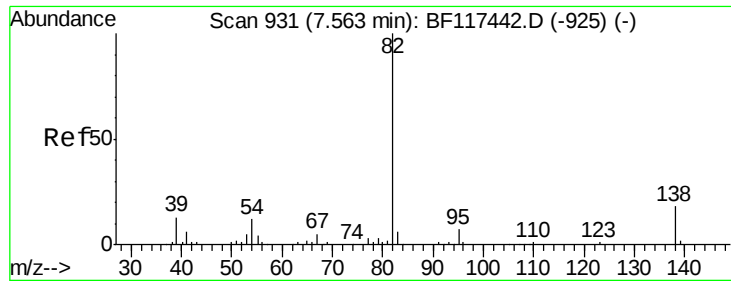
mohammad
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#24
 Nitrobenzene
 Concen: 35.836 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	155667		
123	45.7		34.2	51.2
65	12.6		10.3	15.5





#25

Isophorone

Concen: 35.316 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

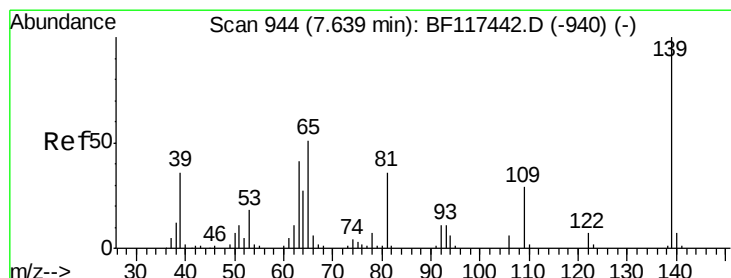
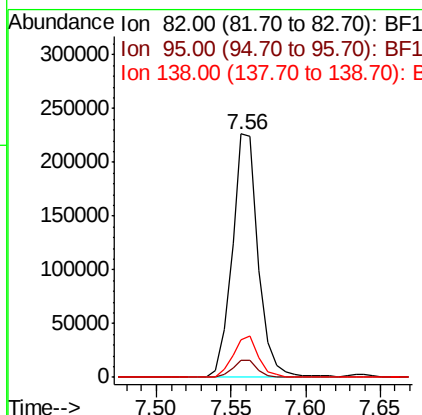
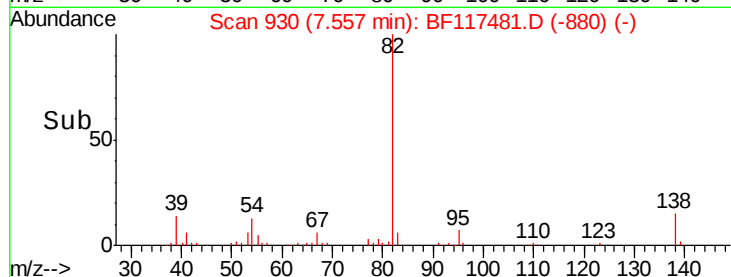
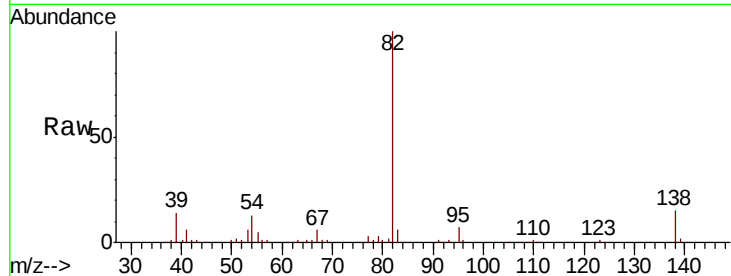
ClientSampleId :

PB124094BS

Tot Ion:	82	Resp:	277080
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	15.3	14.2	21.2

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#26

2-Nitrophenol

Concen: 36.874 ng

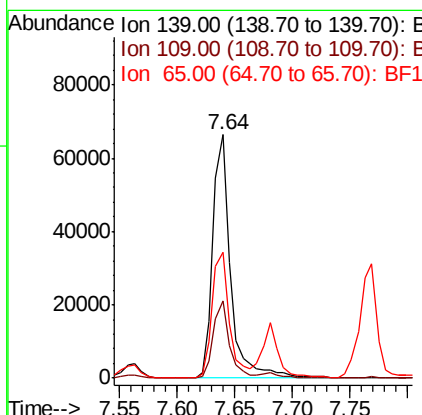
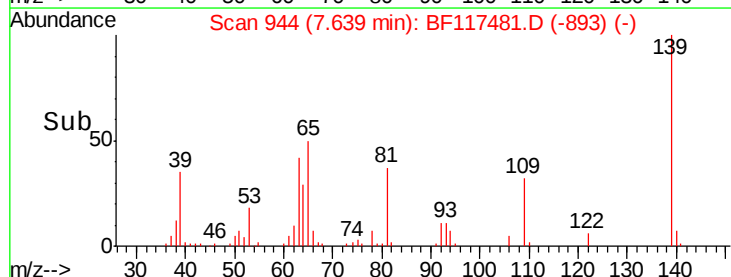
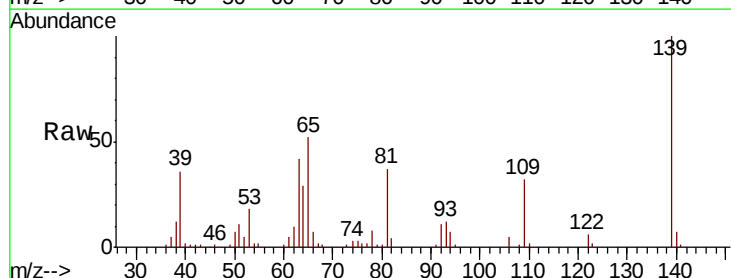
RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	139	Resp:	71440
Ion Ratio	Lower	Upper	
139	100		
109	31.9	23.2	34.8
65	51.5	41.1	61.7





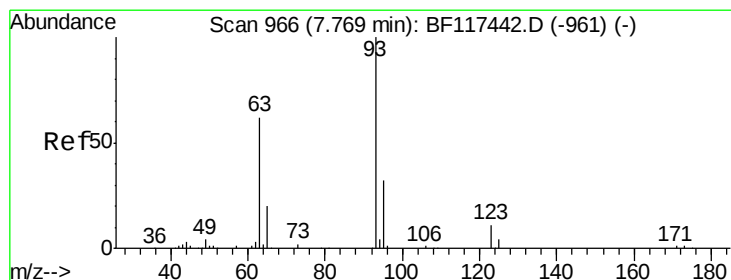
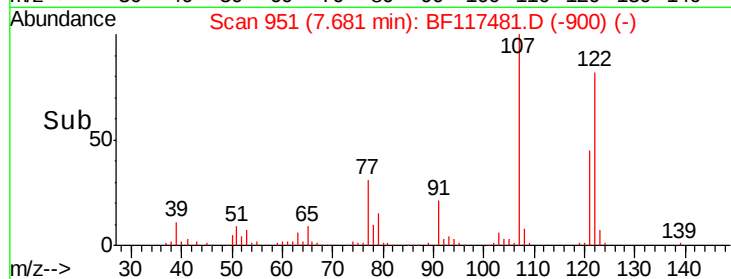
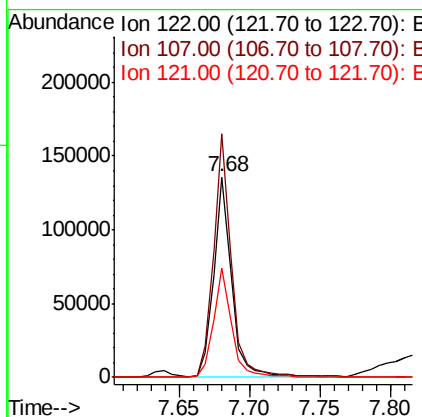
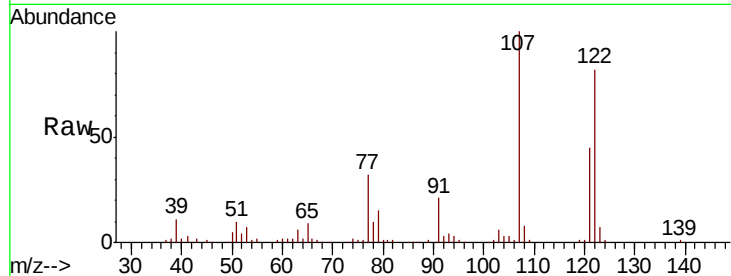
#27
2,4-Dimethylphenol
Concen: 41.179 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	119228		
107	121.7	96.8	145.2	
121	54.4	46.4	69.6	

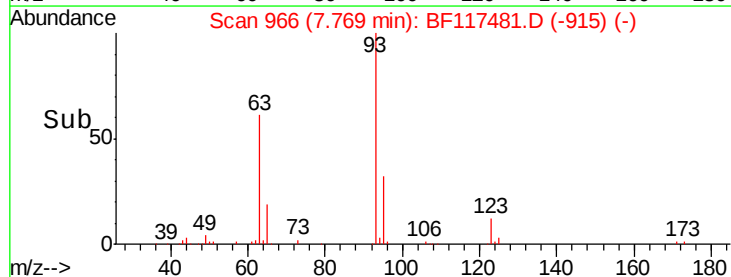
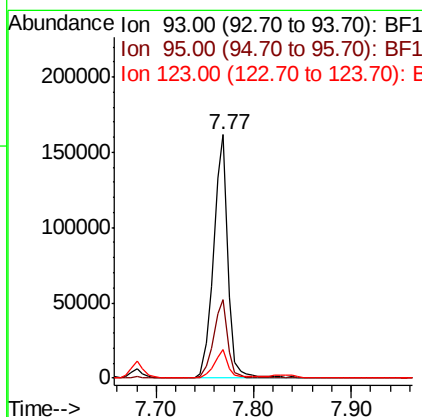
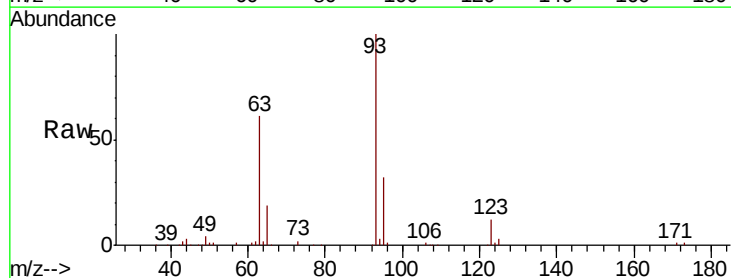
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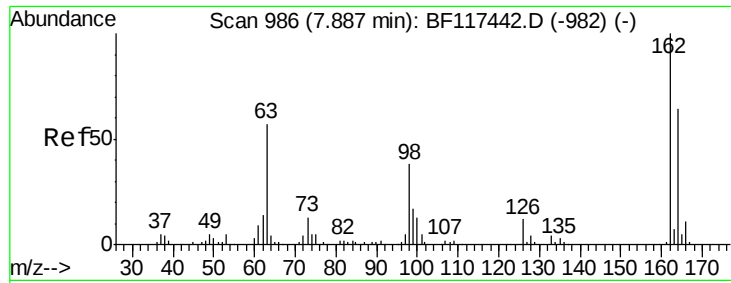
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#28
bis(2-Chloroethoxy)methane
Concen: 33.945 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164333		
95	32.2	25.5	38.3	
123	11.7	9.0	13.6	





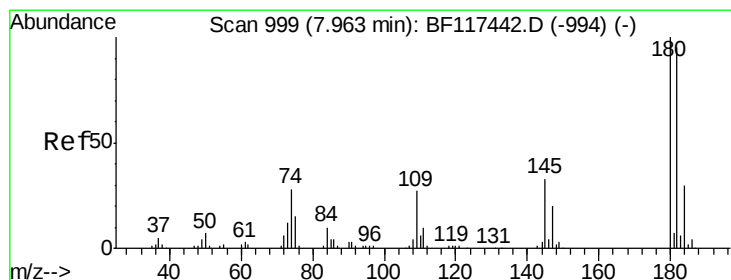
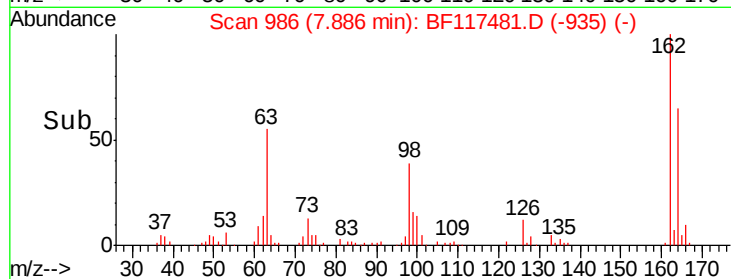
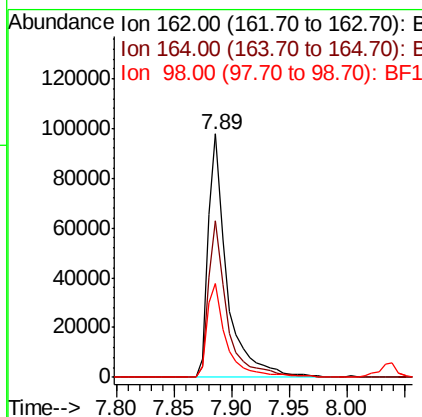
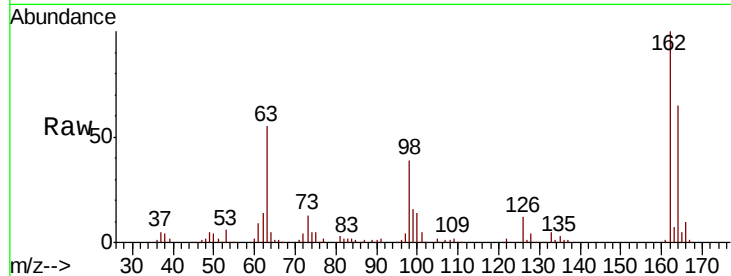
#29
 2,4-Dichlorophenol
 Concen: 36.404 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	110554		
164	64.5	44.4	84.4	
98	38.6	18.2	58.2	

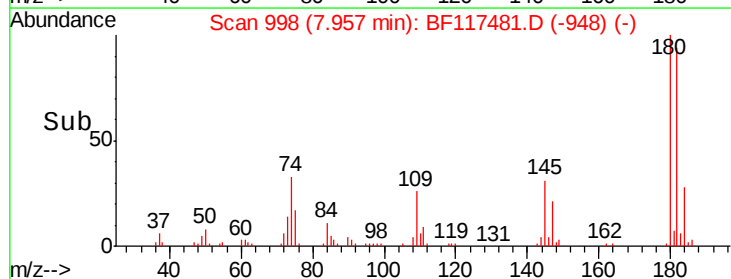
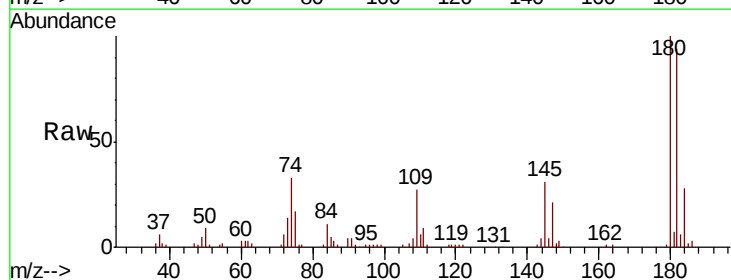
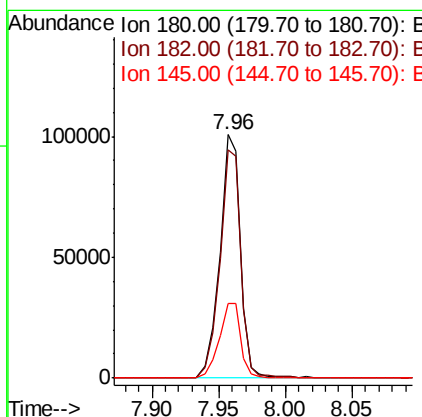
Manual Integrations
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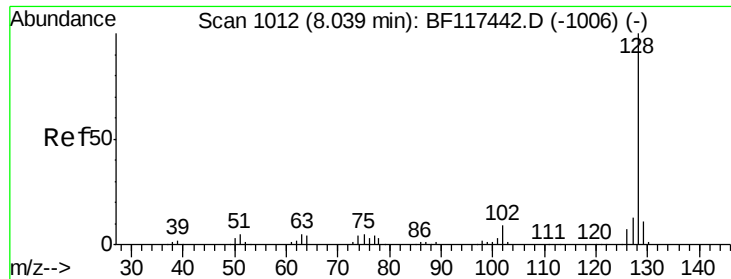
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.728 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	109920		
182	93.5	75.8	113.8	
145	30.9	26.5	39.7	





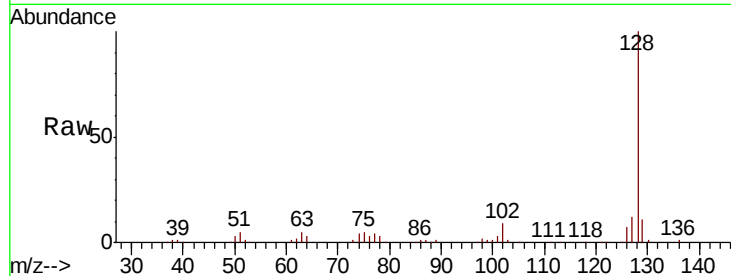
#31
Naphthalene
Concen: 35.287 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.4	10.2	15.2

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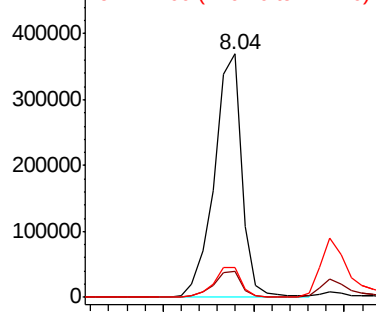


Abundance

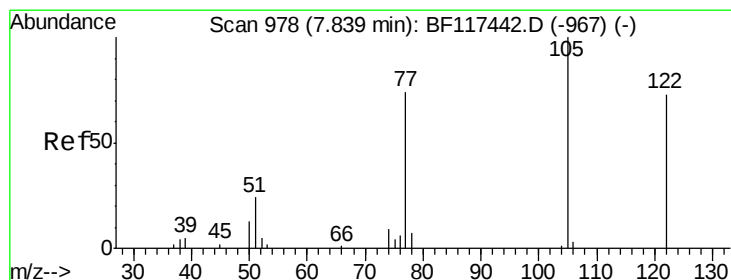
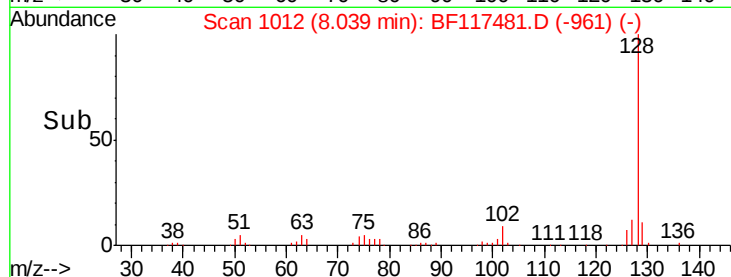
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

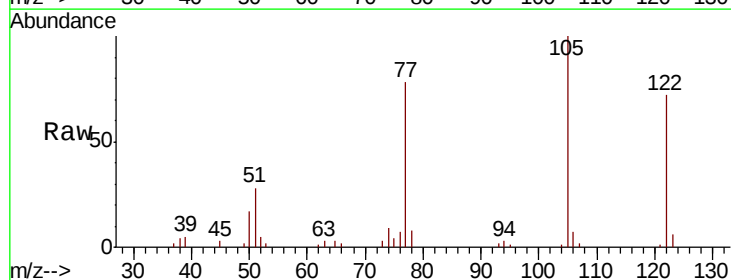


Time-->



#32
Benzoic acid
Concen: 32.825 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	139.3	115.0	155.0
77	108.3	79.7	119.7

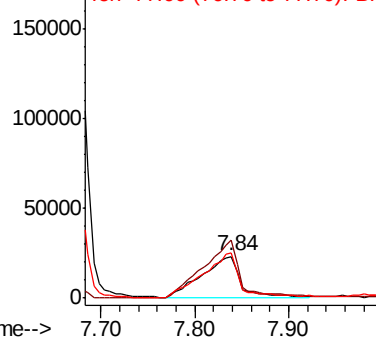


Abundance

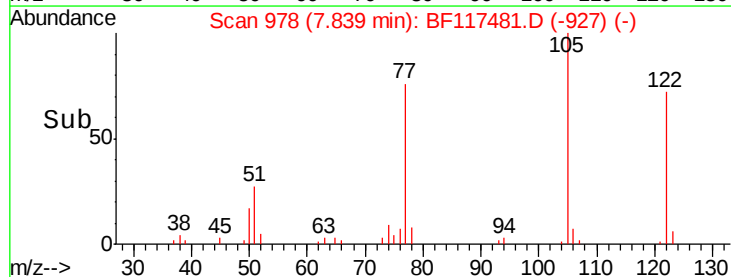
Ion 122.00 (121.70 to 122.70): E

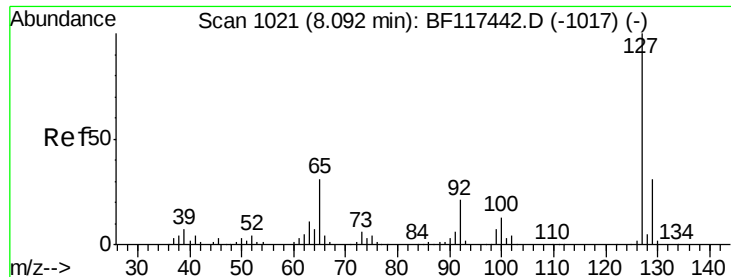
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->





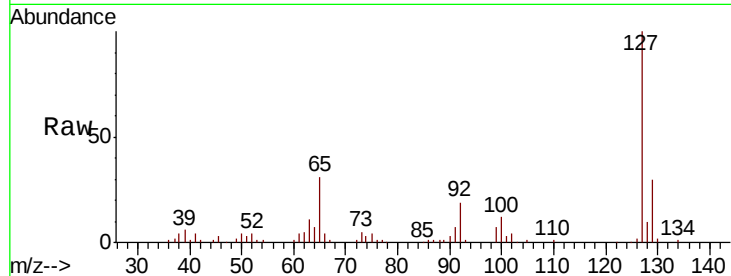
#33
4-Chloroaniline
Concen: 21.684 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :
PB124094BS

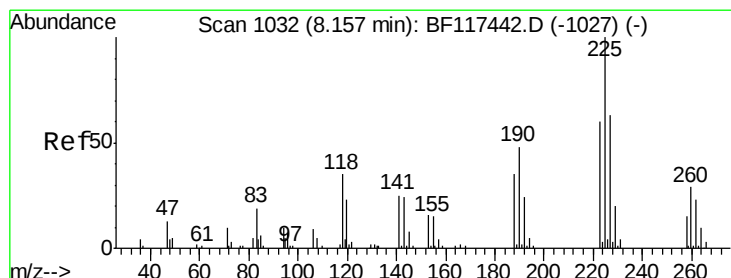
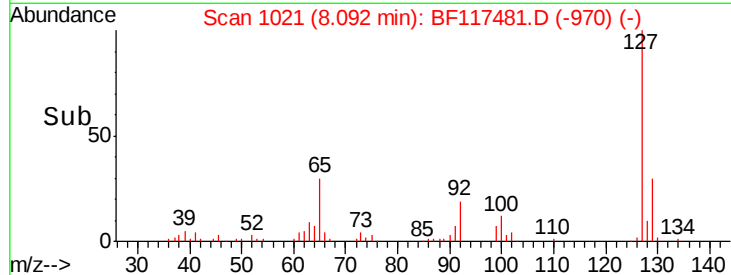
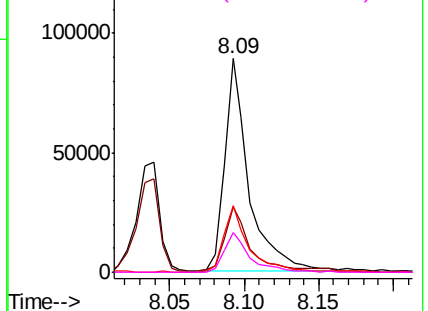
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	24.8	37.2		
65	31.0	24.6	37.0		
92	18.6	16.5	24.7		

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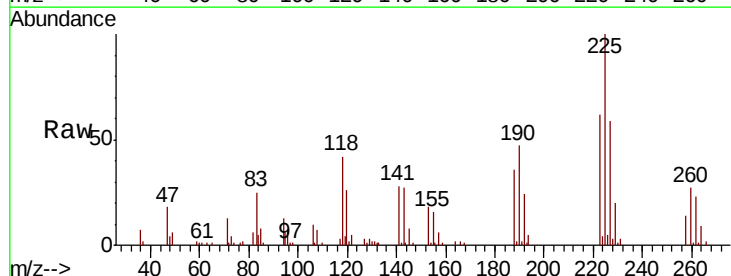


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

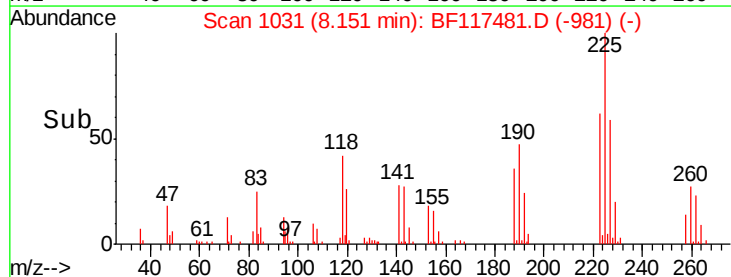
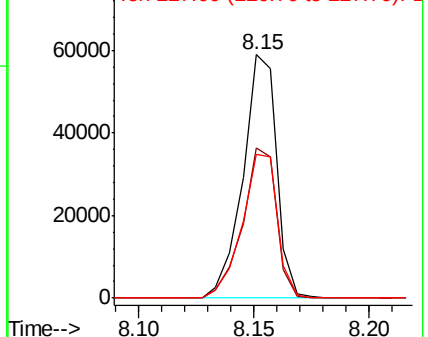


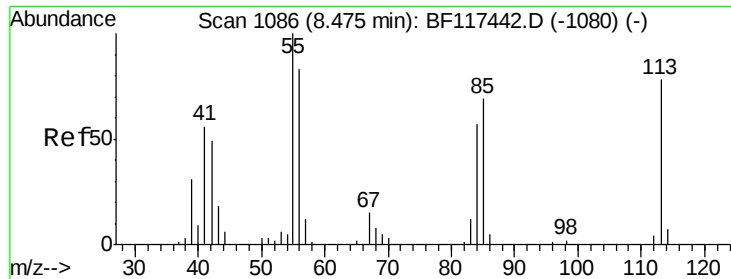
#34
Hexachlorobutadiene
Concen: 31.922 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	48.2	72.4		
227	59.0	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





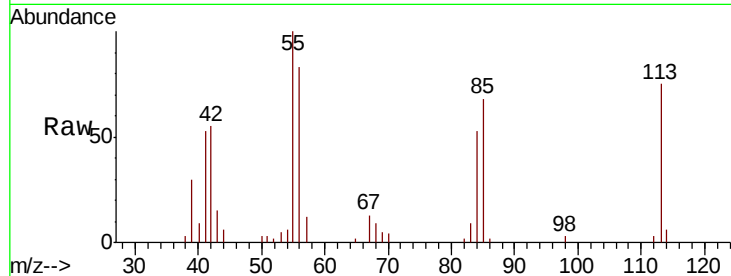
#35
Caprolactam
Concen: 36.426 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleID :
PB124094BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.6	108.8	148.8
56	111.3	87.2	127.2

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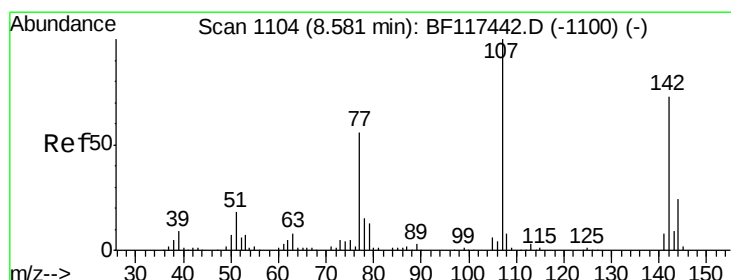
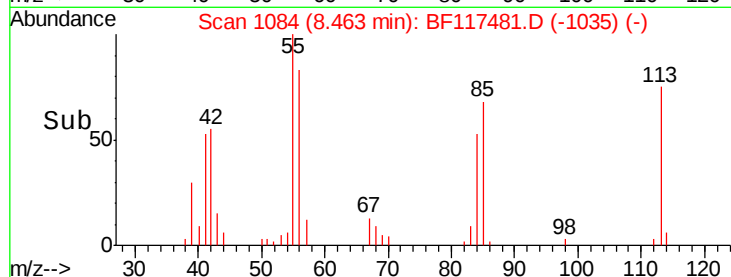
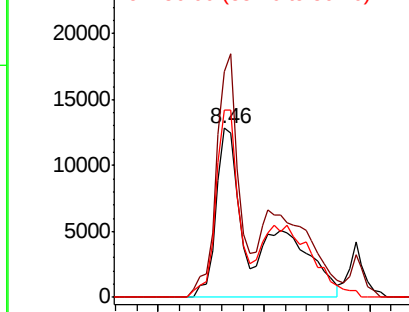


Abundance

Ion 113.00 (112.70 to 113.70): E

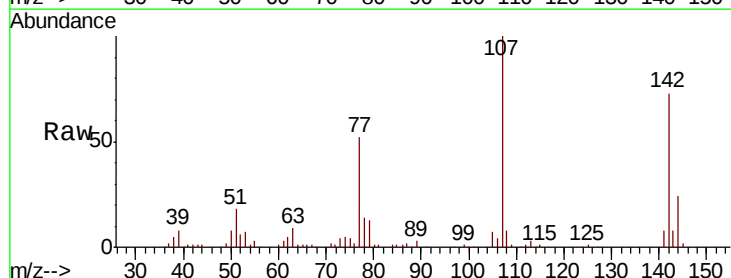
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 36.925 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	18.9	28.3
142	72.7	58.6	88.0

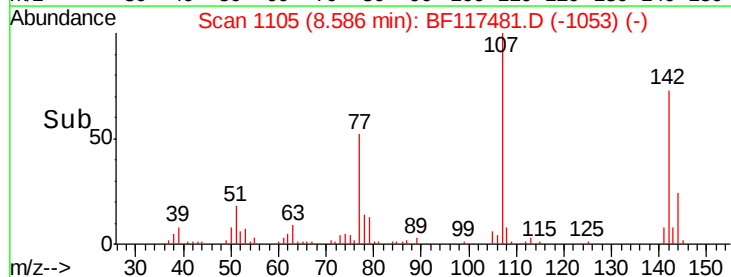
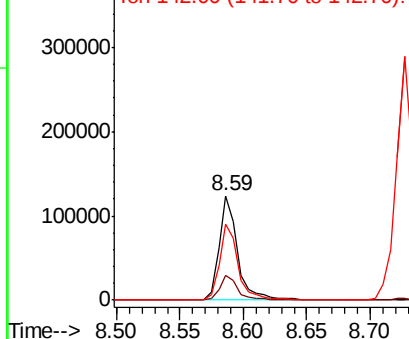


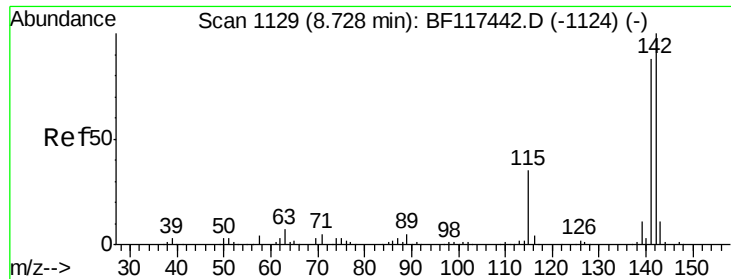
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





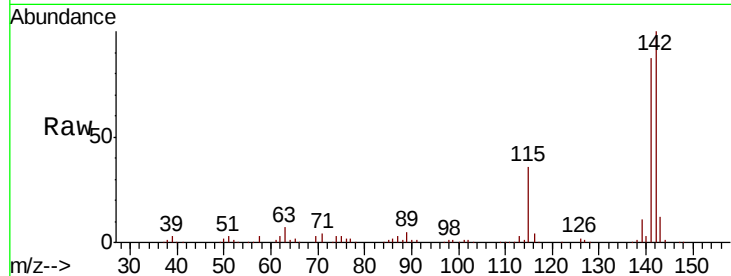
#37
2-Methylnaphthalene
Concen: 35.862 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.3	105.5
115	35.6	28.2	42.2

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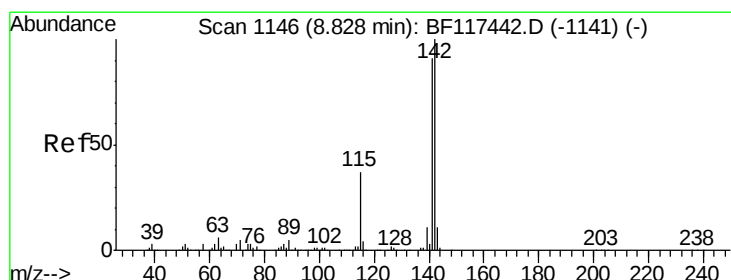
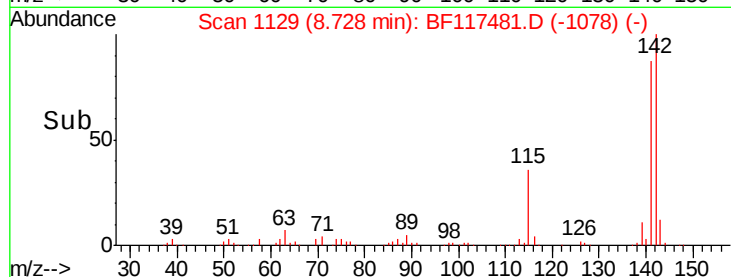
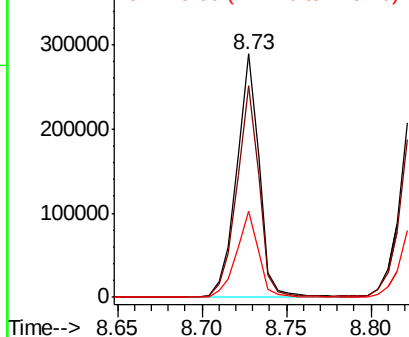


Abundance

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: 35.872 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

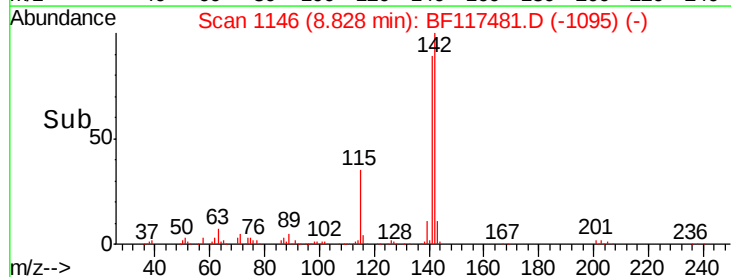
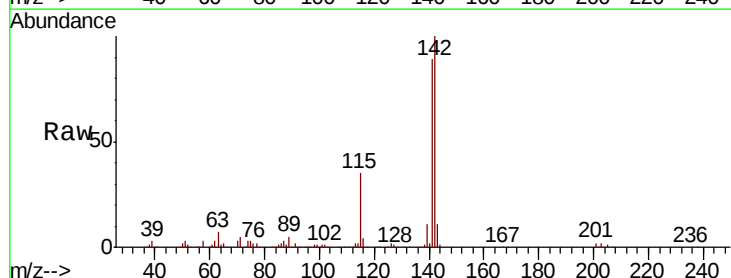
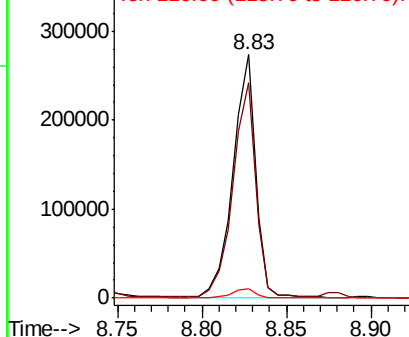
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.3	109.9
116	3.8	3.1	4.7

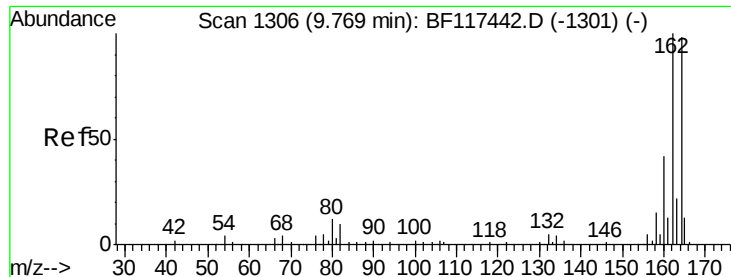
Abundance

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





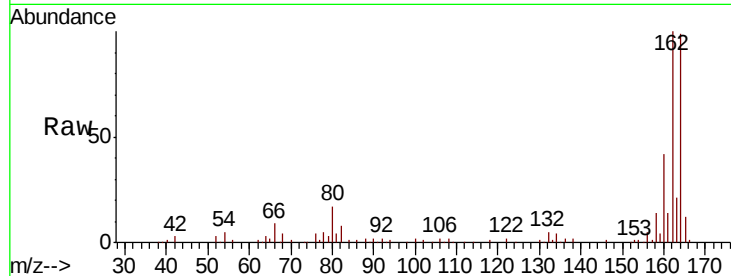
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	42.5	34.4	51.6

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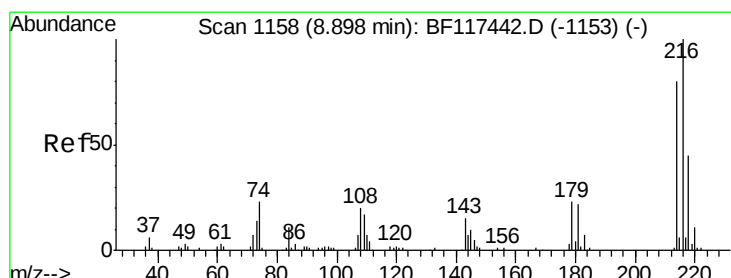
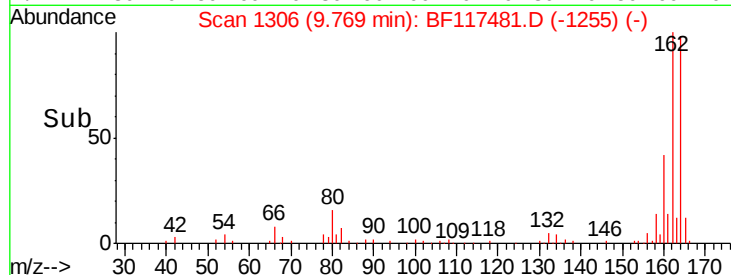
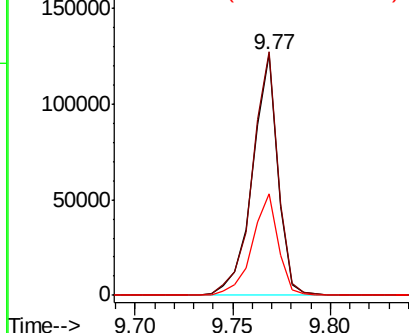


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.217 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	23.6	18.1	27.1
108	22.9	16.6	24.8

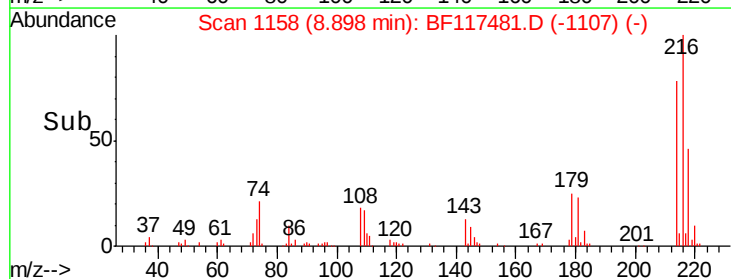
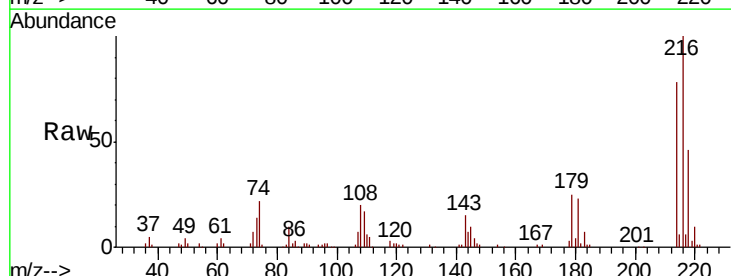
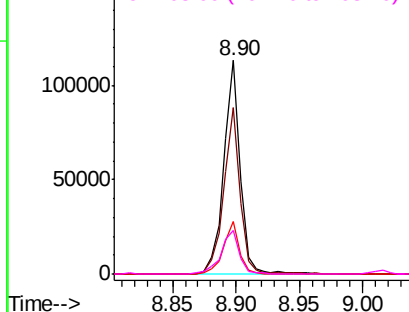
Abundance

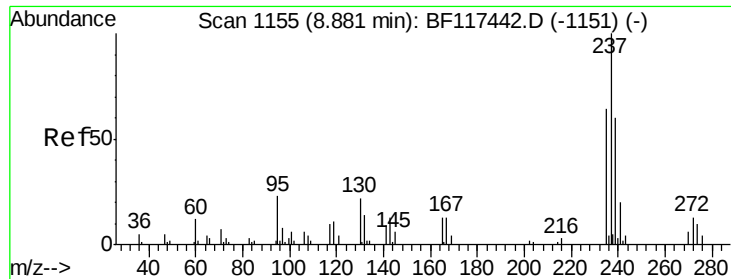
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.432 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

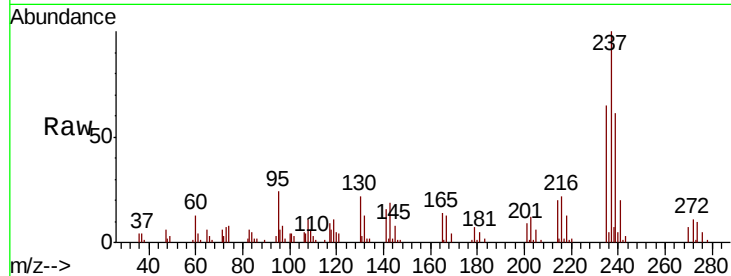
ClientSampleId :

PB124094BS

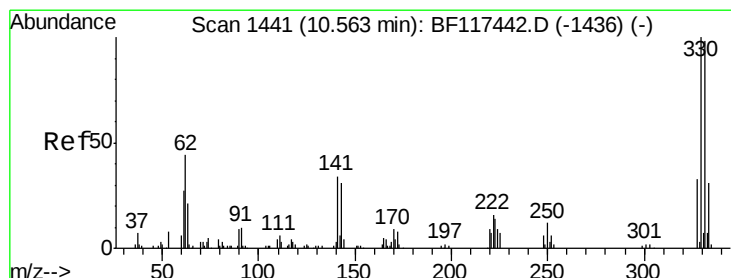
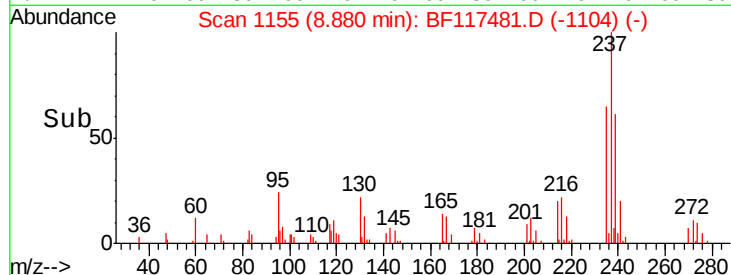
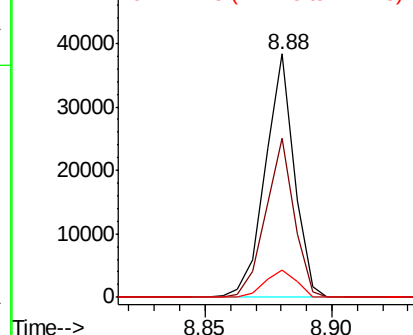
Tot Ion:	237	Resp:	30498
Ion Ratio	Lower	Upper	
237	100		
235	65.5	44.3	84.3
272	11.1	0.0	33.2

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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: 93.307 ng

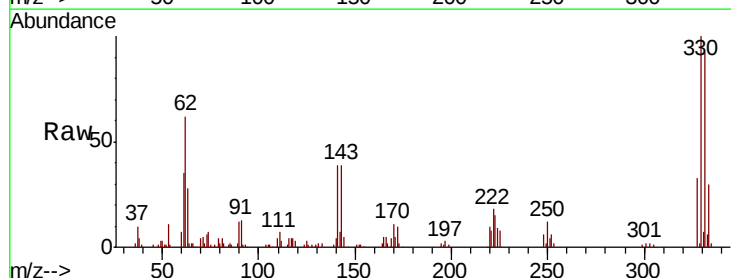
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

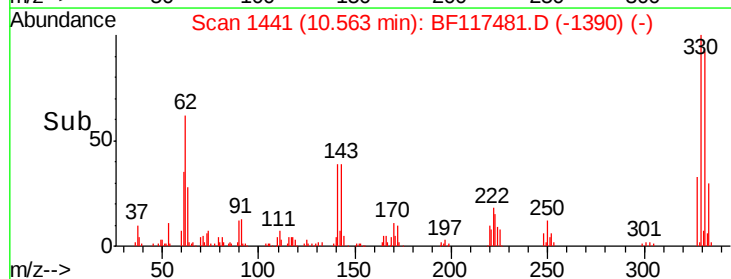
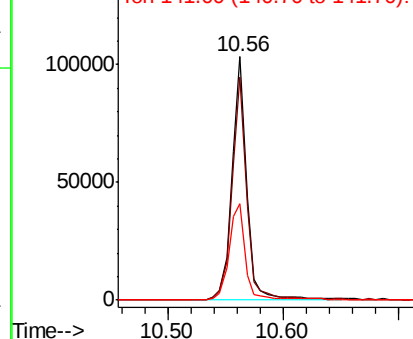
Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	330	Resp:	91563
Ion Ratio	Lower	Upper	
330	100		
332	92.4	78.5	117.7
141	43.4	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





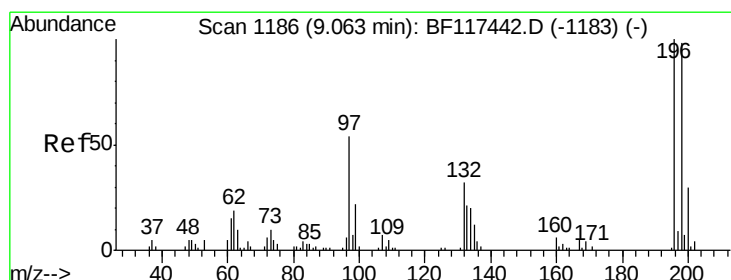
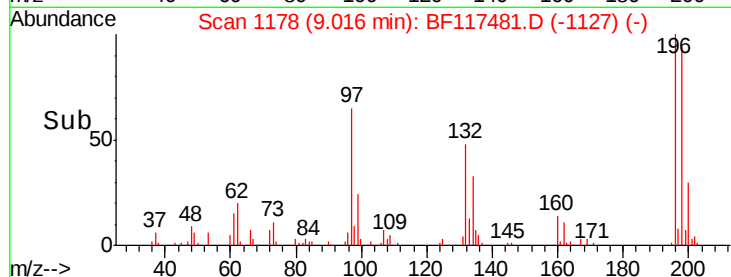
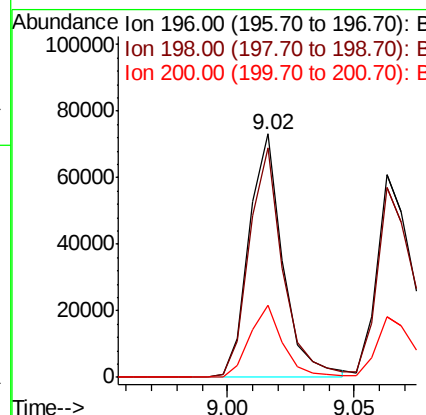
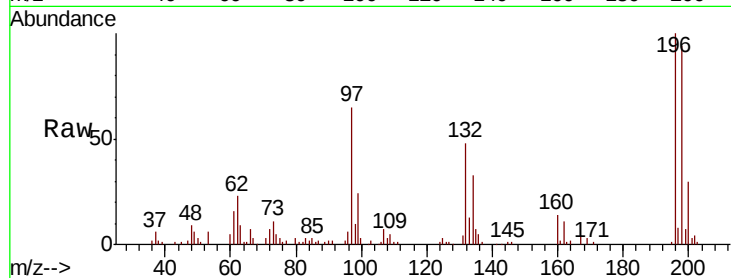
#43
 2,4,6-Trichlorophenol
 Concen: 35.663 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleID :
 PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	68221		
198	94.4	74.1	111.1	
200	29.8	23.9	35.9	

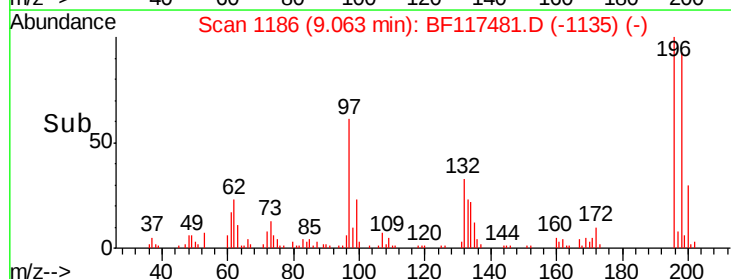
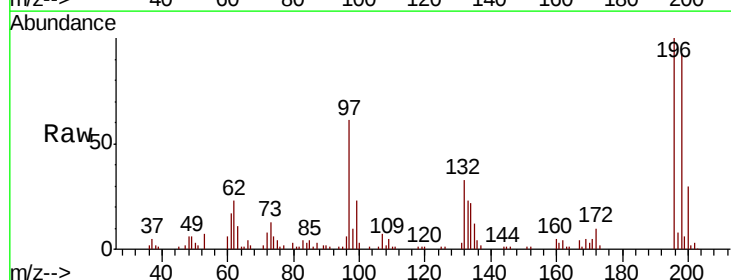
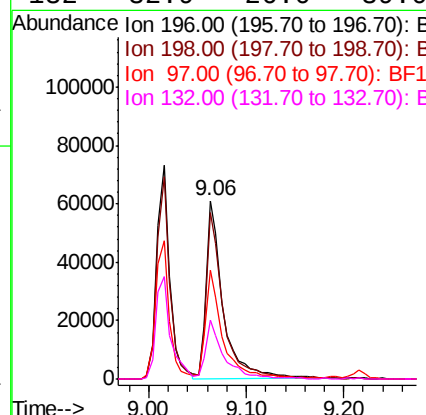
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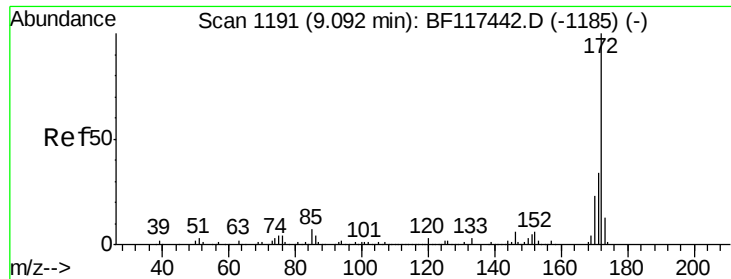
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.787 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73247		
198	93.4	78.6	117.8	
97	61.2	43.4	65.2	
132	32.9	26.0	39.0	





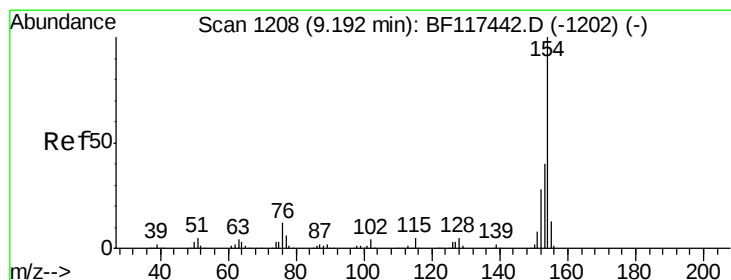
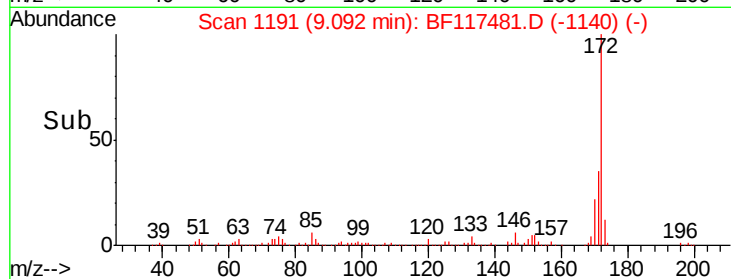
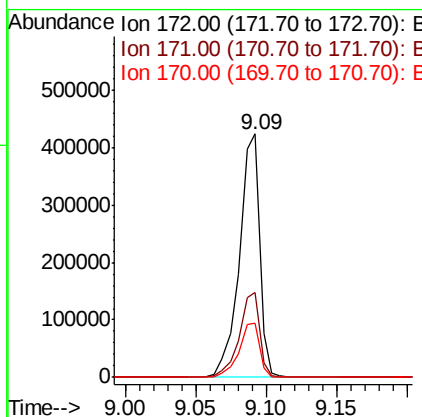
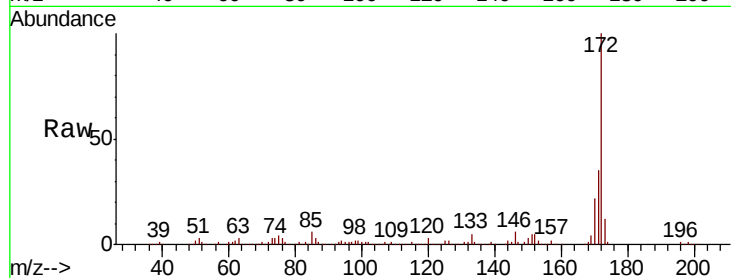
#45
2-Fluorobiphenyl
Concen: 53.042 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.5	41.3
170	22.4	18.6	27.8

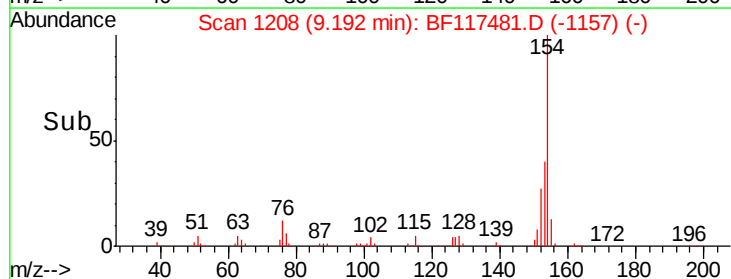
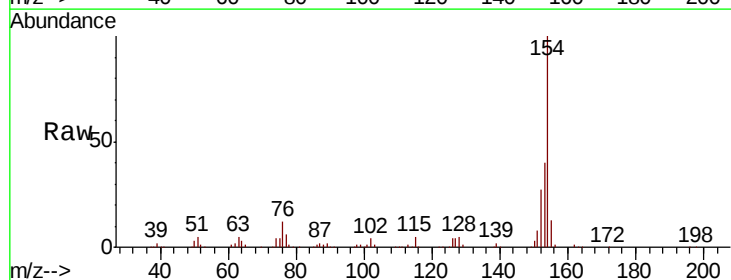
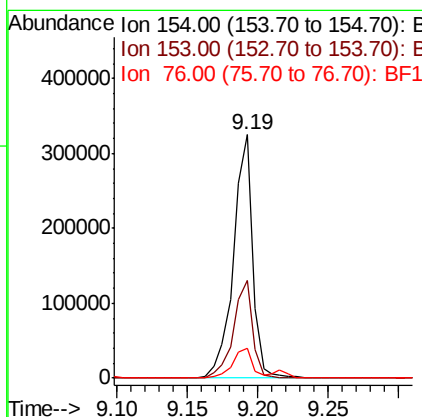
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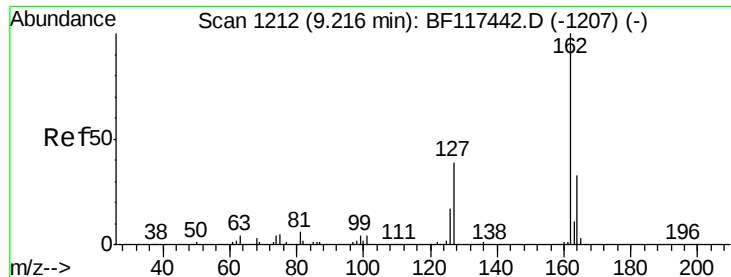
mohammad
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#46
1,1'-Biphenyl
Concen: 32.832 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	12.2	0.0	32.1





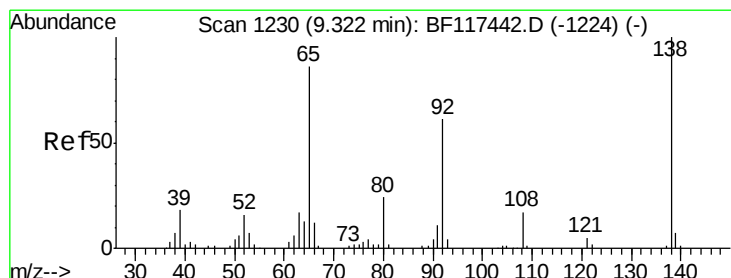
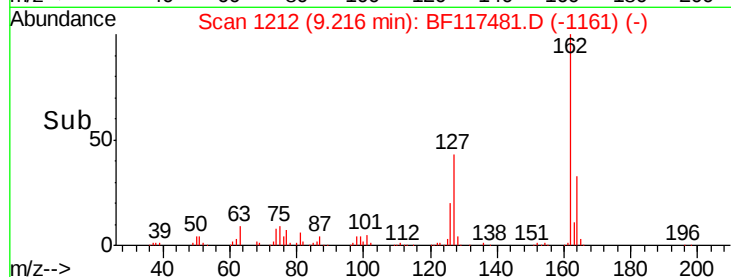
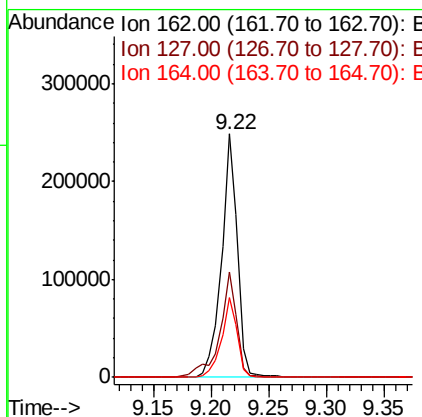
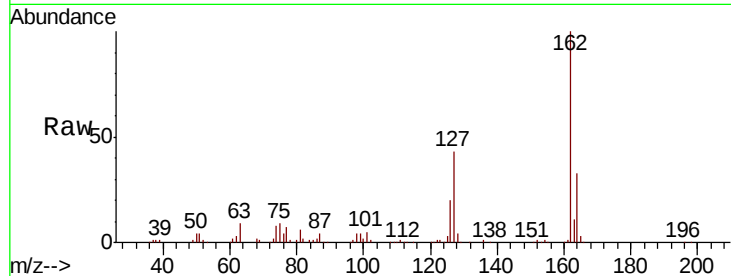
#47
2-Chloronaphthalene
Concen: 33.497 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.3	34.2	51.4	
164	32.6	26.4	39.6	

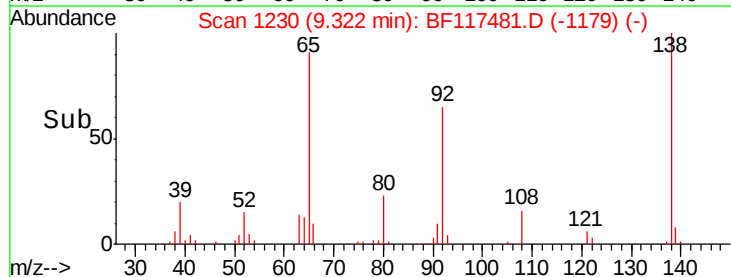
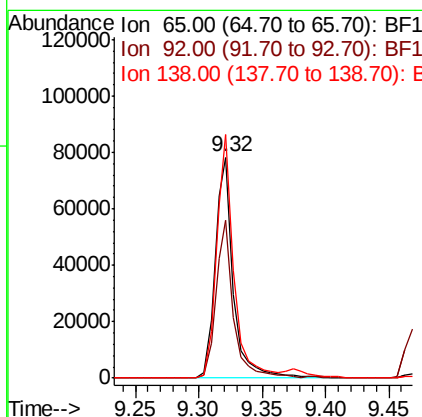
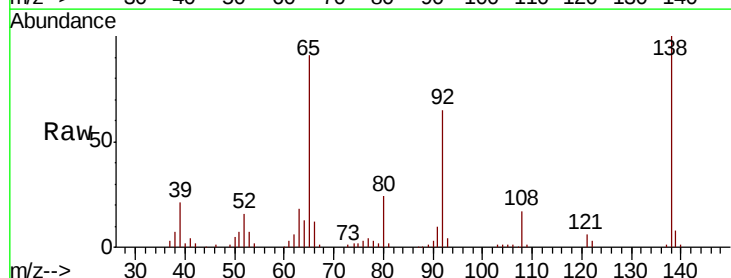
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#48
2-Nitroaniline
Concen: 34.060 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.6	57.3	85.9	
138	110.1	93.3	139.9	





#49

Acenaphthylene

Concen: 35.328 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

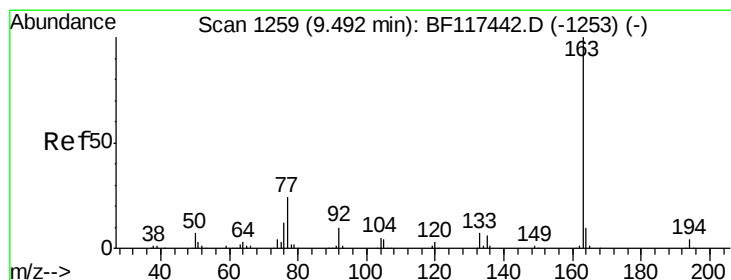
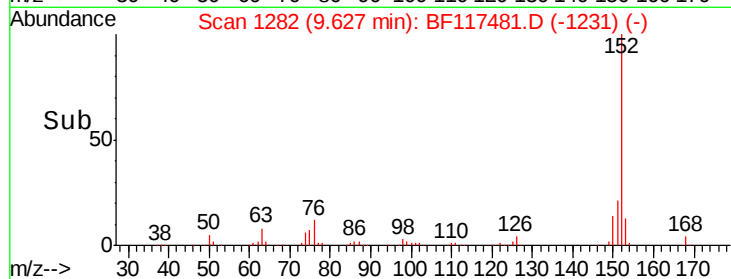
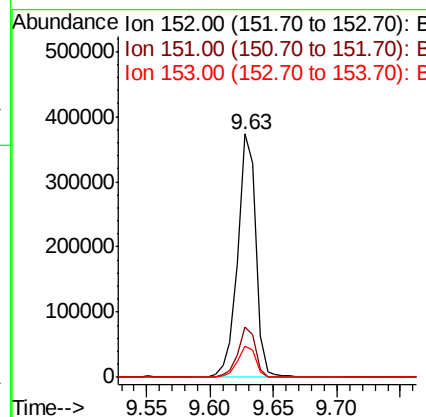
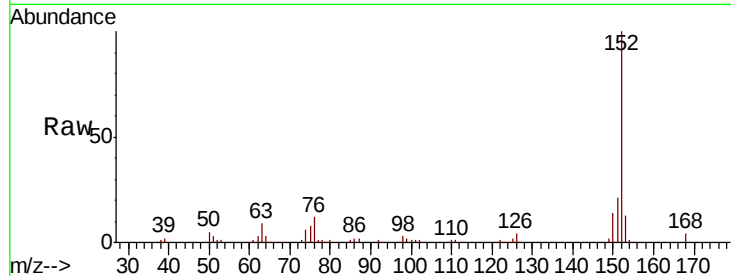
ClientSampleId :

PB124094BS

Tot Ion:	152	Resp:	367342
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.4	23.0
153	13.0	10.3	15.5

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#50

Dimethylphthalate

Concen: 33.654 ng

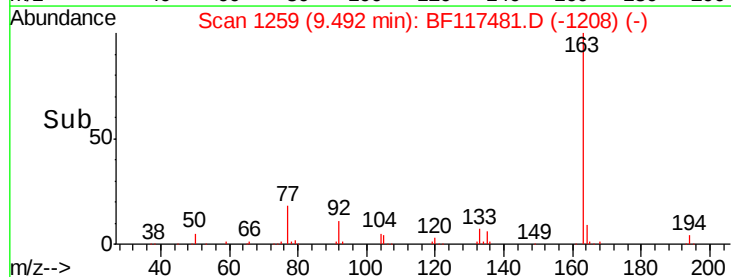
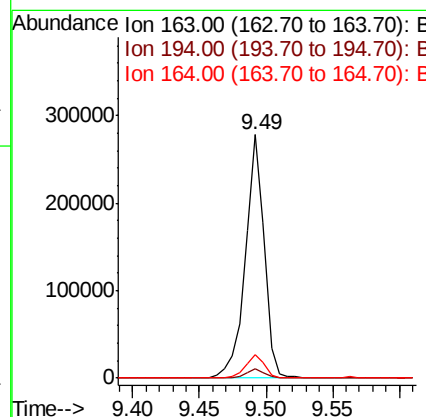
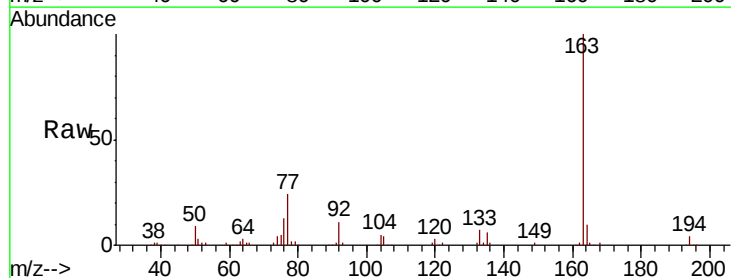
RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	163	Resp:	272096
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.8	8.2	12.2





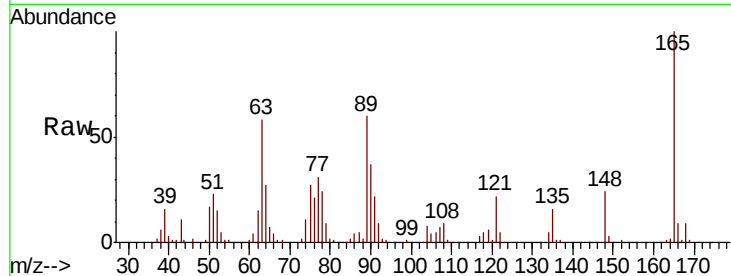
#51
2,6-Dinitrotoluene
Concen: 35.850 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

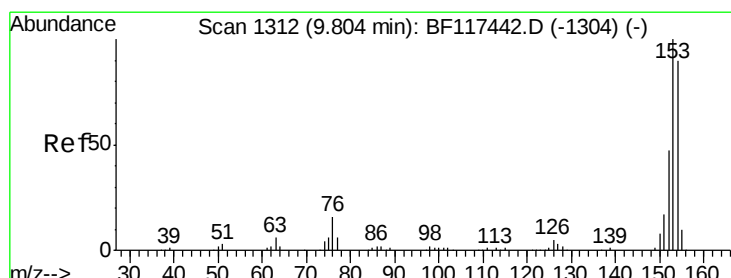
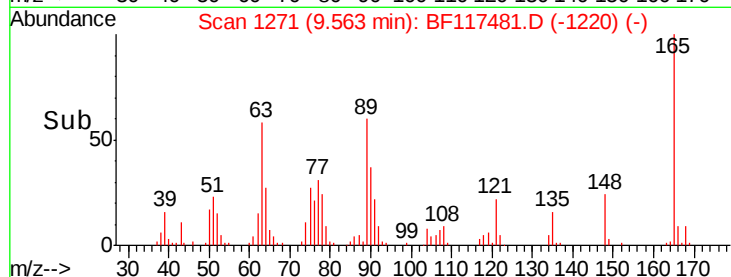
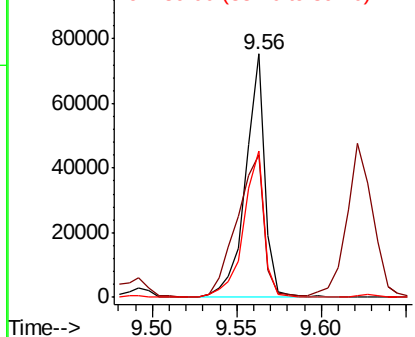
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	43.8	65.8
89	60.4	47.6	71.4

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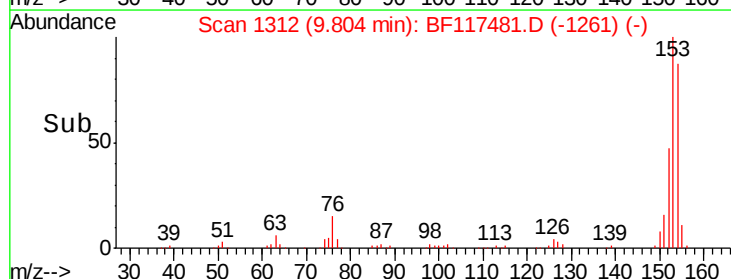
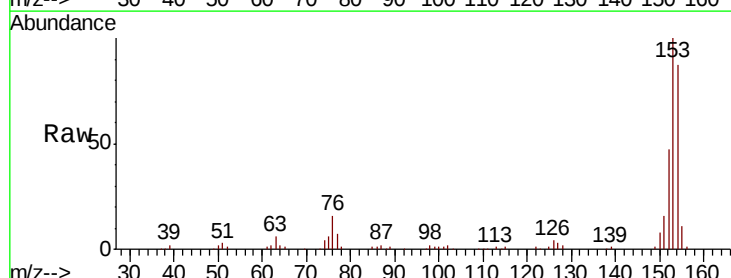
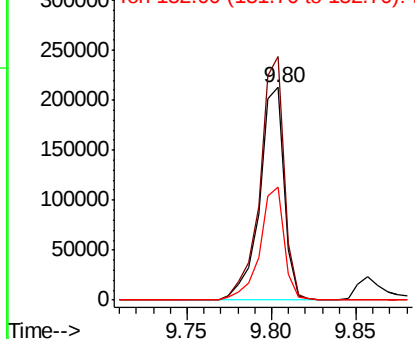
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

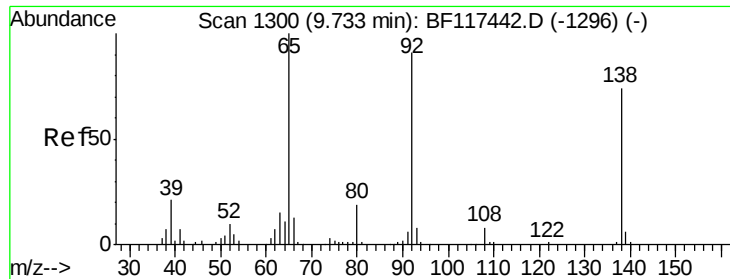


#52
Acenaphthene
Concen: 33.961 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	53.3	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





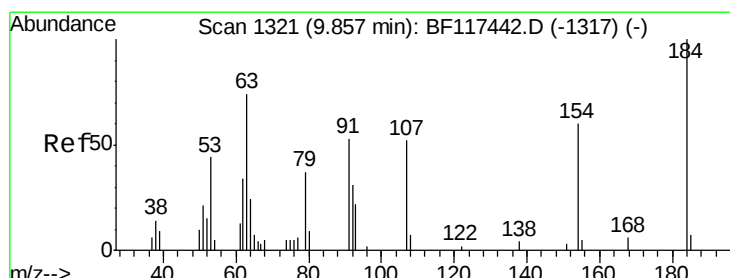
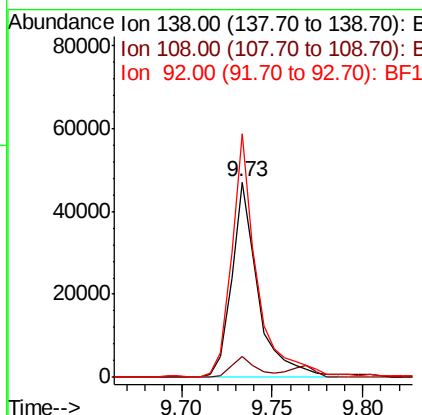
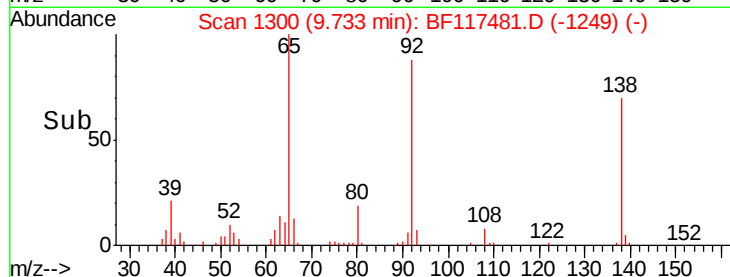
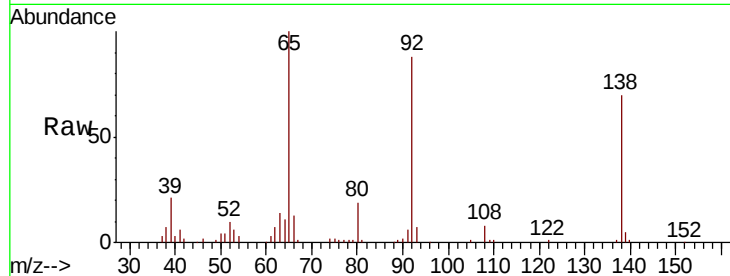
#53
3-Nitroaniline
Concen: 23.349 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	124.8	98.4	147.6

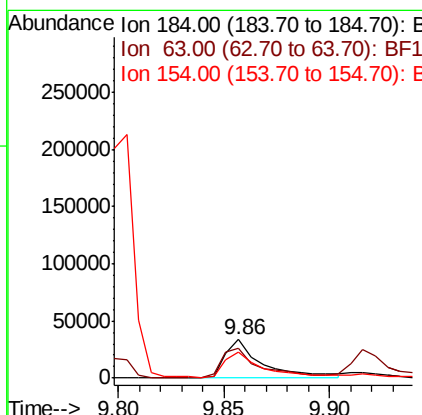
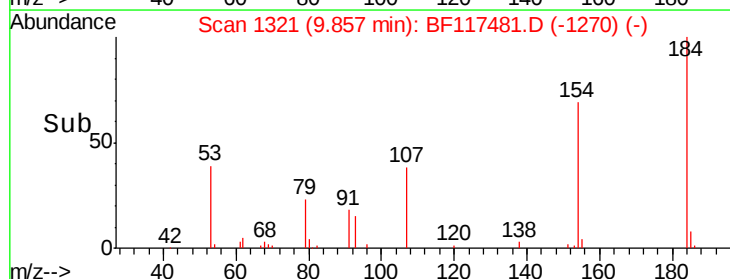
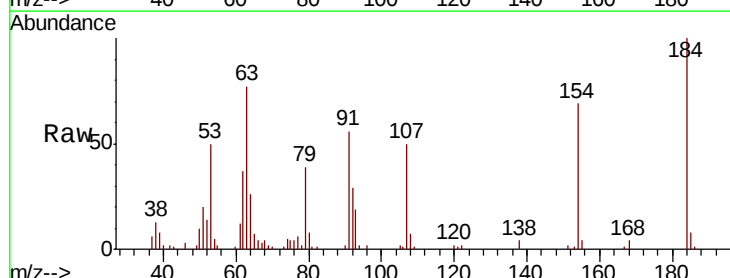
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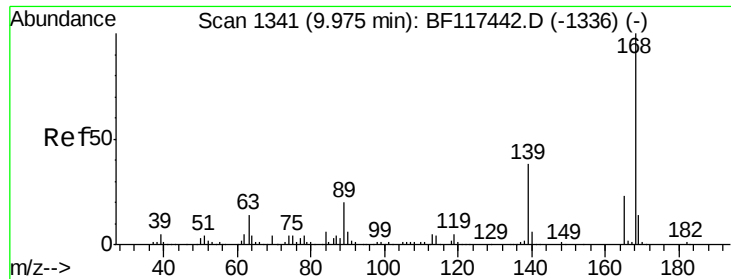
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#54
2,4-Dinitrophenol
Concen: 61.051 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.7	59.2	88.8
154	68.7	53.4	80.0





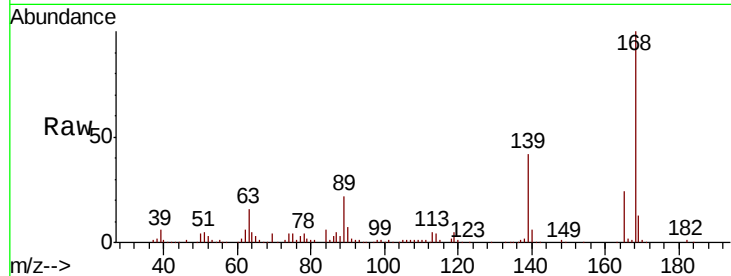
#55
Dibenzofuran
Concen: 34.812 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	31.8	47.6
169	13.5	11.2	16.8

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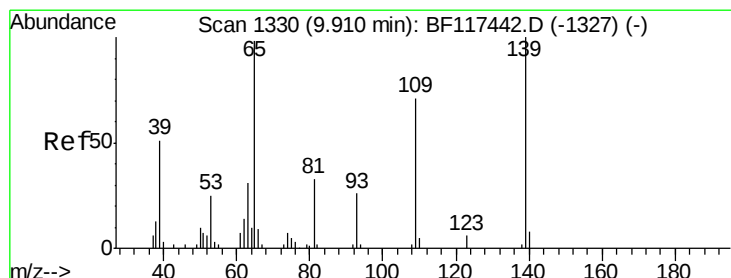
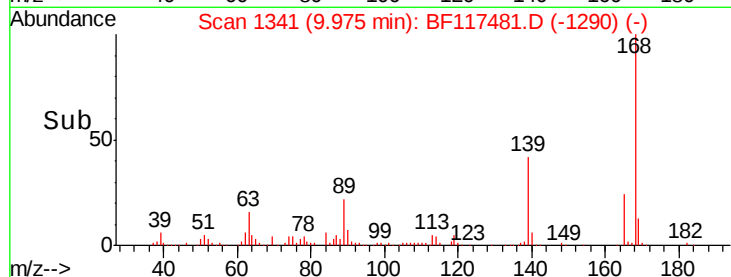
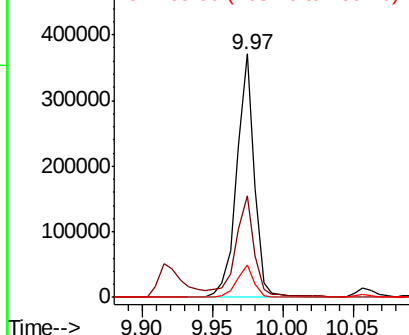


Abundance

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



#56
4-Nitrophenol
Concen: 67.328 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

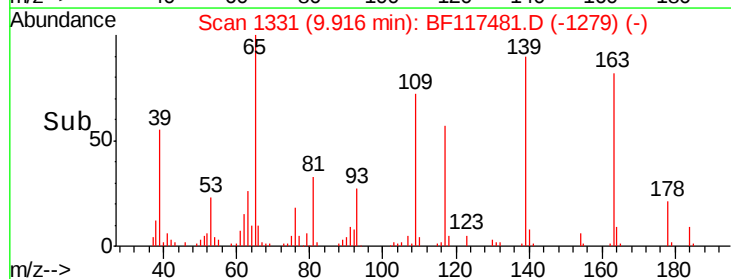
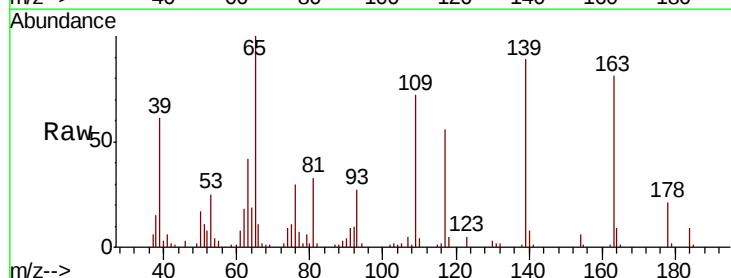
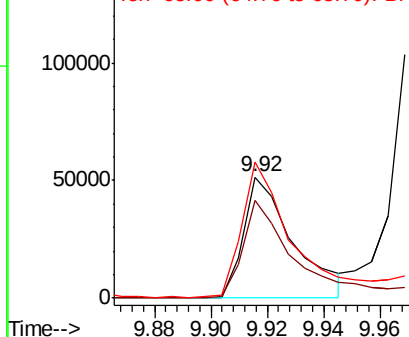
Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.5	51.4	91.4
65	112.2	79.4	119.4

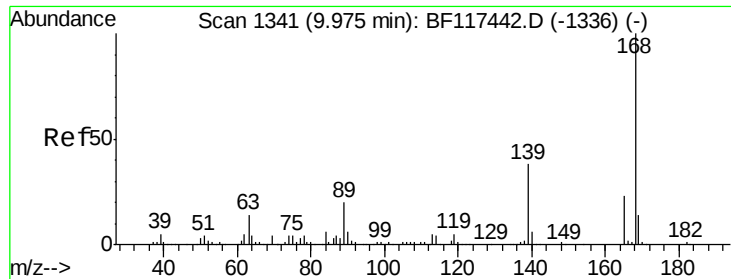
Abundance

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





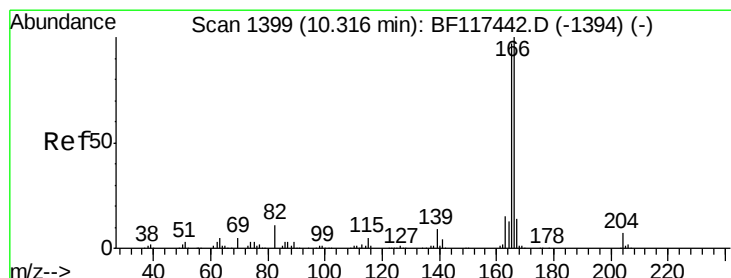
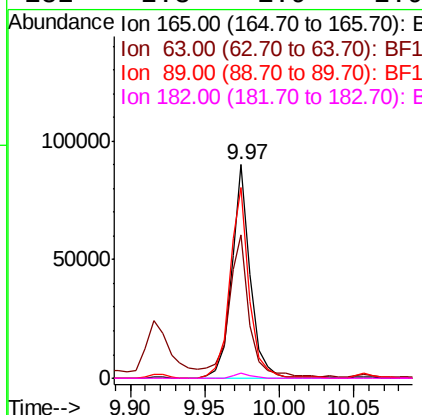
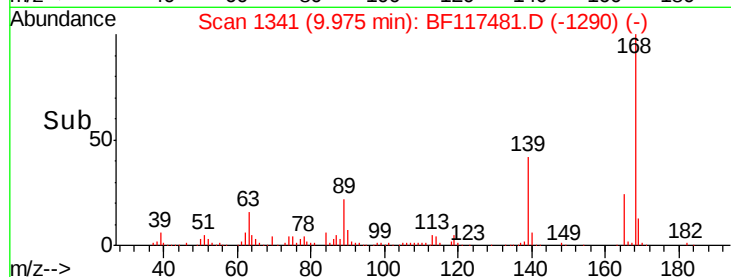
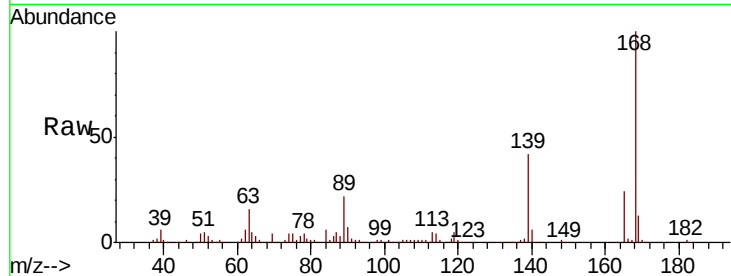
#57
2,4-Dinitrotoluene
Concen: 35.364 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :
PB124094BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.9	51.4	77.0
89	89.1	69.9	104.9
182	2.3	1.9	2.9

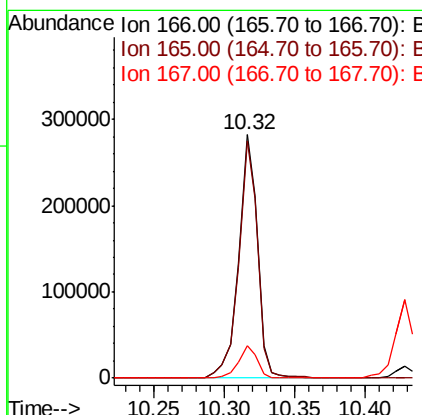
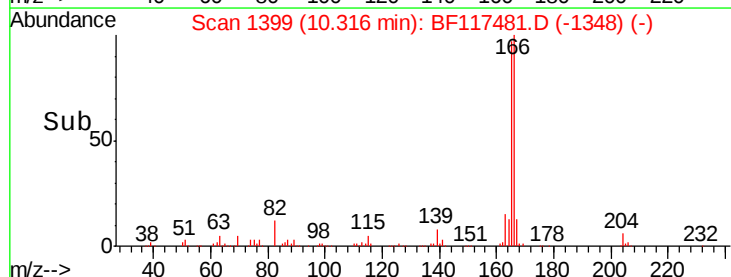
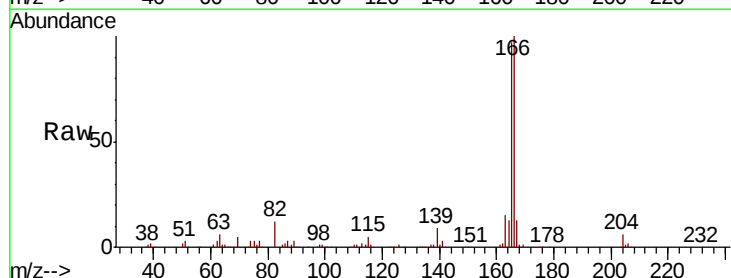
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#58
Fluorene
Concen: 34.325 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.6	116.4
167	13.1	11.0	16.4





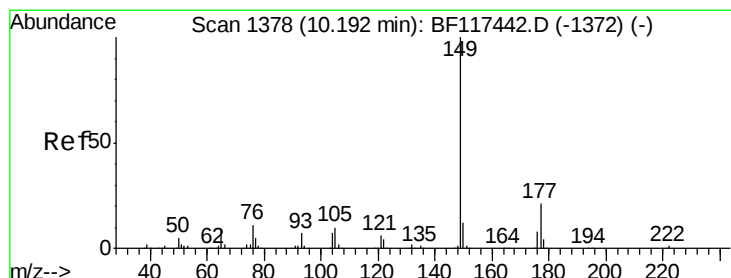
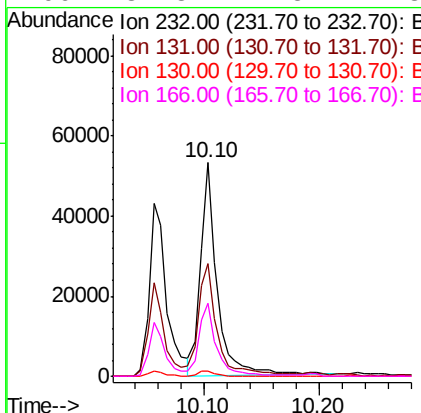
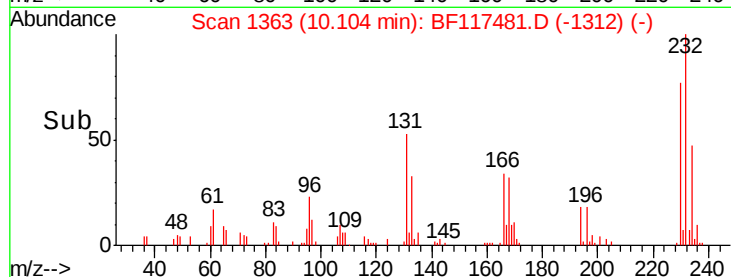
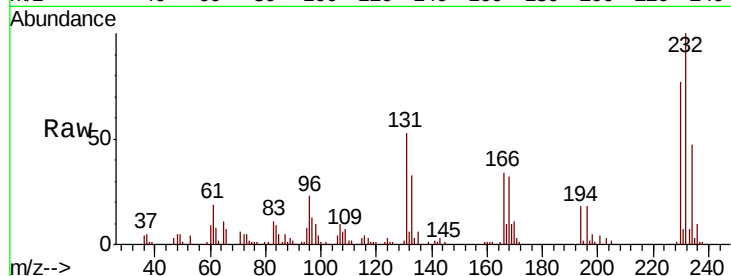
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.668 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion:	232	Resp:	54340
Ion Ratio	Lower	Upper	
232	100		
131	57.3	42.6	63.8
130	2.6	2.2	3.4
166	34.8	27.5	41.3

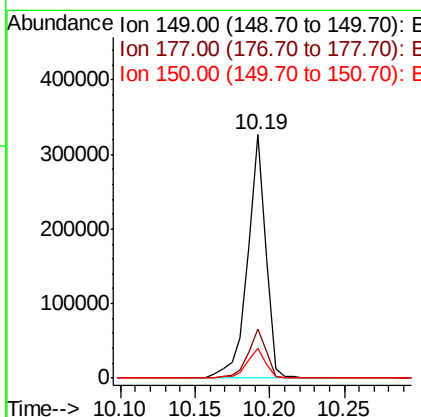
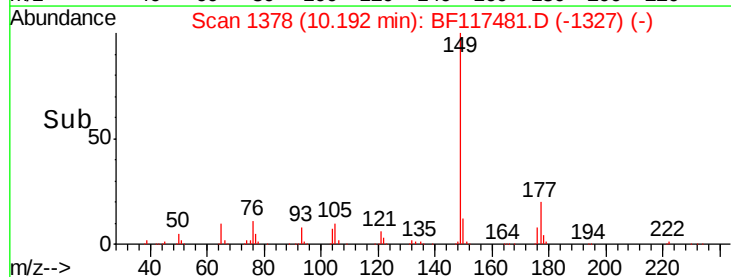
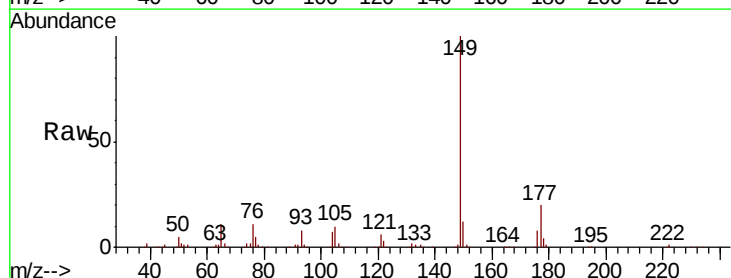
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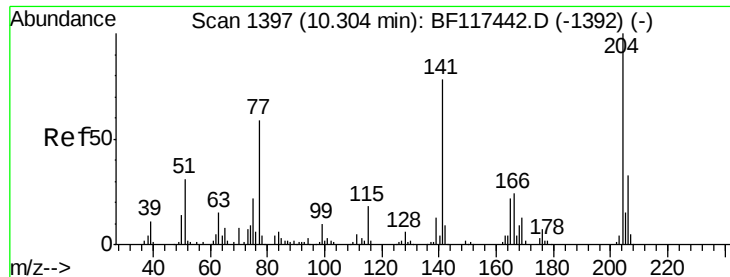
mohammad
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#60
Diethylphthalate
Concen: 33.408 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:	149	Resp:	273206
Ion Ratio	Lower	Upper	
149	100		
177	20.1	17.0	25.4
150	12.0	9.8	14.6





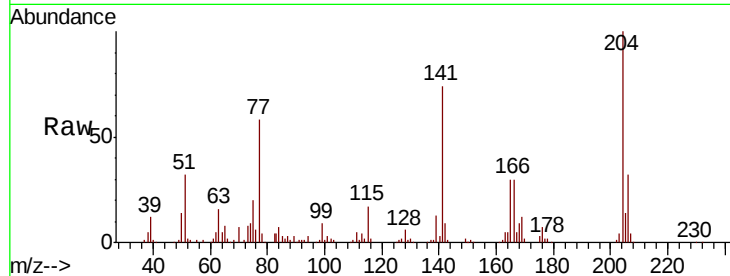
#61
4-Chlorophenyl-phenylether
Concen: 34.219 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

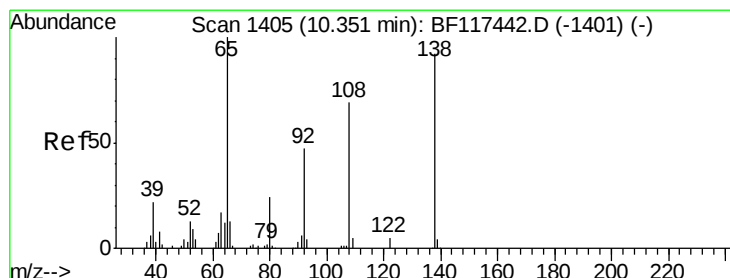
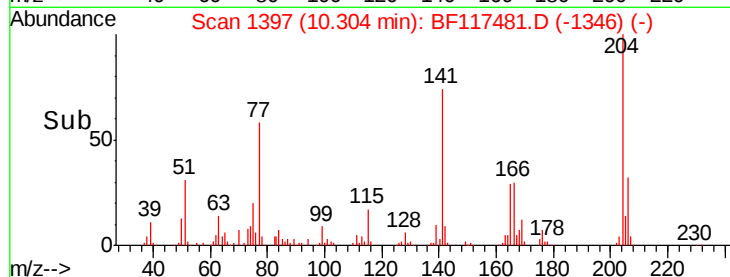
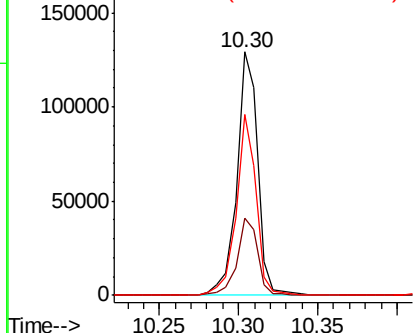
Tot Ion:	204	Resp:	117346
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.3	39.5
141	74.3	62.2	93.4

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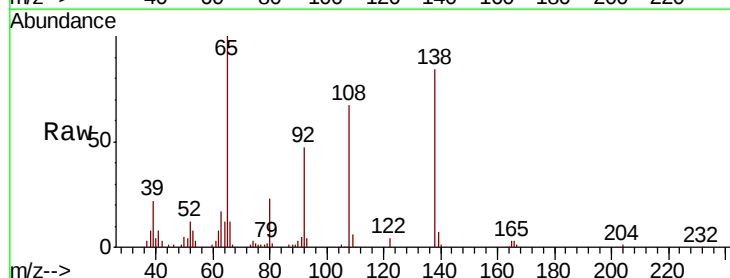


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

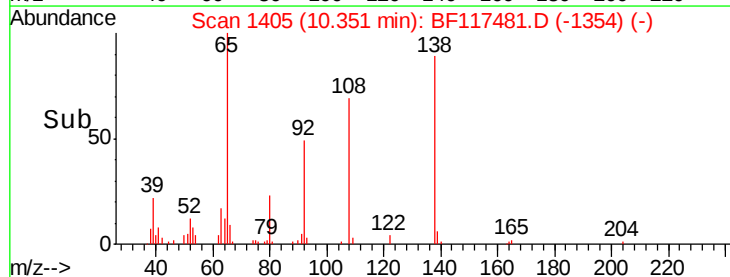
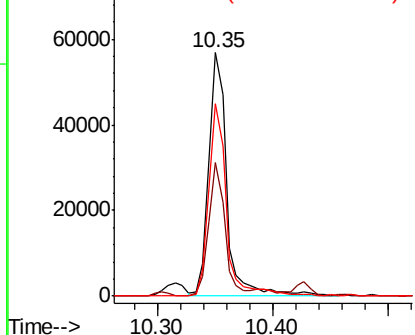


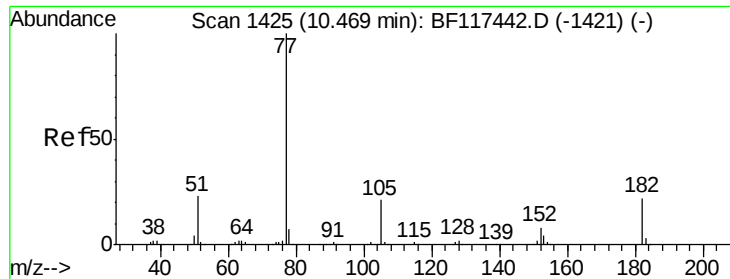
#62
4-Nitroaniline
Concen: 32.199 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:	138	Resp:	62128
Ion Ratio	Lower	Upper	
138	100		
92	55.1	30.3	70.3
108	79.2	54.9	94.9



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





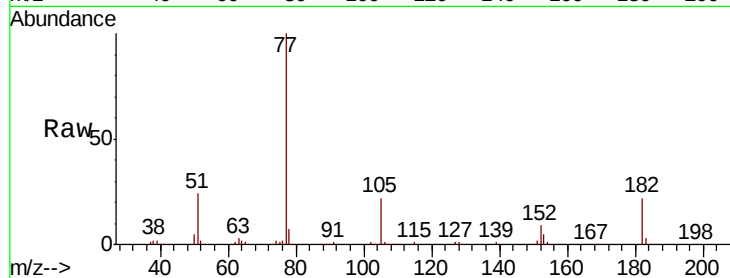
#63
Azobenzene
Concen: 34.625 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

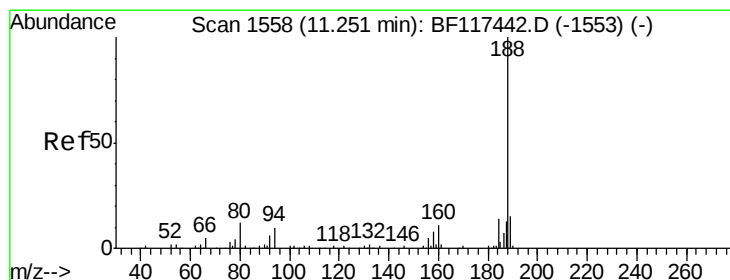
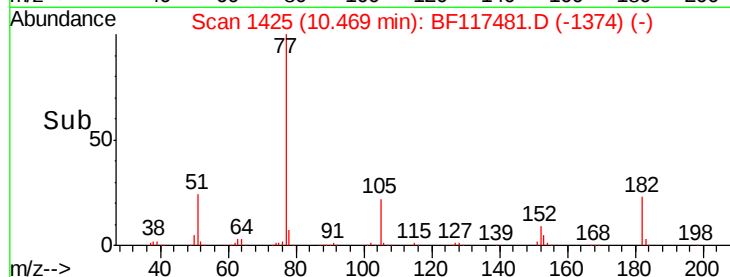
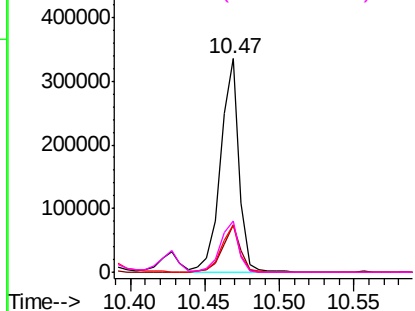
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.5	2.3	42.3		
105	21.9	1.3	41.3		
51	23.8	3.5	43.5		

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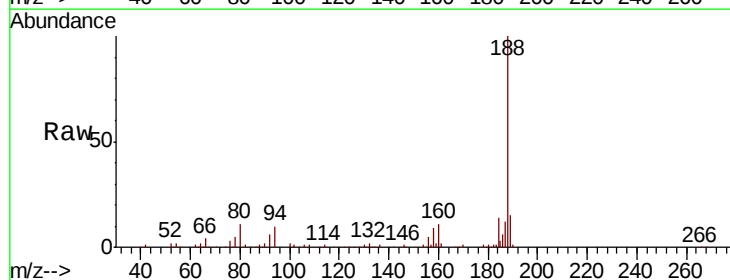


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

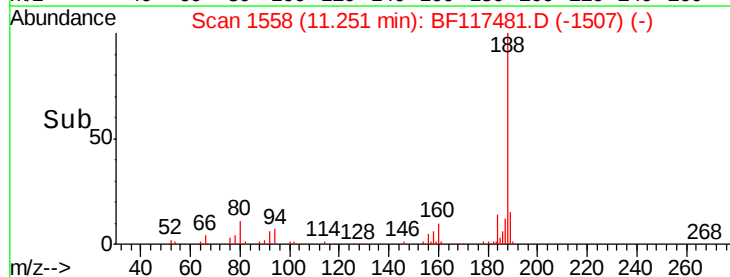
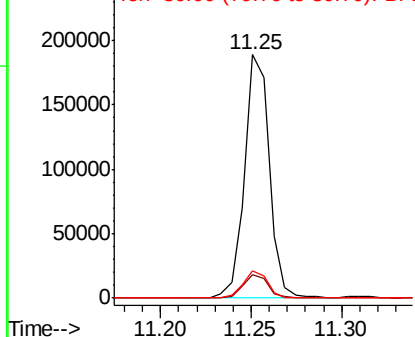


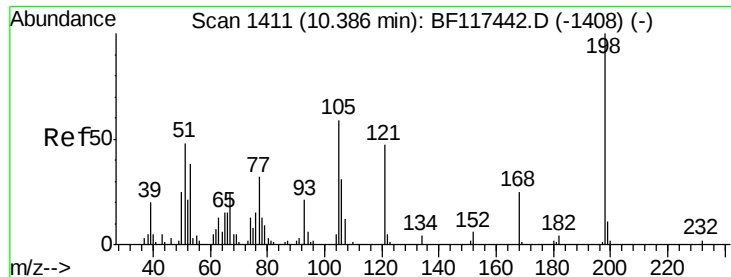
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.6	8.0	12.0		
80	11.2	9.5	14.3		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





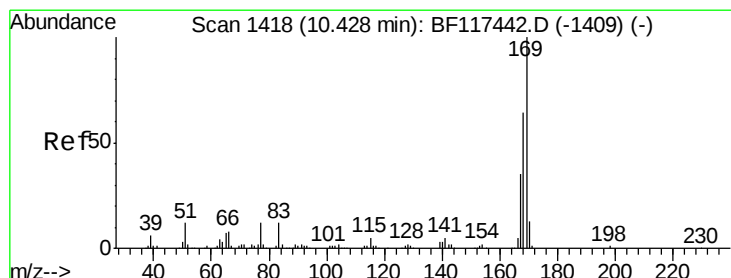
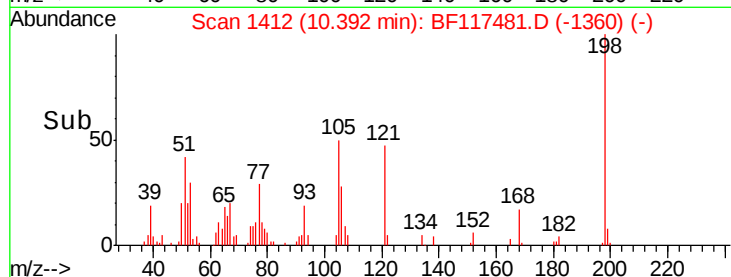
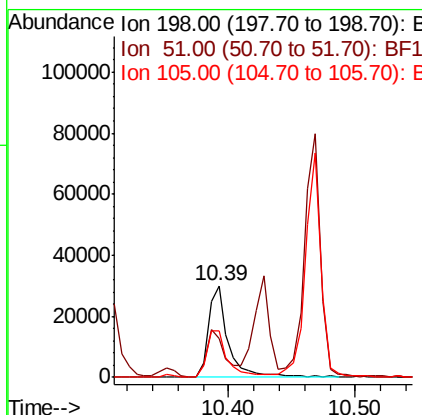
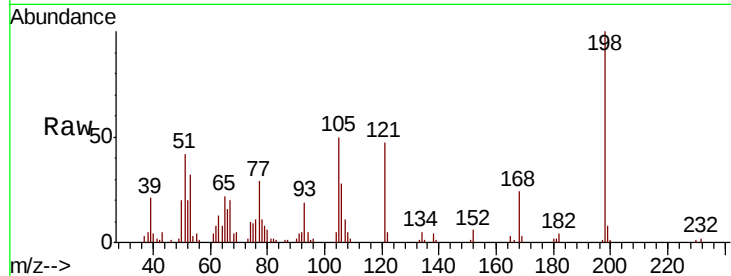
#65
4,6-Dinitro-2-methylphenol
Concen: 35.888 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :
PB124094BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.5	29.1	69.1
105	50.3	39.4	79.4

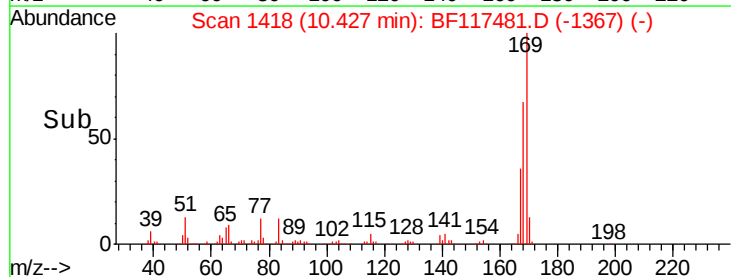
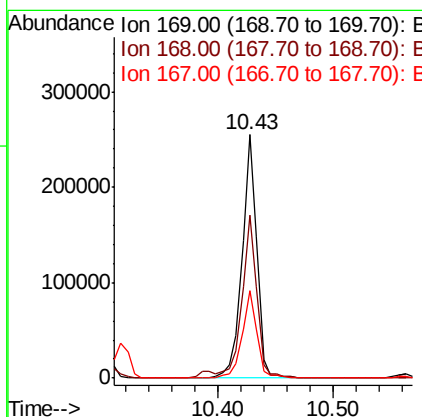
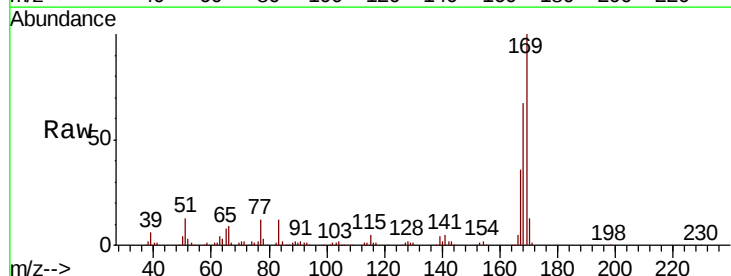
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#66
n-Nitrosodiphenylamine
Concen: 34.672 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	51.3	76.9
167	35.8	28.2	42.4





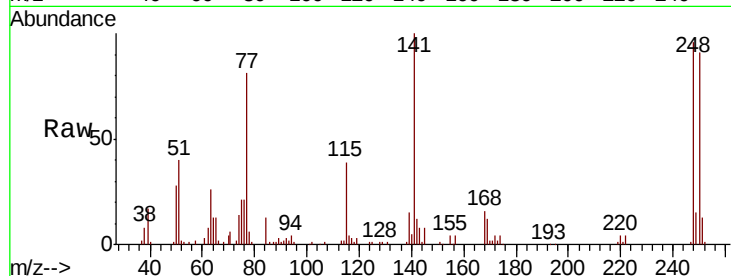
#67
 4-Bromophenyl-phenylether
 Concen: 33.061 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	78.0	117.0
141	104.5	81.7	122.5

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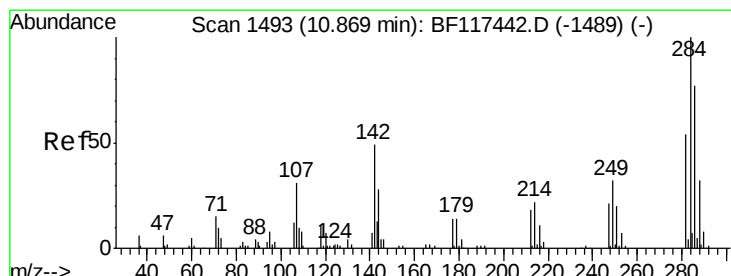
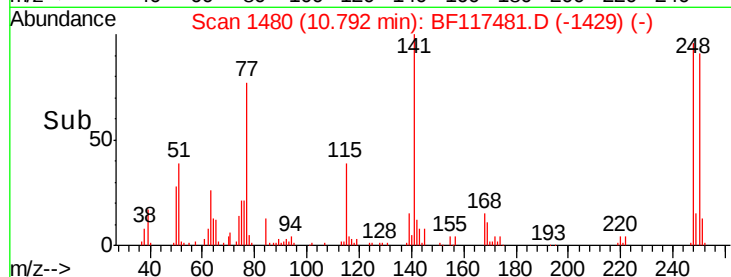
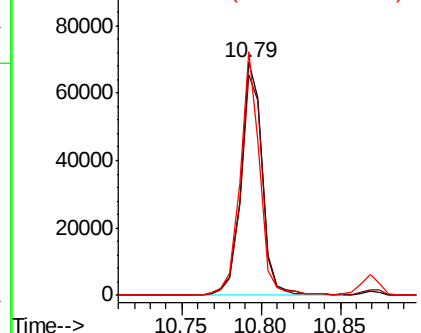


Abundance

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: 32.362 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

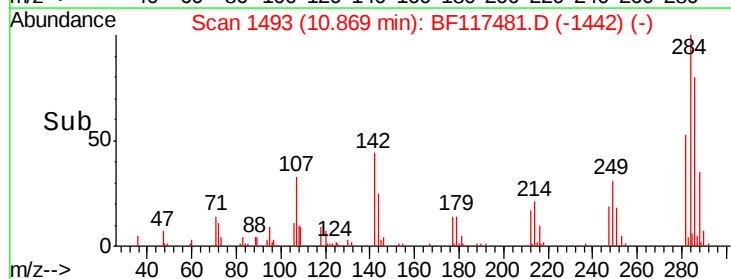
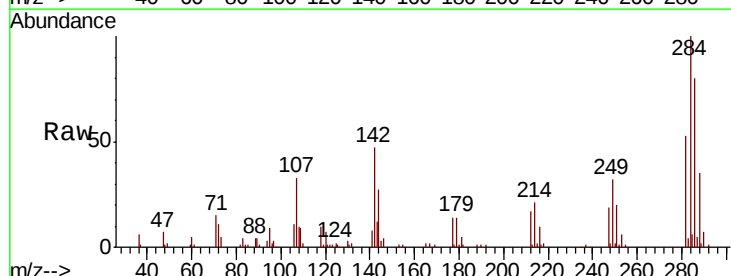
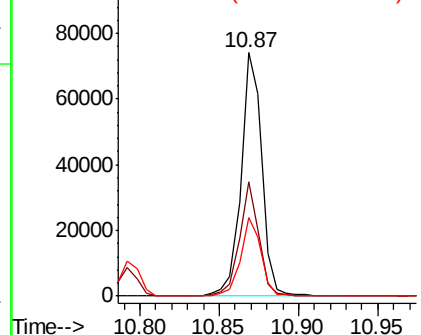
Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.2	39.0	58.6
249	32.2	25.7	38.5

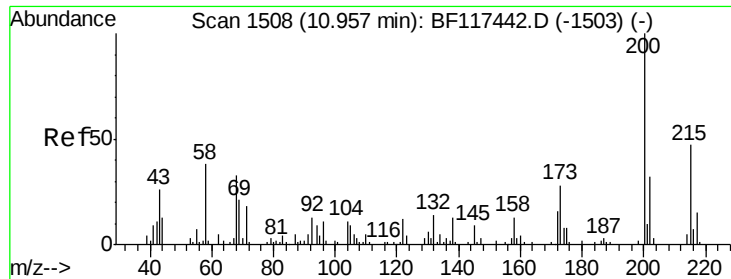
Abundance

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





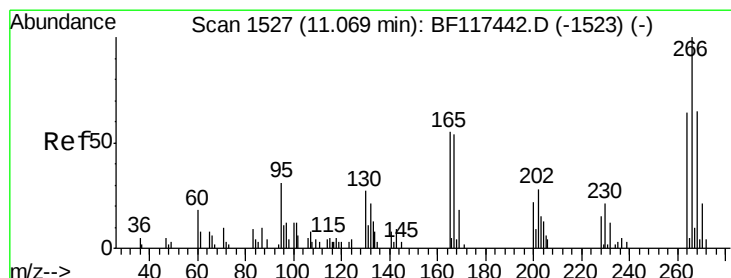
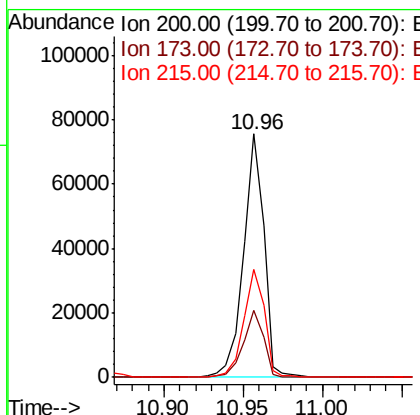
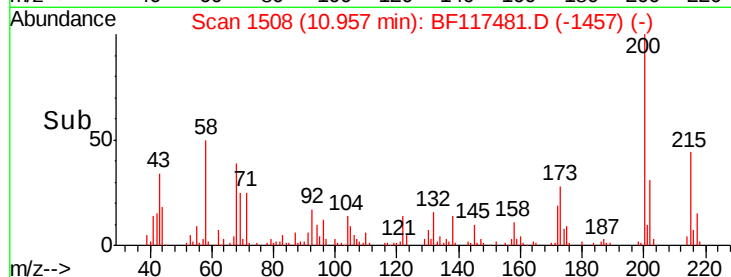
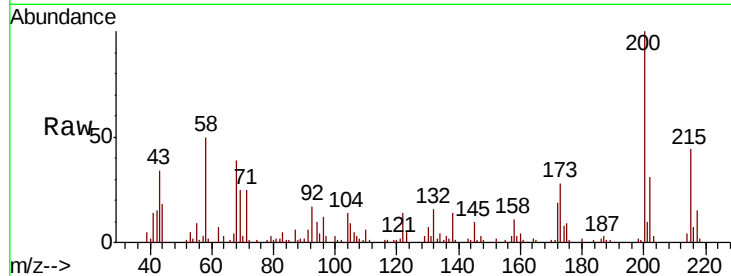
#69
Atrazine
Concen: 40.265 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleID :
PB124094BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.2	48.2
215	44.3	26.8	66.8

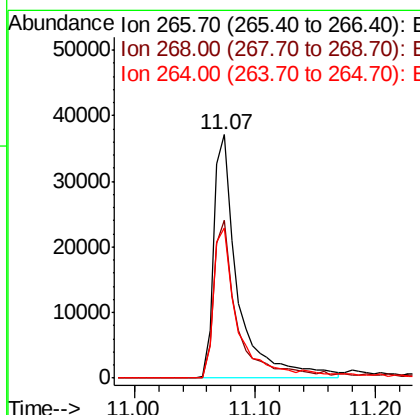
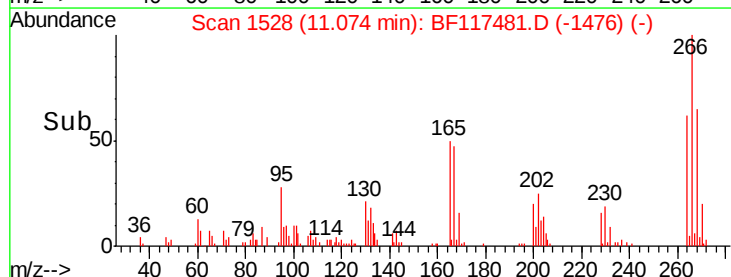
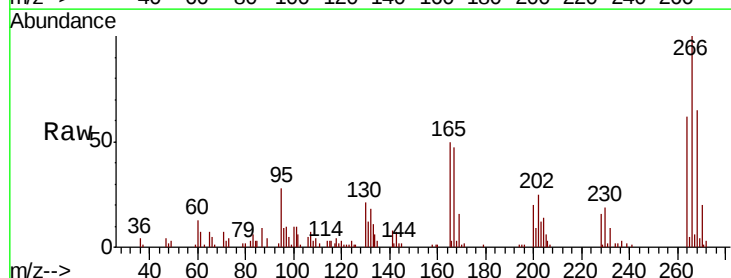
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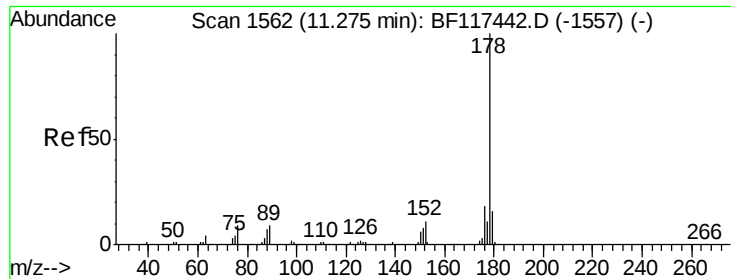
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#70
Pentachlorophenol
Concen: 81.979 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.6	77.4
264	61.9	51.4	77.2





#71

Phenanthrene

Concen: 35.005 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

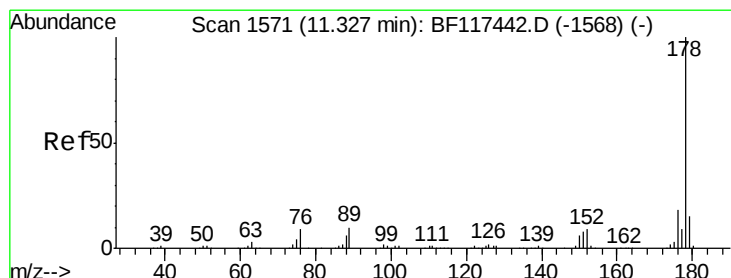
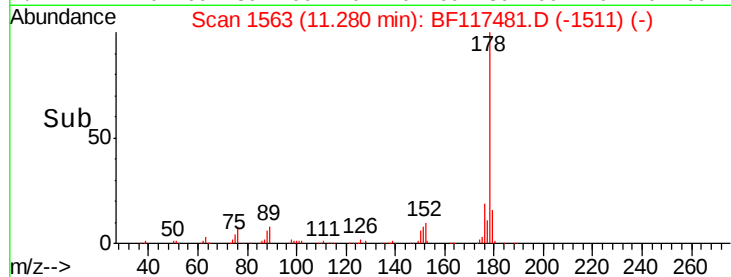
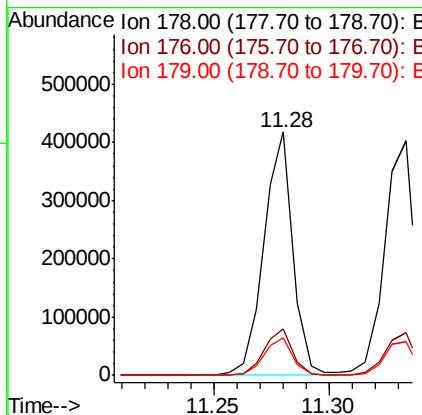
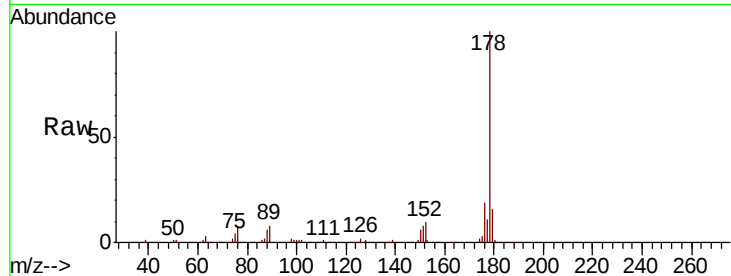
ClientSampleId :

PB124094BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.6	12.6	19.0

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#72

Anthracene

Concen: 35.543 ng

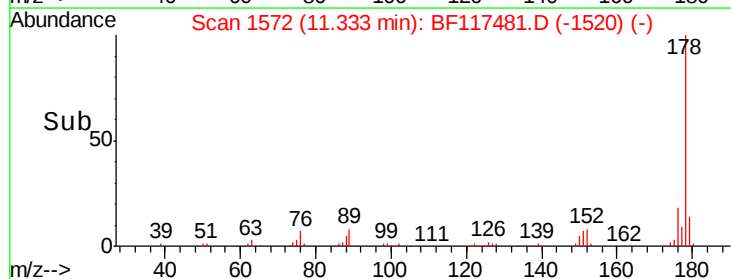
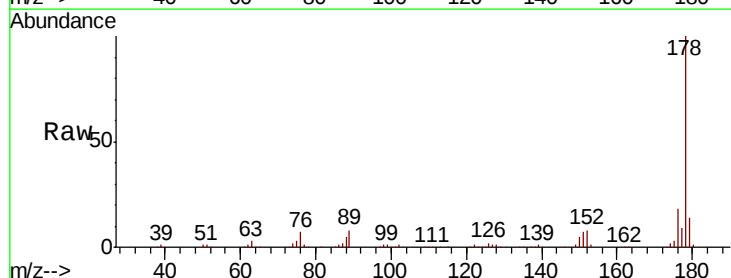
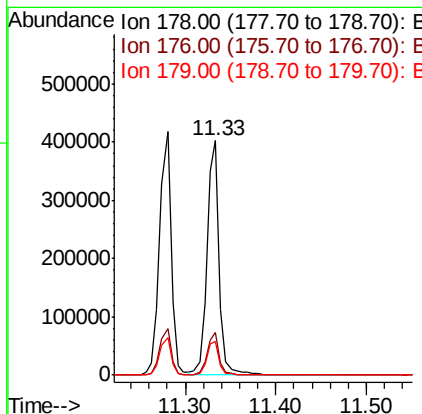
RT: 11.33 min Scan# 1572

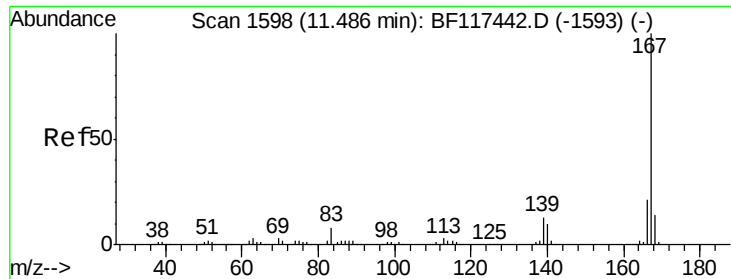
Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	14.4	12.2	18.2





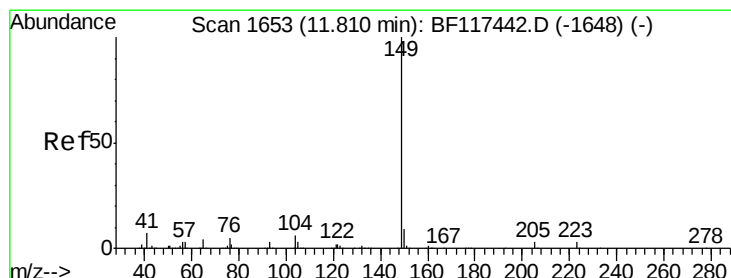
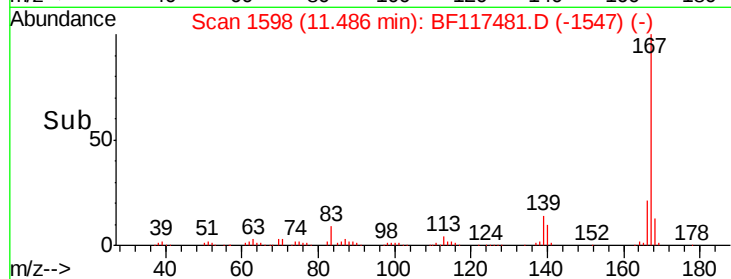
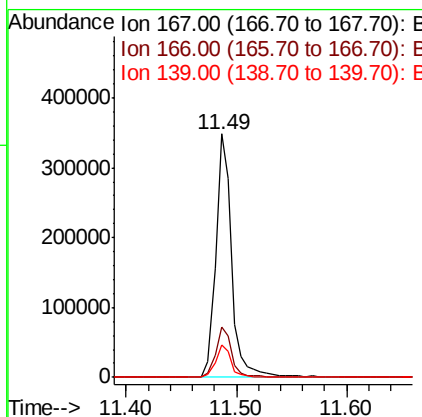
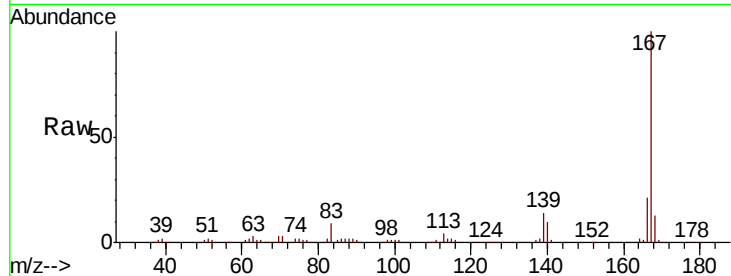
#73
 Carbazole
 Concen: 35.320 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:	167	Resp:	345811
Ion Ratio	Lower	Upper	
167	100		
166	20.6	17.0	25.6
139	13.6	10.6	16.0

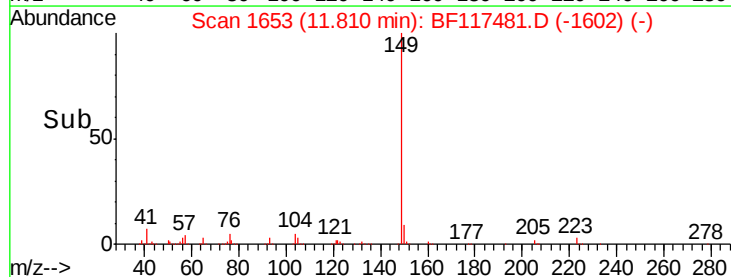
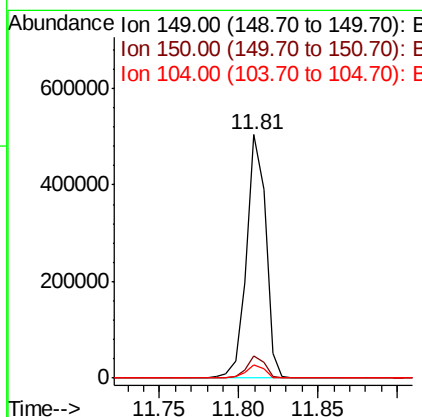
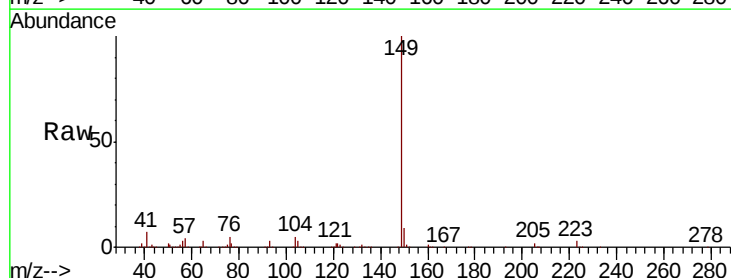
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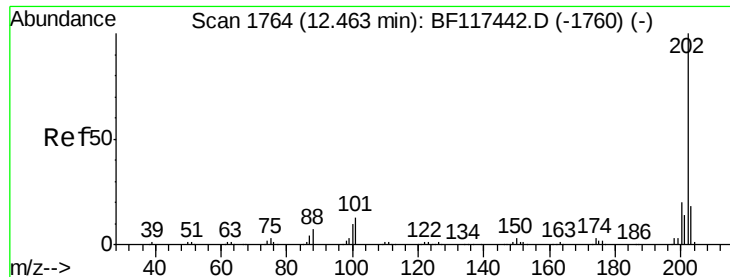
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#74
 Di-n-butylphthalate
 Concen: 32.396 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion:	149	Resp:	423805
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 35.054 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

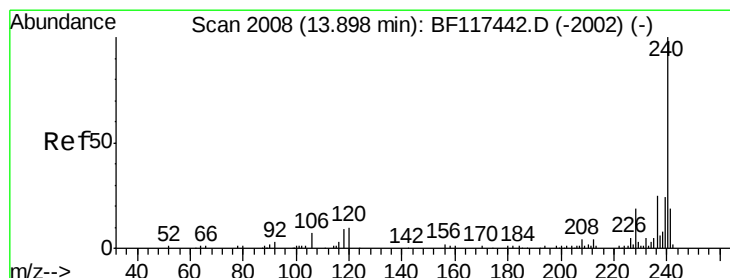
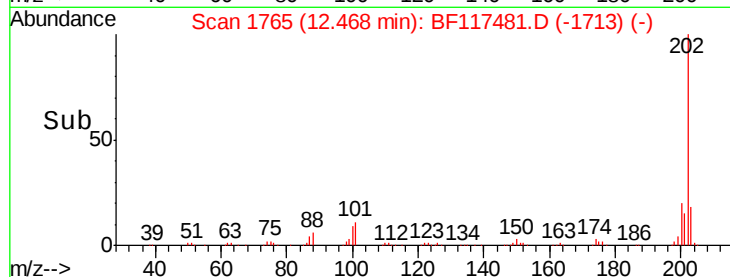
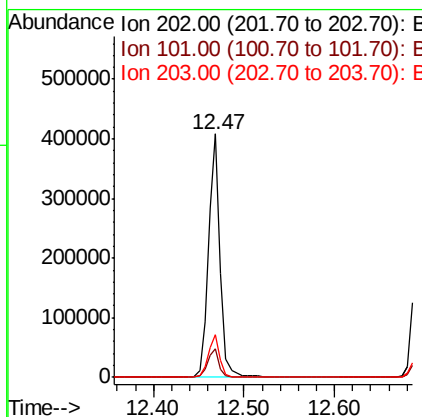
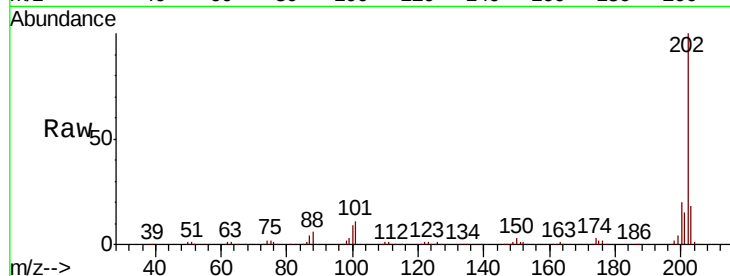
ClientSampleID :

PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	366406		
101	11.5	0.0	32.7	
203	17.6	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

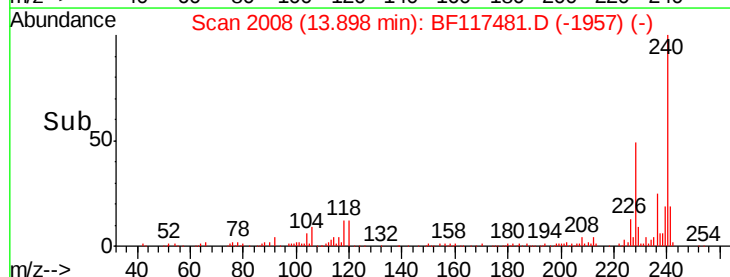
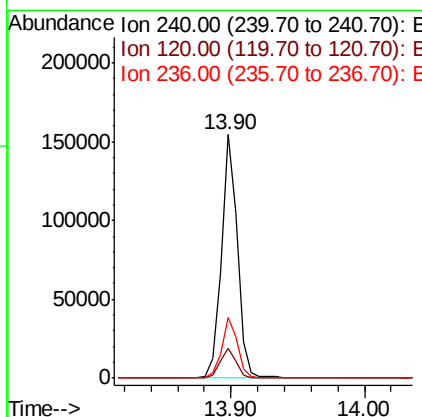
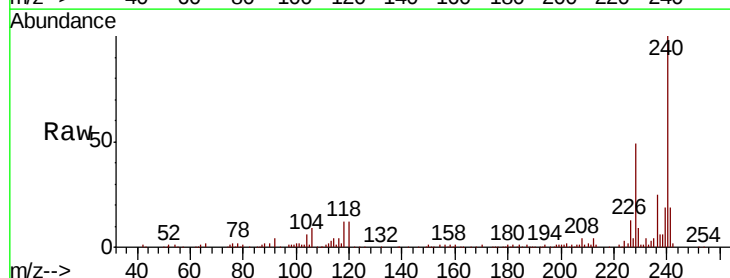
RT: 13.90 min Scan# 2008

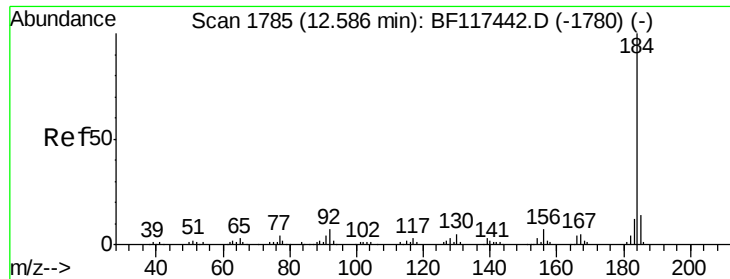
Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	131385		
120	12.1	8.4	12.6	
236	25.0	20.0	30.0	





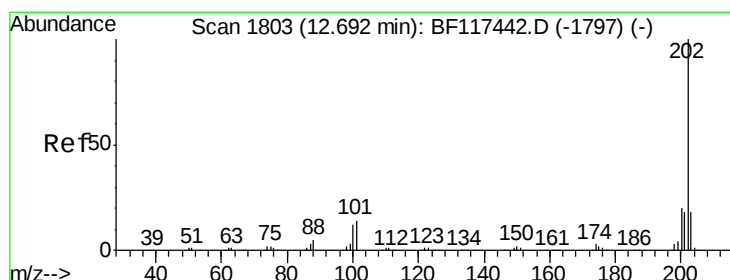
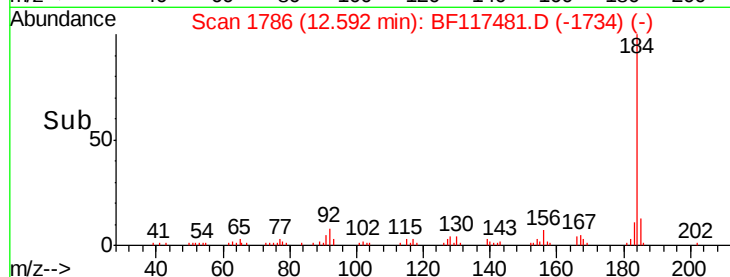
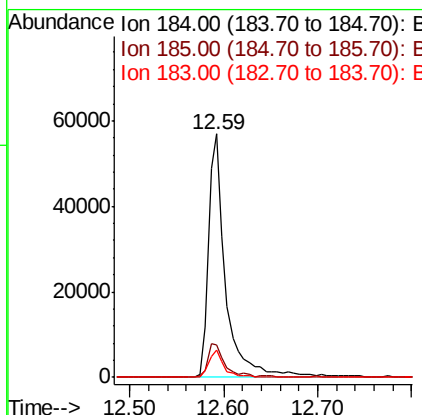
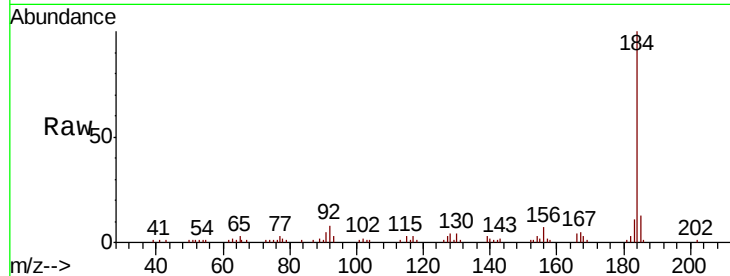
#77
Benzidine
Concen: 15.638 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.4	17.0
183	11.0	9.6	14.4

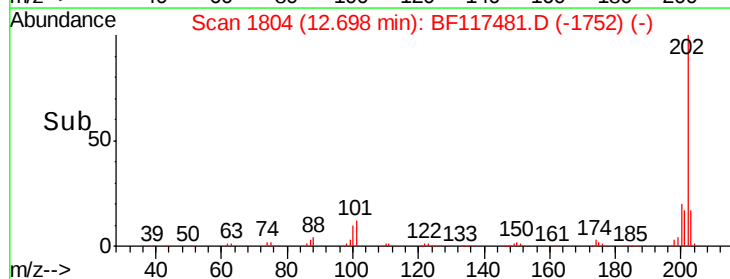
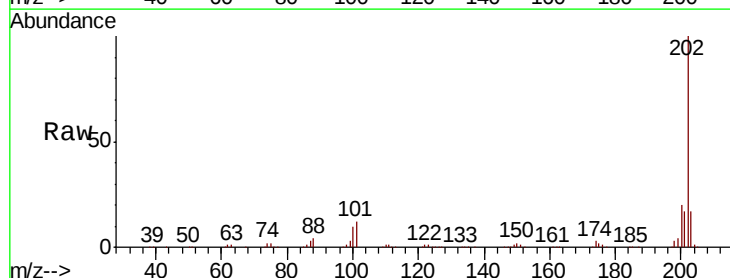
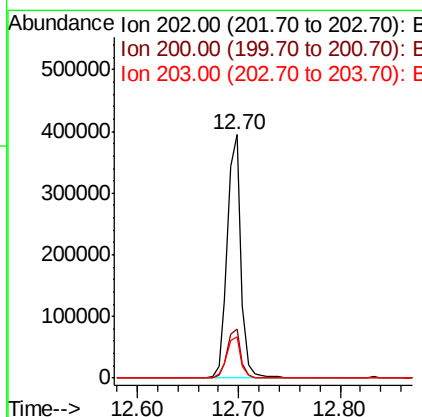
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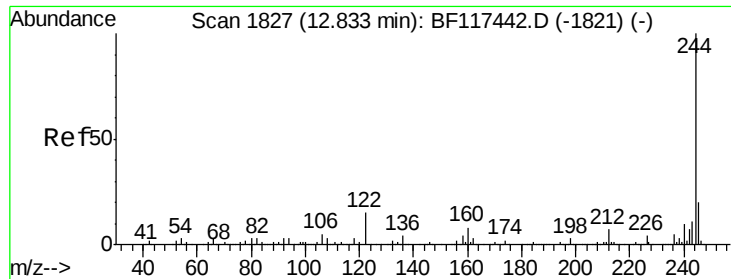
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#78
Pyrene
Concen: 32.971 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	16.9	14.0	21.0





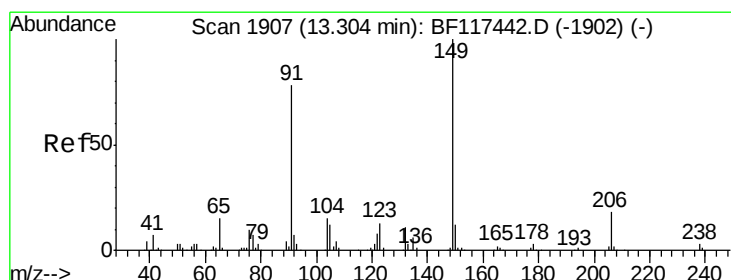
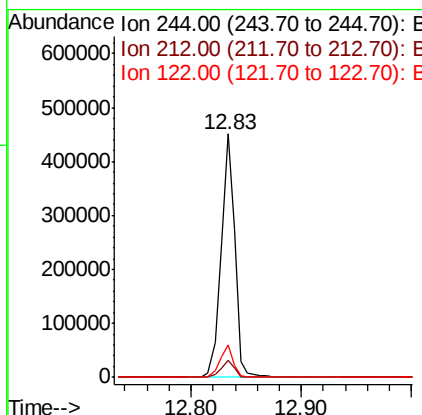
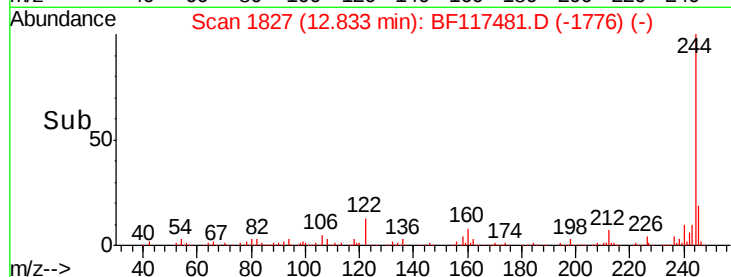
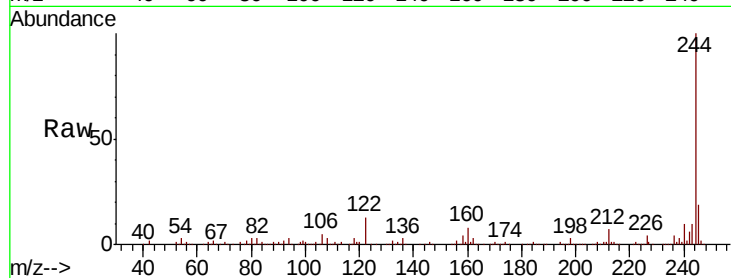
#79
 Terphenyl-d14
 Concen: 48.526 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.1	11.8	17.8

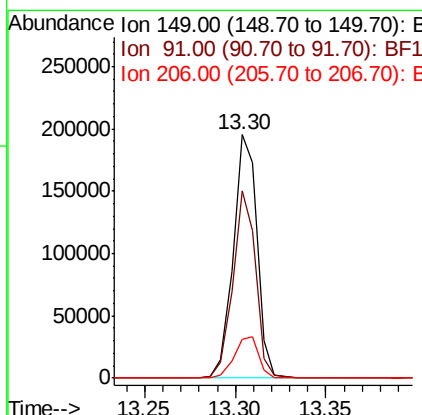
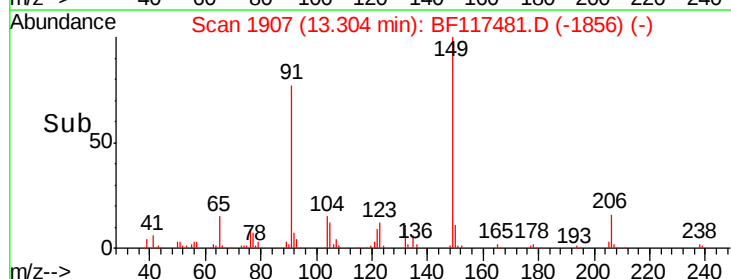
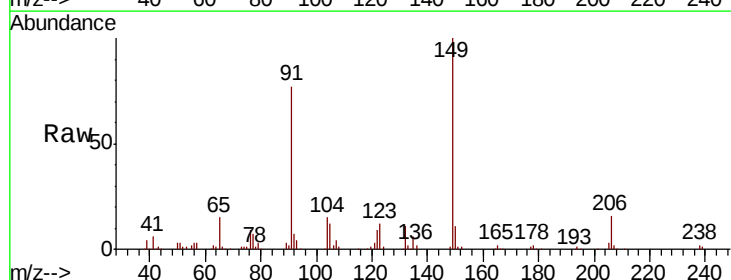
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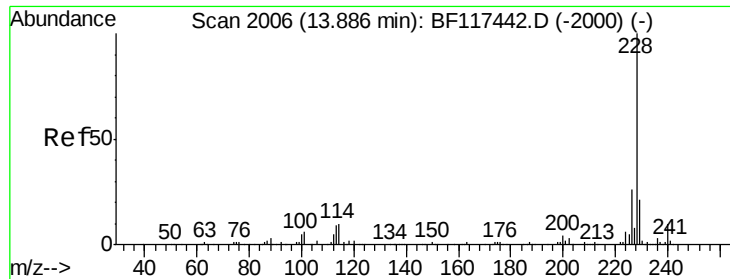
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#80
 Butylbenzylphthalate
 Concen: 31.691 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.8	62.1	93.1
206	16.2	14.3	21.5





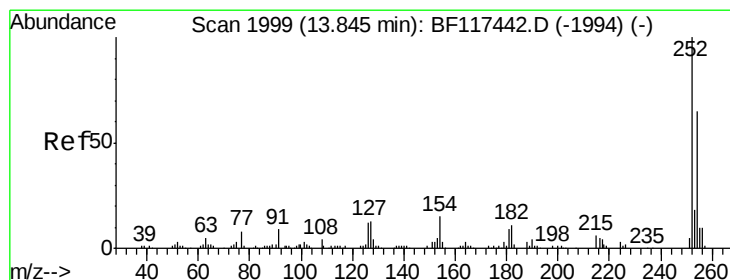
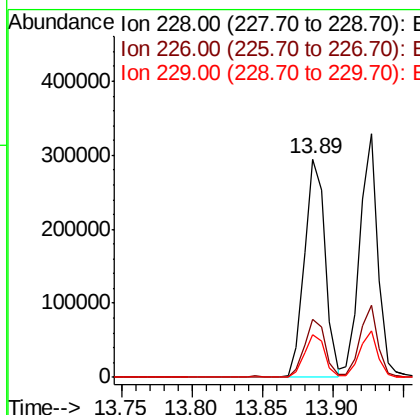
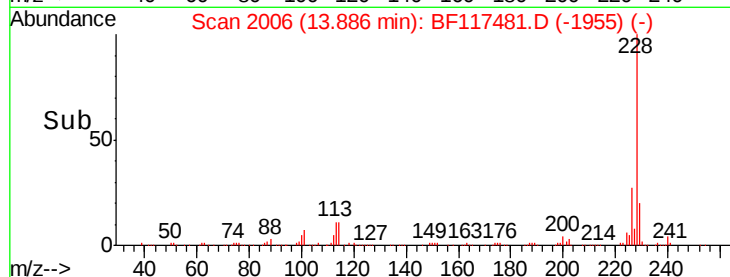
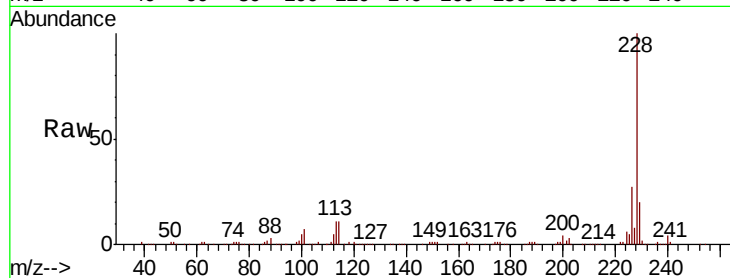
#81
Benzo(a)anthracene
Concen: 33.896 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	19.8	16.4	24.6

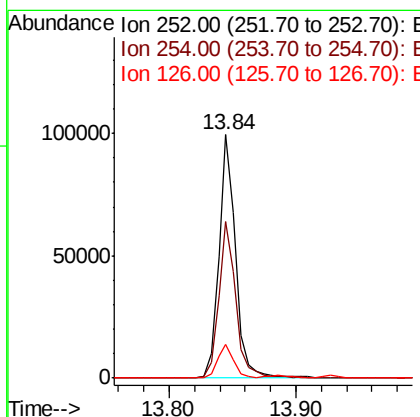
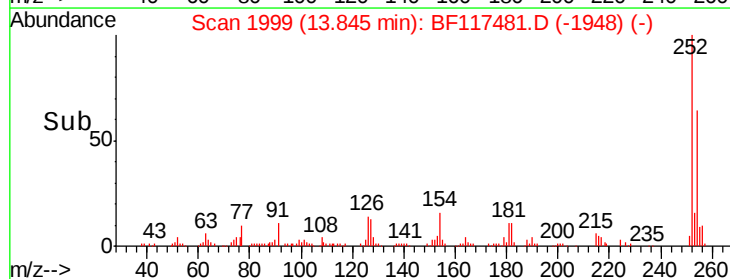
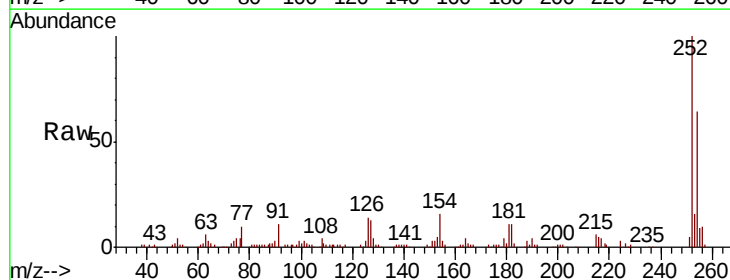
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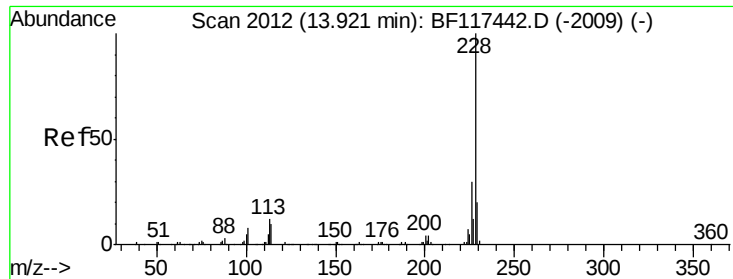
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#82
3,3'-Dichlorobenzidine
Concen: 33.102 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.2	78.4
126	13.9	9.2	13.8#





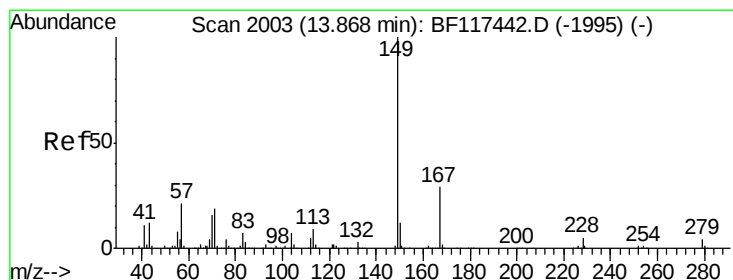
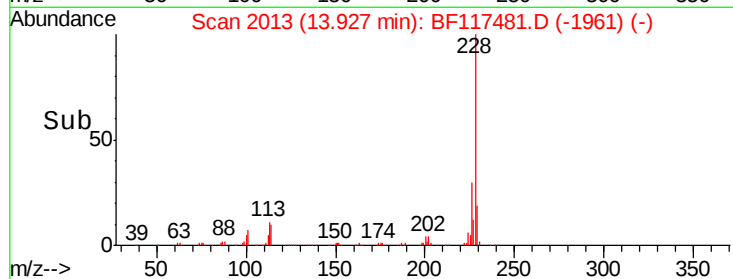
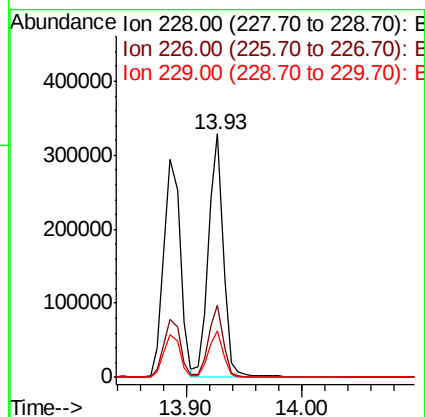
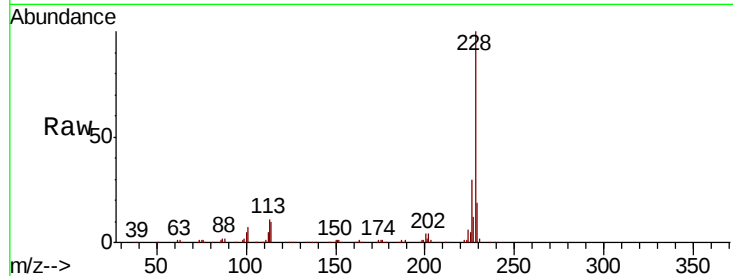
#83
Chrysene
Concen: 34.094 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	296130		
226	29.6		23.9	35.9
229	19.2		15.8	23.6

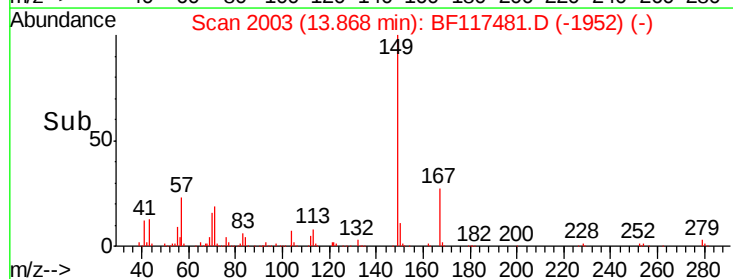
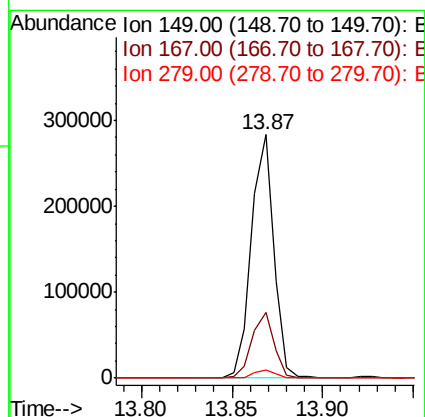
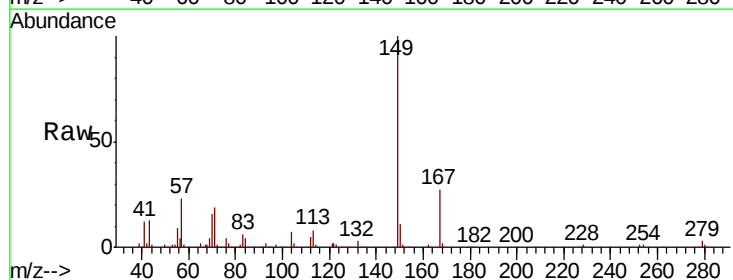
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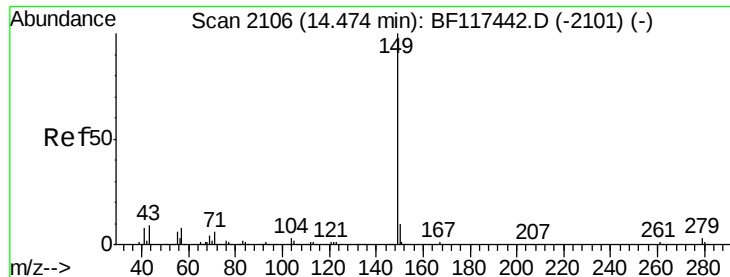
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#84
Bis(2-ethylhexyl)phthalate
Concen: 31.194 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	245392		
167	27.1		23.3	34.9
279	3.4		3.2	4.8





#85

Di-n-octyl phthalate

Concen: 33.529 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

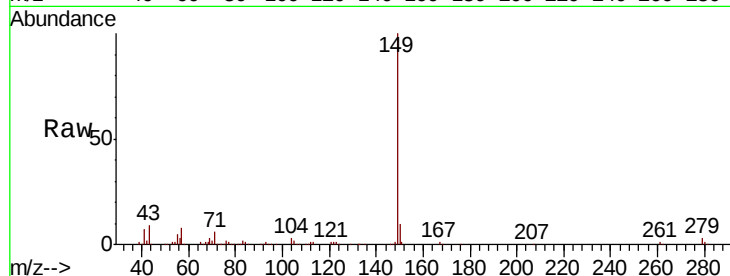
ClientSampleId :

PB124094BS

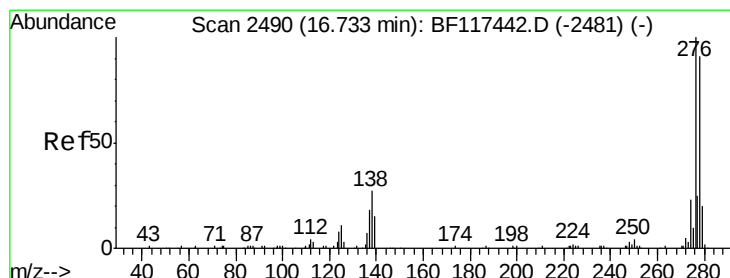
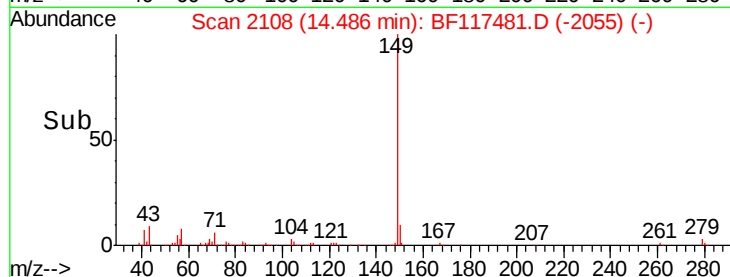
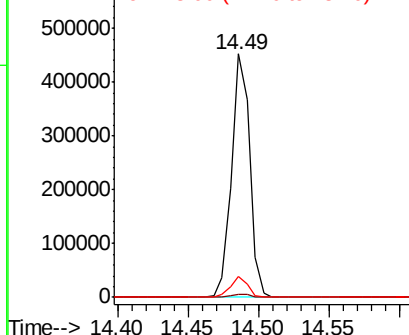
Tot Ion:	149	Resp:	405534
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.4	6.8	10.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.122 ng

RT: 16.76 min Scan# 2494

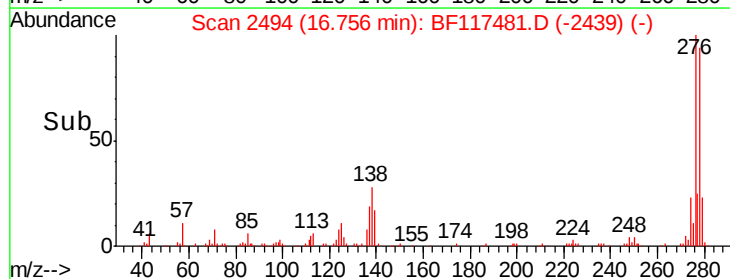
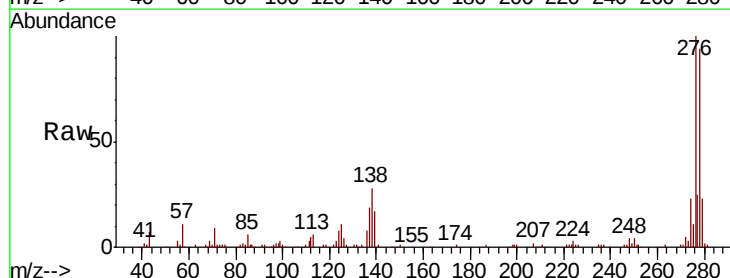
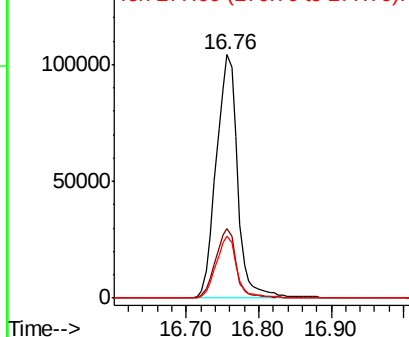
Delta R.T. 0.02 min

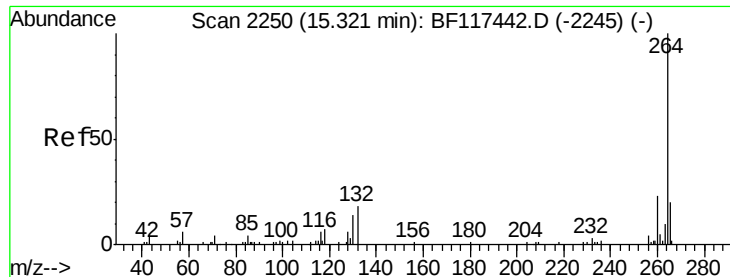
Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	276	Resp:	214789
Ion Ratio	Lower	Upper	
276	100		
138	27.6	21.8	32.8
277	24.1	20.0	30.0

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





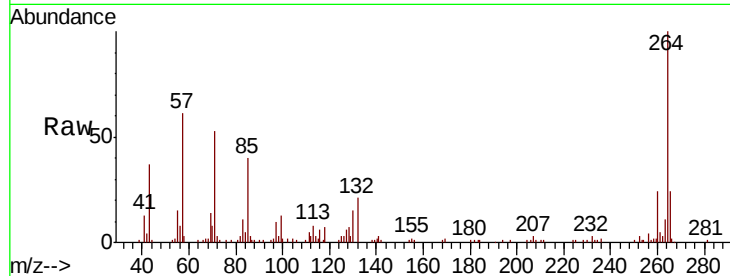
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	24.4	16.1	24.1

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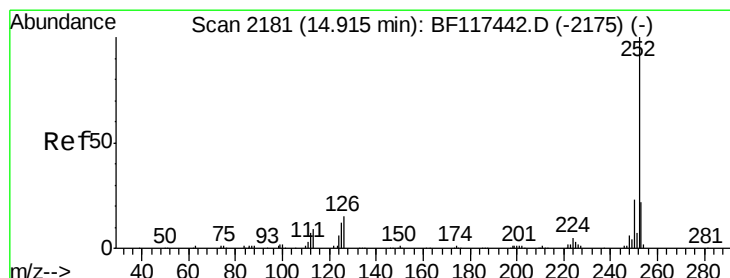
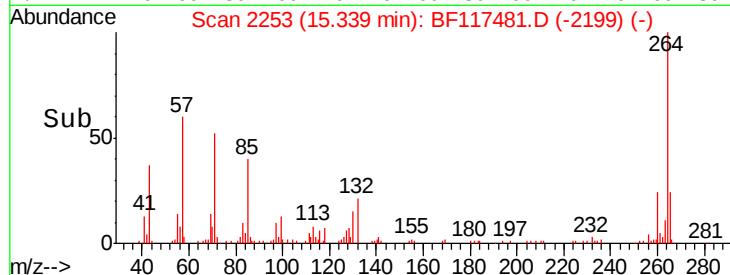
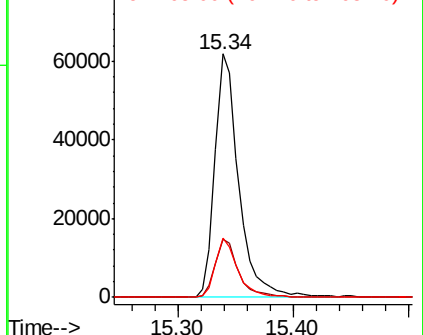


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.933 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

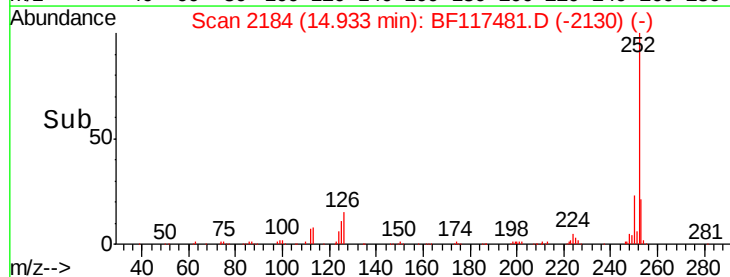
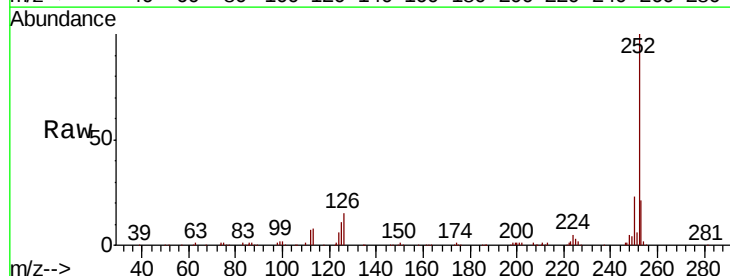
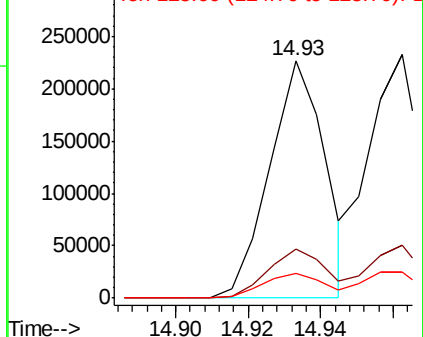
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	10.7	9.9	14.9

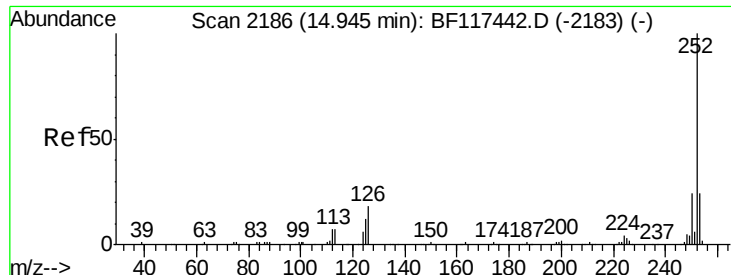
Abundance

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





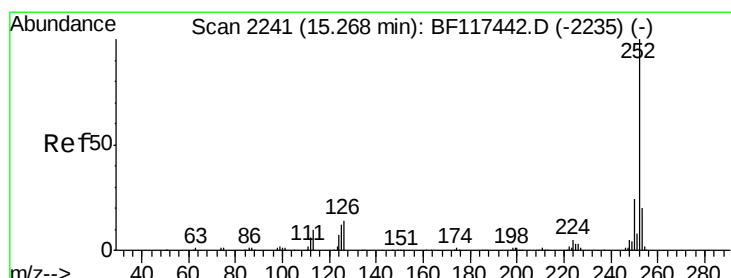
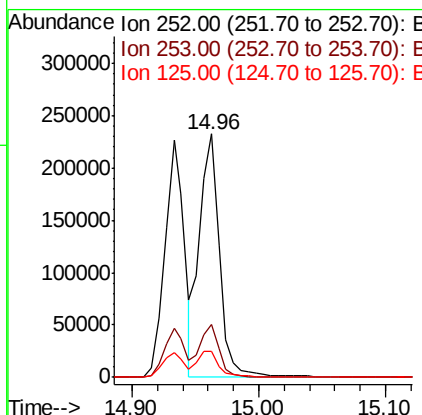
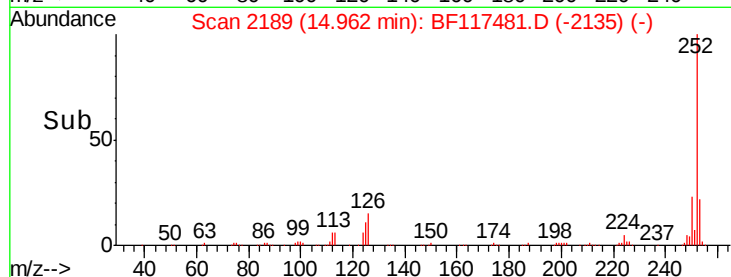
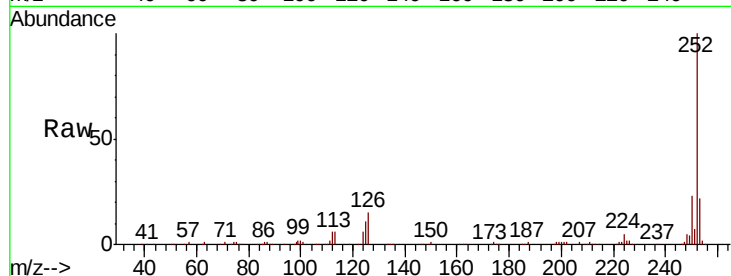
#89
Benzo(k)fluoranthene
Concen: 47.174 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.8	8.9	13.3

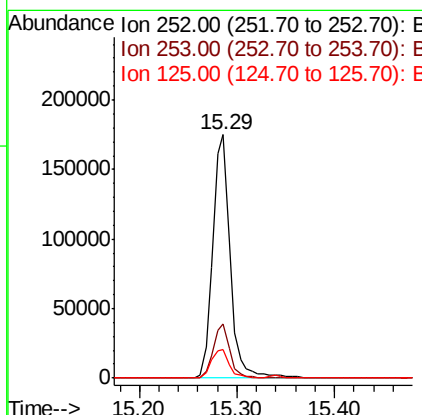
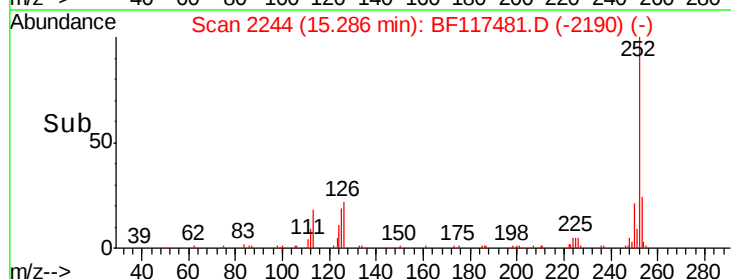
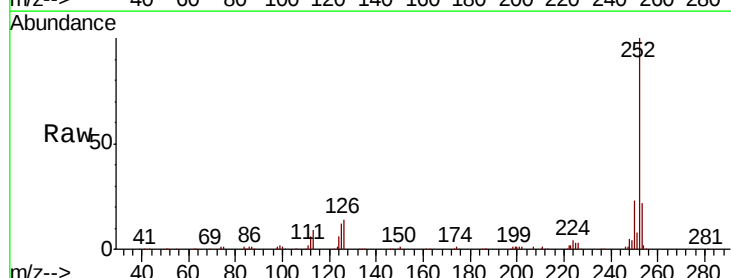
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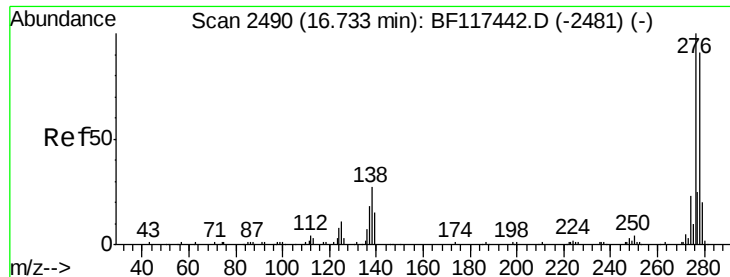
mohammad
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#90
Benzo(a)pyrene
Concen: 45.429 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.3	24.5
125	11.6	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 44.670 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

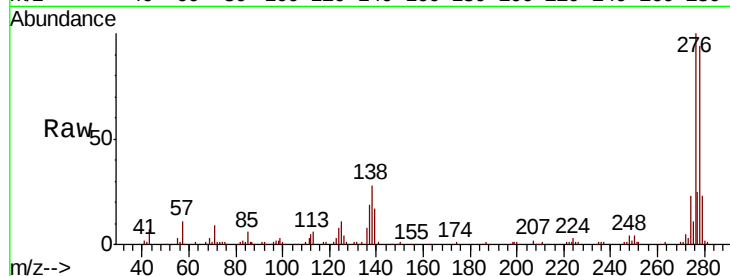
ClientSampled :

PB124094BS

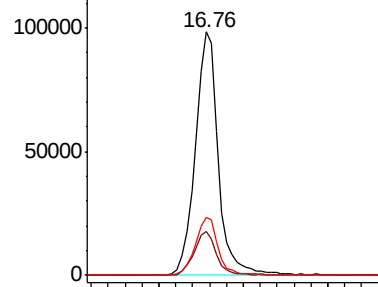
Tot Ion:	278	Resp:	184661
Ion Ratio	Lower	Upper	
278	100		
139	17.9	13.4	20.0
279	23.9	17.8	26.6

Manual Integrations
APPROVED

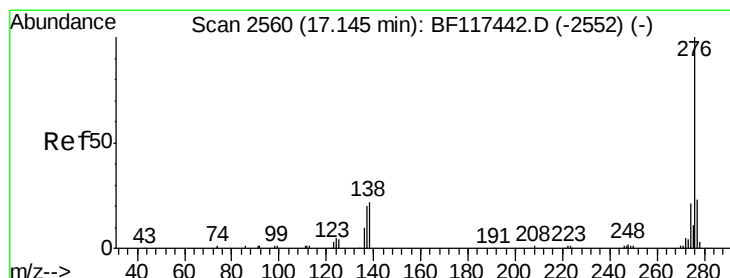
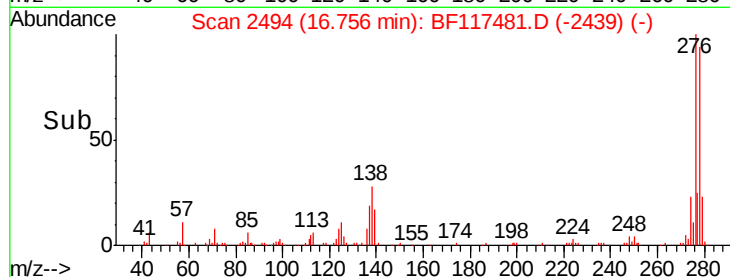
mohammad
10/23/2019 8:06:04 AM



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



Time-->



#92

Benzo(g,h,i)perylene

Concen: 45.451 ng

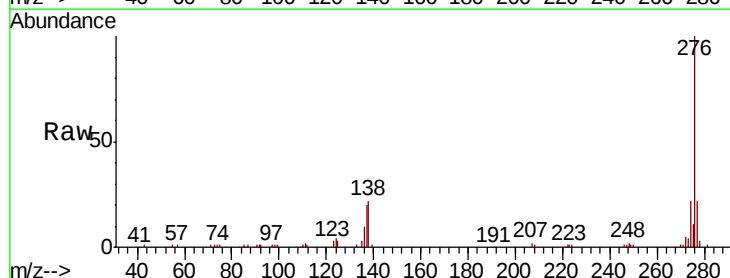
RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

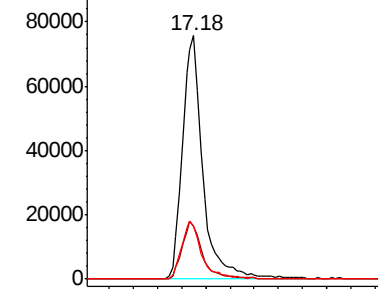
Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:	276	Resp:	177777
Ion Ratio	Lower	Upper	
276	100		
277	21.6	18.4	27.6
138	21.9	17.8	26.6



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



Time-->

