

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117465.D
 Acq On : 21 Oct 2019 23:22
 Operator : JU
 Sample : K5448-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPMSD

Manual Integrations
 APPROVED

mohammad
 10/22/2019 3:29:28 PM

Quant Time: Oct 22 03:25:02 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	58417	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	243948	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	129151	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	218692	20.00	ng	0.00
76) Chrysene-d12	13.89	240	179532	20.00	ng	0.00
87) Perylene-d12	15.32	264	186407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	301709	76.84	ng	0.00
7) Phenol-d6	6.38	99	414633	78.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	259107	52.44	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	88285	79.00	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	442088	48.23	ng	0.00
79) Terphenyl-d14	12.83	244	464450	42.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	35237	21.344	ng	# 93
3) Pyridine	3.15	79	93058m	23.026	ng	
4) n-Nitrosodimethylamine	3.08	42	37948	25.882	ng	95
6) Aniline	6.40	93	85276	13.773	ng	# 24
8) 2-Chlorophenol	6.52	128	107619	25.973	ng	98
9) Benzaldehyde	6.29	77	63141	21.451	ng	97
10) Phenol	6.39	94	139501	25.916	ng	# 76
11) bis(2-Chloroethyl)ether	6.47	93	102784	25.816	ng	98
12) 1,3-Dichlorobenzene	6.67	146	108642	23.496	ng	95
13) 1,4-Dichlorobenzene	6.75	146	111564	23.784	ng	98
14) 1,2-Dichlorobenzene	6.90	146	104976	23.742	ng	97
15) Benzyl Alcohol	6.89	79	97809	25.958	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	97371	22.671	ng	80
17) 2-Methylphenol	7.00	107	89102	26.141	ng	97
18) Hexachloroethane	7.24	117	42399	23.158	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	80251	24.916	ng	99
20) 3+4-Methylphenols	7.16	107	115724	25.895	ng	# 79
22) Acetophenone	7.15	105	155788	24.050	ng	96
24) Nitrobenzene	7.32	77	118188	24.972	ng	98
25) Isophorone	7.56	82	215666	25.229	ng	99
26) 2-Nitrophenol	7.63	139	54217	25.685	ng	88
27) 2,4-Dimethylphenol	7.68	122	90230	28.602	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	126120	23.910	ng	100
29) 2,4-Dichlorophenol	7.89	162	86193	26.049	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	86137	24.258	ng	99
31) Naphthalene	8.03	128	310383	25.669	ng	99
32) Benzoic acid	7.83	122	49353	22.841	ng	92
33) 4-Chloroaniline	8.10	127	28005	5.488	ng	98
34) Hexachlorobutadiene	8.15	225	48083	23.395	ng	99
35) Caprolactam	8.46	113	28801m	27.096	ng	
36) 4-Chloro-3-methylphenol	8.59	107	102945	27.280	ng	98
37) 2-Methylnaphthalene	8.73	142	210105	25.787	ng	98
38) 1-Methylnaphthalene	8.82	142	194717	25.433	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	80583	23.166	ng	97

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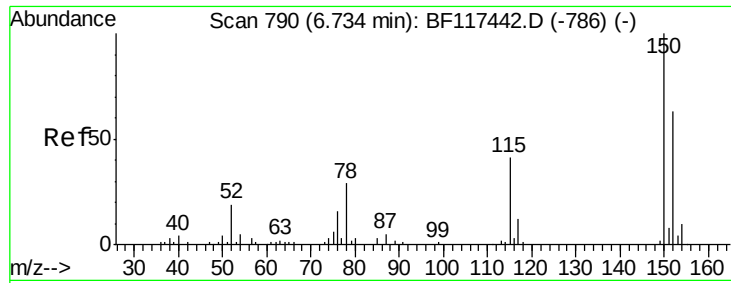
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	44366	55.839	nq	97
43) 2,4,6-Trichlorophenol	9.01	196	54293	24.924	nq	96
44) 2,4,5-Trichlorophenol	9.06	196	58480	26.493	nq	# 92
46) 1,1'-Biphenyl	9.19	154	250305	23.411	nq	99
47) 2-Chloronaphthalene	9.22	162	191974	23.814	nq	98
48) 2-Nitroaniline	9.32	65	63935	24.159	nq	88
49) Acenaphthylene	9.63	152	297527	25.127	nq	99
50) Dimethylphthalate	9.49	163	300146	32.600	nq	99
51) 2,6-Dinitrotoluene	9.56	165	48991	25.499	nq	90
52) Acenaphthene	9.80	154	177160	24.386	nq	98
53) 3-Nitroaniline	9.73	138	25960	11.136	nq	94
54) 2,4-Dinitrophenol	9.85	184	29431	39.447	nq	90
55) Dibenzofuran	9.97	168	268431	25.503	nq	96
56) 4-Nitrophenol	9.91	139	56772	54.305	nq	88
57) 2,4-Dinitrotoluene	9.97	165	66933	26.203	nq	87
58) Fluorene	10.32	166	221125	25.405	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	42590m	24.549	nq	
60) Diethylphthalate	10.19	149	237511	25.504	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	96111	24.612	nq	95
62) 4-Nitroaniline	10.35	138	49495	22.526	nq	88
63) Azobenzene	10.46	77	243240	25.515	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	27726	24.936	nq	94
66) n-Nitrosodiphenylamine	10.43	169	195934	24.507	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	53948	22.902	nq	92
68) Hexachlorobenzene	10.87	284	56399	22.357	nq	92
69) Atrazine	10.96	200	62911	30.928	nq	97
70) Pentachlorophenol	11.07	266	39320	51.993	nq	97
71) Phenanthrene	11.27	178	314169	24.740	nq	97
72) Anthracene	11.33	178	331373	25.432	nq	99
73) Carbazole	11.49	167	310479	26.074	nq	99
74) Di-n-butylphthalate	11.81	149	398795	25.065	nq	98
75) Fluoranthene	12.46	202	335783	26.414	nq	97
77) Benzidine	12.59	184	181277	33.623	nq	97
78) Pyrene	12.69	202	341340	22.135	nq	98
80) Butylbenzylphthalate	13.30	149	173134	22.562	nq	97
81) Benzo(a)anthracene	13.88	228	294524	24.320	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	50985	13.417	nq	96
83) Chrysene	13.92	228	289757	24.414	nq	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	256753	23.885	nq	# 96
85) Di-n-octyl phthalate	14.47	149	440343	26.643	nq	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	249027	28.103	nq	99
88) Benzo(b)fluoranthene	14.92	252	260470	23.663	nq	97
89) Benzo(k)fluoranthene	14.94	252	260982	23.132	nq	98
90) Benzo(a)pyrene	15.26	252	235069	23.488	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	215313	24.881	nq	98
92) Benzo(g,h,i)perylene	17.14	276	208769	25.497	nq	96

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



#1

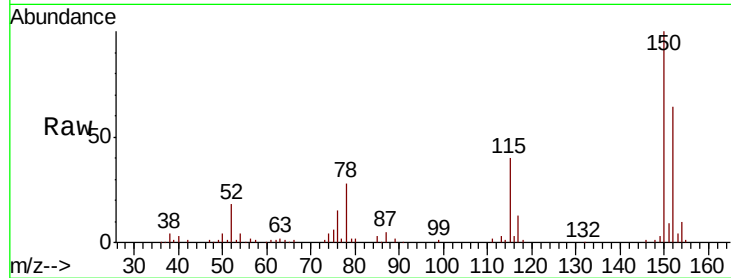
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.8	190.2
115	62.5	51.6	77.4

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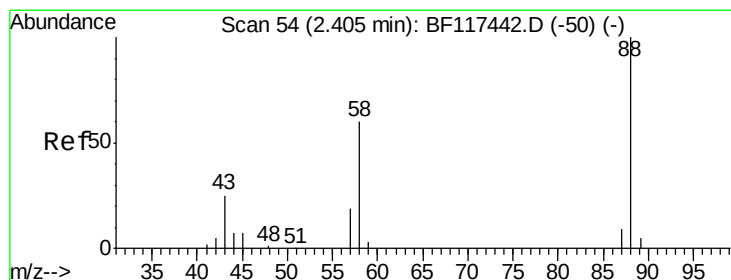
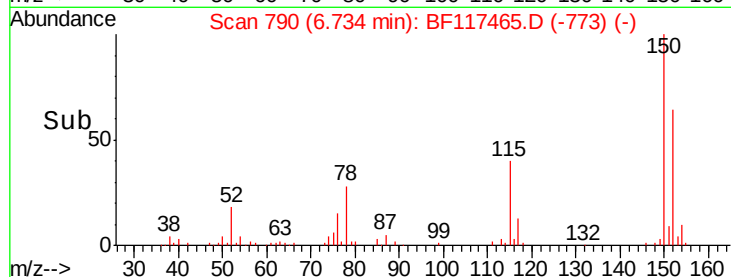
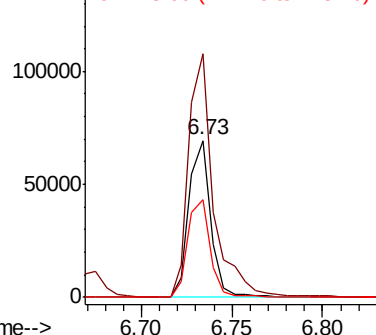


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

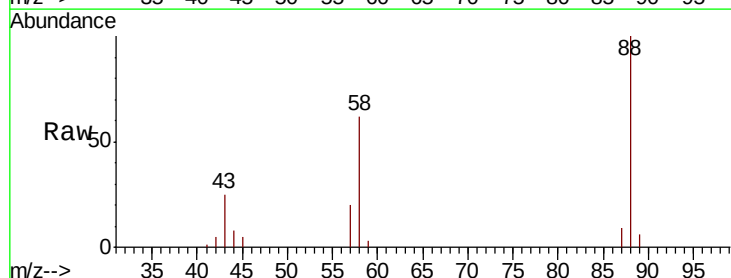
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.344 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	48.8	73.2
43	28.9	18.5	27.7

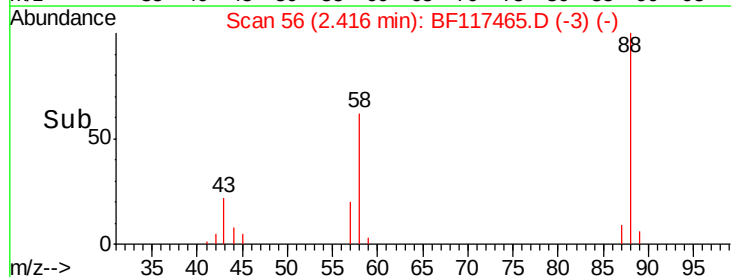
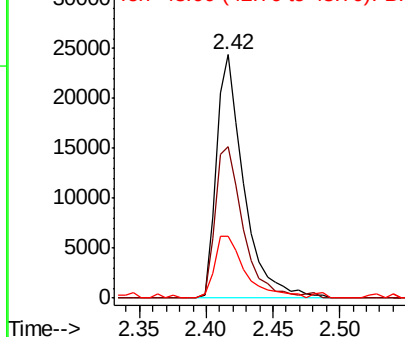


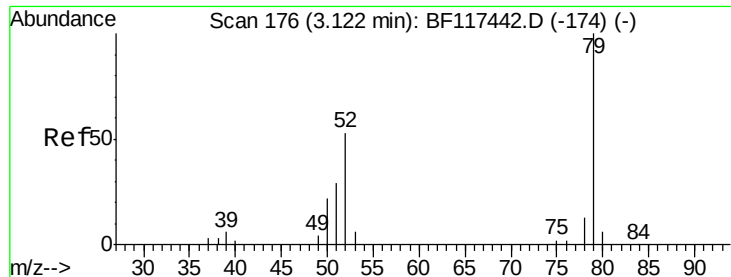
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.026 ng/ml

RT: 3.15 min Scan# 181

Delta R.T. 0.03 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

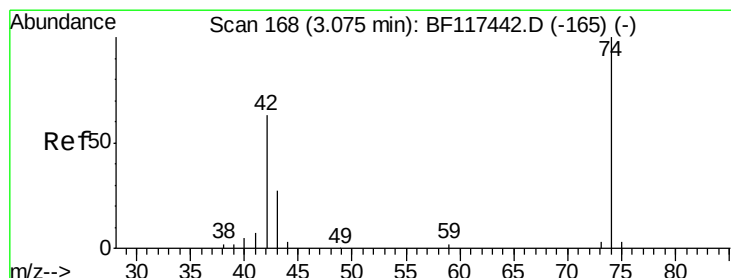
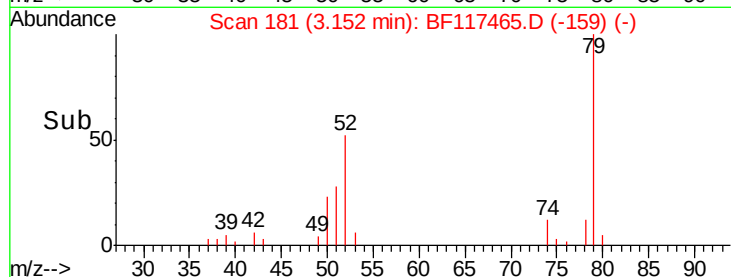
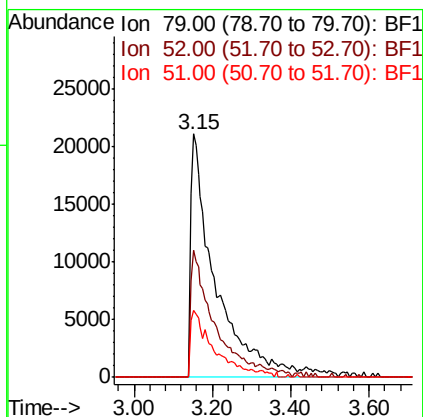
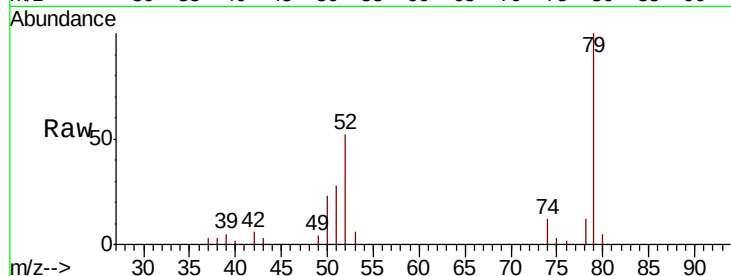
ClientSampleId :

SPMSD

Tot Ion:	79	Resp:	93058
Ion	Ratio	Lower	Upper
79	100		
52	52.4	42.4	63.6
51	27.6	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 25.882 ng/ml

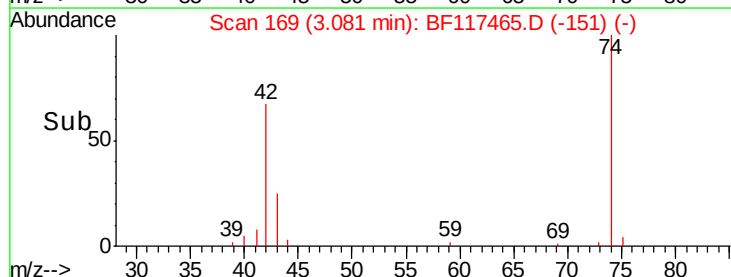
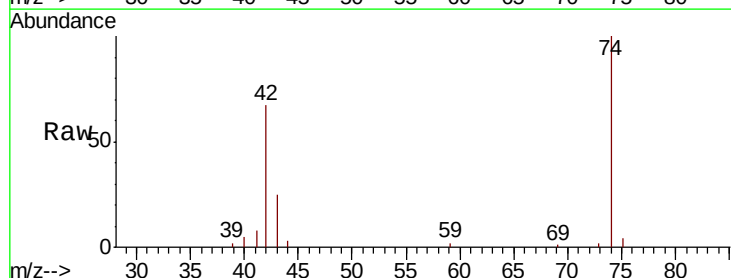
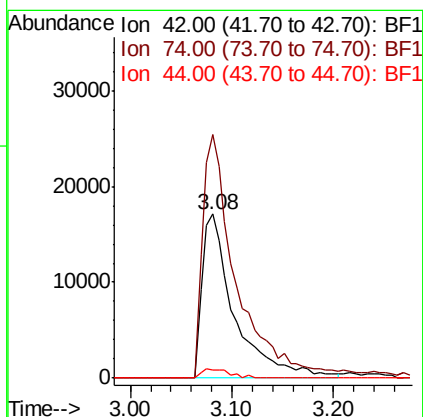
RT: 3.08 min Scan# 169

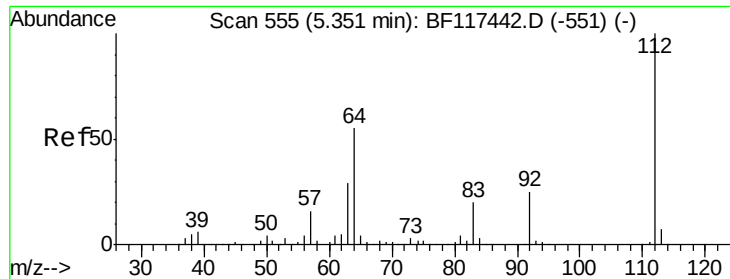
Delta R.T. 0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:	42	Resp:	37948
Ion	Ratio	Lower	Upper
42	100		
74	148.4	124.2	186.4
44	5.1	4.2	6.4





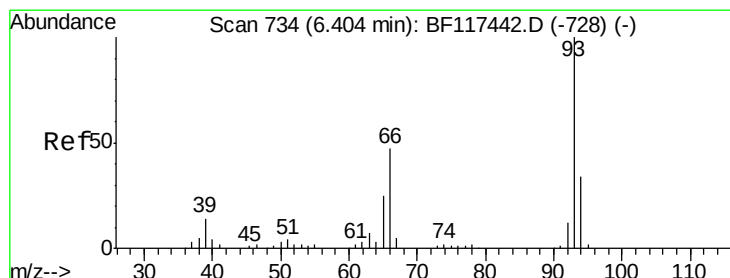
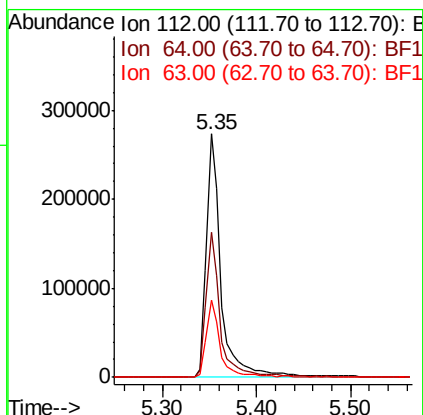
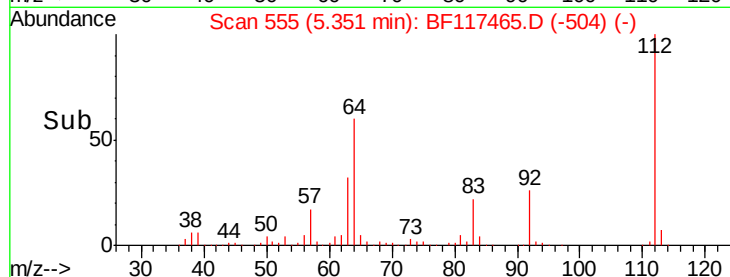
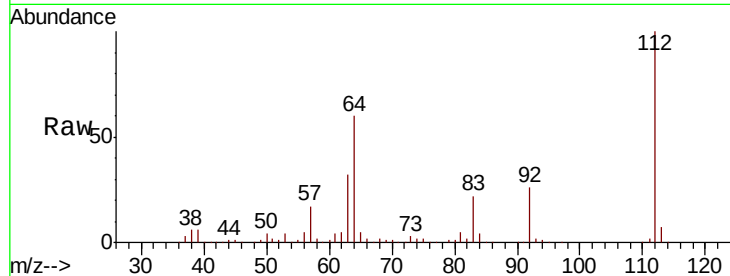
#5
2-Fluorophenol
Concen: 76.836 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.6	44.1	66.1
63	31.6	23.4	35.2

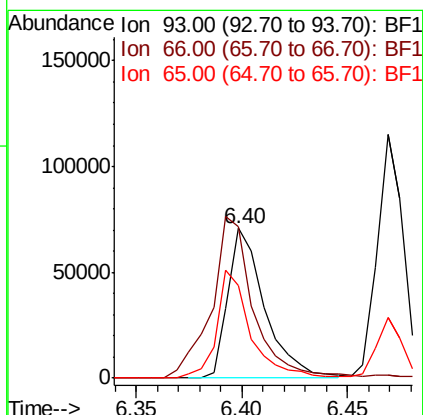
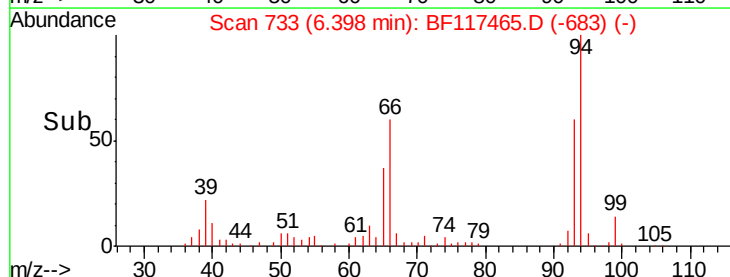
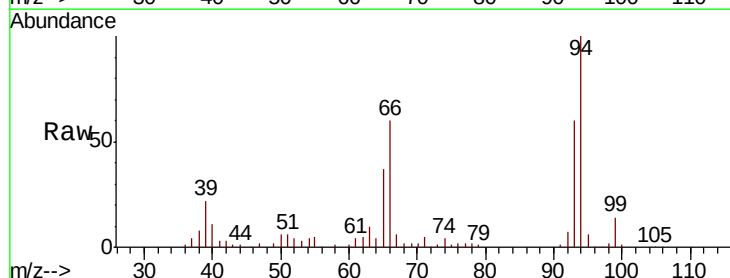
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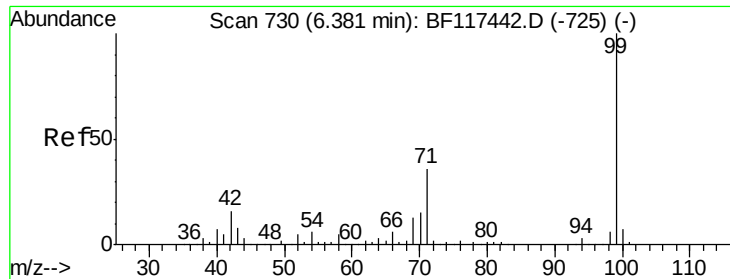
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#6
Aniline
Concen: 13.773 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	101.0	38.7	58.1#
65	61.9	20.1	30.1#





#7

Phenol-d6

Concen: 78.619 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

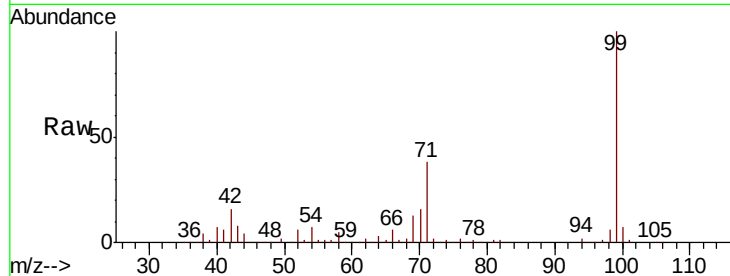
ClientSampled :

SPMSD

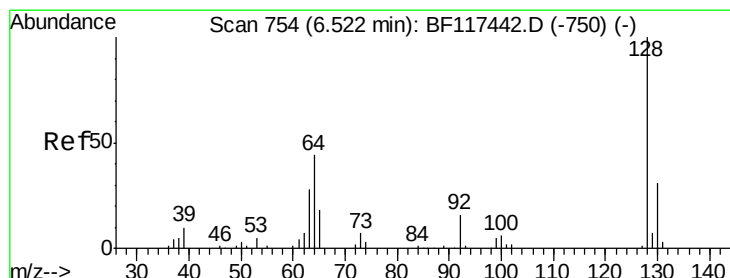
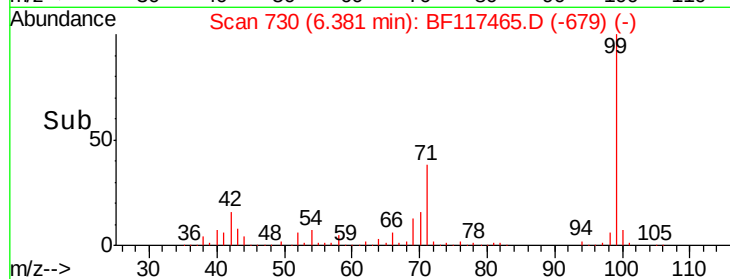
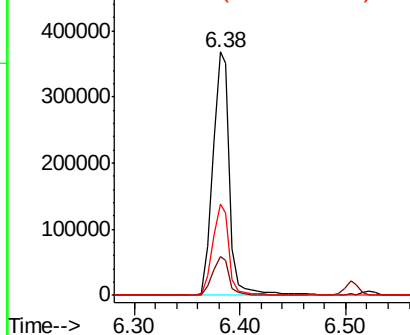
Tot Ion:	99	Resp:	414633
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	37.6	28.6	43.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 25.973 ng

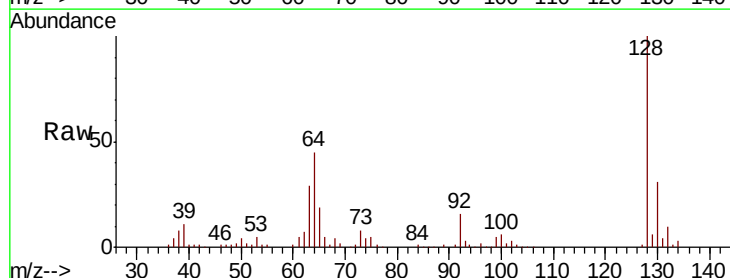
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

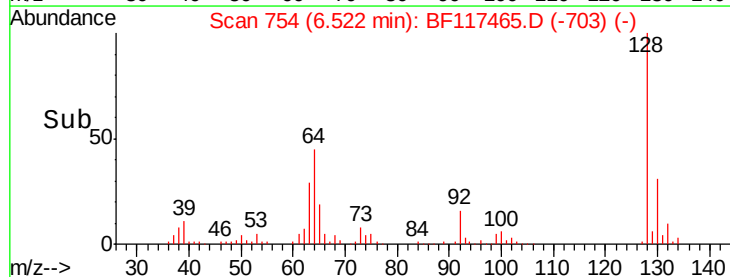
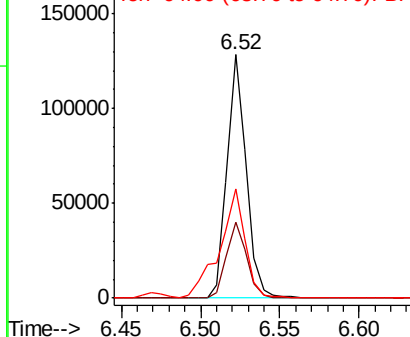
Lab File: BF117465.D

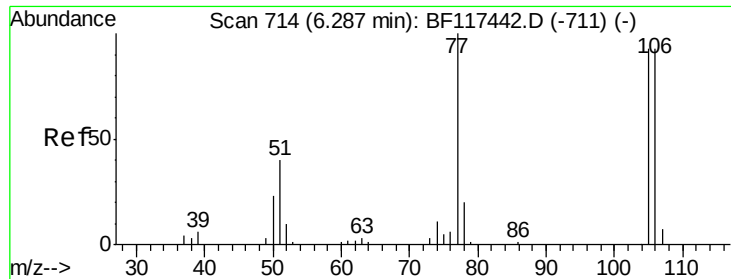
Acq: 21 Oct 2019 23:22

Tgt Ion:	128	Resp:	107619
Ion	Ratio	Lower	Upper
128	100		
130	31.1	11.1	51.1
64	45.0	27.1	67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.451 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

SPMSD

Tot Ion: 77 Resp: 63141

Ion Ratio Lower Upper

77 100

105 96.6 73.4 113.4

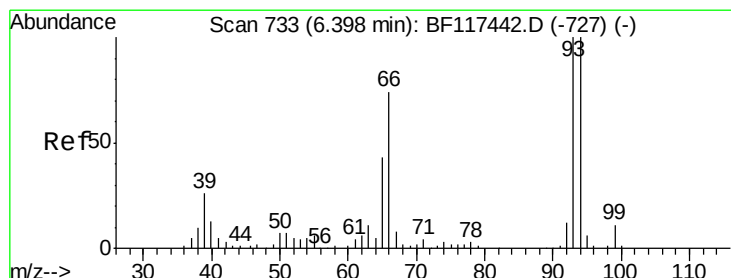
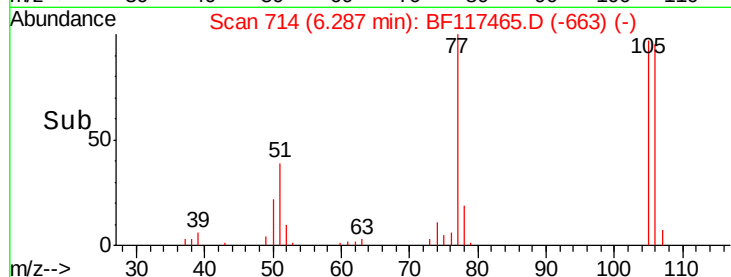
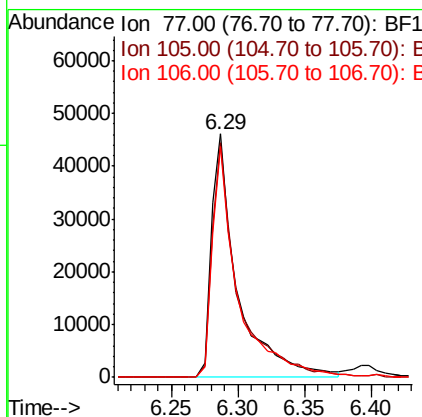
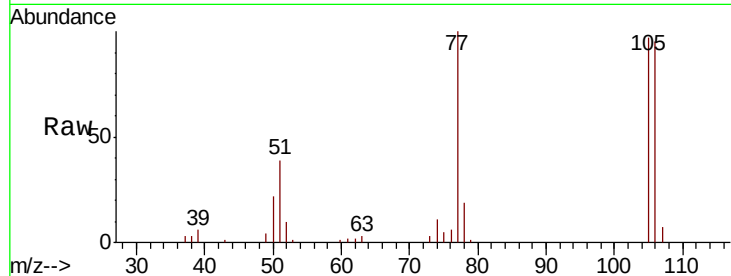
106 94.9 73.0 113.0

Manual Integrations

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#10

Phenol

Concen: 25.916 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

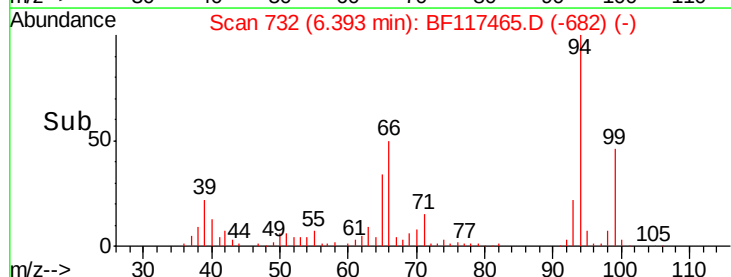
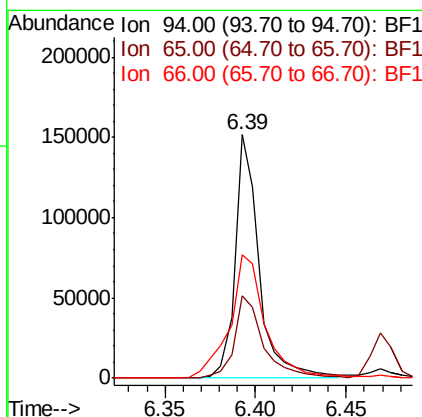
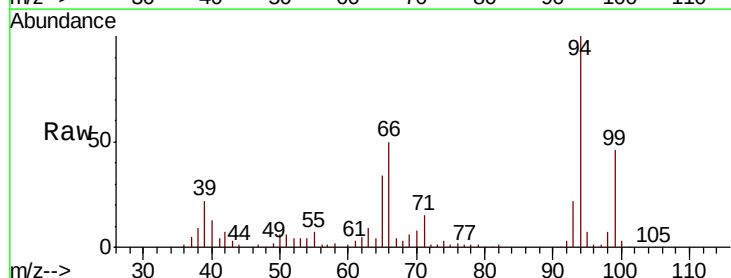
Tgt Ion: 94 Resp: 139501

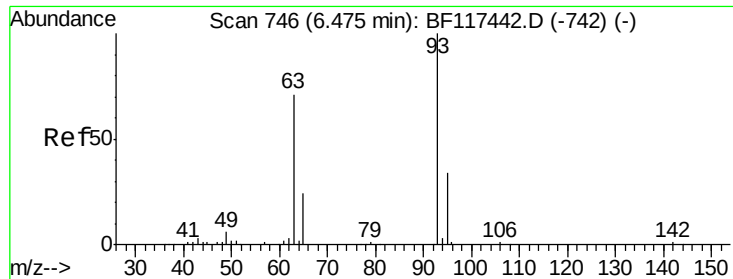
Ion Ratio Lower Upper

94 100

65 33.7 23.4 63.4

66 50.4 54.7 94.7#





#11

bis(2-Chloroethyl)ether

Concen: 25.816 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

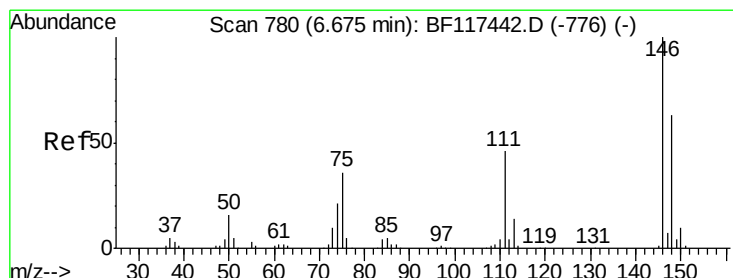
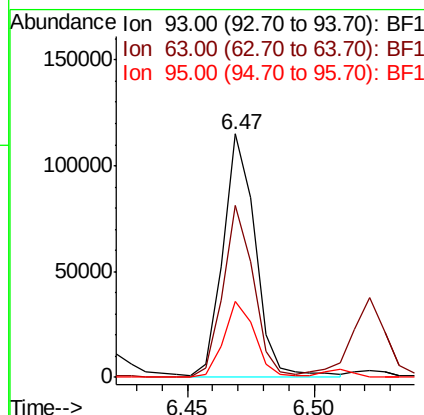
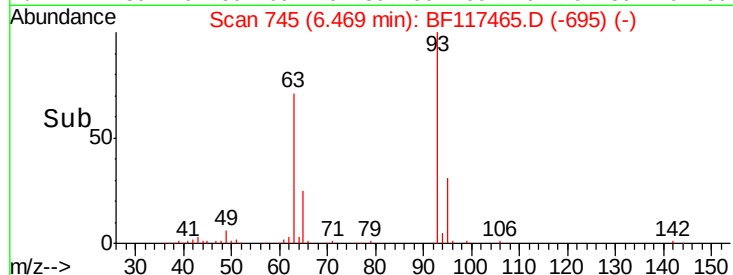
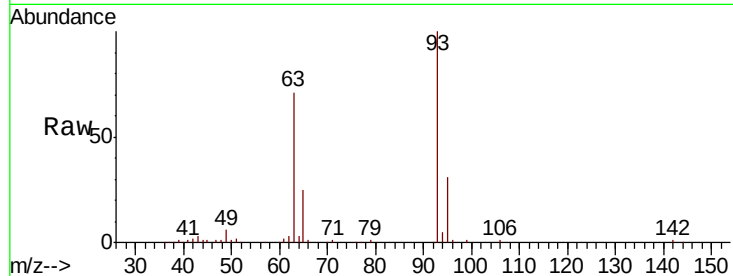
ClientSampleId :

SPMSD

Tot Ion:	93	Resp:	102784
Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.2	90.2
95	31.3	13.9	53.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 23.496 ng

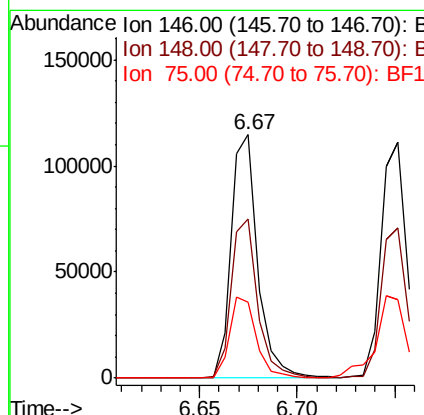
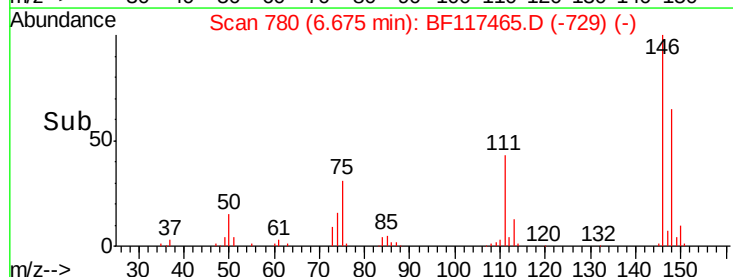
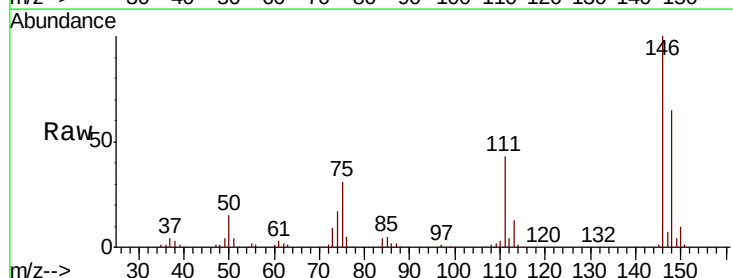
RT: 6.67 min Scan# 780

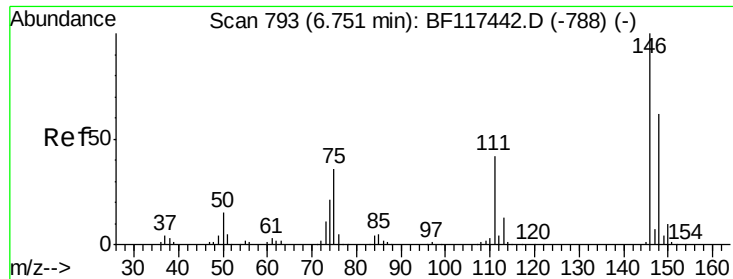
Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:	146	Resp:	108642
Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	75.8
75	31.2	28.6	43.0





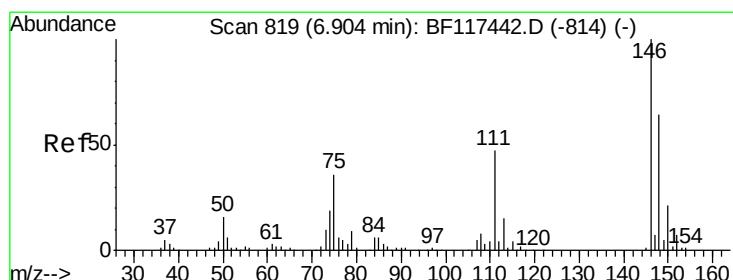
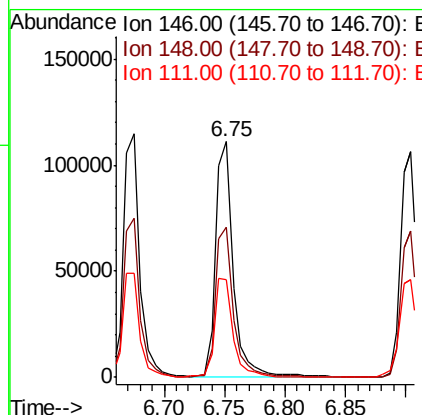
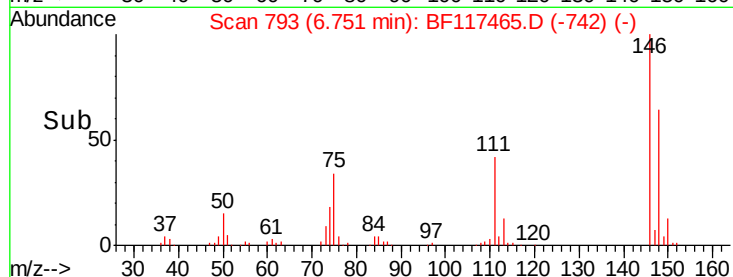
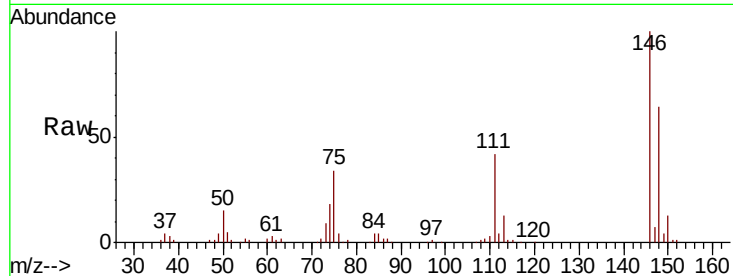
#13
 1,4-Dichlorobenzene
 Concen: 23.784 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.3	73.9
111	41.7	33.6	50.4

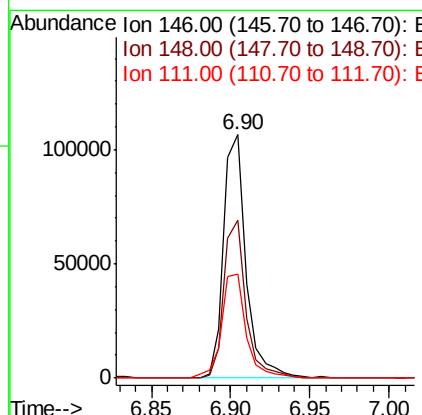
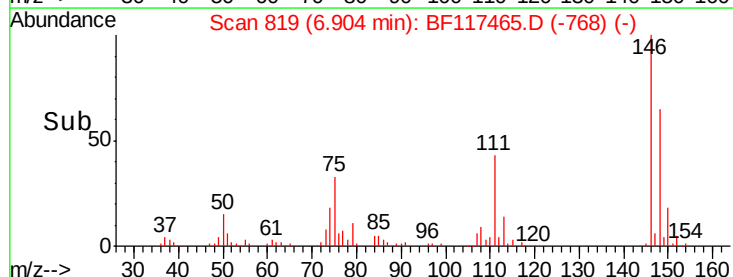
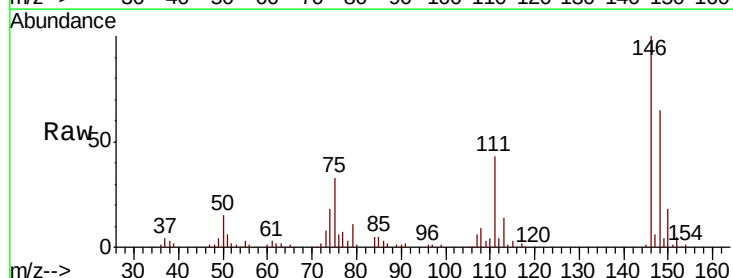
Manual Integrations
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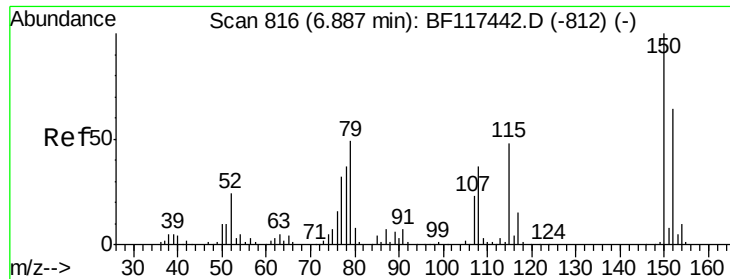
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#14
 1,2-Dichlorobenzene
 Concen: 23.742 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	43.0	37.7	56.5





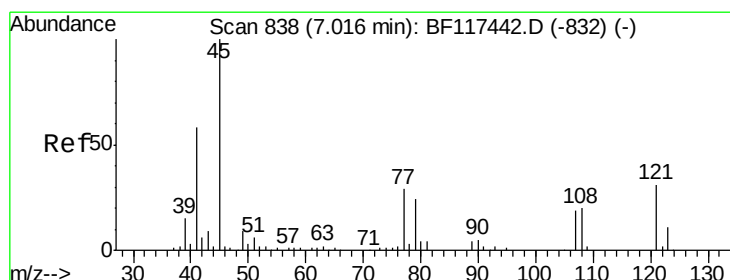
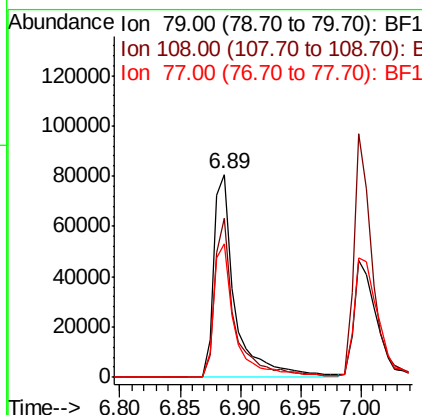
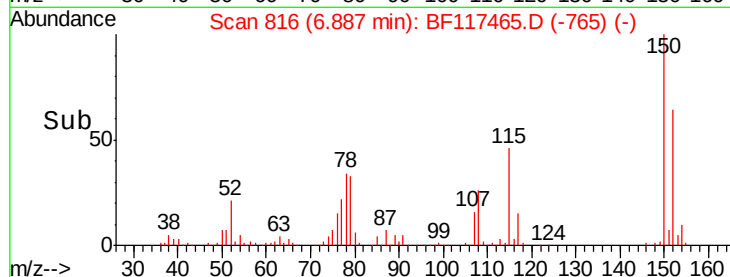
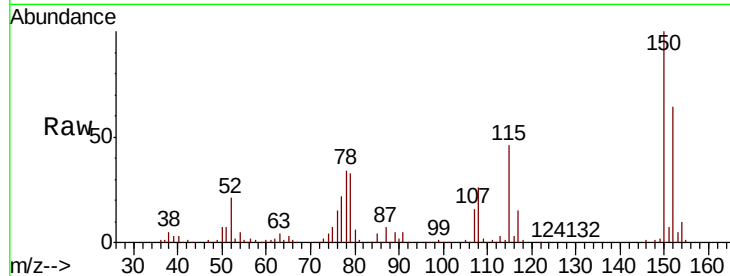
#15
Benzyl Alcohol
Concen: 25.958 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	59.8	89.8
77	66.0	51.4	77.0

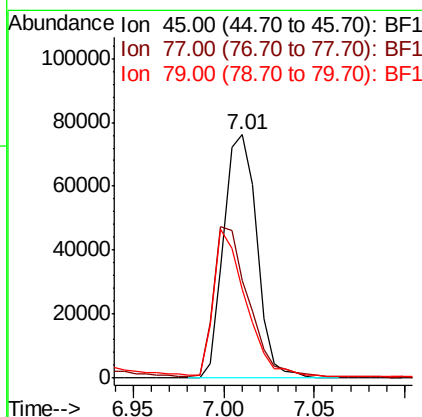
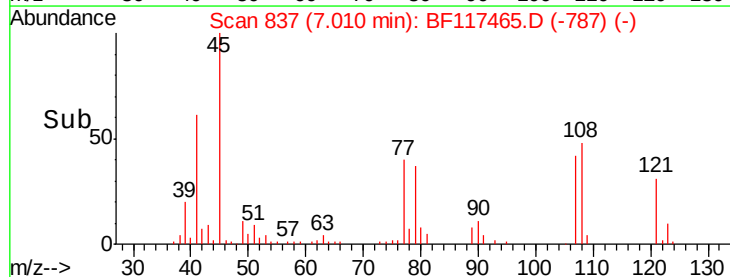
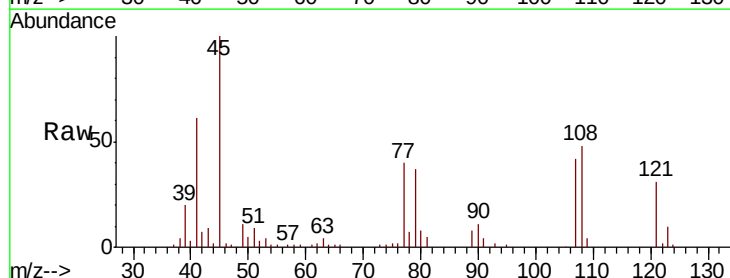
Manual Integrations
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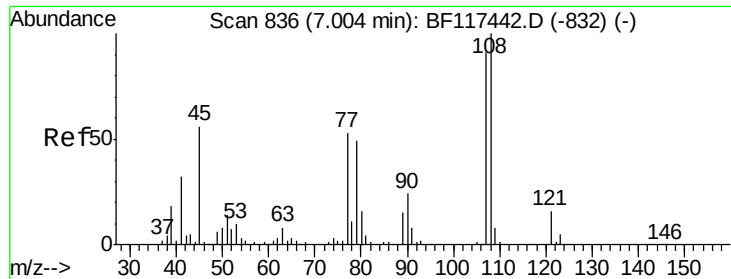
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#16
2,2'-oxybis(1-chloropropane)
Concen: 22.671 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.4	9.9	49.9
79	36.5	5.5	45.5





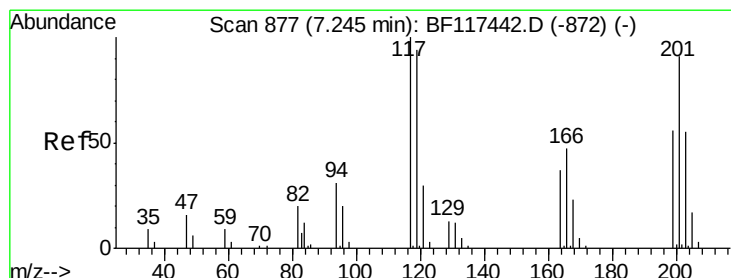
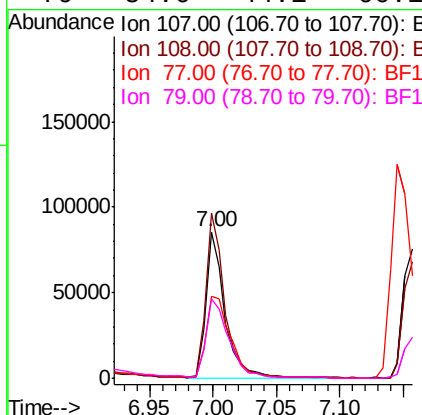
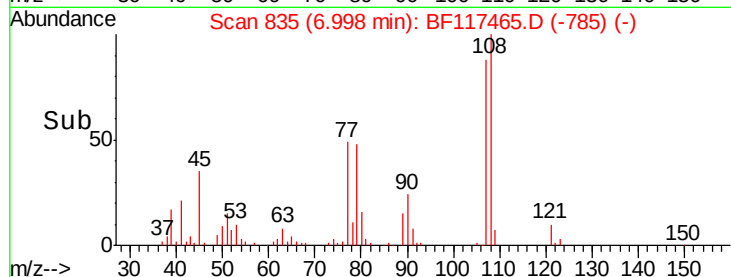
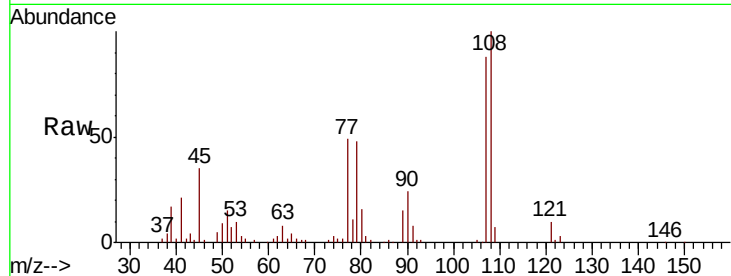
#17
2-Methylphenol
Concen: 26.141 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion:	107	Resp:	89102
Ion Ratio	Lower	Upper	
107	100		
108	113.3	88.0	132.0
77	55.6	47.2	70.8
79	54.6	44.1	66.1

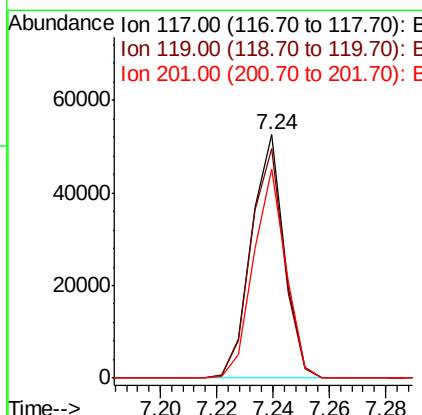
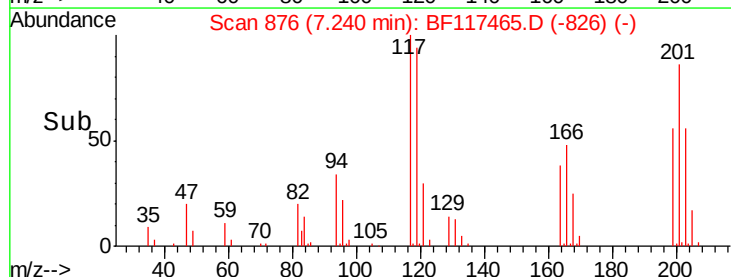
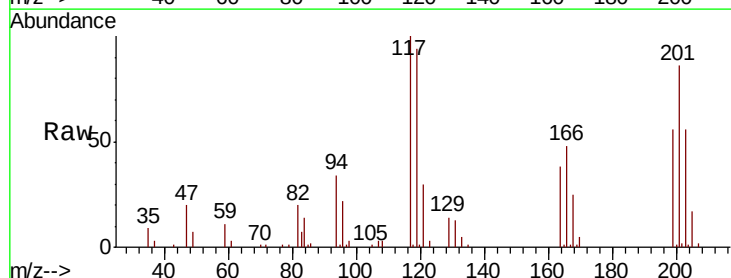
Manual Integrations
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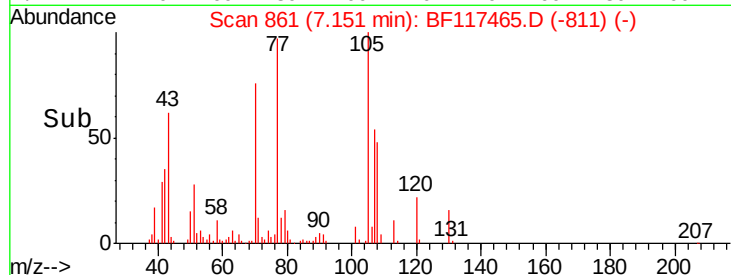
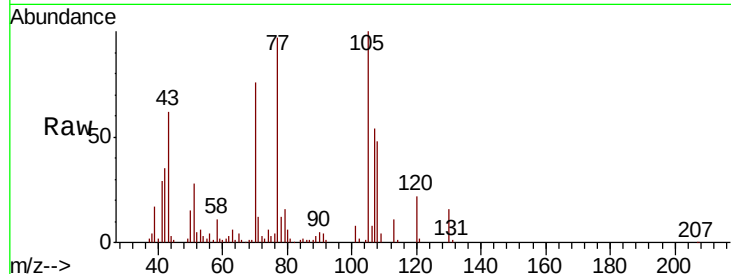
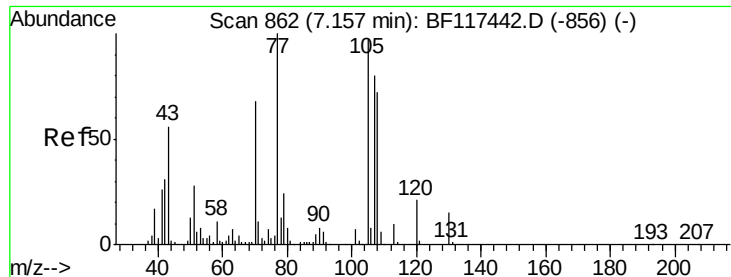
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#18
Hexachloroethane
Concen: 23.158 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:	117	Resp:	42399
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.4	113.0
201	86.1	72.5	108.7





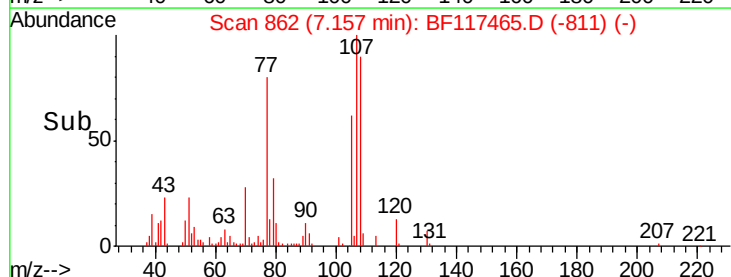
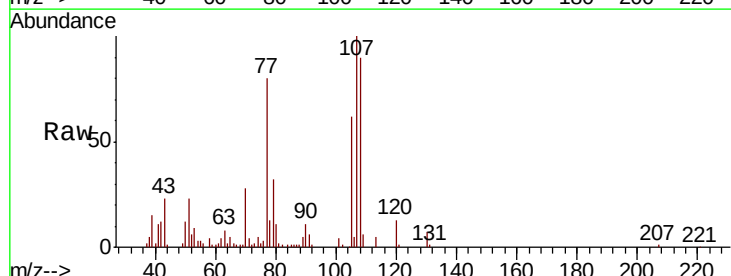
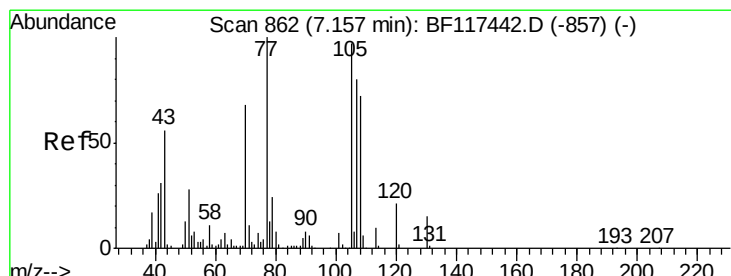
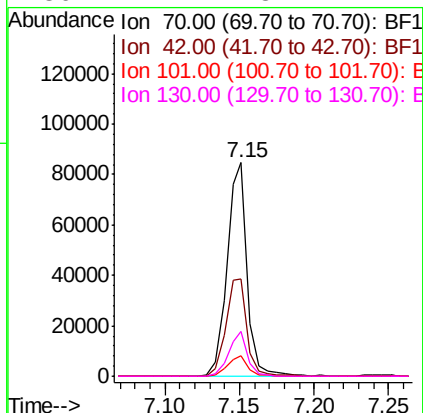
#19
n-Nitroso-di-n-propylamine
Concen: 24.916 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.7	36.7	55.1	
101	9.9	8.3	12.5	
130	21.1	18.1	27.1	

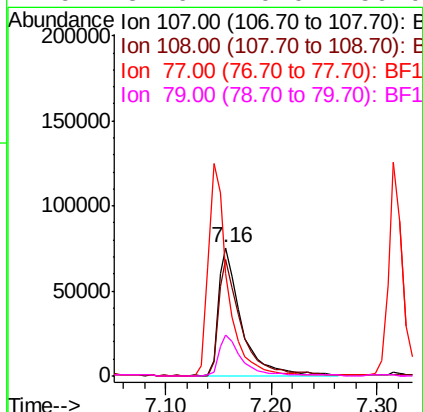
Manual Integrations
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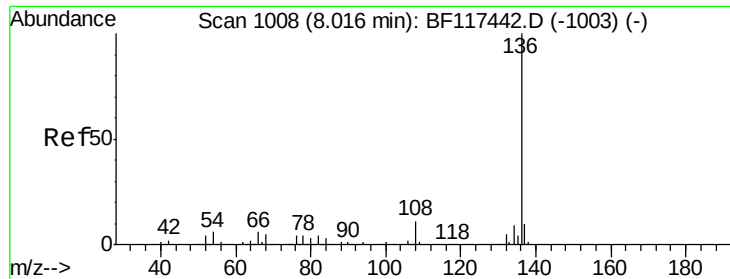
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#20
3+4-Methylphenols
Concen: 25.895 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	70.3	110.3	
77	79.6	104.8	144.8#	
79	31.6	10.0	50.0	





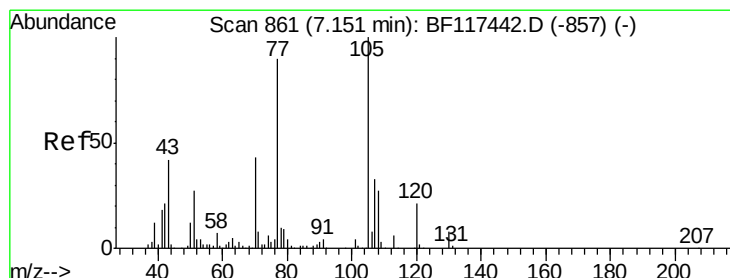
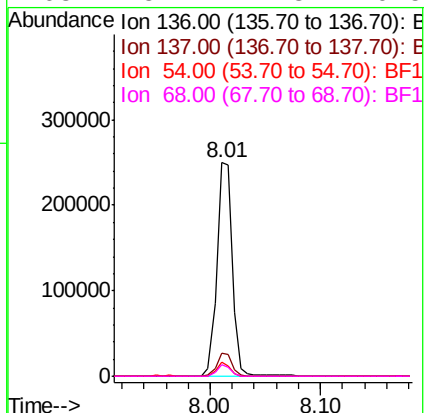
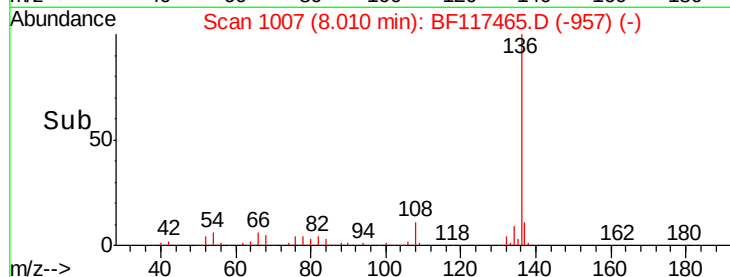
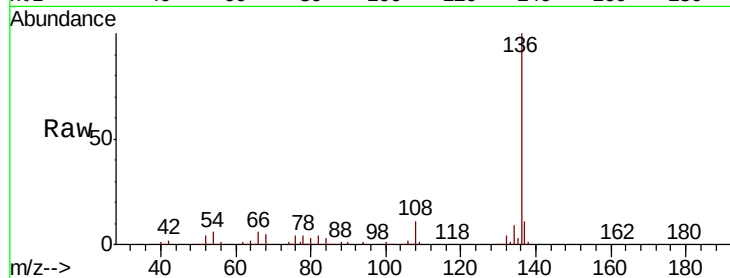
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	243948		
137	10.7	8.2	12.4	
54	6.4	4.5	6.7	
68	5.2	4.3	6.5	

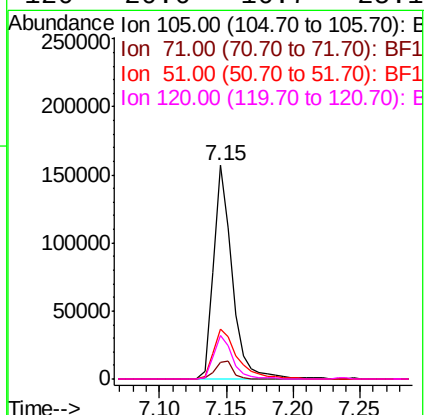
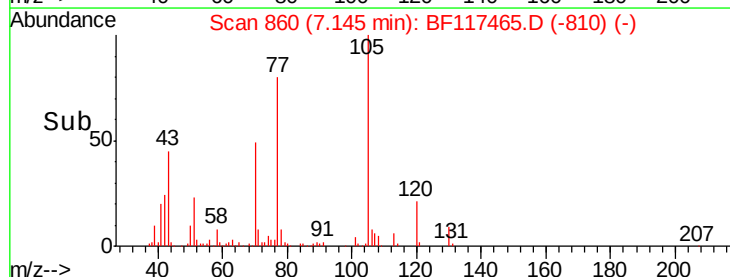
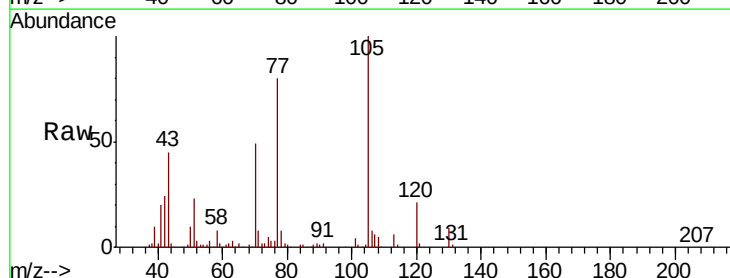
Manual Integrations
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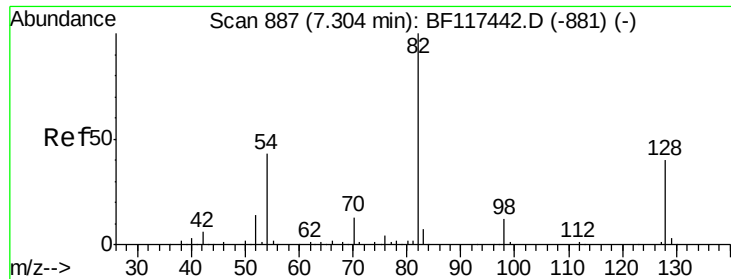
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#22
Acetophenone
Concen: 24.050 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155788		
71	8.0	6.2	9.2	
51	23.3	21.8	32.6	
120	20.6	16.7	25.1	





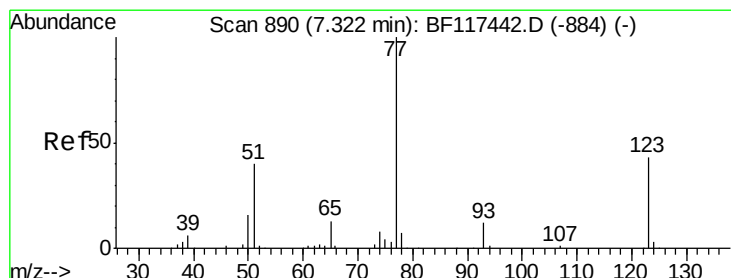
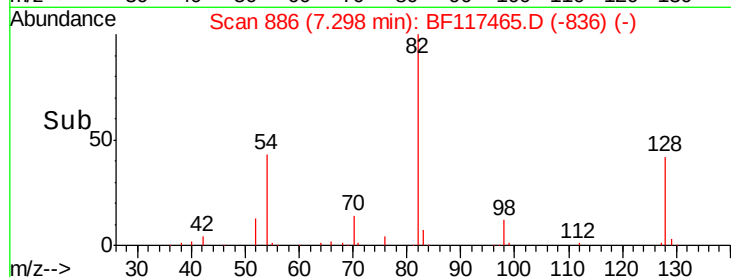
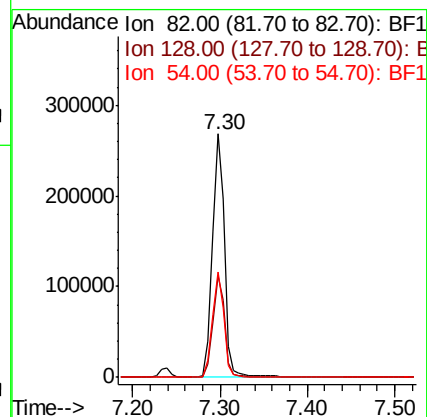
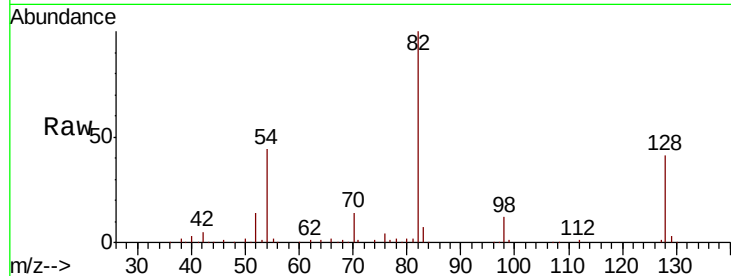
#23
 Nitrobenzene-d5
 Concen: 52.436 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	259107		
128	41.5		32.2	48.2
54	43.5		34.2	51.2

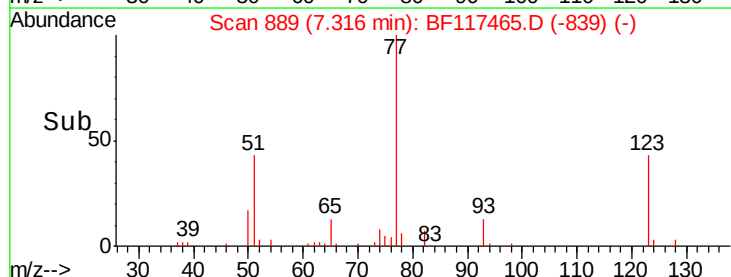
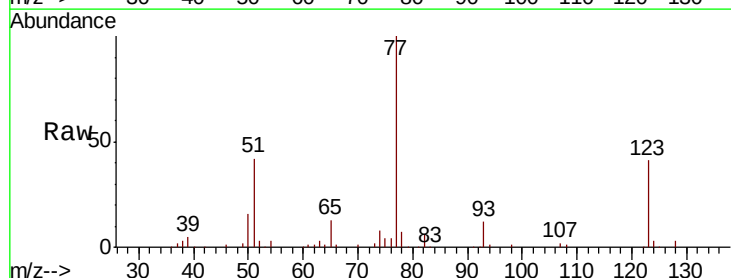
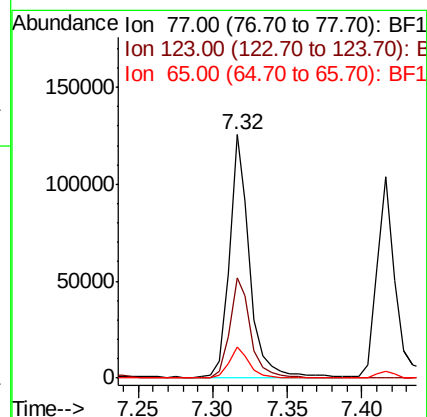
Manual Integrations
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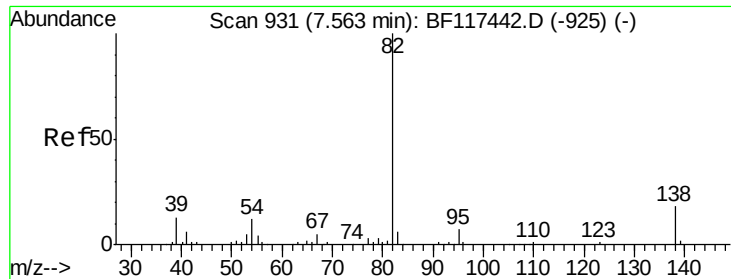
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#24
 Nitrobenzene
 Concen: 24.972 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	118188		
123	41.4		34.2	51.2
65	12.8		10.3	15.5





#25

Isophorone

Concen: 25.229 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

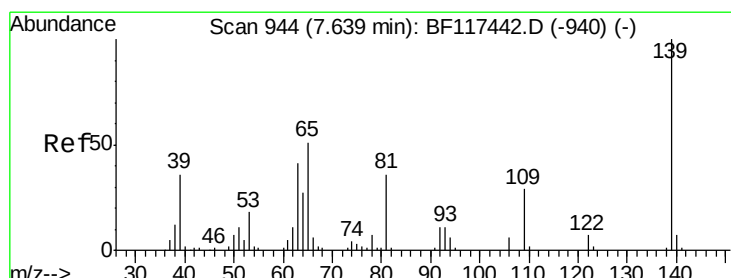
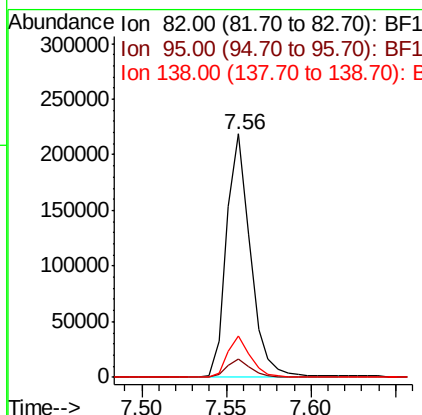
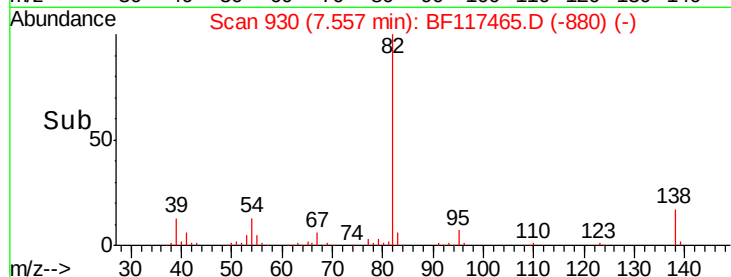
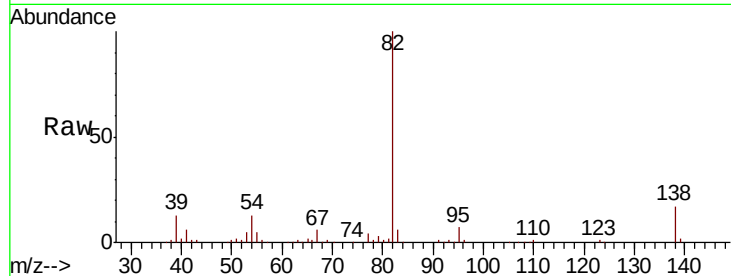
ClientSampleId :

SPMSD

Tot Ion:	82	Resp:	215666
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.0
138	17.2	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 25.685 ng

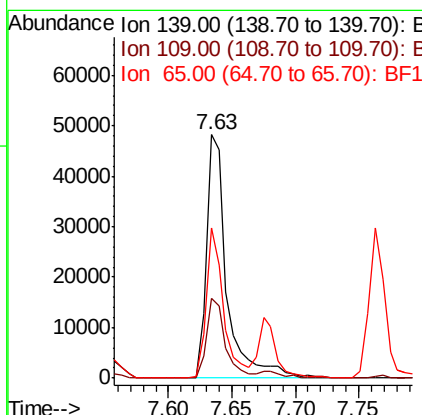
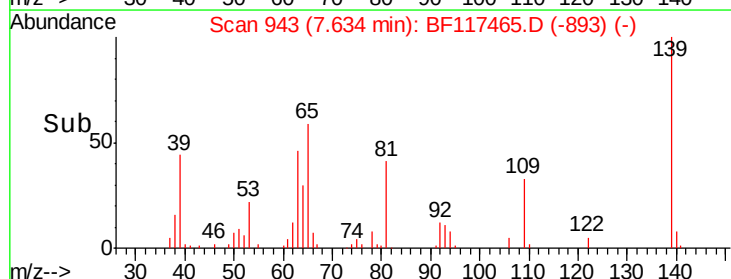
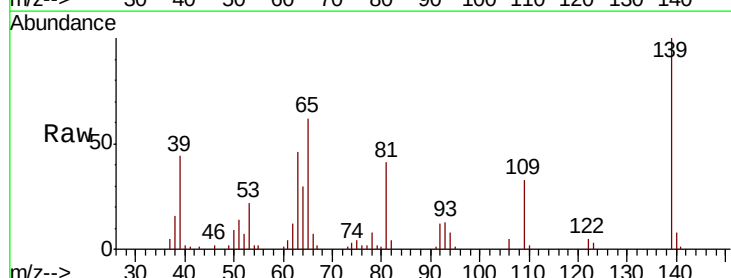
RT: 7.63 min Scan# 943

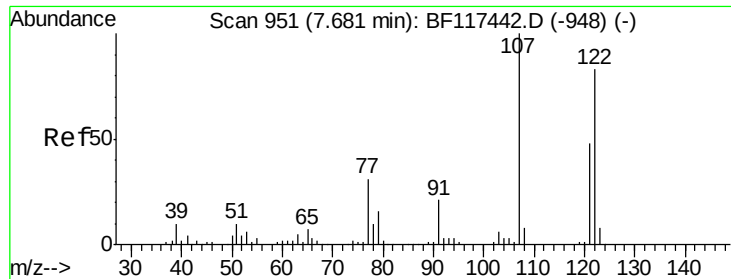
Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:	139	Resp:	54217
Ion Ratio	Lower	Upper	
139	100		
109	32.8	23.2	34.8
65	61.5	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 28.602 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

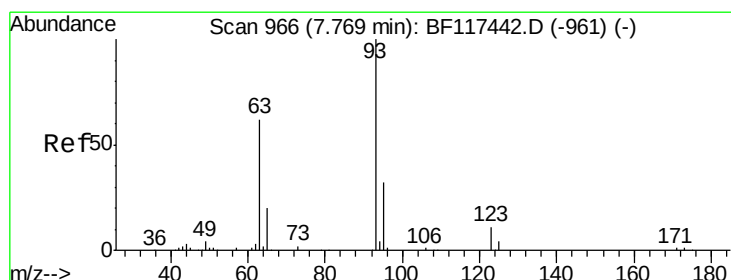
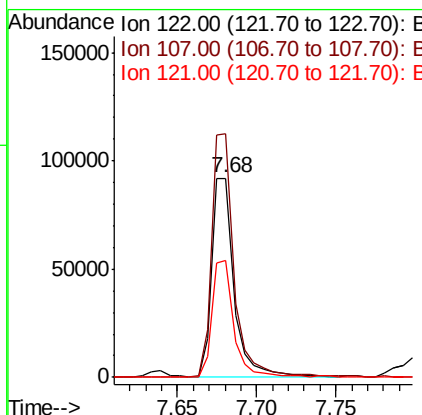
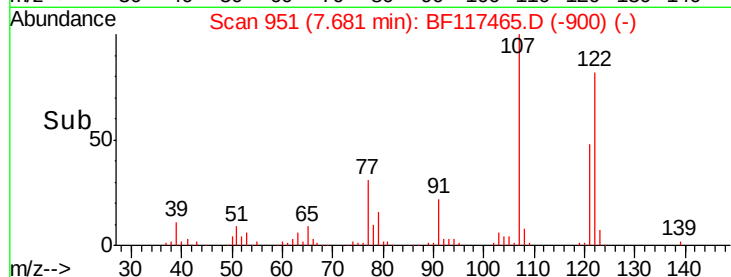
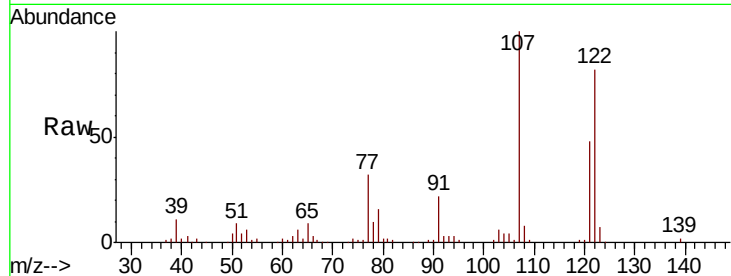
ClientSampled :

SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	122.2	96.8	145.2		
121	58.8	46.4	69.6		

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 23.910 ng

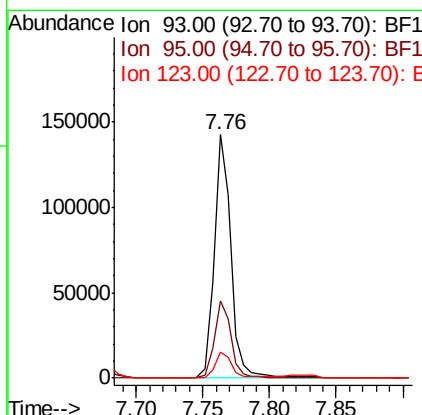
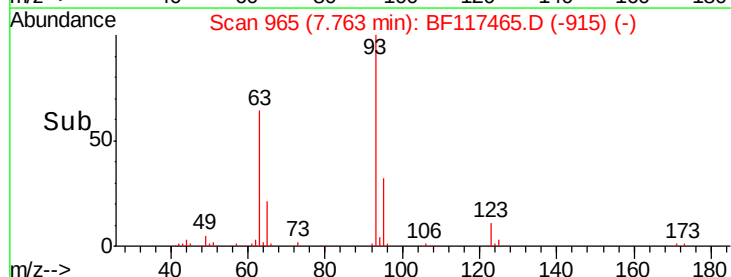
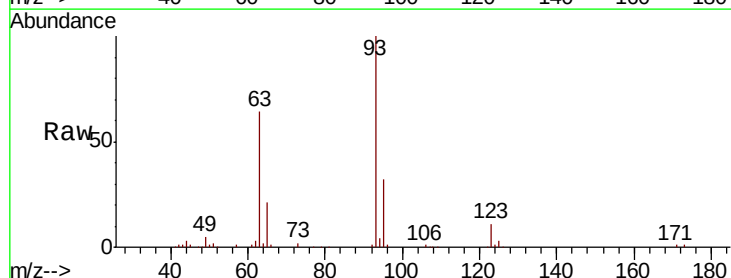
RT: 7.76 min Scan# 965

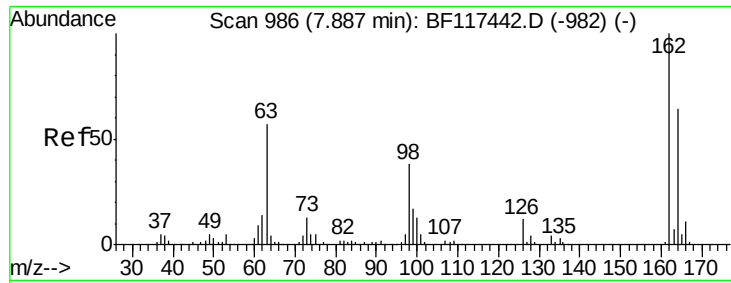
Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.9	25.5	38.3		
123	10.8	9.0	13.6		





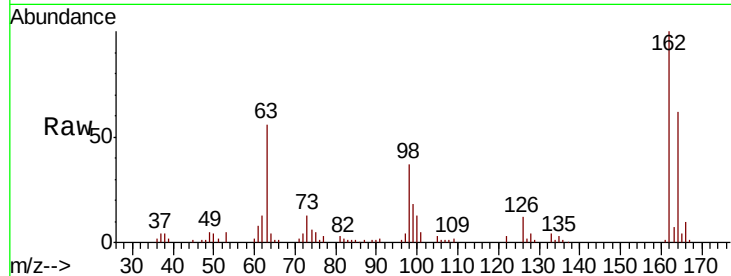
#29
2,4-Dichlorophenol
Concen: 26.049 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	44.4	84.4
98	37.2	18.2	58.2

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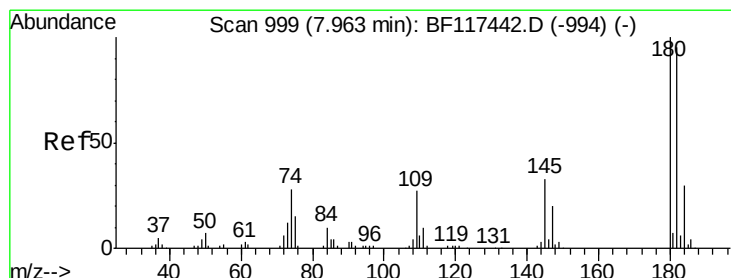
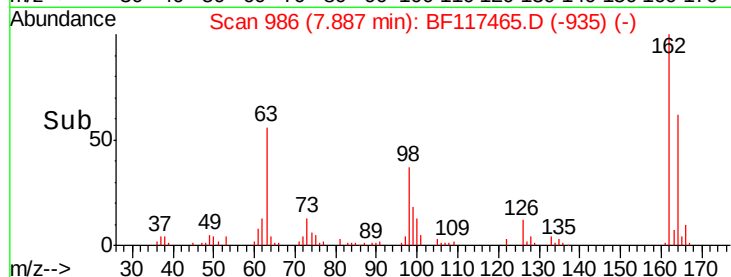
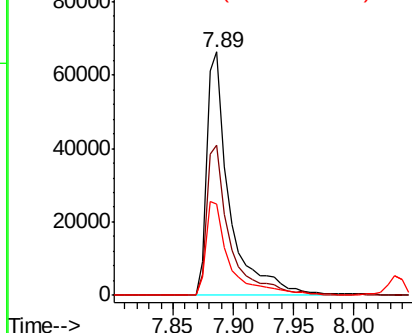


Abundance

Ion 162.00 (161.70 to 162.70): E

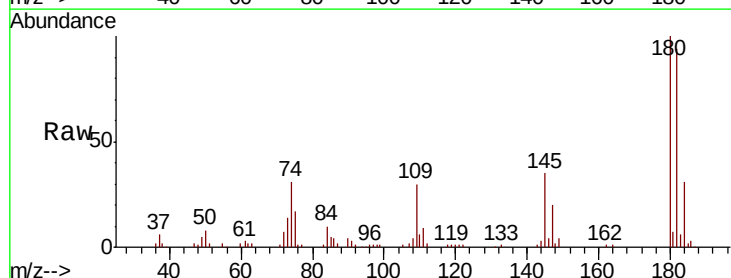
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 24.258 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.8
145	34.7	26.5	39.7

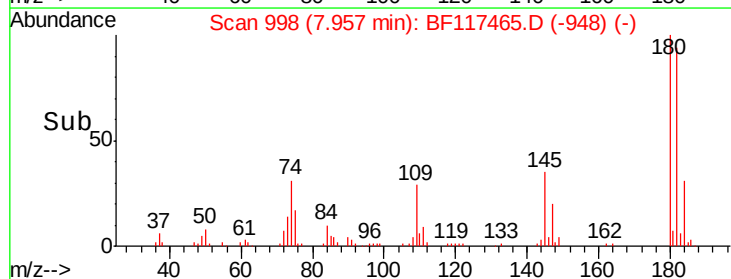
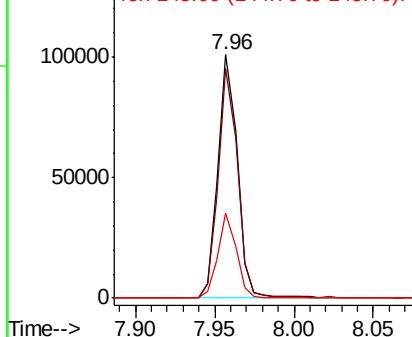


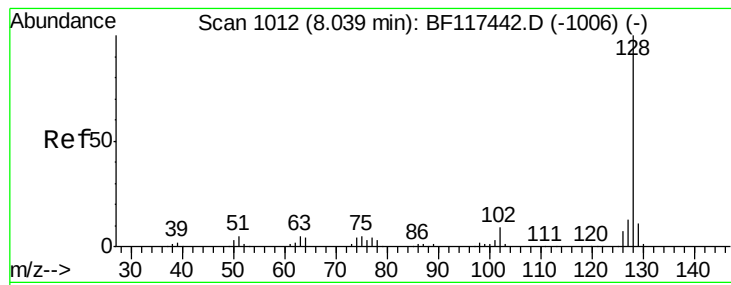
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.669 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

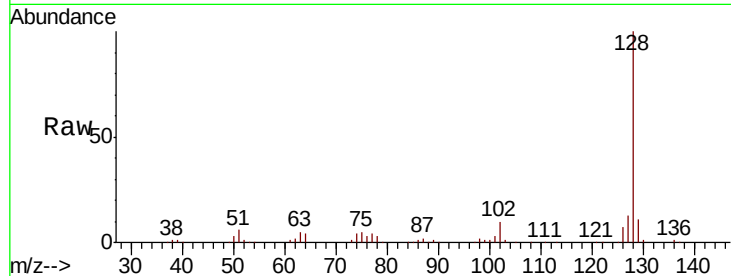
ClientSampleId :

SPMSD

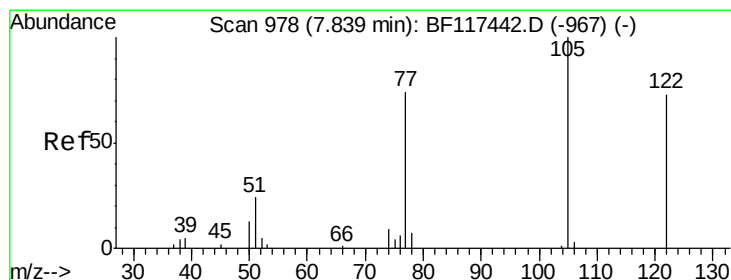
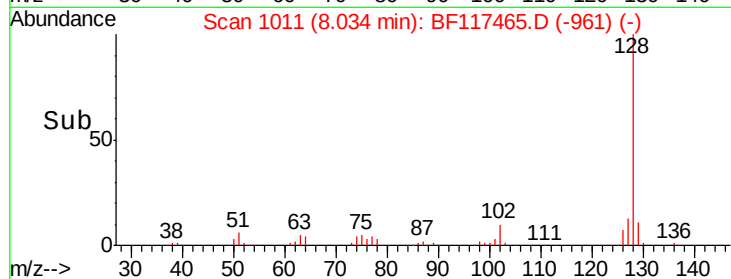
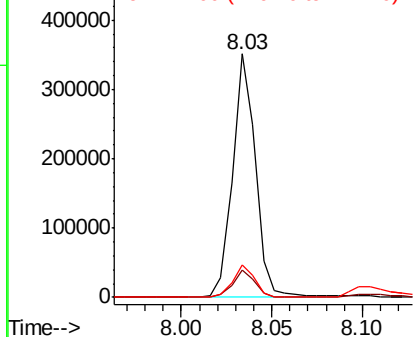
Tot Ion:	128	Resp:	310383
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	13.2	10.2	15.2

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



#32

Benzoic acid

Concen: 22.841 ng

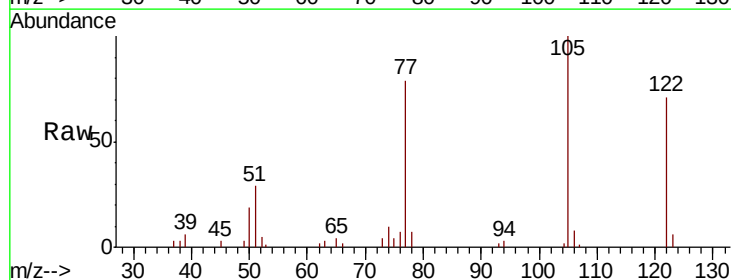
RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

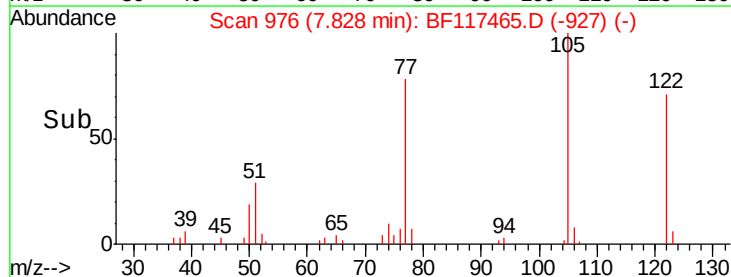
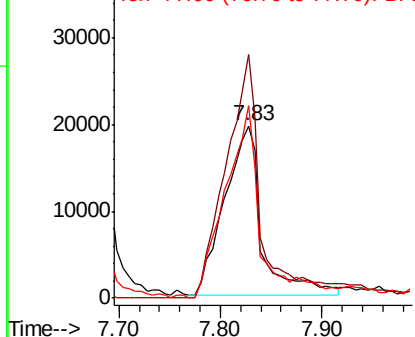
Lab File: BF117465.D

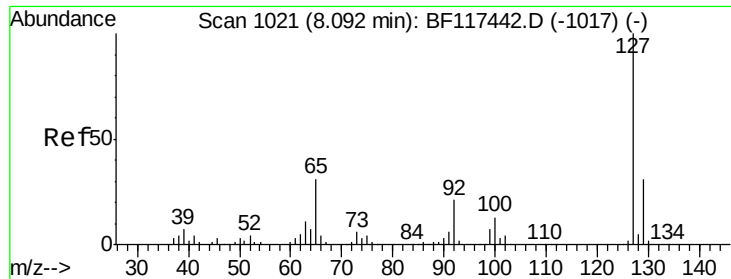
Acq: 21 Oct 2019 23:22

Tgt Ion:	122	Resp:	49353
Ion Ratio	Lower	Upper	
122	100		
105	141.1	115.0	155.0
77	111.3	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





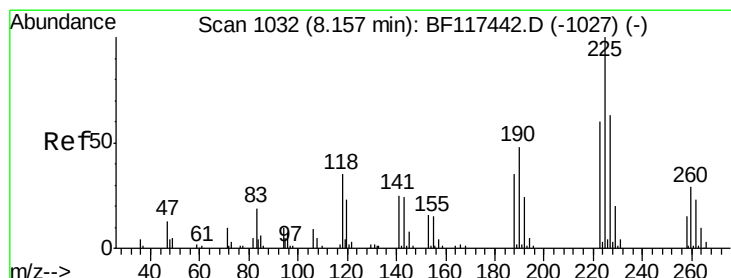
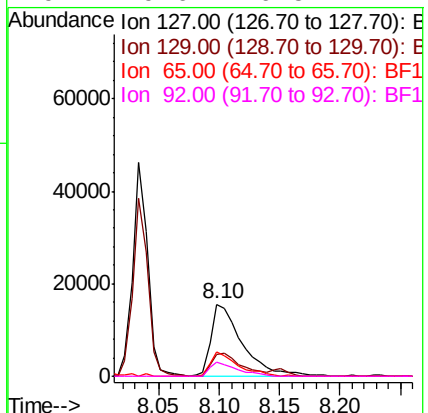
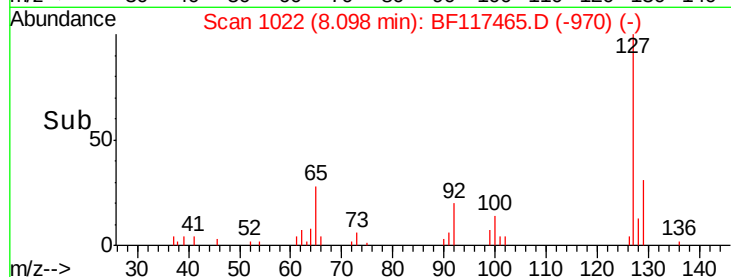
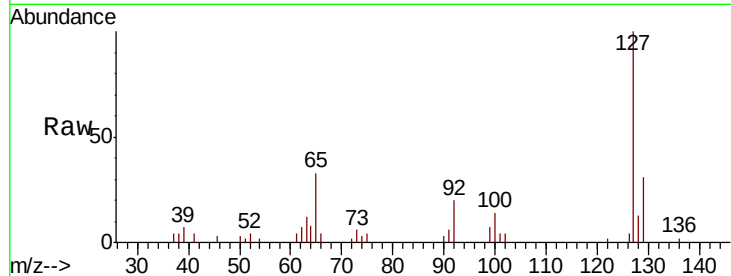
#33
4-Chloroaniline
Concen: 5.488 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.6	24.8	37.2	
65	33.1	24.6	37.0	
92	19.6	16.5	24.7	

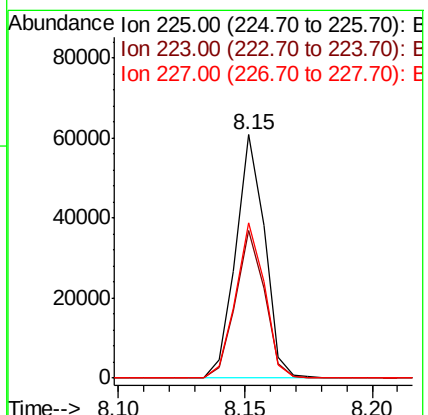
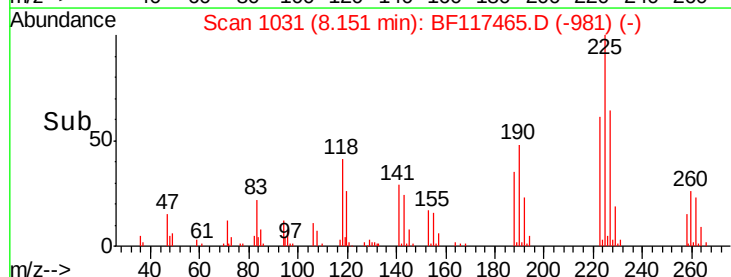
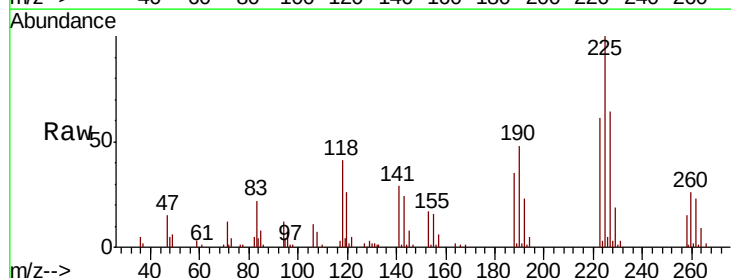
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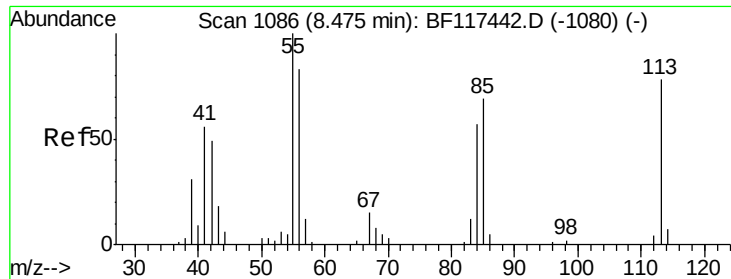
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#34
Hexachlorobutadiene
Concen: 23.395 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.8	48.2	72.4	
227	63.6	50.2	75.4	





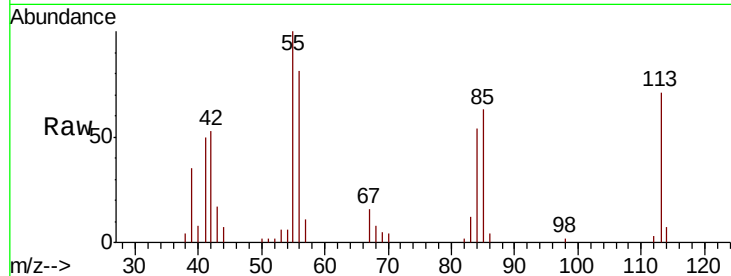
#35
Caprolactam
Concen: 27.096 ng/ml
RT: 8.46 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleID :
SPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.5	108.8	148.8
56	114.2	87.2	127.2

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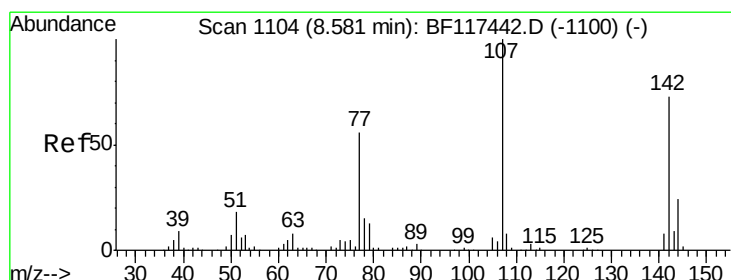
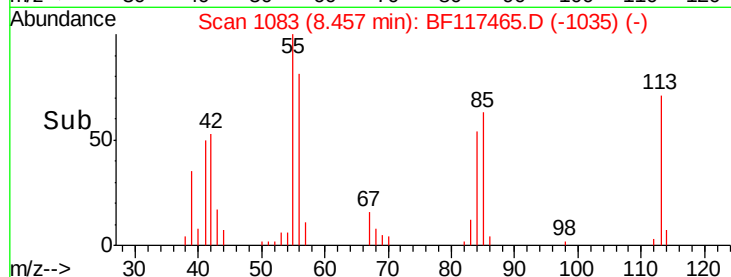
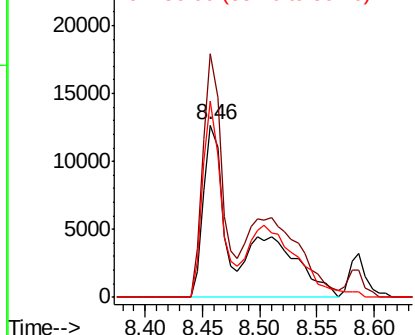


Abundance

Ion 113.00 (112.70 to 113.70): E

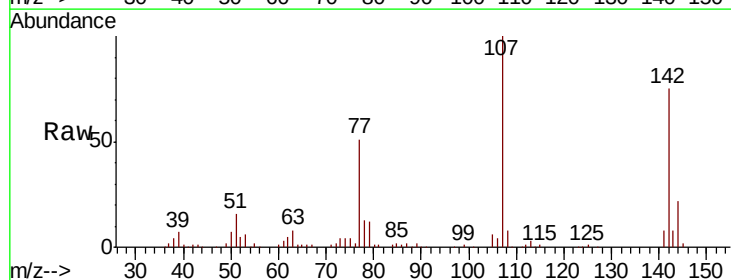
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 27.280 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	18.9	28.3
142	74.5	58.6	88.0

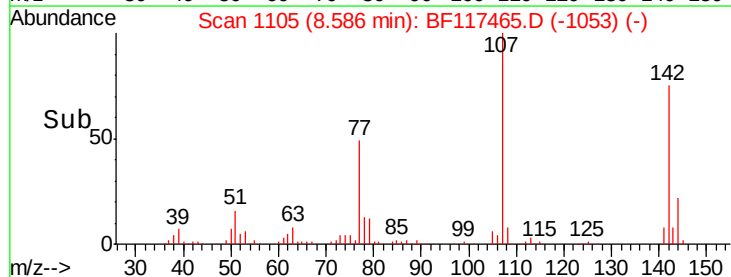
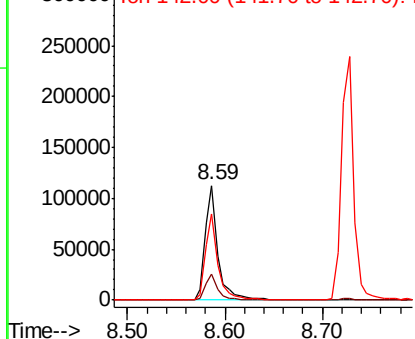


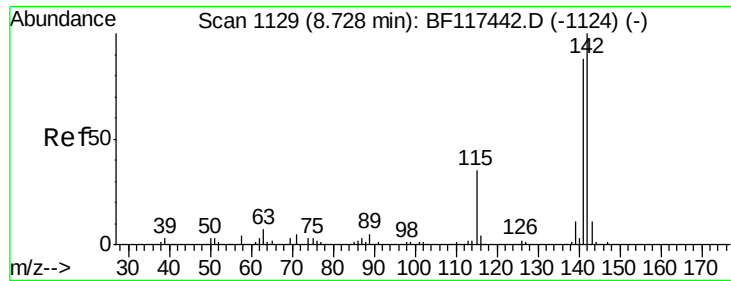
Abundance

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





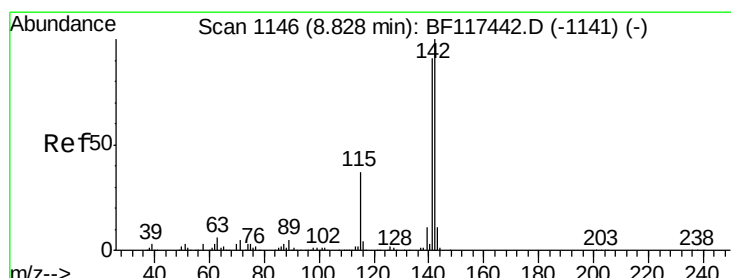
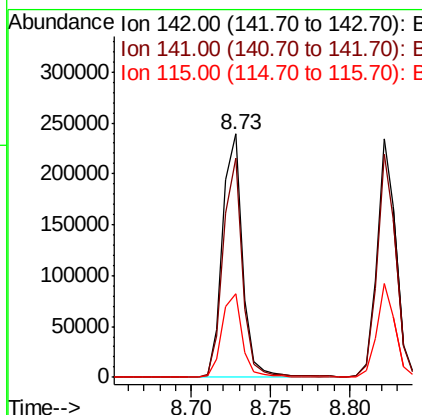
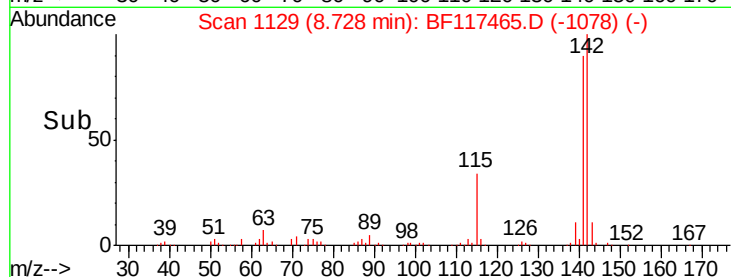
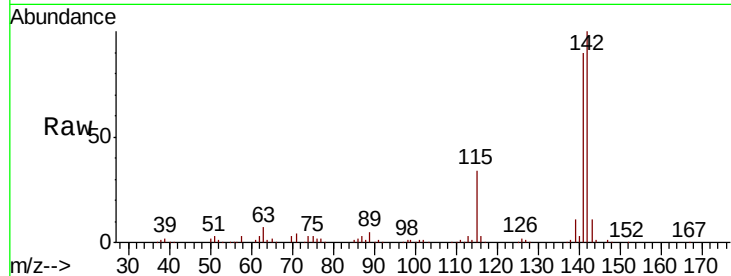
#37
2-Methylnaphthalene
Concen: 25.787 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	34.4	28.2	42.2

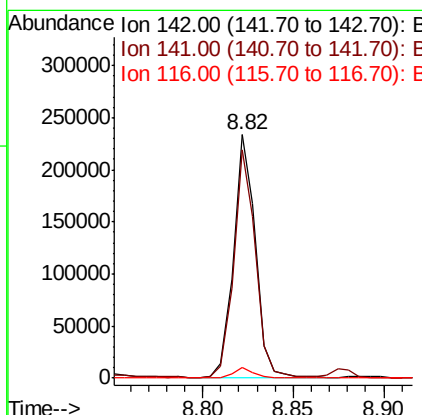
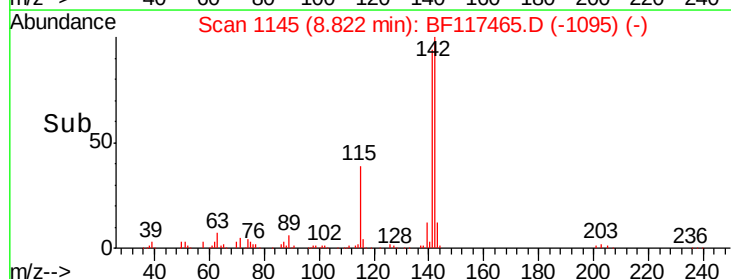
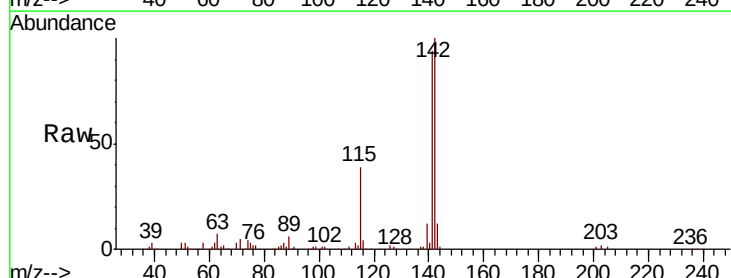
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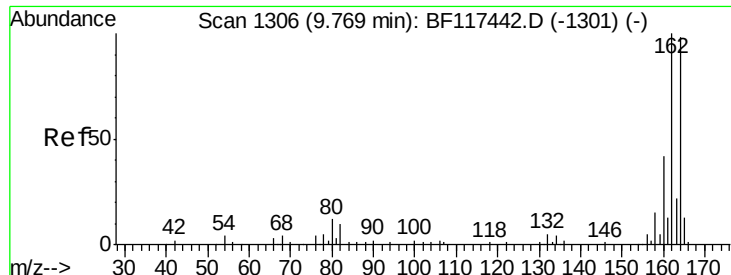
mohammad
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#38
1-Methylnaphthalene
Concen: 25.433 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.3	109.9
116	4.2	3.1	4.7





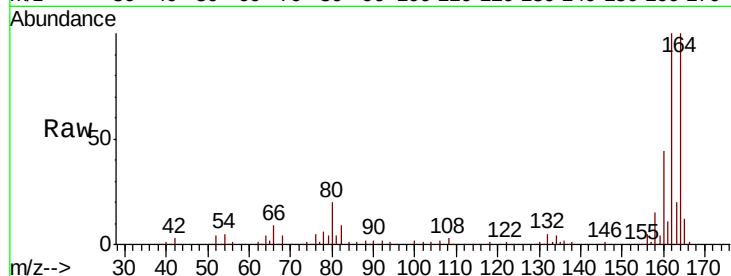
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.8	122.6
160	43.8	34.4	51.6

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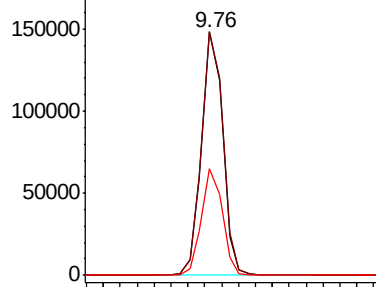


Abundance

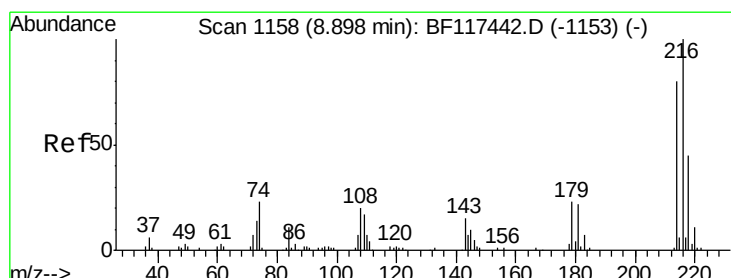
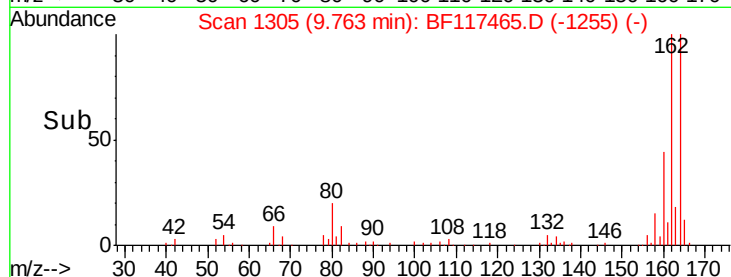
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.166 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.9	62.4	93.6
179	23.1	18.1	27.1
108	22.8	16.6	24.8

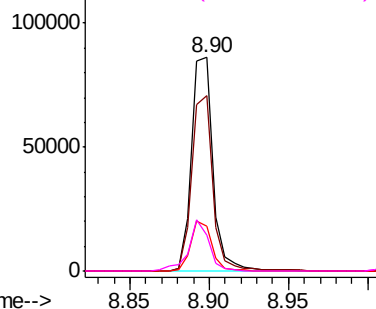
Abundance

Ion 216.00 (215.70 to 216.70): E

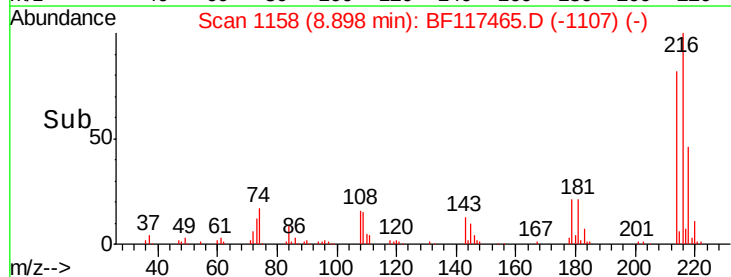
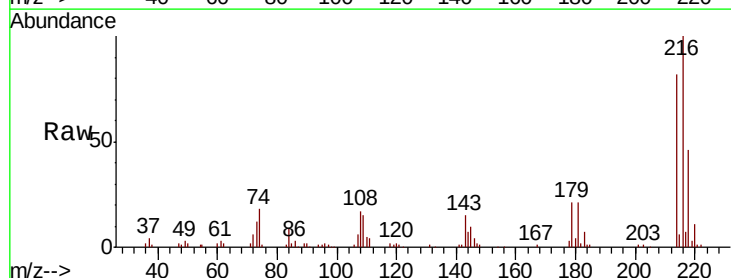
Ion 214.00 (213.70 to 214.70): E

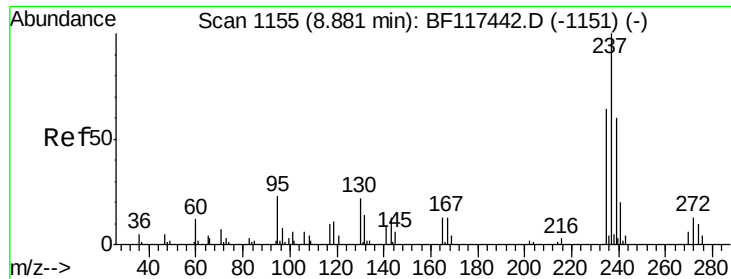
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->





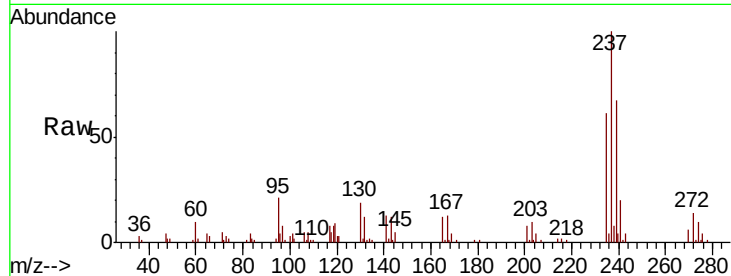
#41
Hexachlorocyclopentadiene
Concen: 55.839 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

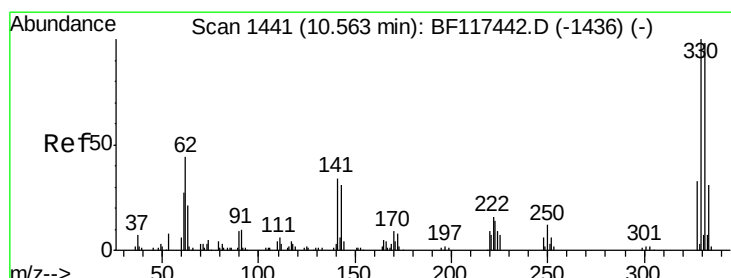
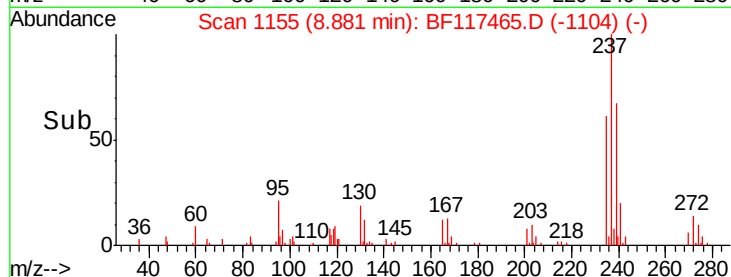
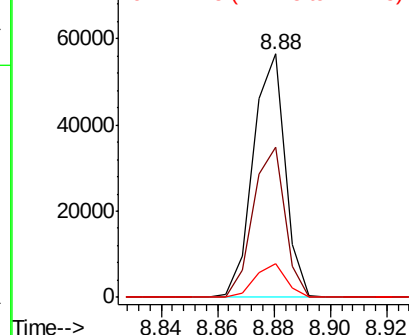
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.4	44.3	84.3	
272	14.0	0.0	33.2	

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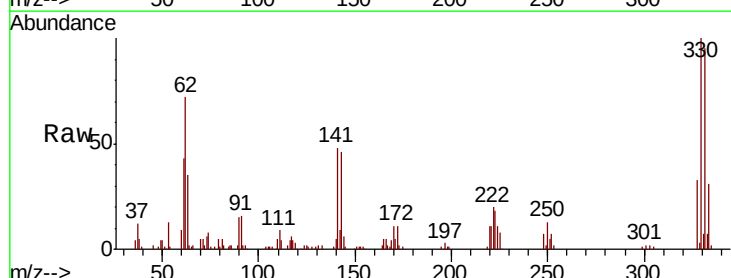


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

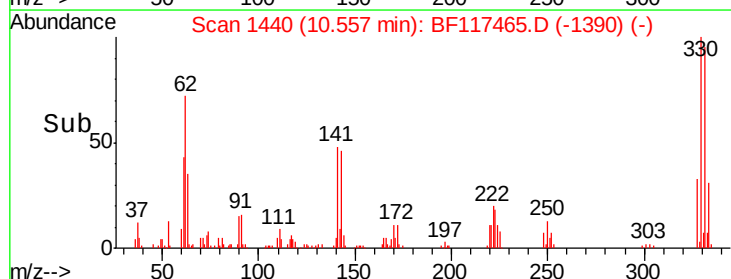
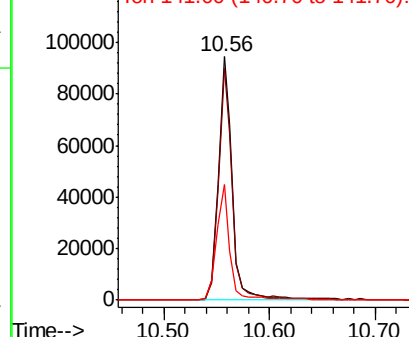


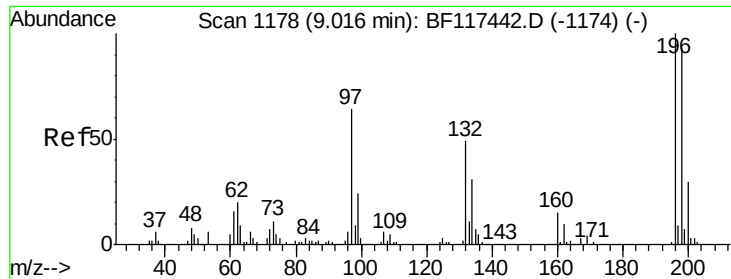
#42
2,4,6-Tribromophenol
Concen: 79.003 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	78.5	117.7	
141	45.1	37.0	55.6	



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





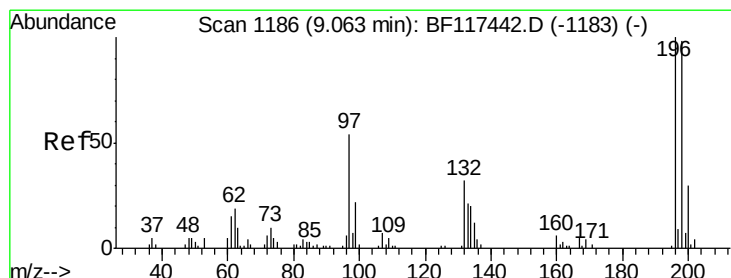
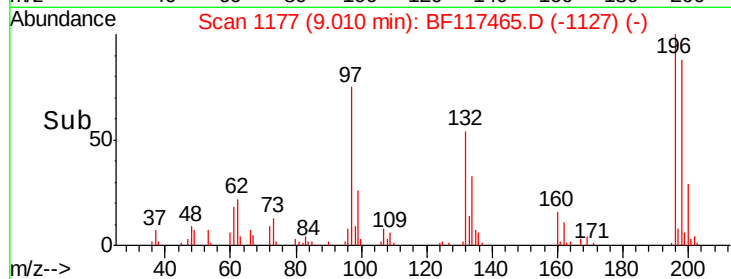
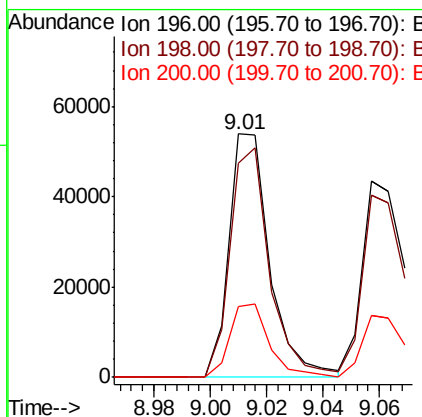
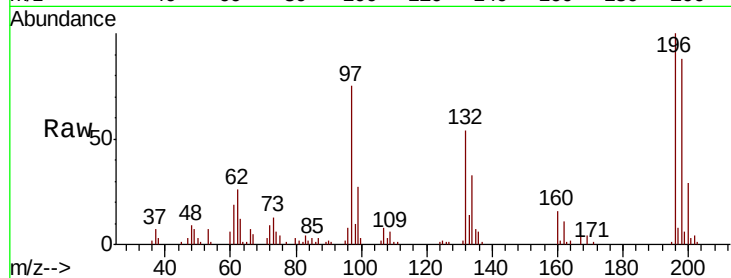
#43
 2,4,6-Trichlorophenol
 Concen: 24.924 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	54293		
198	87.9		74.1	111.1
200	29.2		23.9	35.9

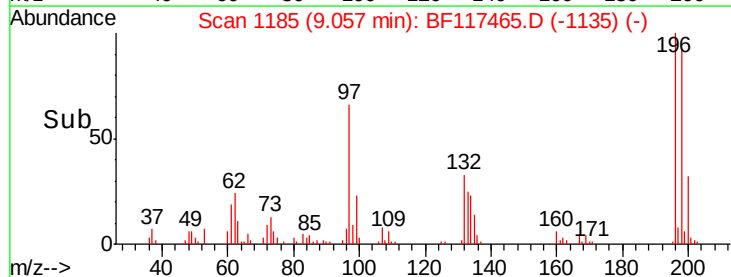
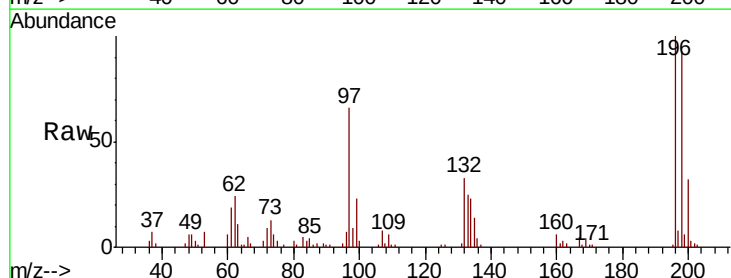
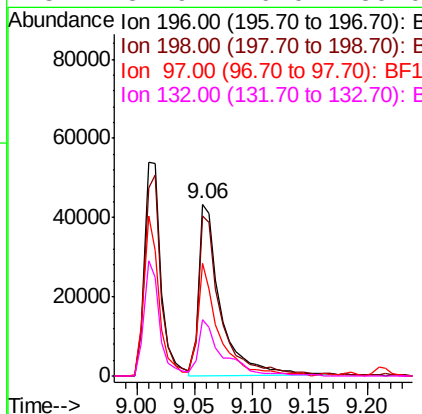
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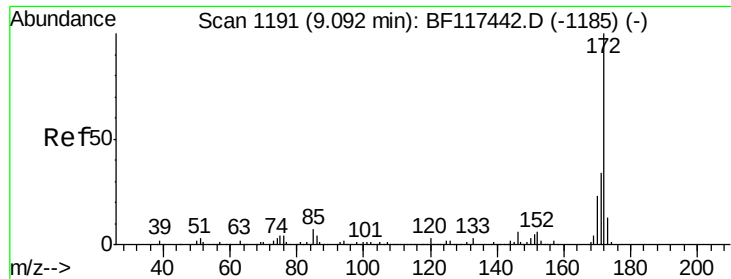
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 26.493 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58480		
198	92.7		78.6	117.8
97	65.5		43.4	65.2#
132	32.9		26.0	39.0





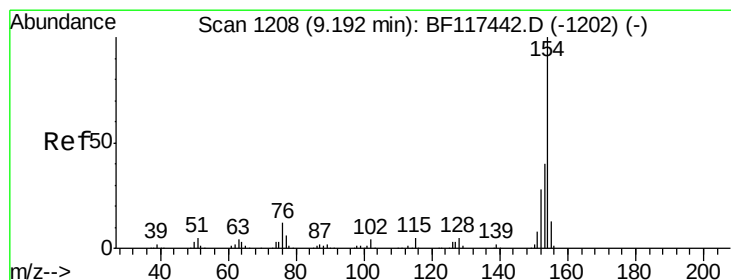
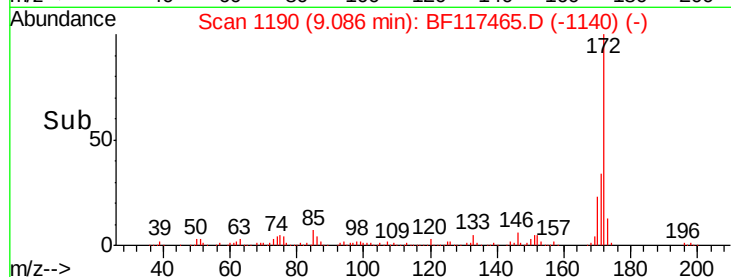
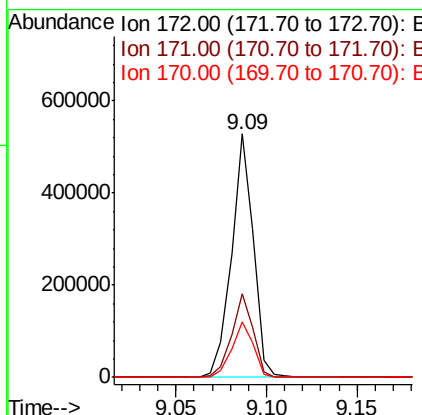
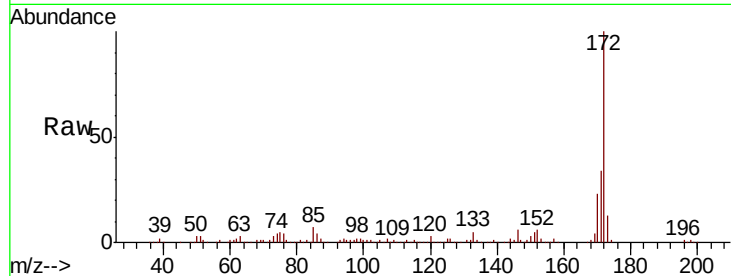
#45
2-Fluorobiphenyl
Concen: 48.230 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.7	18.6	27.8

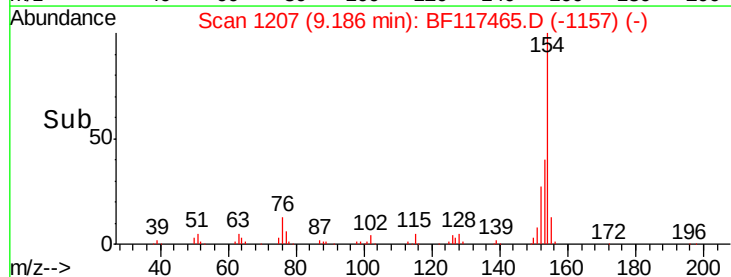
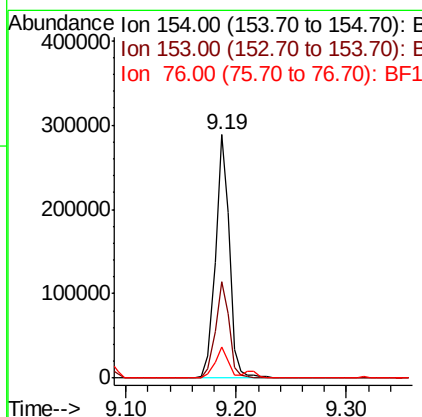
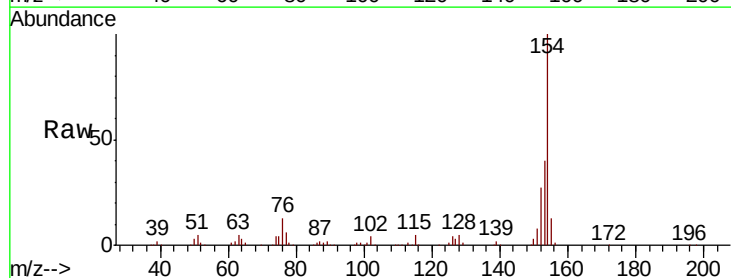
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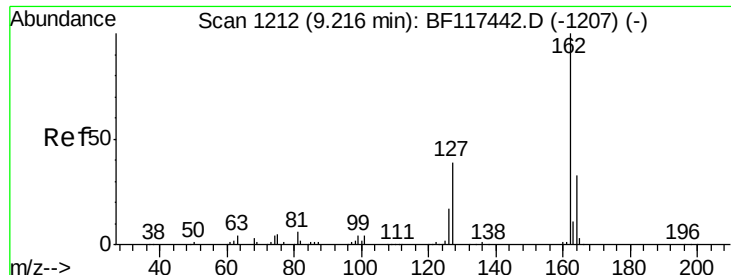
mohammad
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#46
1,1'-Biphenyl
Concen: 23.411 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	12.7	0.0	32.1





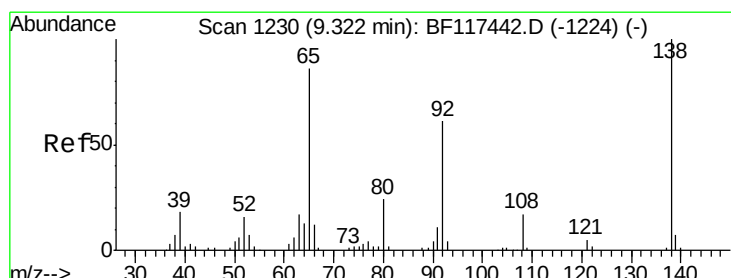
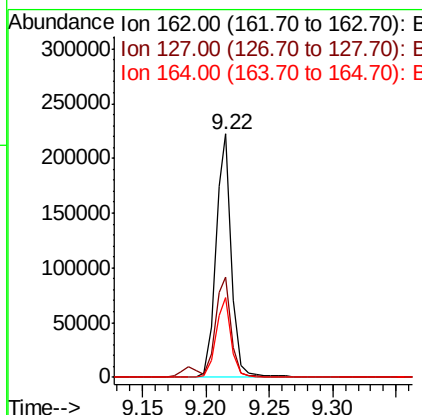
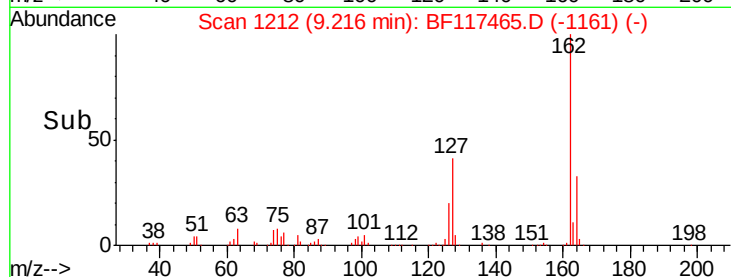
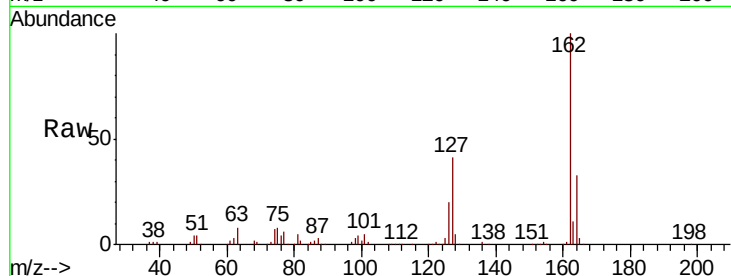
#47
 2-Chloronaphthalene
 Concen: 23.814 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleID :
 SPMSD

Tot Ion:	162	Resp:	191974
Ion Ratio	Lower	Upper	
162	100		
127	40.9	34.2	51.4
164	32.7	26.4	39.6

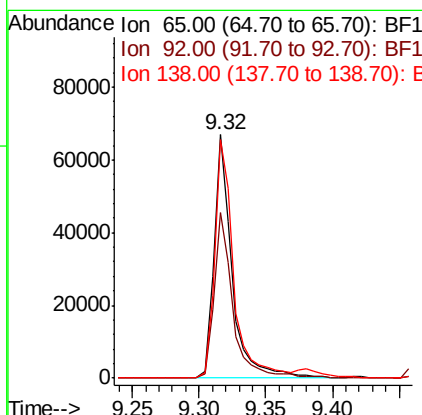
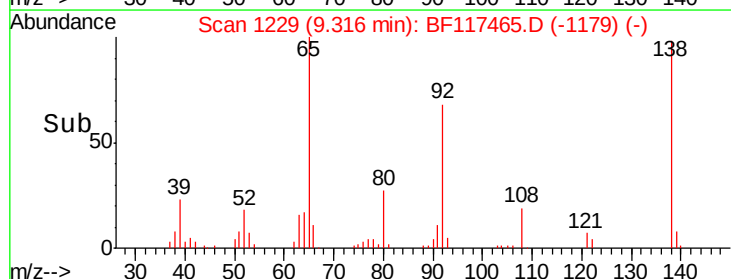
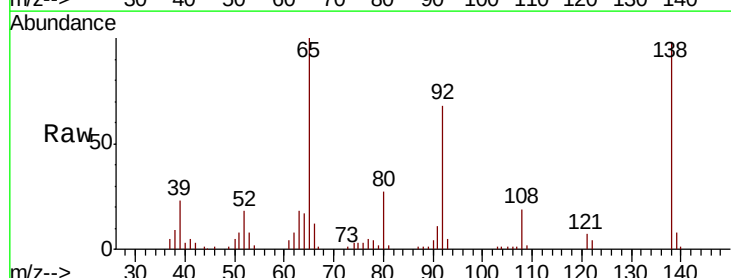
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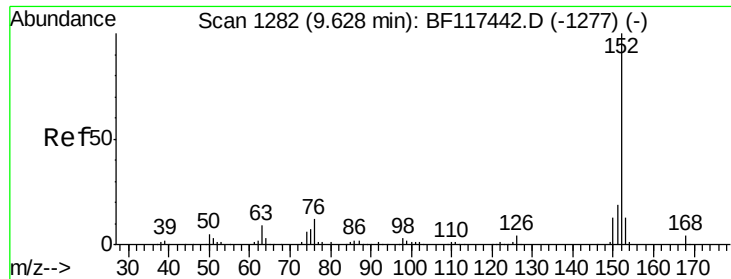
mohammad
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#48
 2-Nitroaniline
 Concen: 24.159 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion:	65	Resp:	63935
Ion Ratio	Lower	Upper	
65	100		
92	68.1	57.3	85.9
138	98.2	93.3	139.9





#49

Acenaphthylene

Concen: 25.127 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

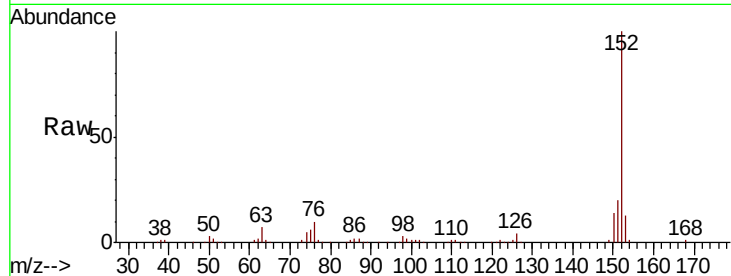
ClientSampleId :

SPMSD

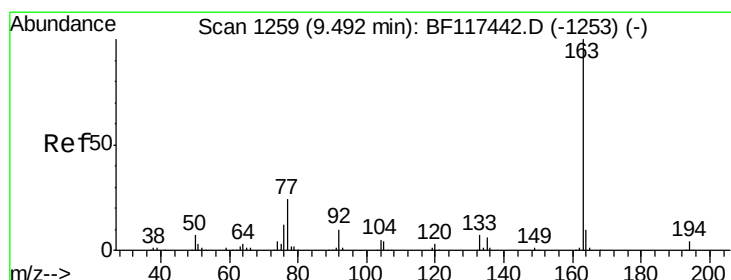
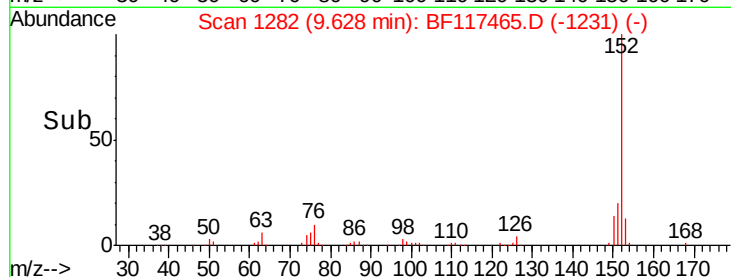
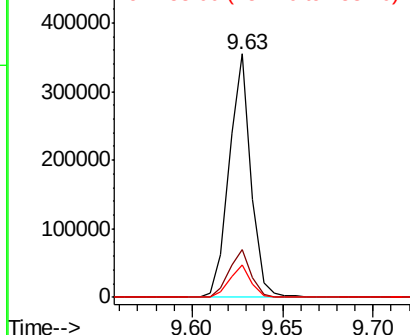
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0
153	13.1	10.3	15.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 32.600 ng

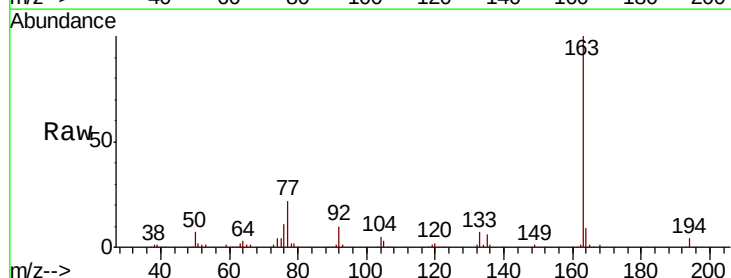
RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

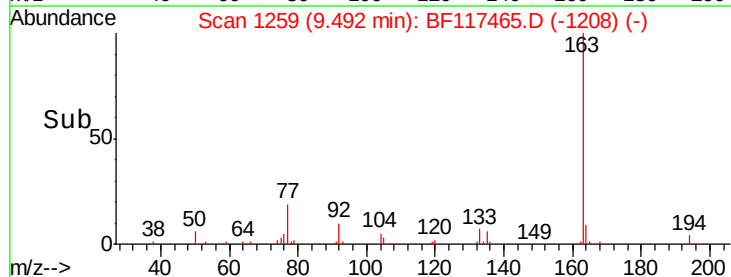
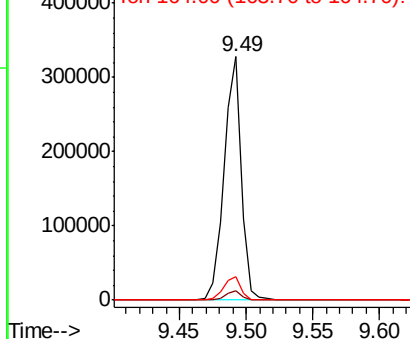
Lab File: BF117465.D

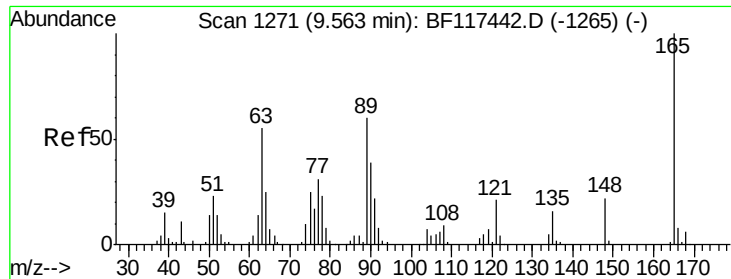
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 25.499 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

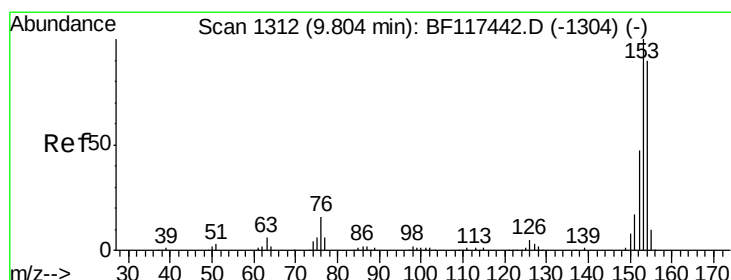
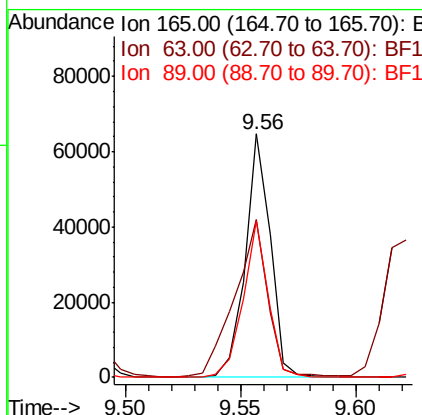
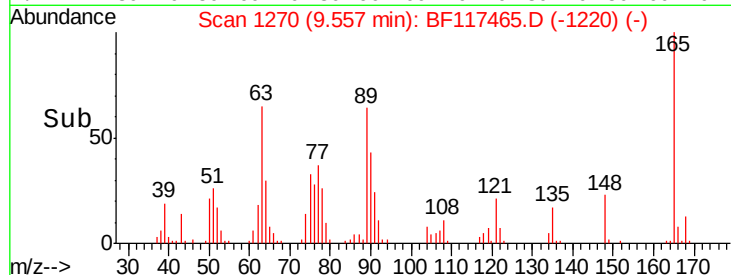
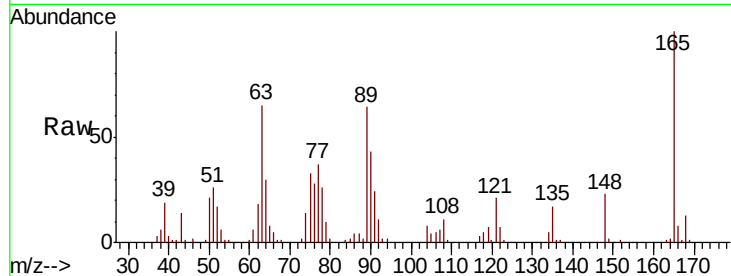
ClientSampled :

SPMSD

Tot Ion:	165	Resp:	48991
Ion Ratio	Lower	Upper	
165	100		
63	64.7	43.8	65.8
89	64.5	47.6	71.4

Manual Integrations
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#52

Acenaphthene

Concen: 24.386 ng

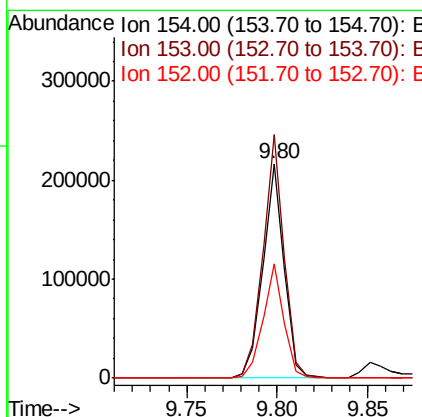
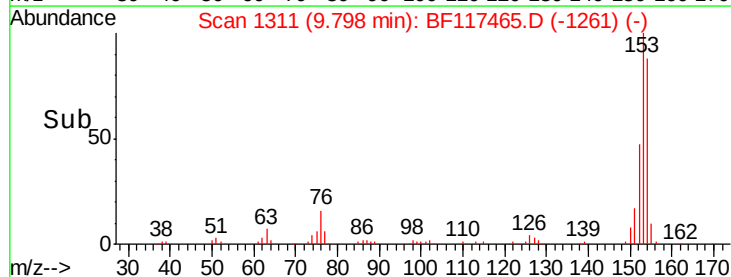
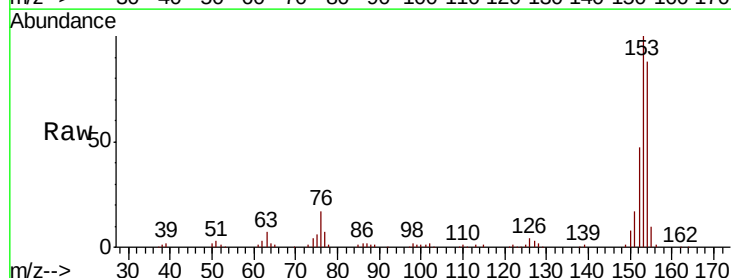
RT: 9.80 min Scan# 1311

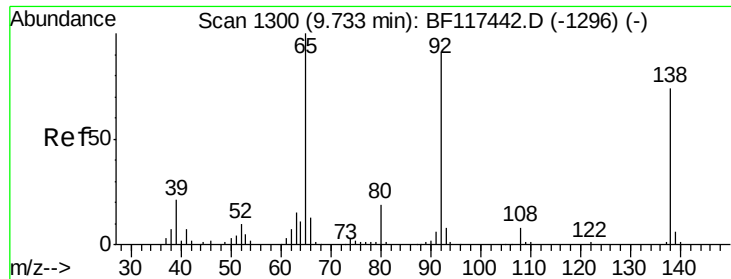
Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:	154	Resp:	177160
Ion Ratio	Lower	Upper	
154	100		
153	113.6	89.2	133.8
152	53.2	41.8	62.6





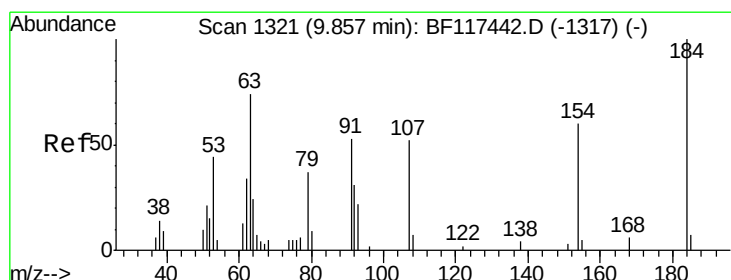
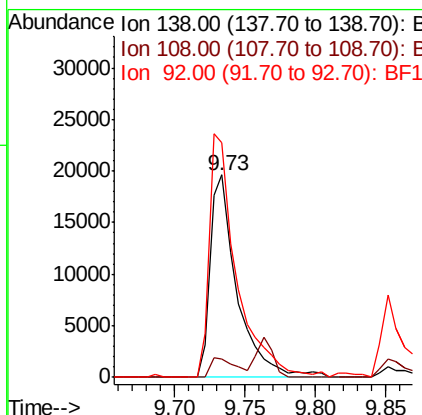
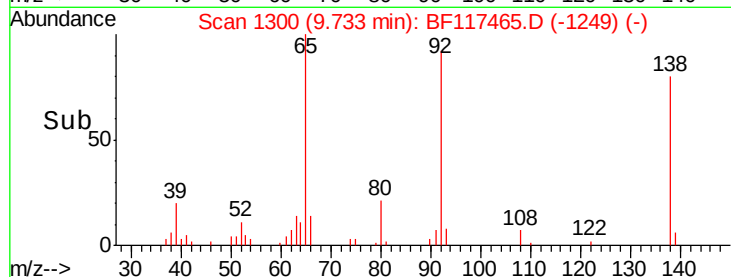
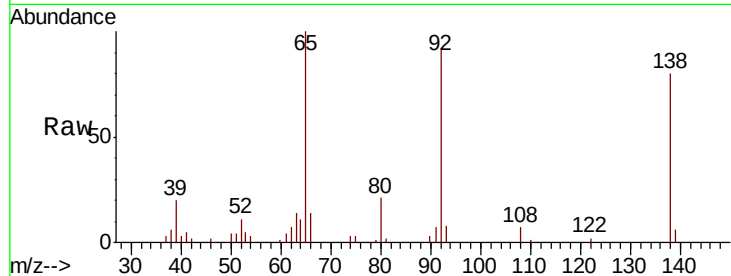
#53
3-Nitroaniline
Concen: 11.136 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	8.7	13.1
92	115.8	98.4	147.6

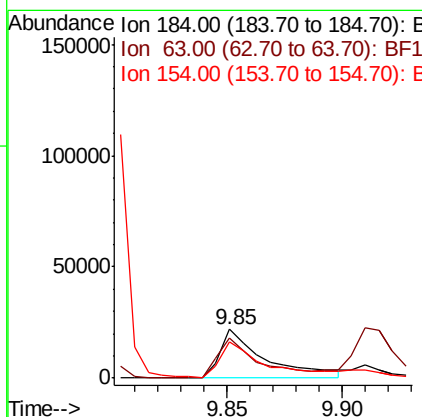
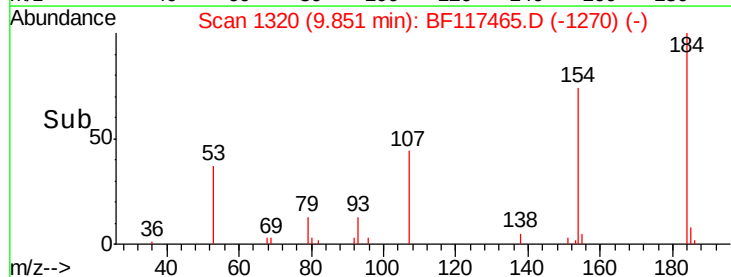
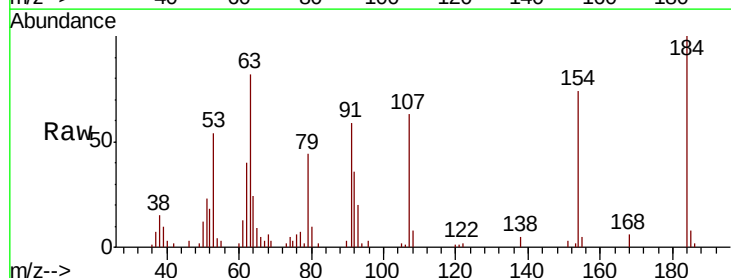
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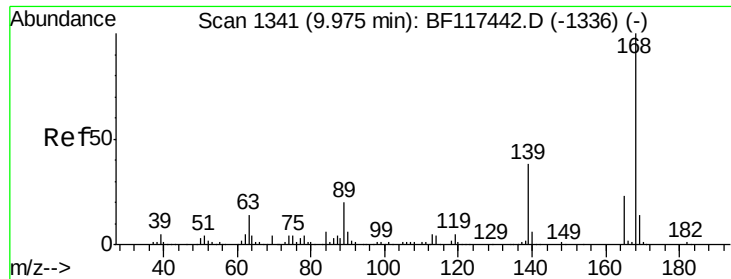
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.447 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.5	59.2	88.8
154	74.2	53.4	80.0





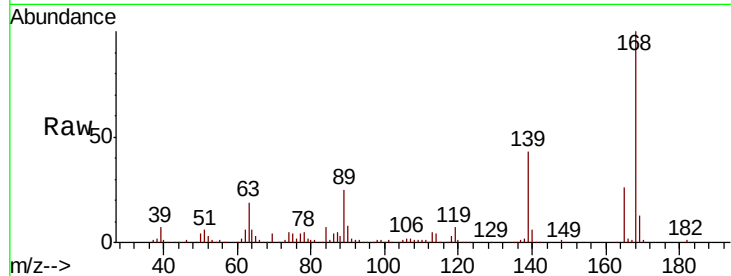
#55
Dibenzenofuran
Concen: 25.503 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.8	31.8	47.6
169	13.4	11.2	16.8

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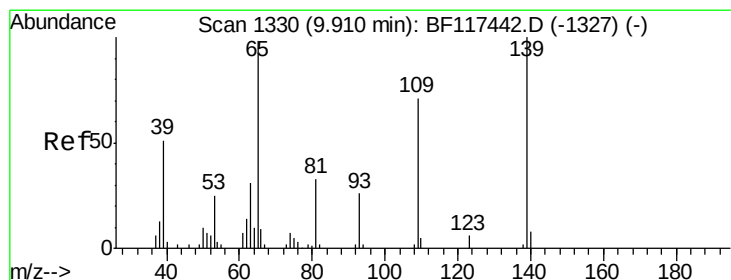
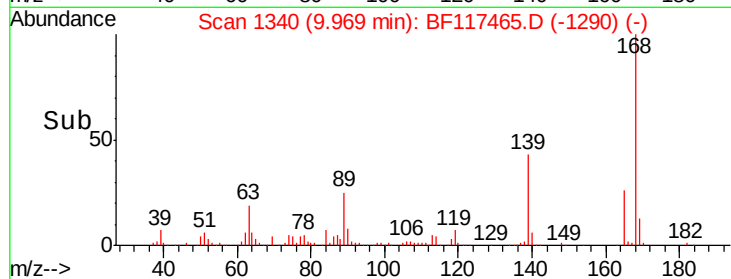
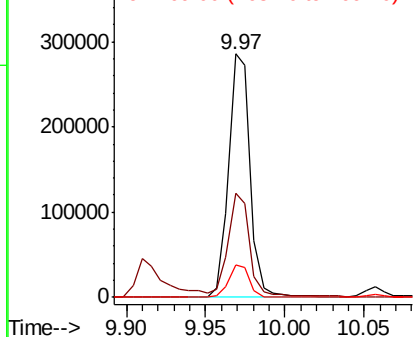


Abundance

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: 54.305 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

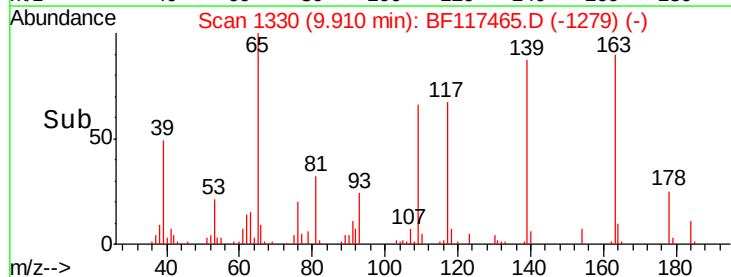
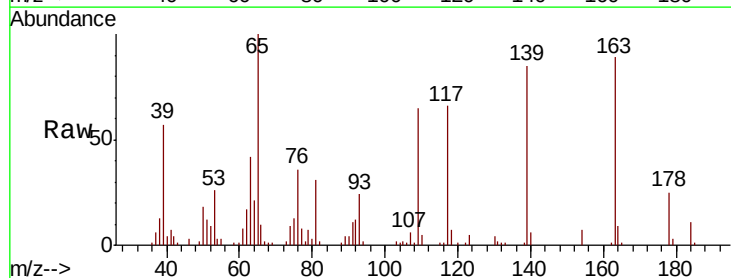
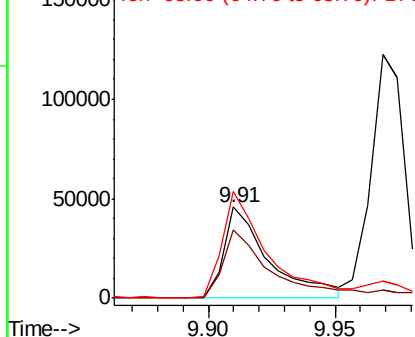
Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	51.4	91.4
65	117.0	79.4	119.4

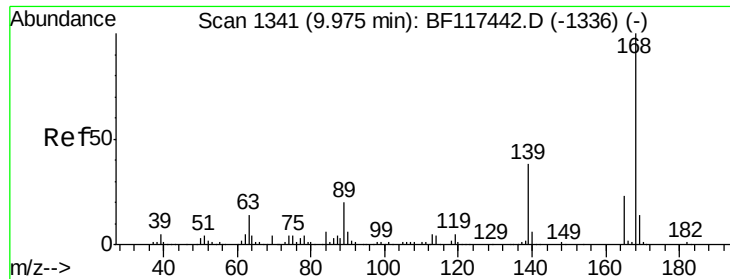
Abundance

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





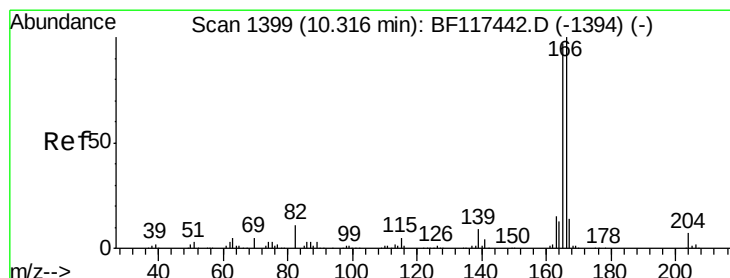
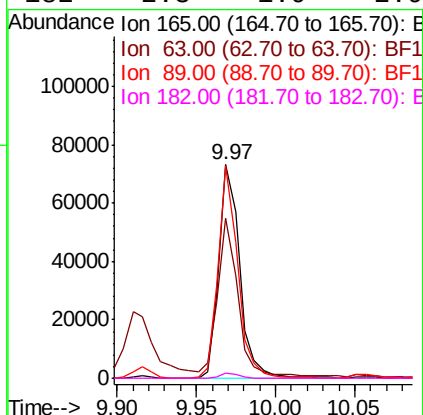
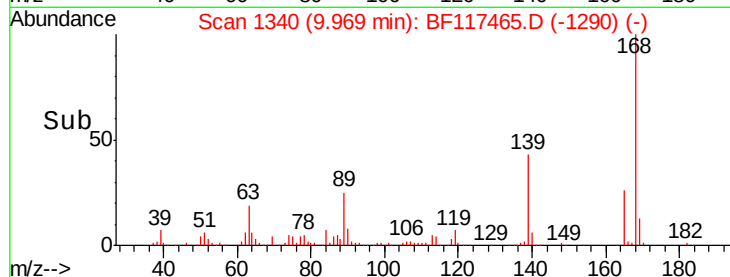
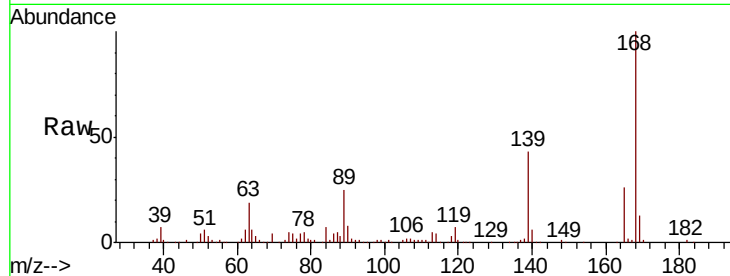
#57
2,4-Dinitrotoluene
Concen: 26.203 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.0	51.4	77.0	
89	99.4	69.9	104.9	
182	2.3	1.9	2.9	

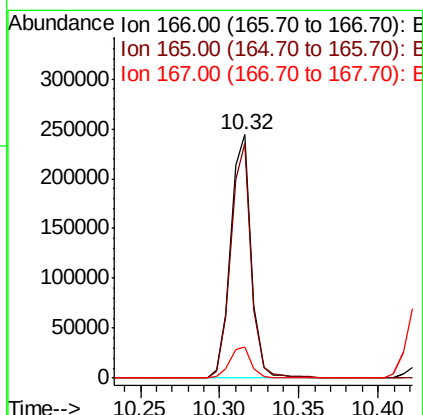
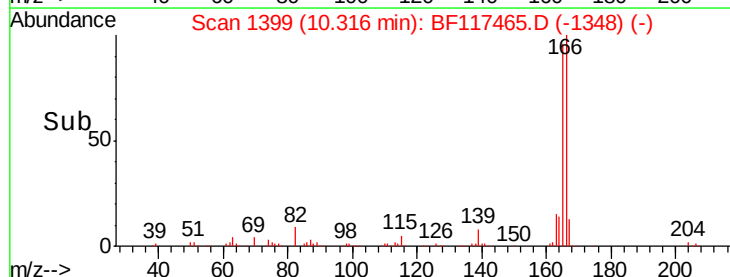
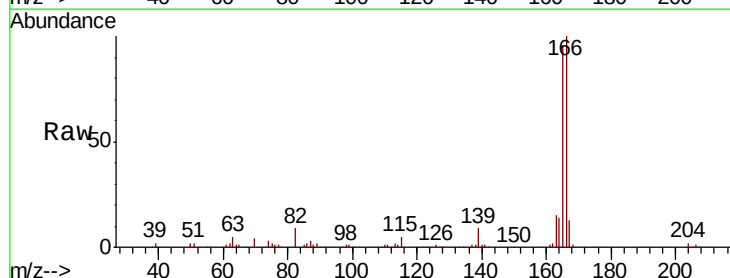
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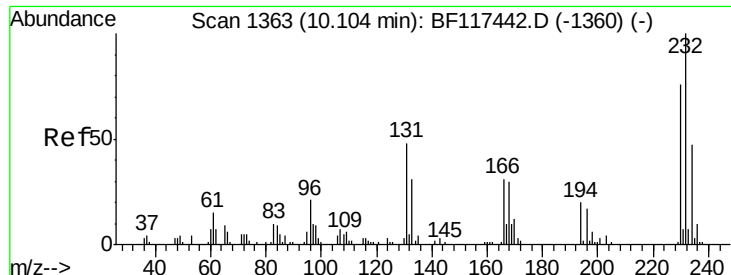
mohammad
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#58
Fluorene
Concen: 25.405 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.1	77.6	116.4	
167	12.5	11.0	16.4	





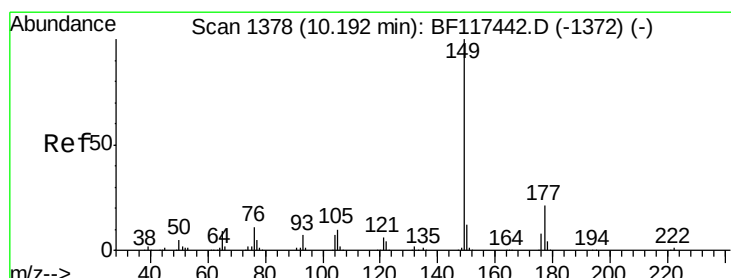
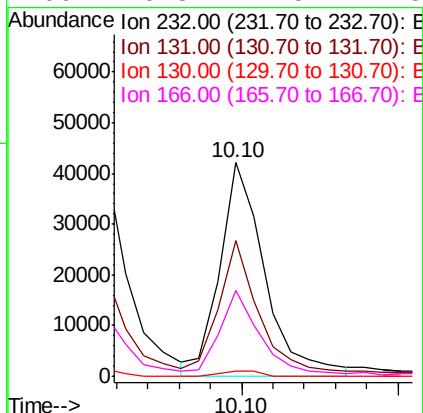
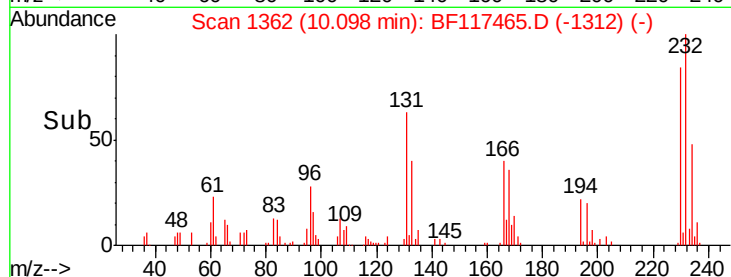
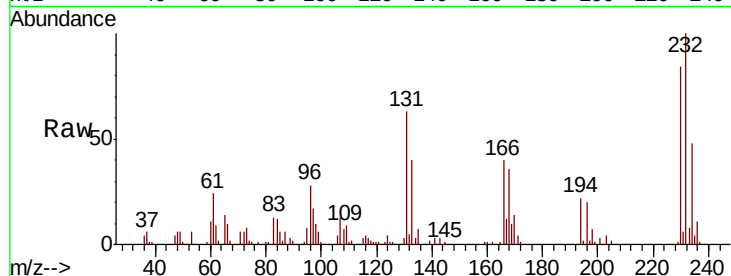
#59
2,3,4,6-Tetrachlorophenol
Concen: 24.549 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	42.6	63.8
130	2.1	2.2	3.4
166	26.8	27.5	41.3

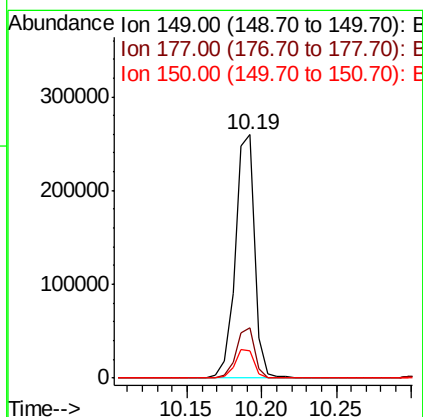
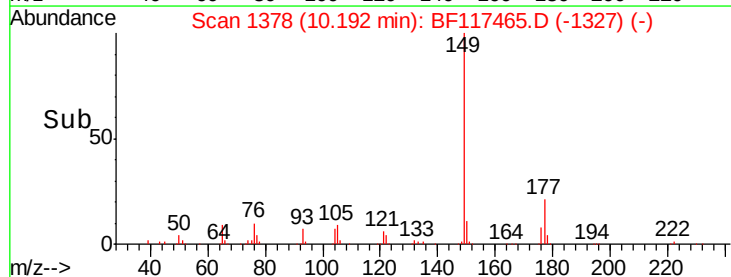
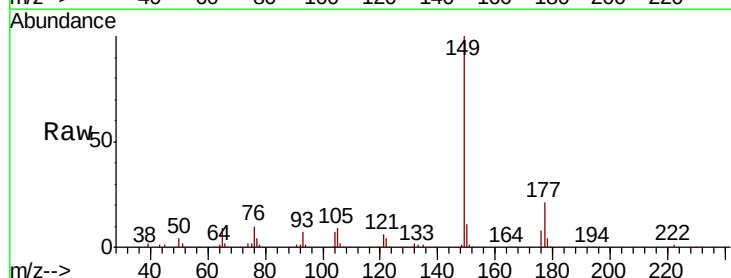
Manual Integrations
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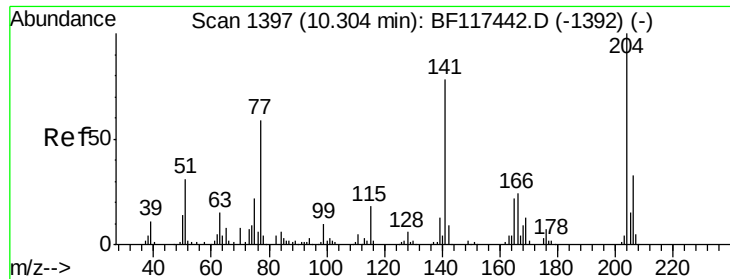
mohammad
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#60
Diethylphthalate
Concen: 25.504 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.4
150	11.4	9.8	14.6





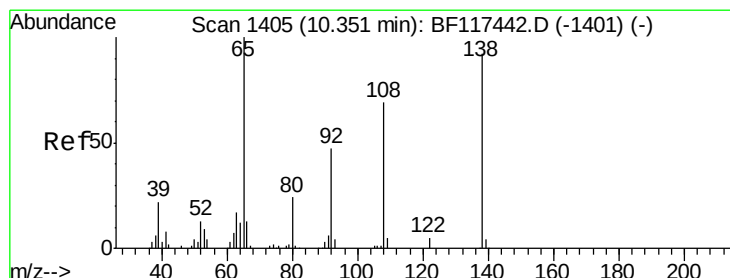
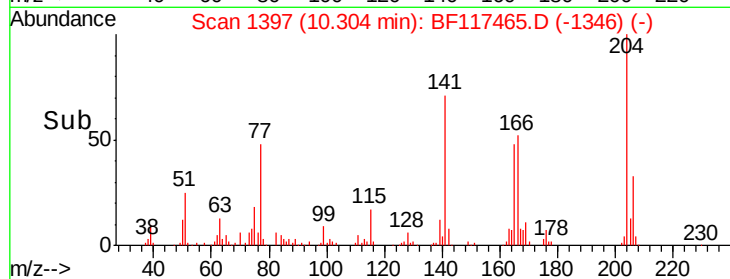
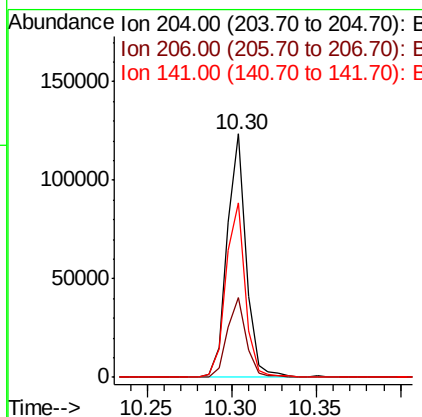
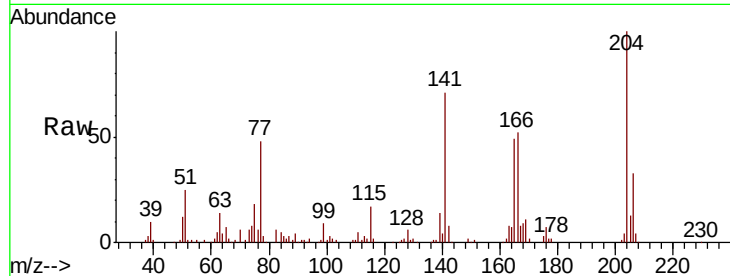
#61
4-Chlorophenyl-phenylether
Concen: 24.612 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	71.5	62.2	93.4

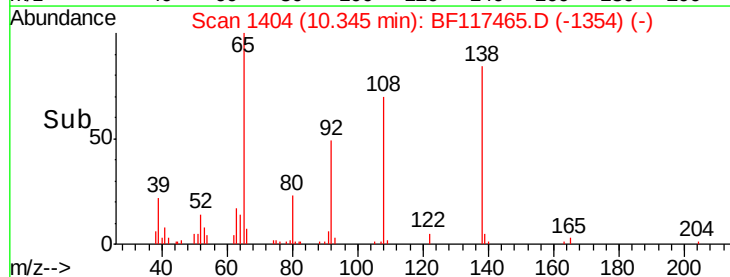
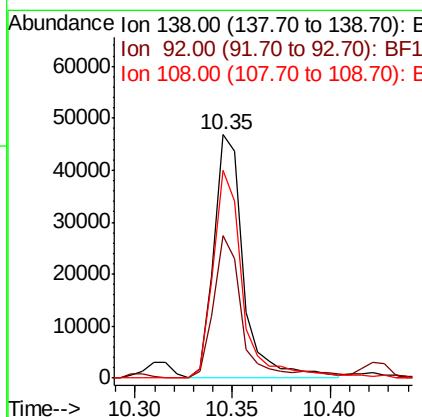
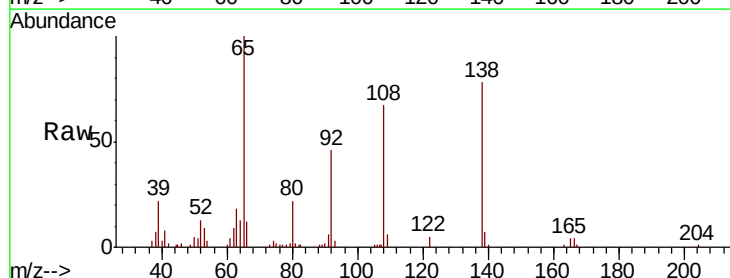
Manual Integrations
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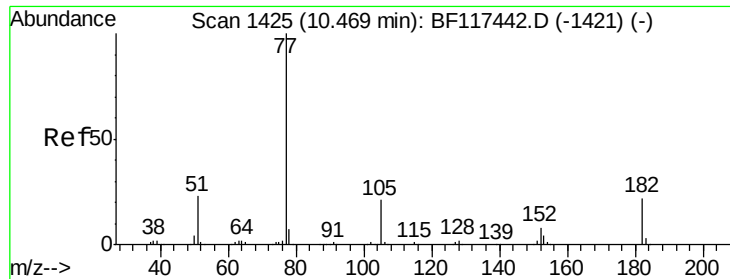
mohammad
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#62
4-Nitroaniline
Concen: 22.526 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	30.3	70.3
108	85.2	54.9	94.9





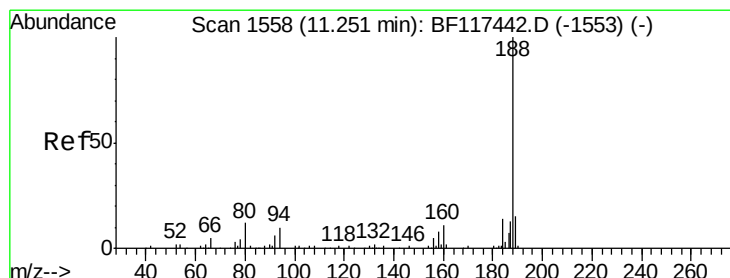
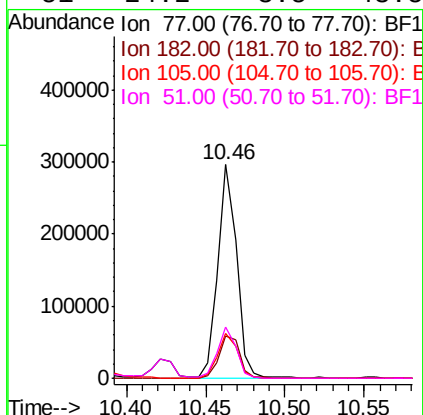
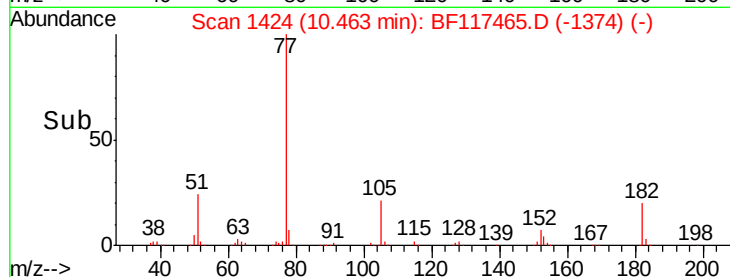
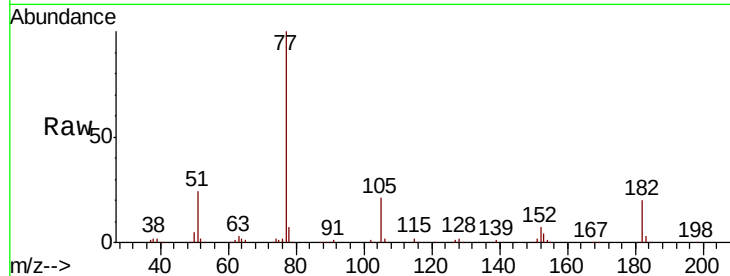
#63
Azobenzene
Concen: 25.515 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.9	2.3	42.3	
105	20.9	1.3	41.3	
51	24.2	3.5	43.5	

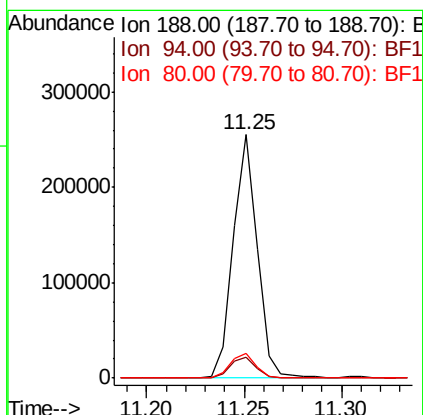
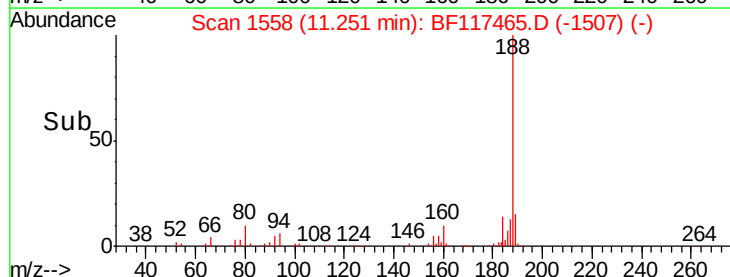
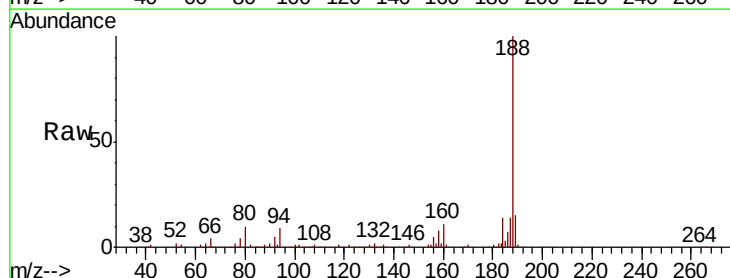
Manual Integrations
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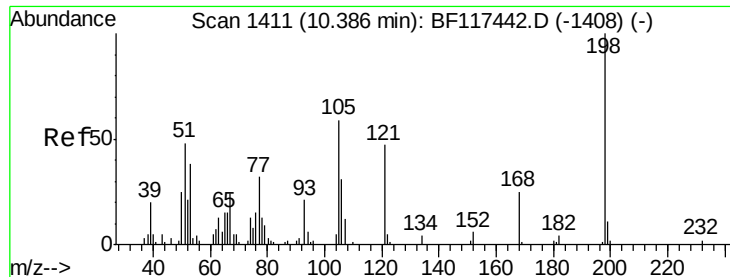
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	8.0	12.0	
80	10.2	9.5	14.3	





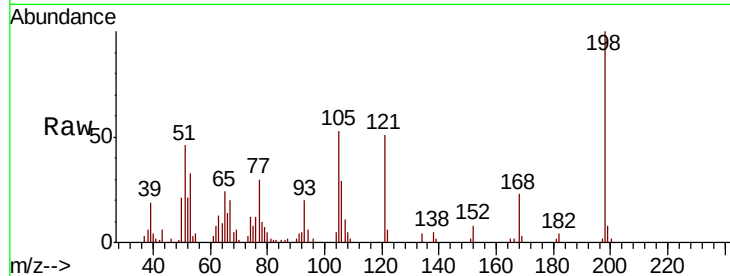
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.936 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampled :
 SPMSD

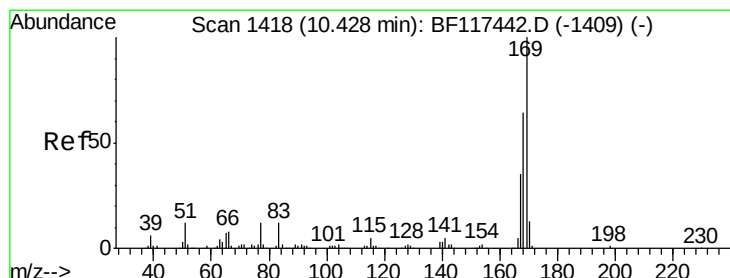
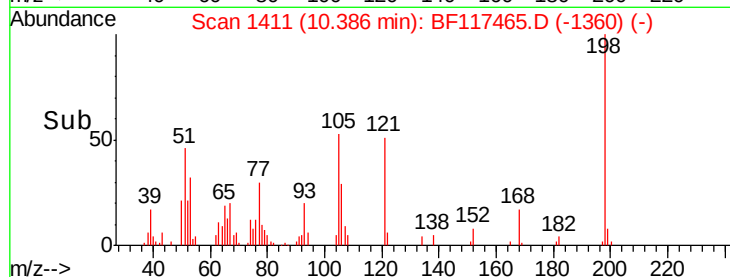
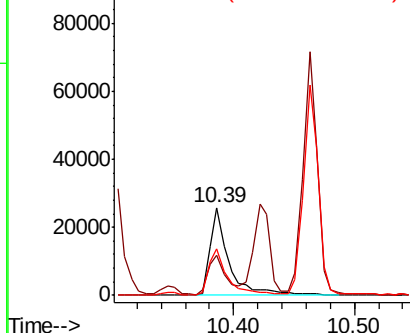
Tot Ion	Ratio	Resp	Lower	Upper
198	100	27726		
51	46.1		29.1	69.1
105	53.5		39.4	79.4

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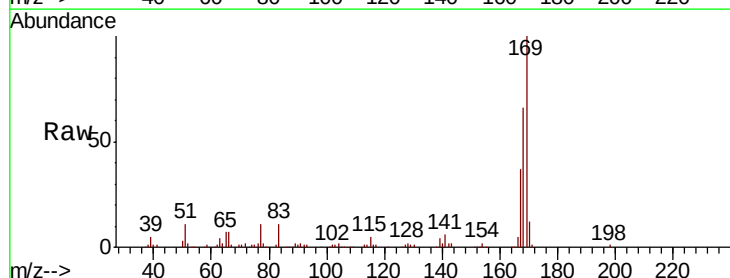


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

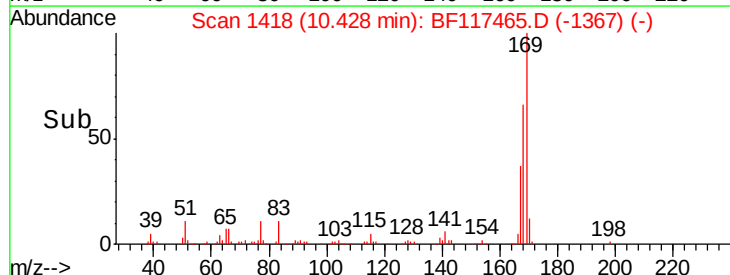
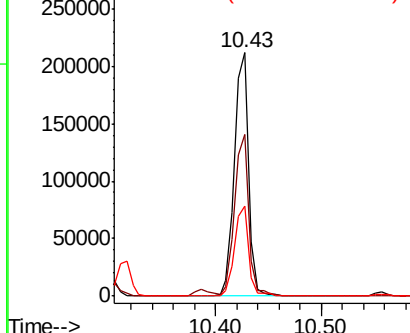


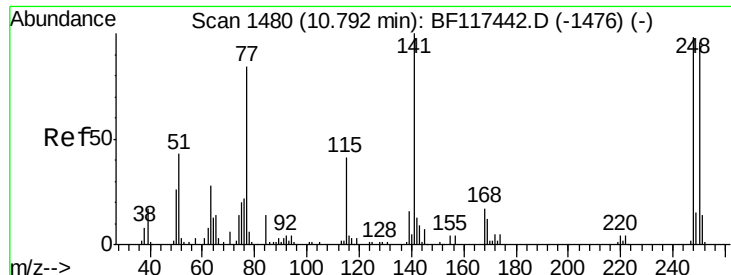
#66
 n-Nitrosodiphenylamine
 Concen: 24.507 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	195934		
168	66.4		51.3	76.9
167	36.8		28.2	42.4



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





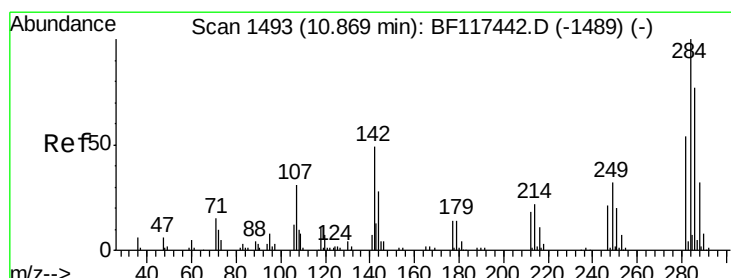
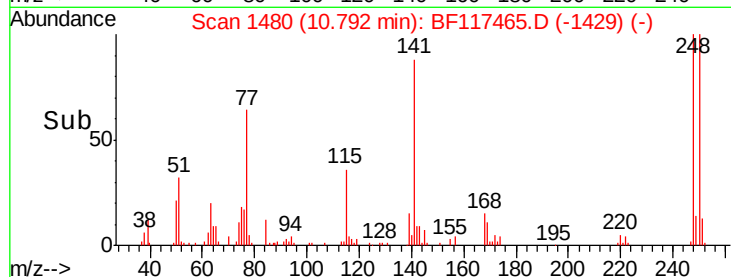
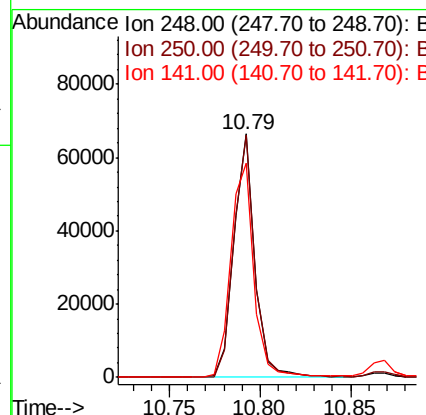
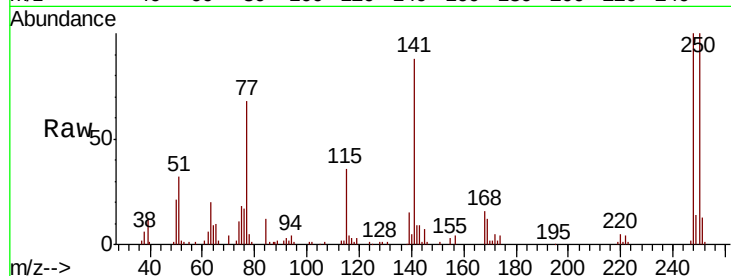
#67
 4-Bromophenyl-phenylether
 Concen: 22.902 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.0	117.0
141	87.9	81.7	122.5

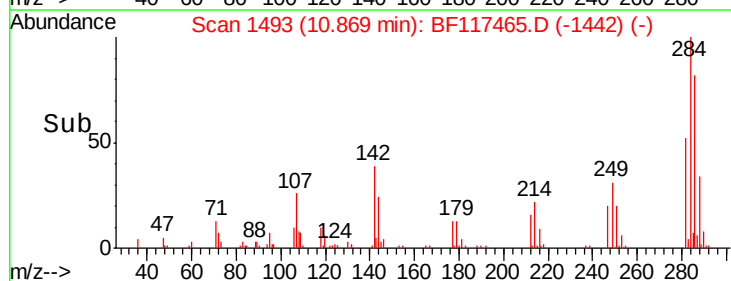
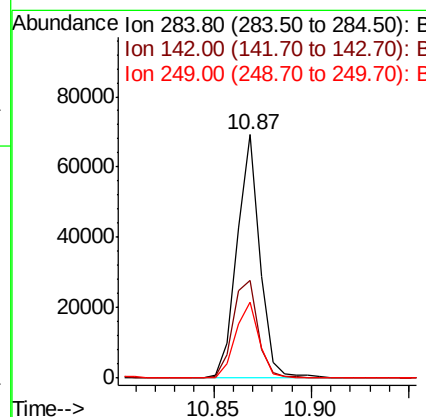
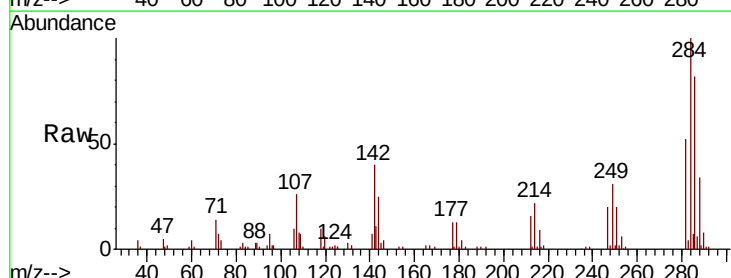
Manual Integrations
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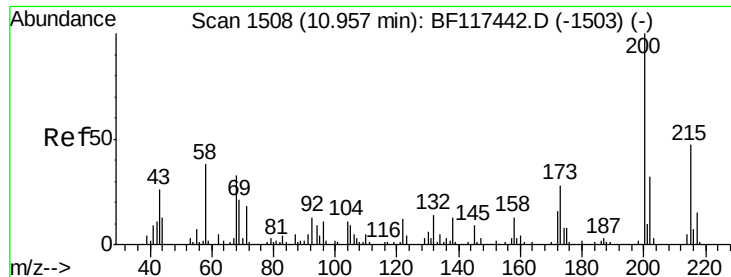
mohammad
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#68
 Hexachlorobenzene
 Concen: 22.357 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.3	39.0	58.6
249	31.0	25.7	38.5





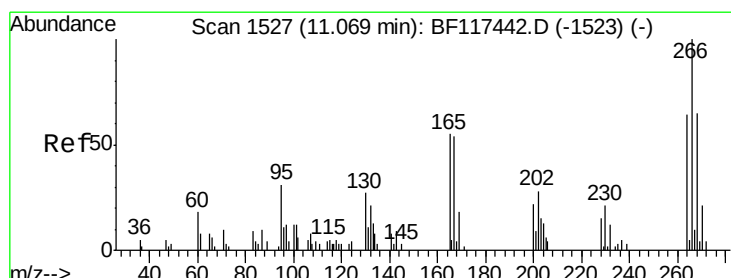
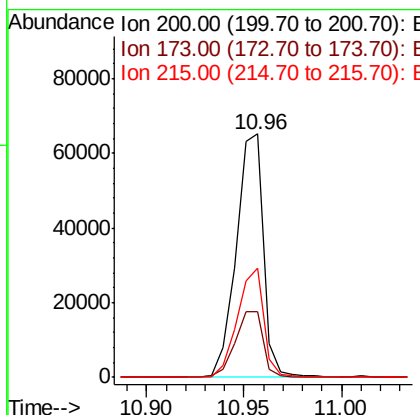
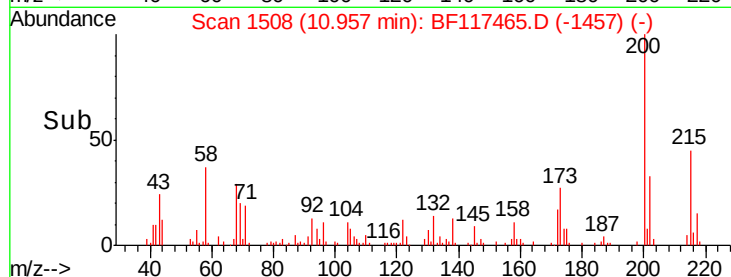
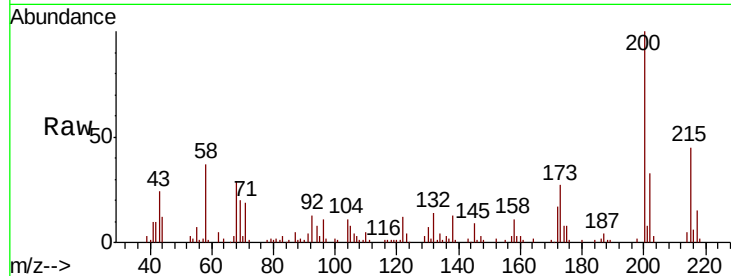
#69
Atrazine
Concen: 30.928 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.2	48.2
215	45.0	26.8	66.8

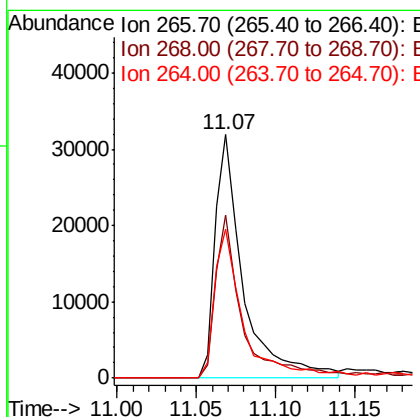
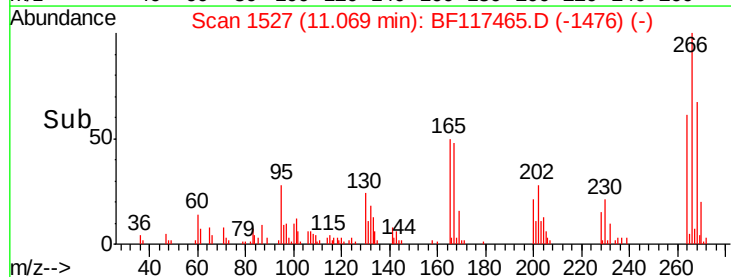
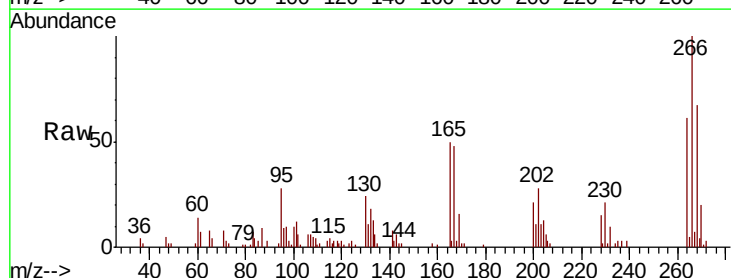
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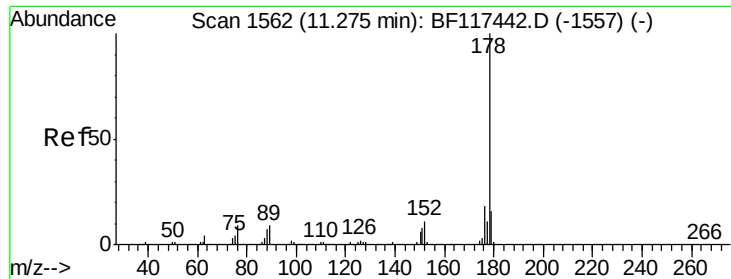
mohammad
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#70
Pentachlorophenol
Concen: 51.993 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.6	77.4
264	61.3	51.4	77.2





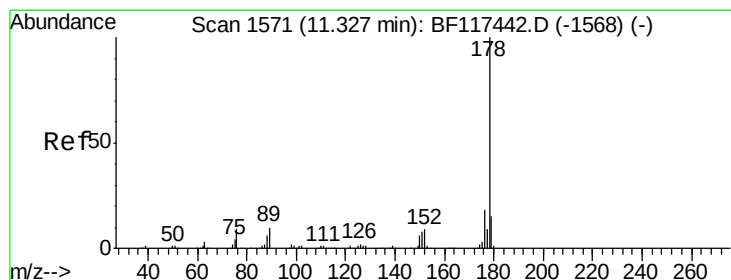
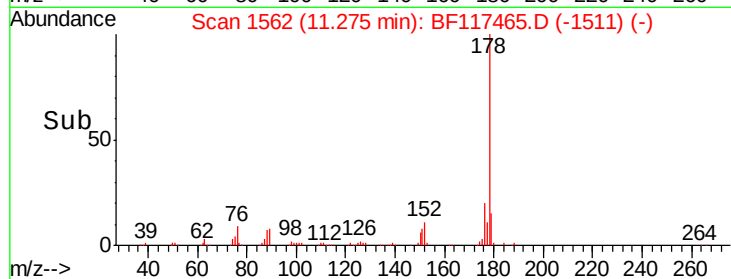
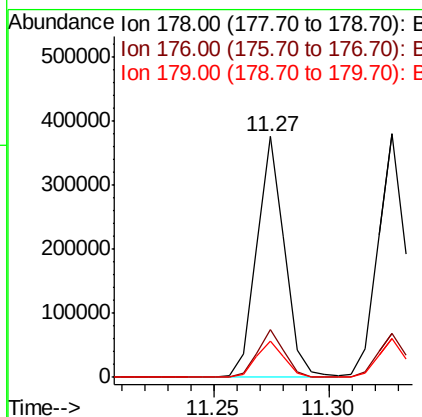
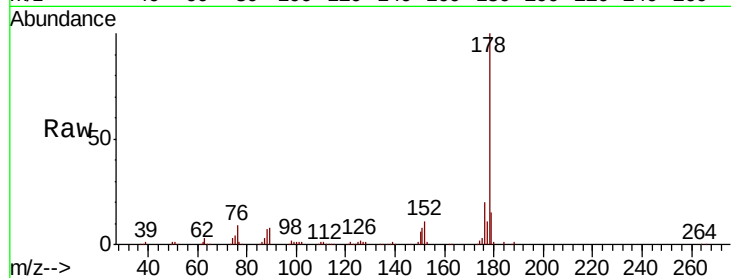
#71
Phenanthrene
Concen: 24.740 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	22.0
179	14.9	12.6	19.0

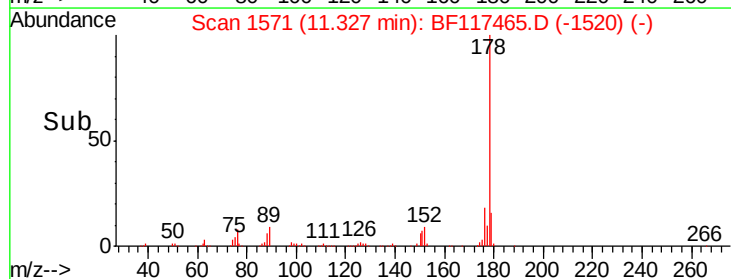
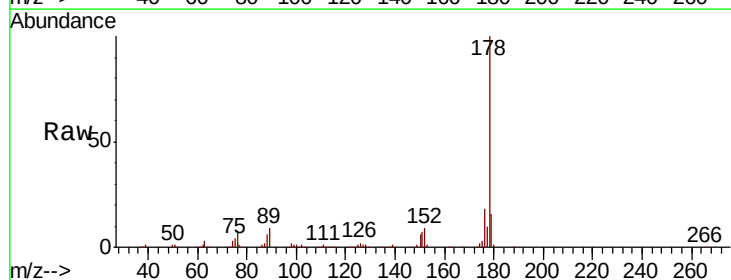
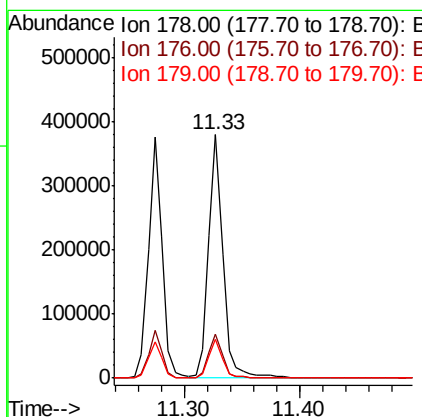
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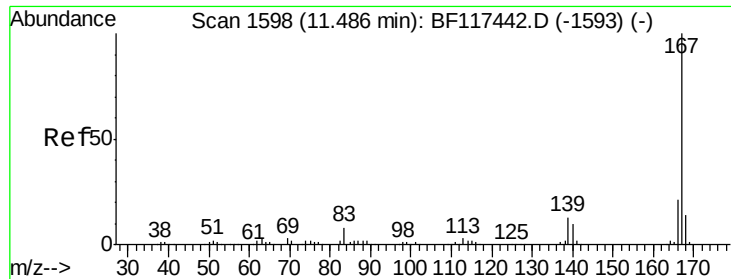
mohammad
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#72
Anthracene
Concen: 25.432 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.8	12.2	18.2





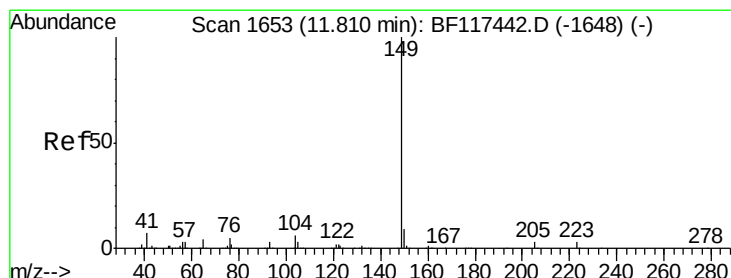
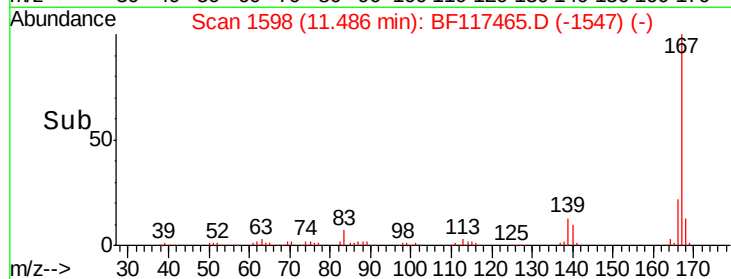
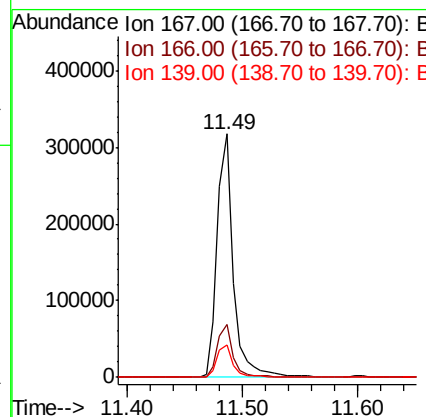
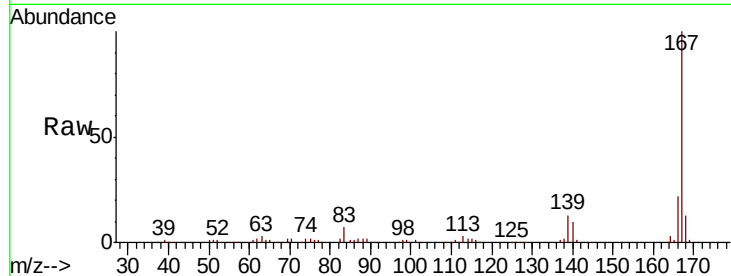
#73
 Carbazole
 Concen: 26.074 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.2	10.6	16.0

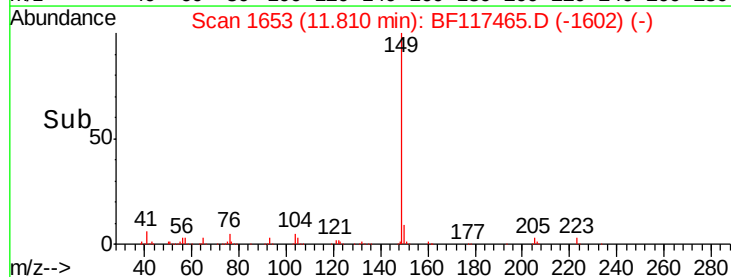
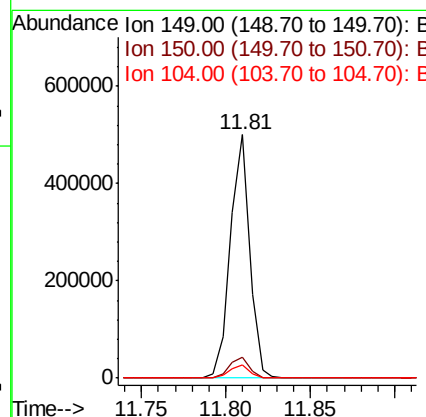
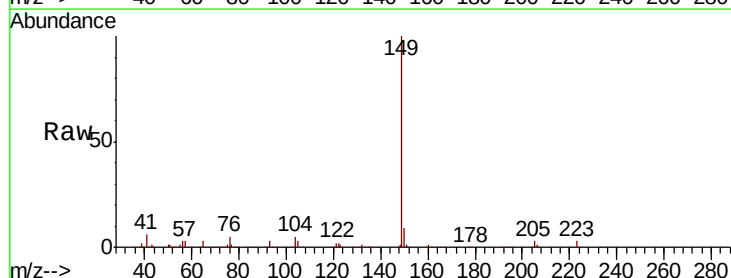
Manual Integrations
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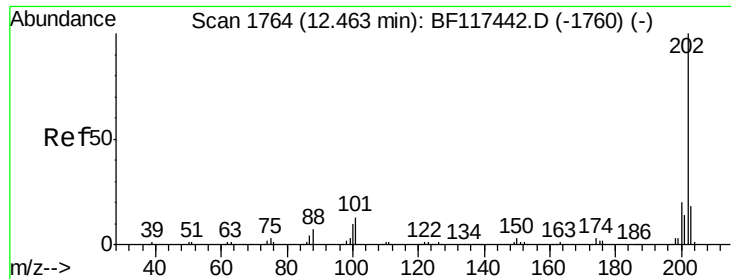
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#74
 Di-n-butylphthalate
 Concen: 25.065 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	5.3	4.6	6.8





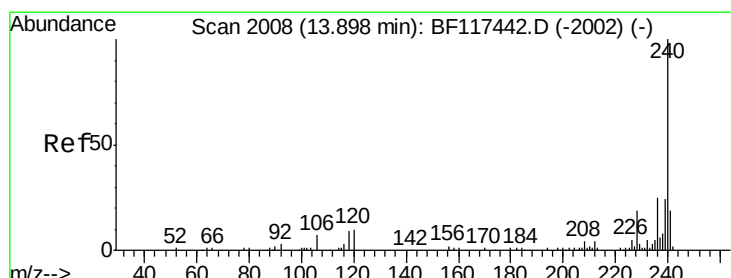
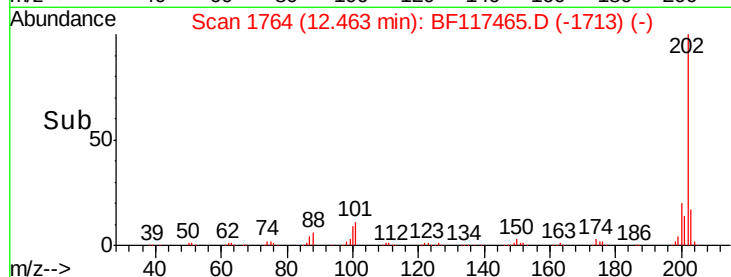
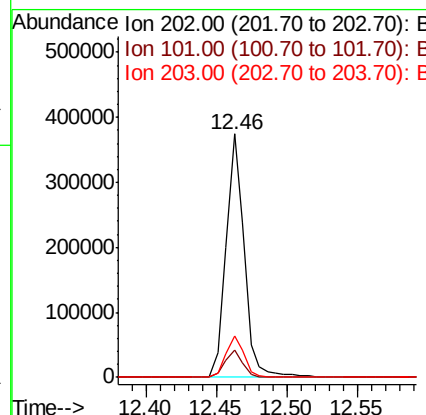
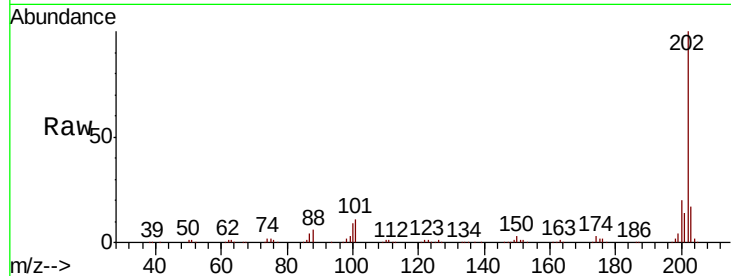
#75
 Fluoranthene
 Concen: 26.414 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	32.7
203	16.9	0.0	37.6

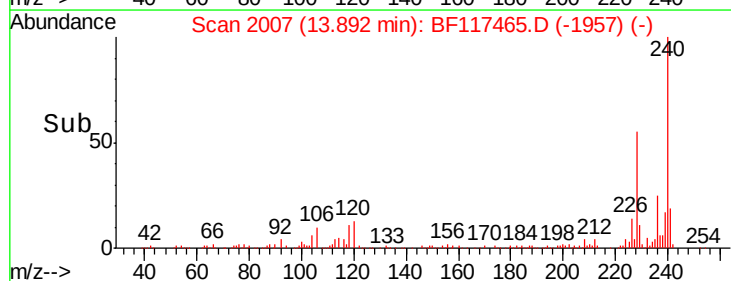
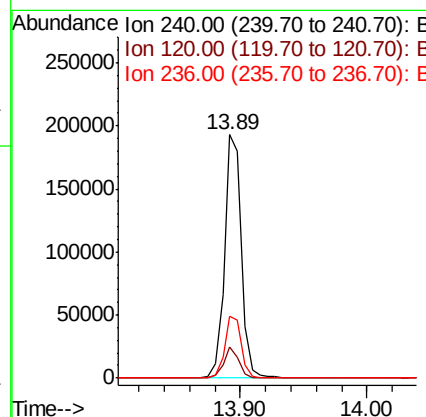
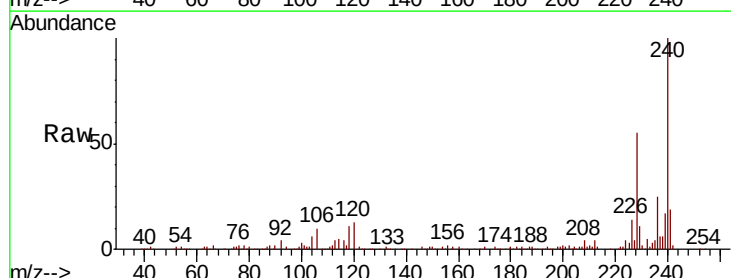
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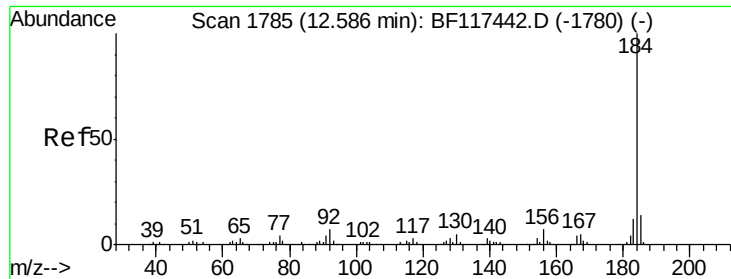
mohammad
 10/22/2019 3:29:28 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	8.4	12.6#
236	25.2	20.0	30.0





#77

Benzidine

Concen: 33.623 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

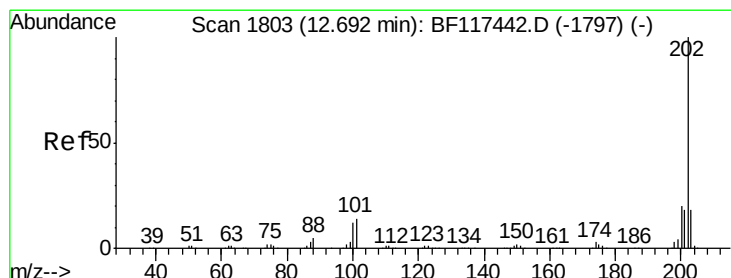
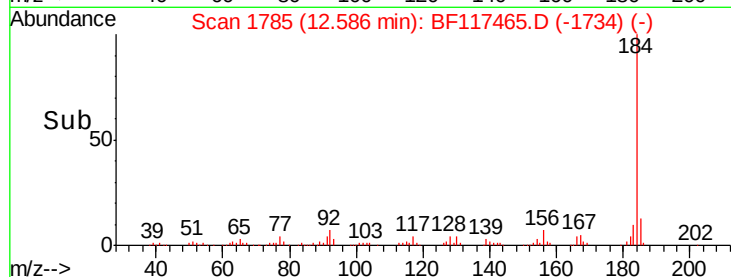
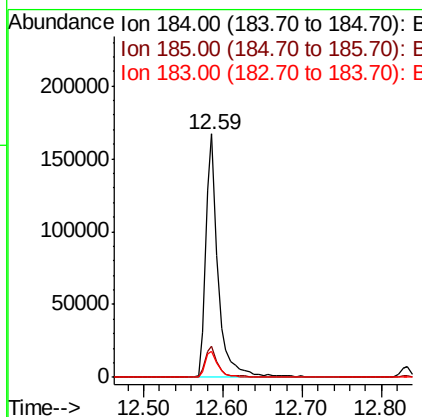
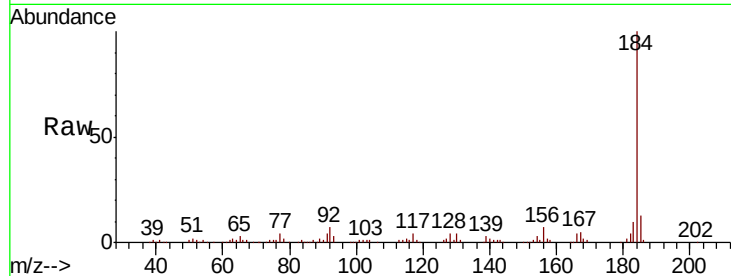
ClientSampleId :

SPMSD

Tot Ion:	184	Resp:	181277
Ion Ratio	Lower	Upper	
184	100		
185	13.0	11.4	17.0
183	10.4	9.6	14.4

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#78

Pyrene

Concen: 22.135 ng

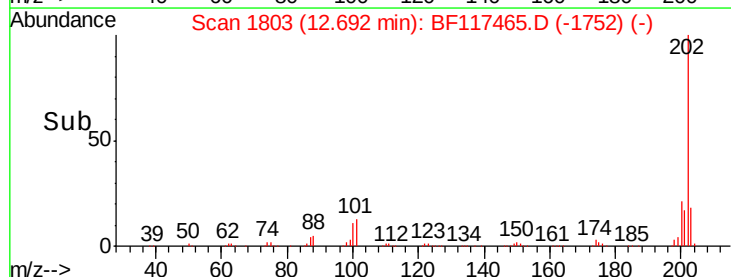
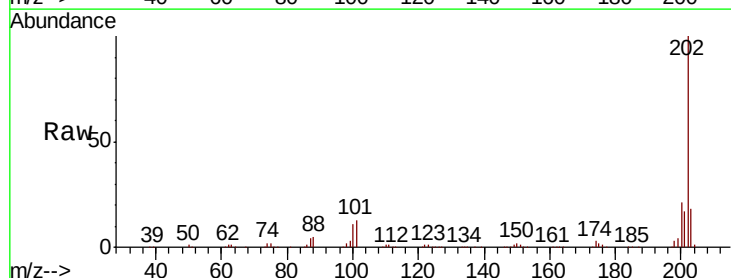
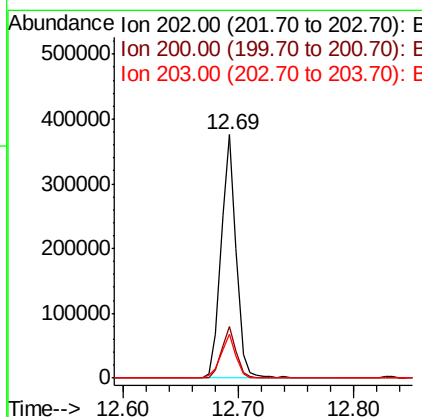
RT: 12.69 min Scan# 1803

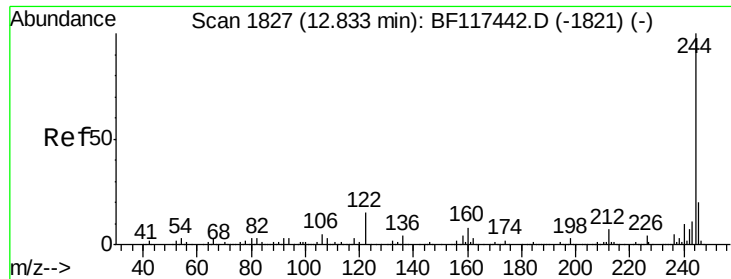
Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:	202	Resp:	341340
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.2	24.2
203	18.2	14.0	21.0





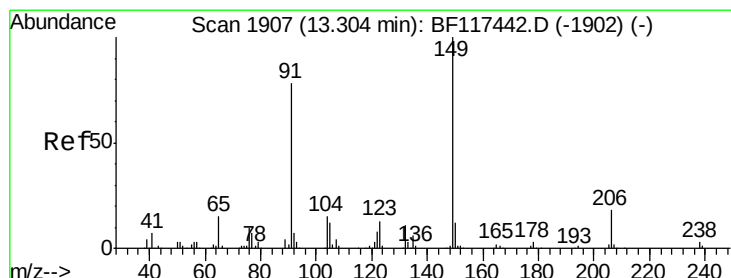
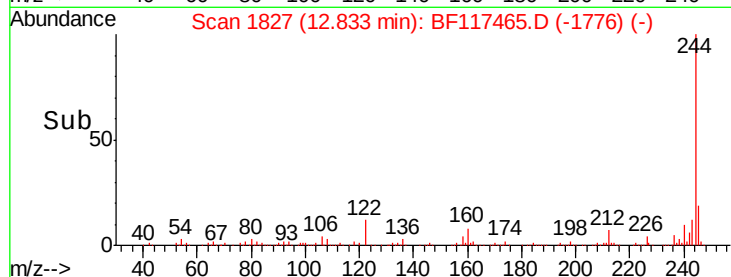
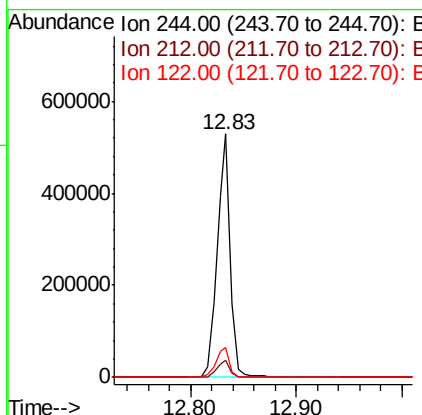
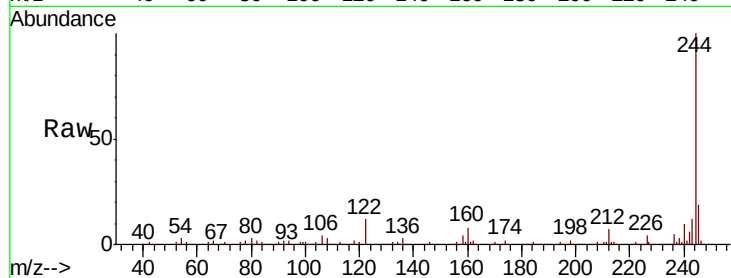
#79
 Terphenyl-d14
 Concen: 42.197 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.1	11.8	17.8

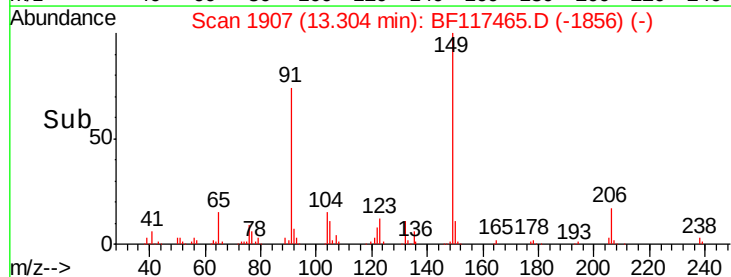
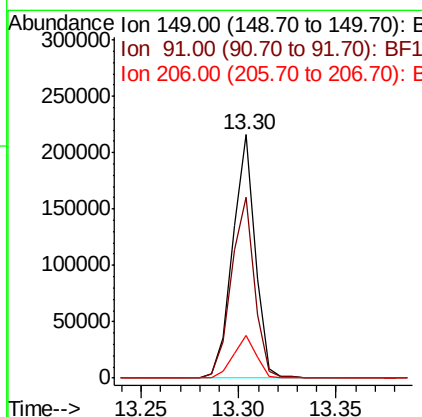
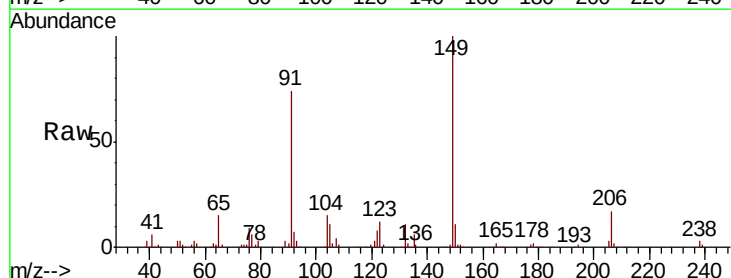
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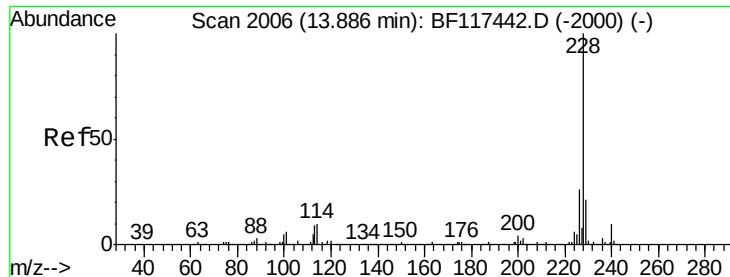
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#80
 Butylbenzylphthalate
 Concen: 22.562 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	62.1	93.1
206	17.5	14.3	21.5





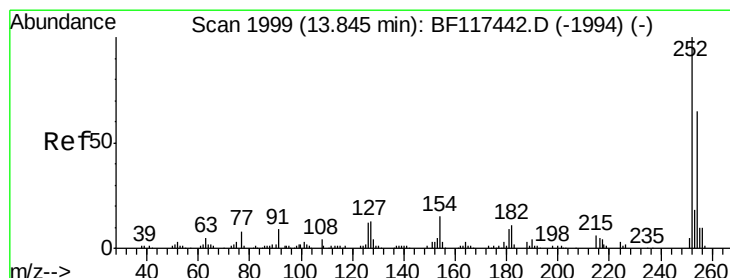
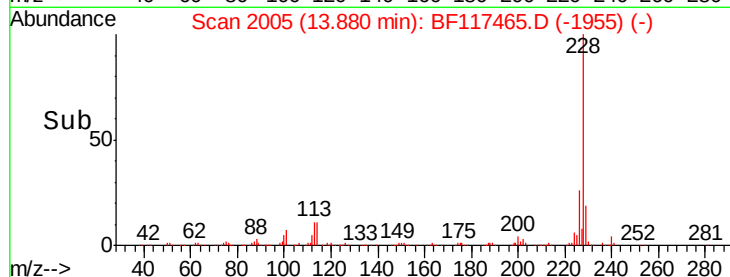
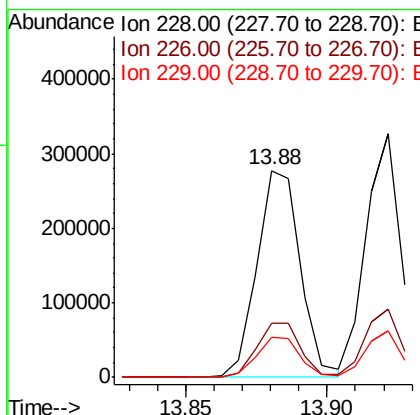
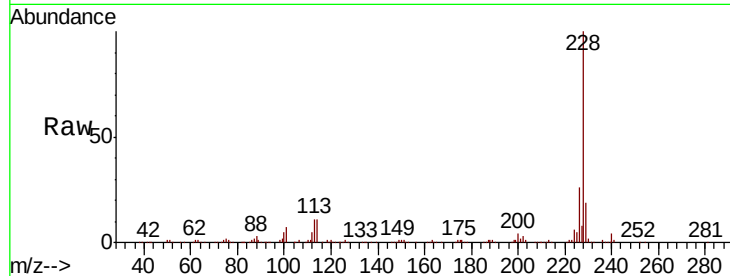
#81
Benzo(a)anthracene
Concen: 24.320 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.0	31.4
229	19.3	16.4	24.6

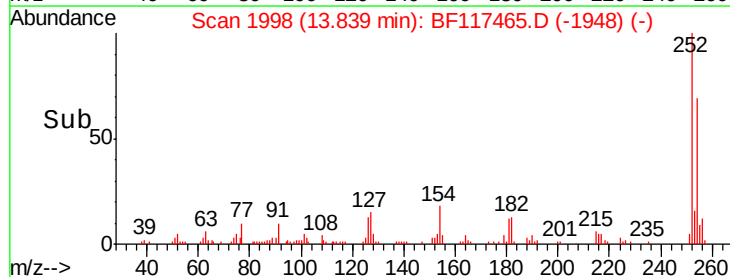
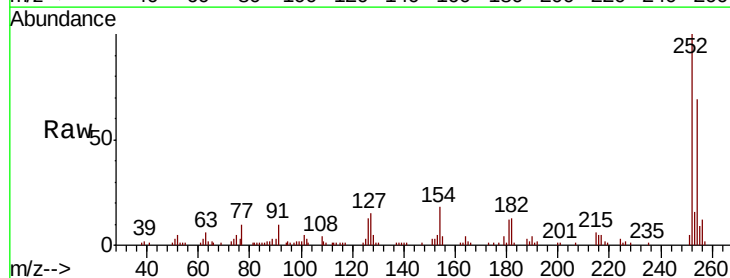
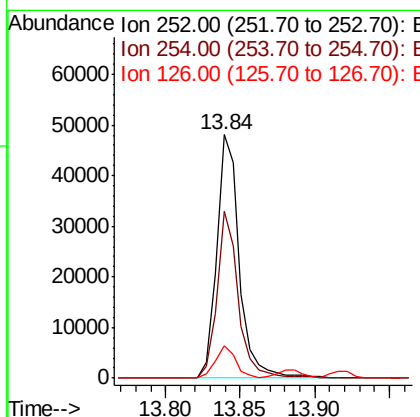
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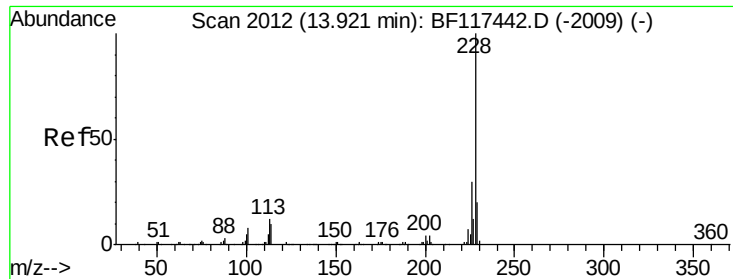
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#82
3,3'-Dichlorobenzidine
Concen: 13.417 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.6	52.2	78.4
126	13.3	9.2	13.8





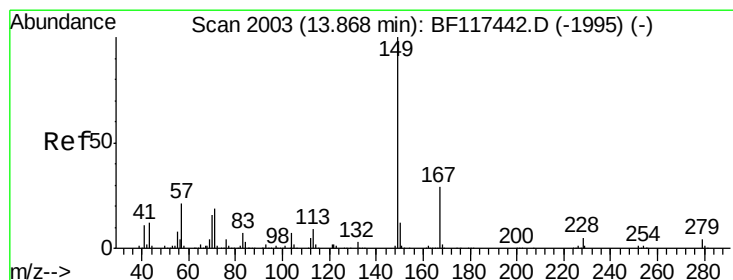
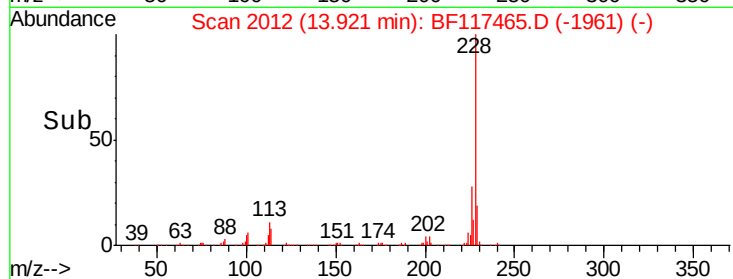
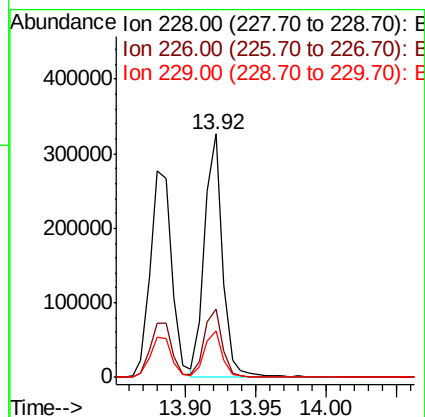
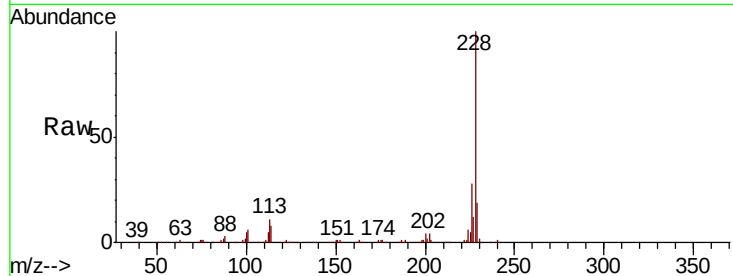
#83
Chrysene
Concen: 24.414 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.9	35.9
229	18.8	15.8	23.6

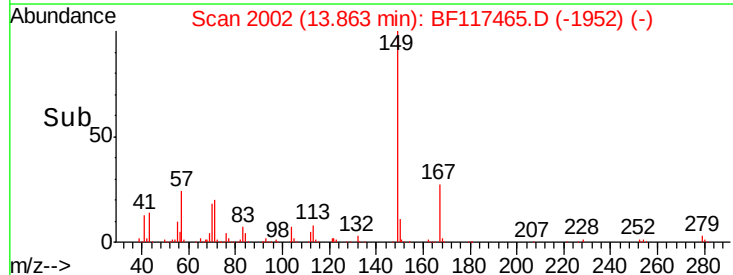
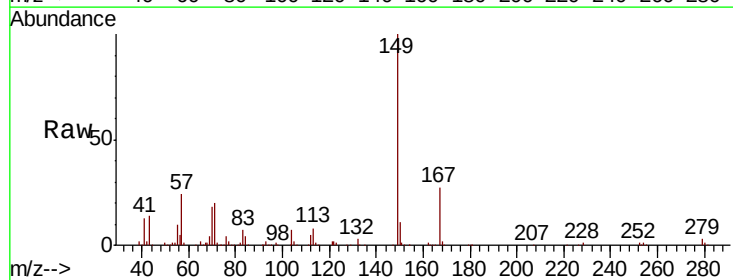
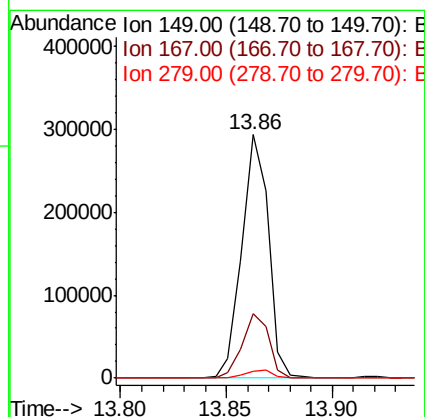
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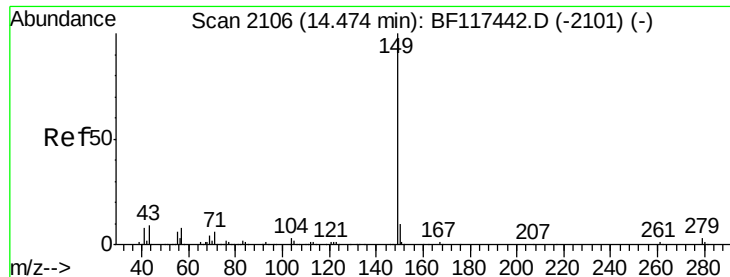
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 23.885 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.3	34.9
279	3.0	3.2	4.8#





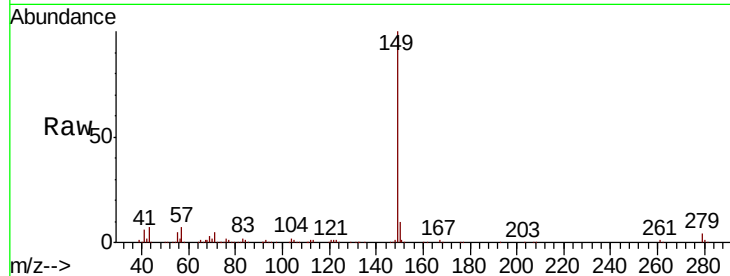
#85
Di-n-octyl phthalate
Concen: 26.643 ng
RT: 14.47 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	440343		
167	1.5		1.2	1.8
43	8.6		6.8	10.2

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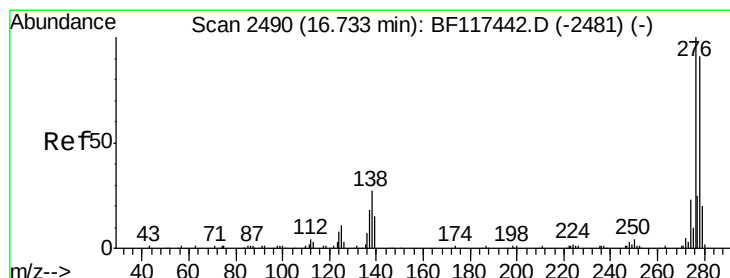
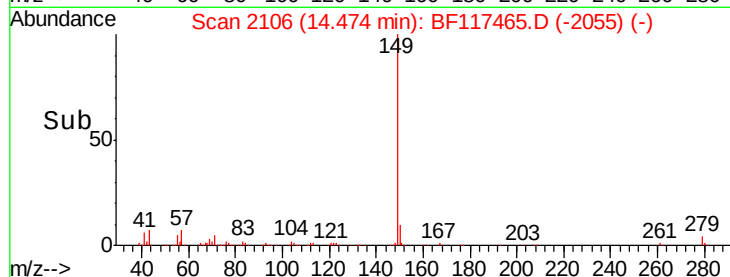
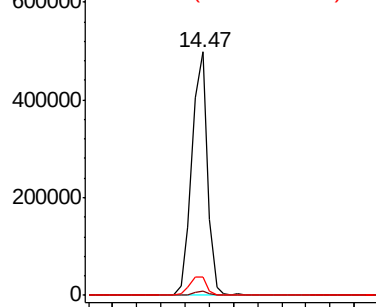


Abundance

Ion 149.00 (148.70 to 149.70): E

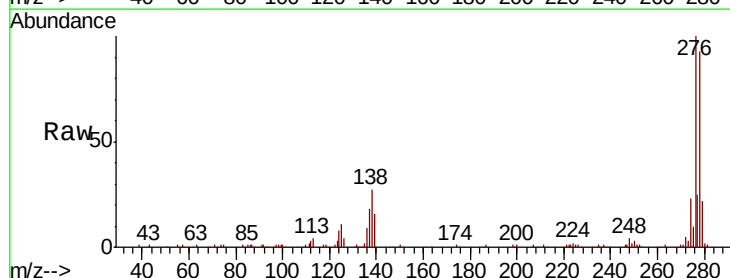
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 28.103 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	249027		
138	26.9		21.8	32.8
277	24.9		20.0	30.0

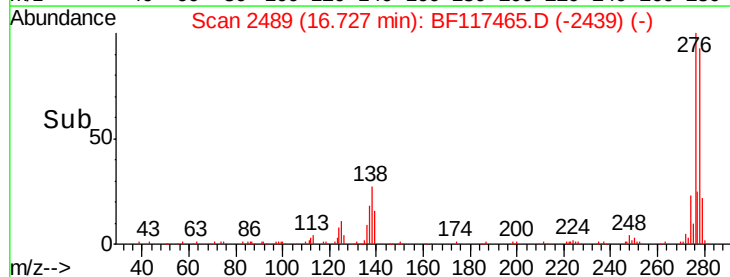
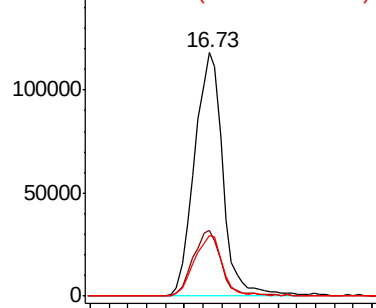


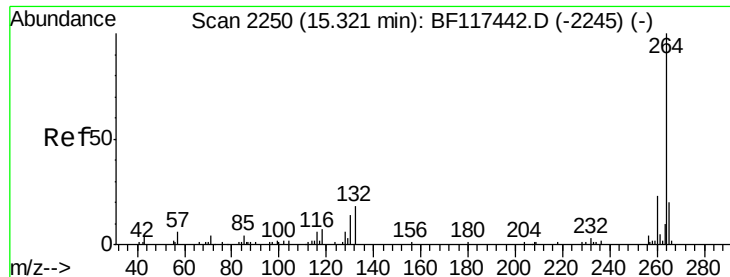
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





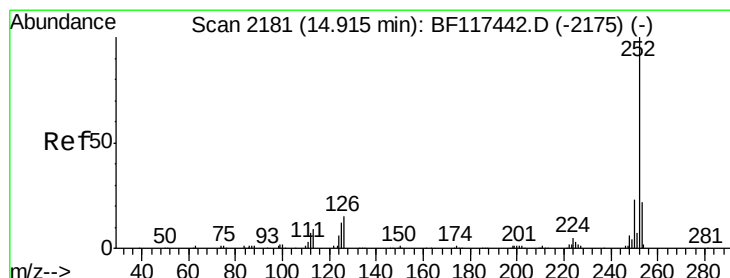
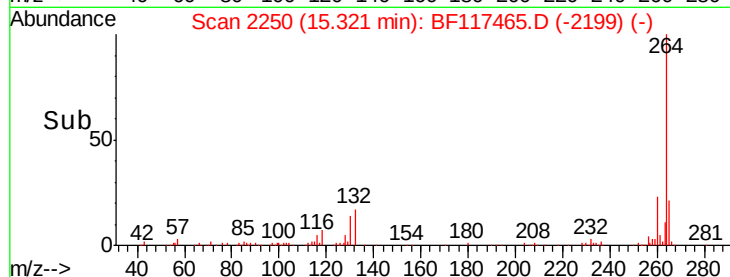
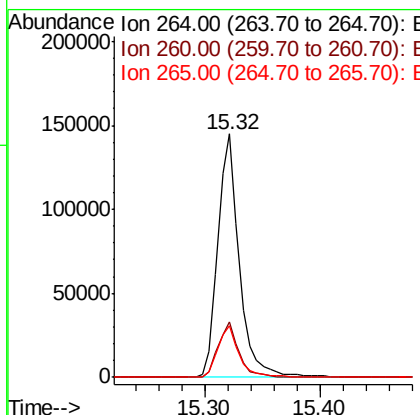
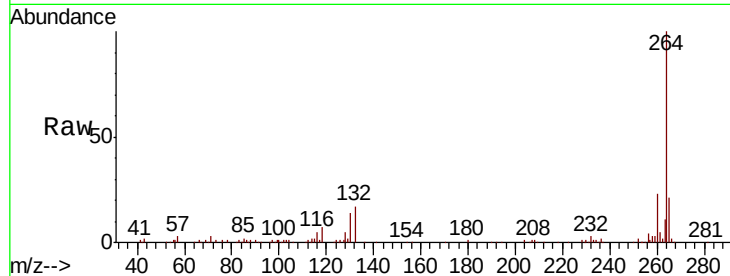
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.1	16.1	24.1

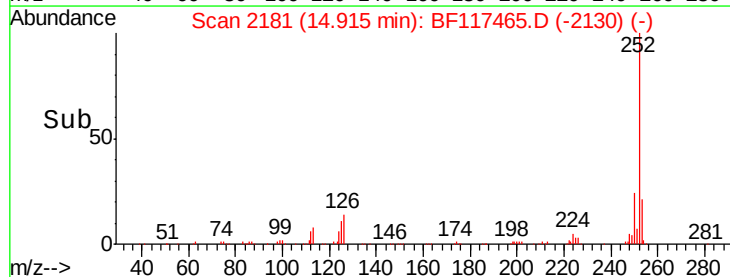
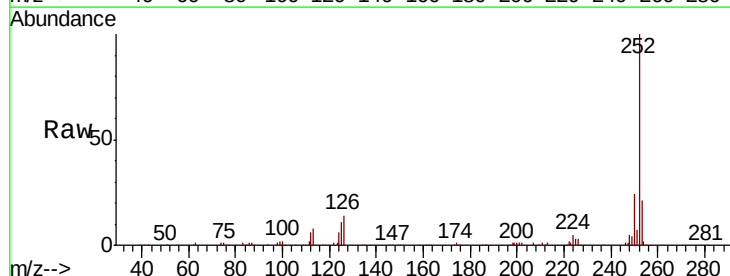
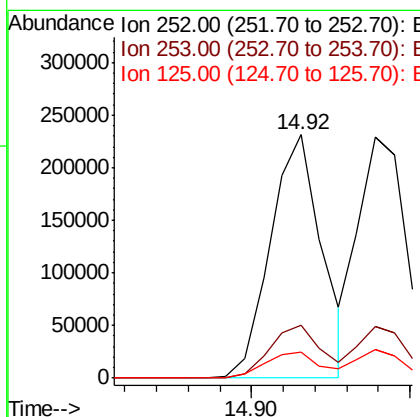
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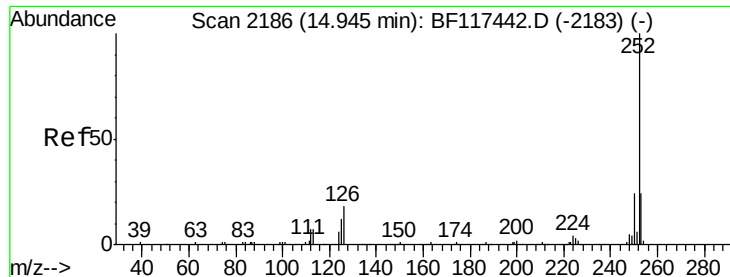
mohammad
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#88
Benzo(b)fluoranthene
Concen: 23.663 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	10.6	9.9	14.9





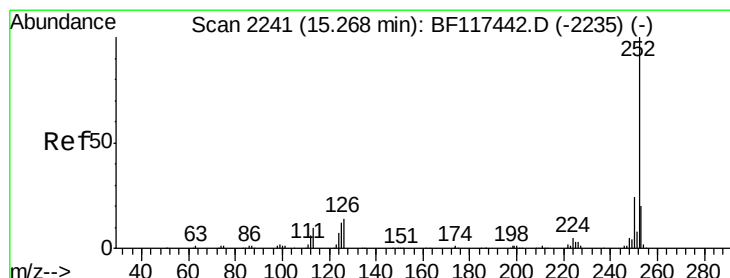
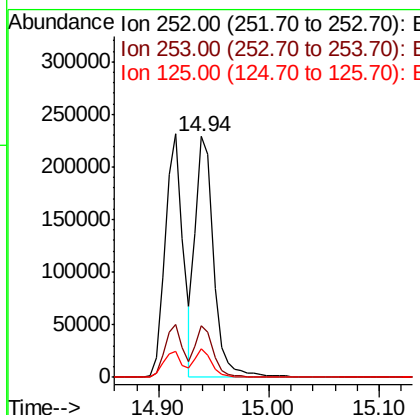
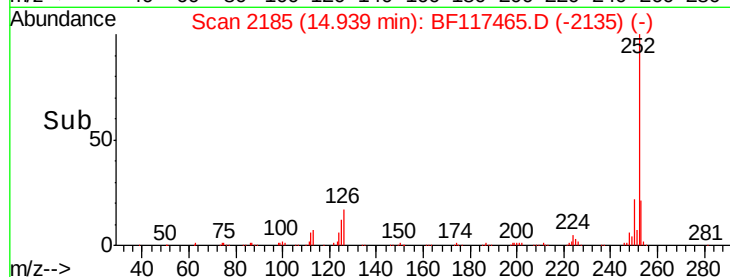
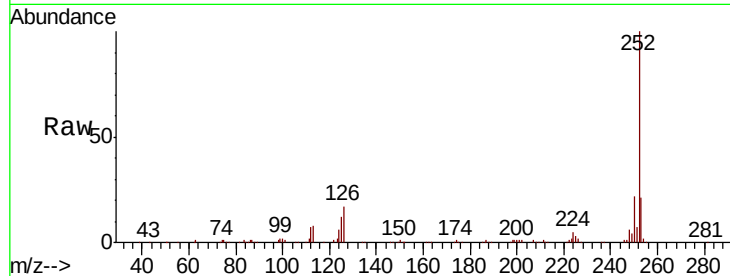
#89
Benzo(k)fluoranthene
Concen: 23.132 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	11.8	8.9	13.3

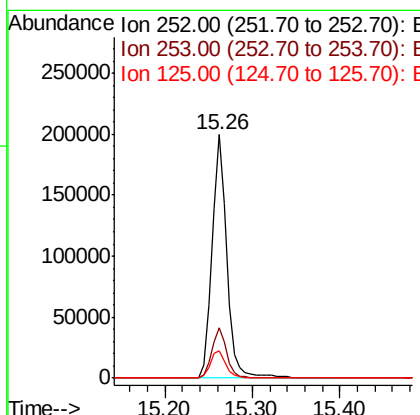
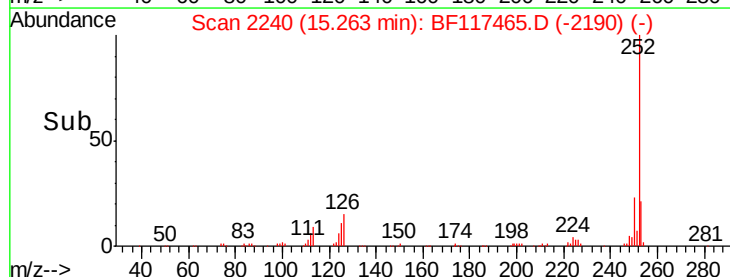
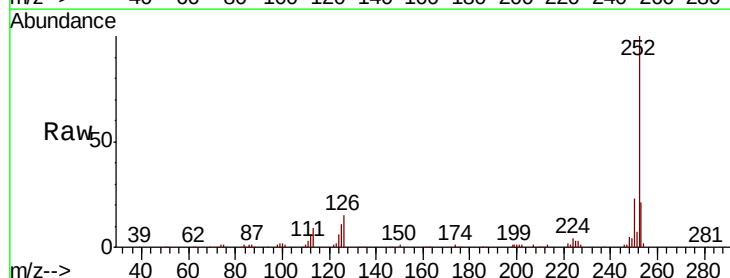
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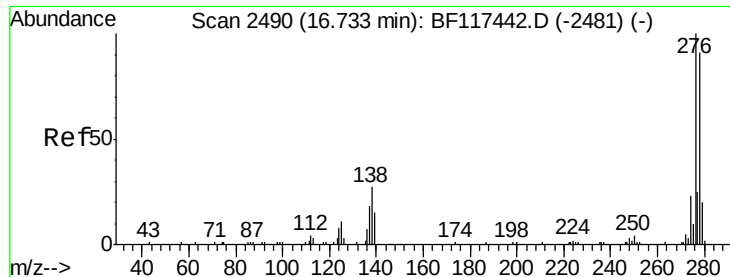
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#90
Benzo(a)pyrene
Concen: 23.488 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.3	24.5
125	11.2	9.2	13.8





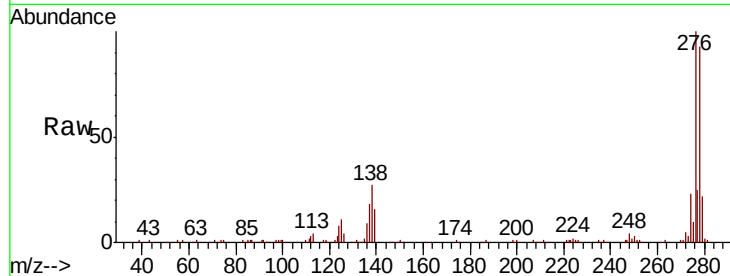
#91
Dibenzo(a,h)anthracene
Concen: 24.881 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.4	20.0
279	23.4	17.8	26.6

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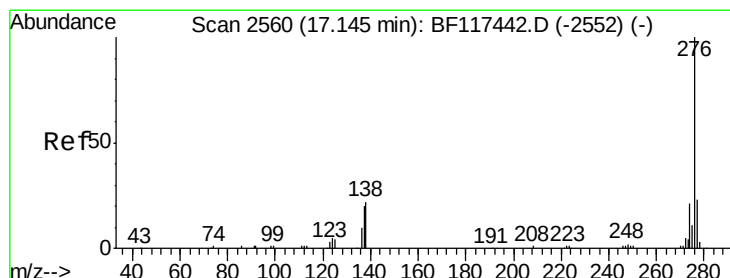
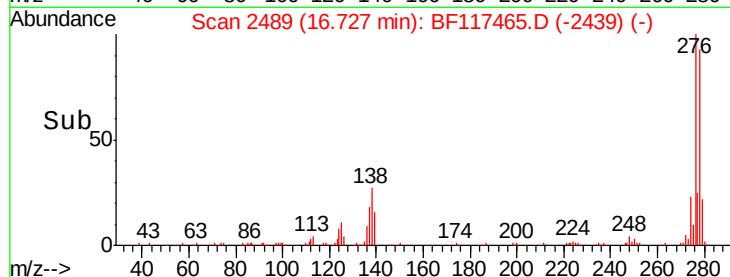
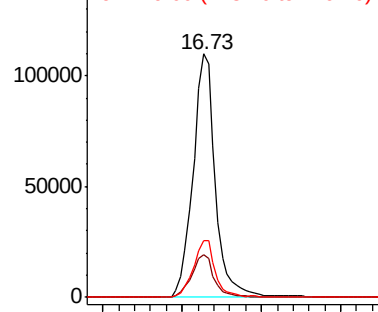


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 25.497 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	24.2	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

