

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117656.D
 Acq On : 31 Oct 2019 14:24
 Operator : JU
 Sample : PB124409BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Manual Integrations
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mohammad
 11/1/2019 12:34:28 PM

Quant Time: Nov 01 01:32:24 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	37346	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	152909	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	79756	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	128636	20.00	ng	0.00
76) Chrysene-d12	13.90	240	84842	20.00	ng	0.00
87) Perylene-d12	15.34	264	76964	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	183659	73.16	ng	0.01
7) Phenol-d6	6.39	99	258942	76.80	ng	0.00
23) Nitrobenzene-d5	7.30	82	226926	73.26	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	47139	68.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	401121	70.86	ng	-0.01
79) Terphenyl-d14	12.83	244	395662	76.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	31781	30.112	ng	# 93
3) Pyridine	3.18	79	71003	27.481	ng	97
4) n-Nitrosodimethylamine	3.12	42	32406	34.573	ng	99
6) Aniline	6.39	93	98161	24.799	ng	# 75
8) 2-Chlorophenol	6.52	128	101604	38.357	ng	99
9) Benzaldehyde	6.28	77	57762	33.877	ng	98
10) Phenol	6.40	94	126470	36.752	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	91662	36.012	ng	99
12) 1,3-Dichlorobenzene	6.66	146	102378	34.634	ng	99
13) 1,4-Dichlorobenzene	6.75	146	105868	35.304	ng	96
14) 1,2-Dichlorobenzene	6.90	146	100600	35.590	ng	98
15) Benzyl Alcohol	6.89	79	92614	38.447	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	96081	34.992	ng	# 43
17) 2-Methylphenol	7.01	107	83514	38.325	ng	96
18) Hexachloroethane	7.23	117	38712	33.074	ng	91
19) n-Nitroso-di-n-propylamine	7.15	70	74816	36.334	ng	97
20) 3+4-Methylphenols	7.17	107	111818	39.138	ng	# 63
22) Acetophenone	7.14	105	149014	36.700	ng	# 94
24) Nitrobenzene	7.32	77	112859	38.043	ng	99
25) Isophorone	7.56	82	200249	37.373	ng	99
26) 2-Nitrophenol	7.63	139	52994	40.052	ng	93
27) 2,4-Dimethylphenol	7.68	122	88328	44.669	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	121230	36.667	ng	99
29) 2,4-Dichlorophenol	7.89	162	79807	38.479	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	79065	35.524	ng	95
31) Naphthalene	8.03	128	293222	38.688	ng	99
32) Benzoic acid	7.85	122	38582	28.487	ng	95
33) 4-Chloroaniline	8.10	127	59294	18.537	ng	98
34) Hexachlorobutadiene	8.15	225	43016	33.391	ng	98
35) Caprolactam	8.47	113	28069m	42.129	ng	
36) 4-Chloro-3-methylphenol	8.59	107	95433	40.346	ng	97
37) 2-Methylnaphthalene	8.72	142	197855	38.741	ng	98
38) 1-Methylnaphthalene	8.82	142	186938	38.954	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	73672	34.296	ng	99

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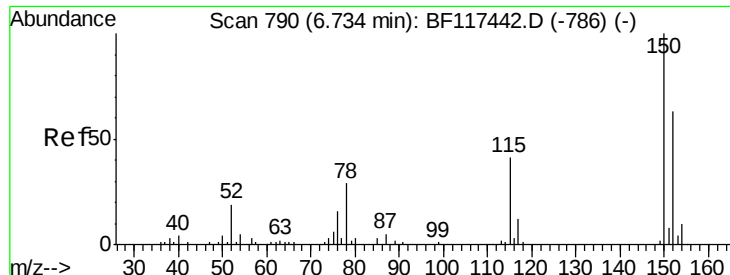
Manual Integrations
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Quant Time: Nov 01 01:32:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	18340	42.800	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	46941	34.894	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	51933	38.098	nq	93
46) 1,1'-Biphenyl	9.19	154	231954	35.130	nq	98
47) 2-Chloronaphthalene	9.21	162	179107	35.977	nq	99
48) 2-Nitroaniline	9.32	65	63009	38.554	nq	89
49) Acenaphthylene	9.63	152	287260	39.284	nq	99
50) Dimethylphthalate	9.49	163	205271	36.103	nq	99
51) 2,6-Dinitrotoluene	9.56	165	46575	39.255	nq	95
52) Acenaphthene	9.80	154	168861	37.639	nq	100
53) 3-Nitroaniline	9.74	138	31529	21.902	nq	100
54) 2,4-Dinitrophenol	9.87	184	34255	70.363	nq	93
55) Dibenzofuran	9.97	168	253757	39.041	nq	97
56) 4-Nitrophenol	9.95	139	12550m	22.091	nq	
57) 2,4-Dinitrotoluene	9.98	165	64230	40.718	nq	# 84
58) Fluorene	10.32	166	208357	38.763	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	38053	35.518	nq	# 94
60) Diethylphthalate	10.19	149	208945	36.332	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	88832	36.836	nq	97
62) 4-Nitroaniline	10.36	138	47694	35.149	nq	99
63) Azobenzene	10.46	77	227354	38.619	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	22927	35.056	nq	98
66) n-Nitrosodiphenylamine	10.42	169	182333	38.772	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	49393	35.648	nq	95
68) Hexachlorobenzene	10.87	284	52335	35.269	nq	94
69) Atrazine	10.96	200	55153	46.096	nq	98
70) Pentachlorophenol	11.09	266	14863	33.413	nq	# 88
71) Phenanthrene	11.27	178	295196	39.521	nq	98
72) Anthracene	11.33	178	311480	40.642	nq	99
73) Carbazole	11.49	167	282039	40.268	nq	99
74) Di-n-butylphthalate	11.80	149	333463	35.632	nq	99
75) Fluoranthene	12.47	202	292837	39.163	nq	99
77) Benzidine	12.59	184	114460	51.753	nq	97
78) Pyrene	12.70	202	298350	40.940	nq	99
80) Butylbenzylphthalate	13.30	149	139009	38.332	nq	92
81) Benzo(a)anthracene	13.89	228	225985	39.488	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	48515	27.016	nq	96
83) Chrysene	13.93	228	215963	38.504	nq	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	186800	36.772	nq	# 95
85) Di-n-octyl phthalate	14.47	149	291539	37.327	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	180203	43.033	nq	97
88) Benzo(b)fluoranthene	14.93	252	181525	39.941	nq	98
89) Benzo(k)fluoranthene	14.95	252	169391	36.364	nq	99
90) Benzo(a)pyrene	15.28	252	159928	38.703	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	151795	42.484	nq	98
92) Benzo(g,h,i)perylene	17.19	276	151175	44.717	nq	97

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



#1

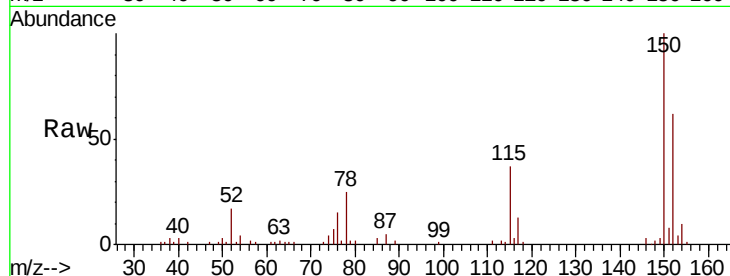
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.8	190.2
115	60.5	51.6	77.4

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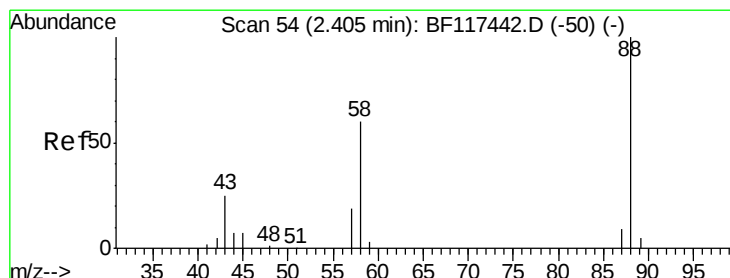
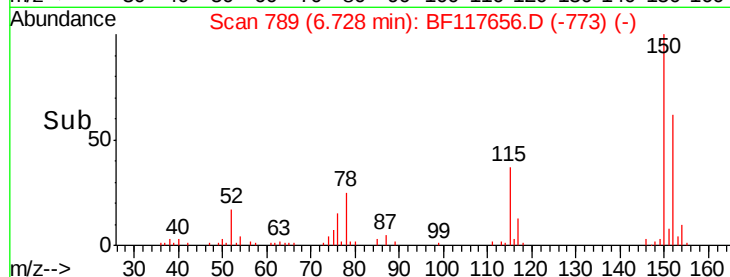
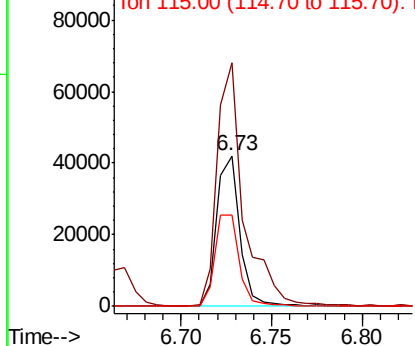


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

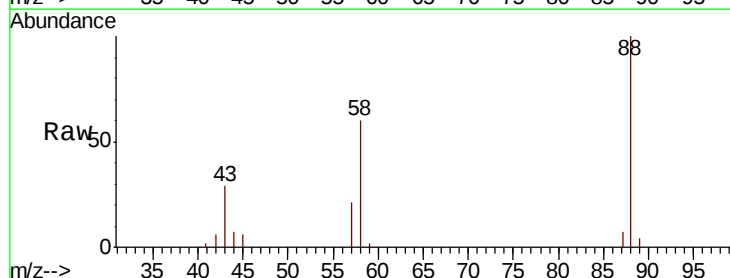
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.112 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	48.8	73.2
43	29.6	18.5	27.7

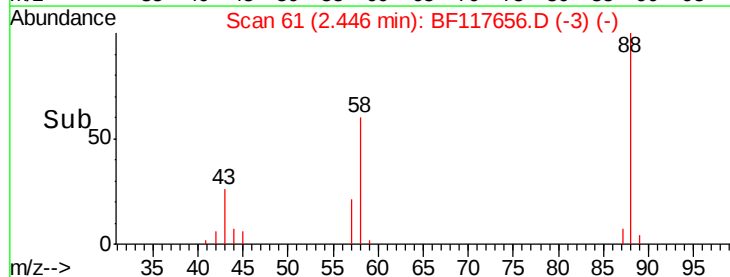
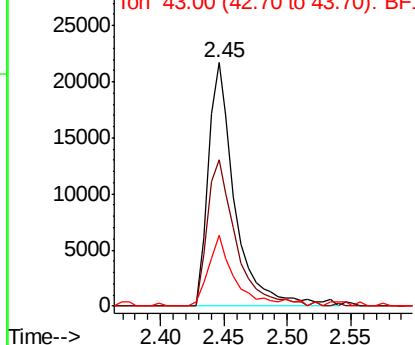


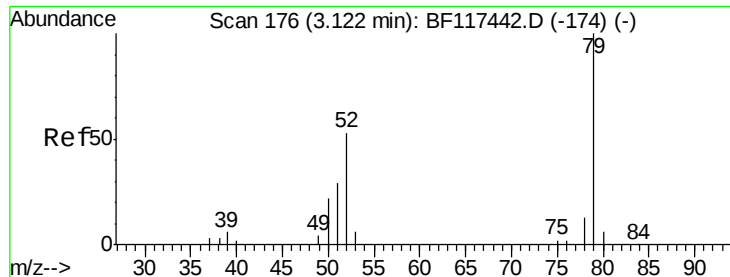
Abundance

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: 27.481 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.05 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

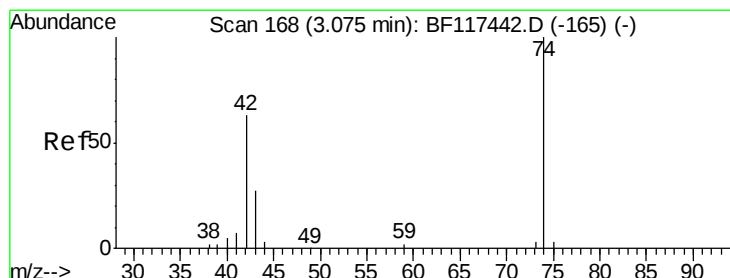
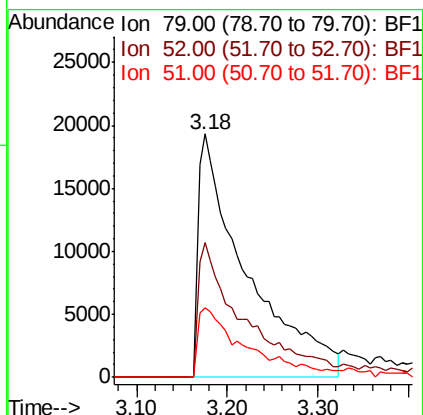
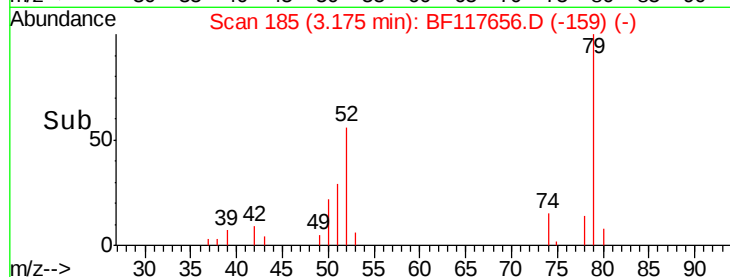
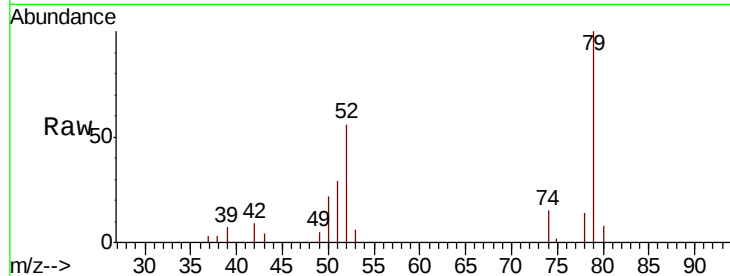
ClientSampleId :

PB124409BSD

Tot Ion:	79	Resp:	71003
Ion	Ratio	Lower	Upper
79	100		
52	55.5	42.4	63.6
51	28.8	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 34.573 ng

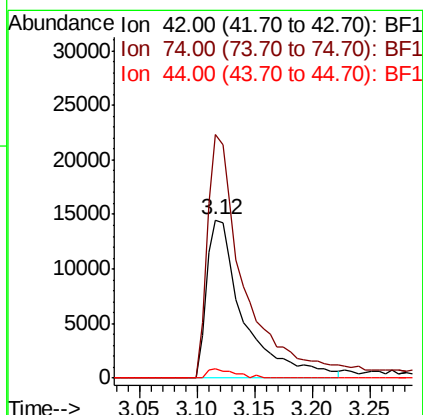
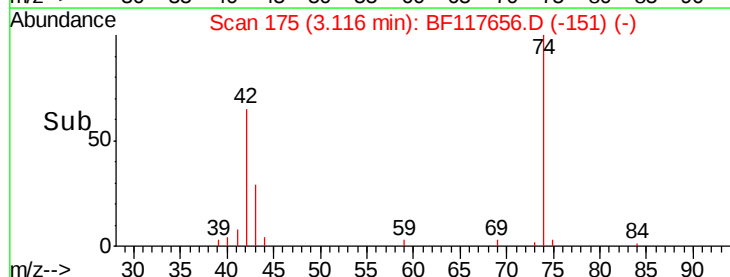
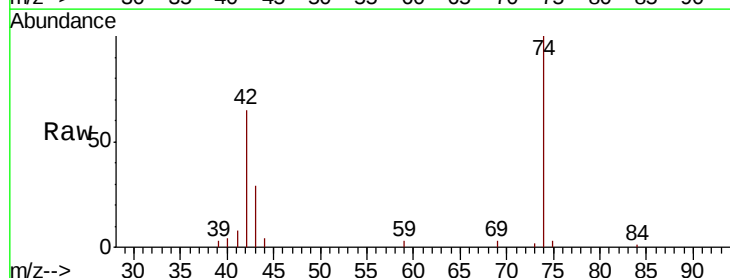
RT: 3.12 min Scan# 175

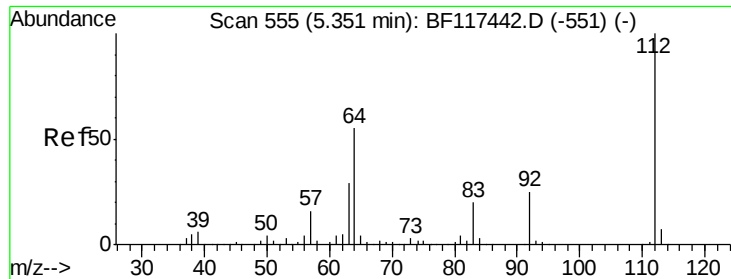
Delta R.T. 0.04 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	42	Resp:	32406
Ion	Ratio	Lower	Upper
42	100		
74	154.1	124.2	186.4
44	5.6	4.2	6.4





#5

2-Fluorophenol

Concen: 73.162 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

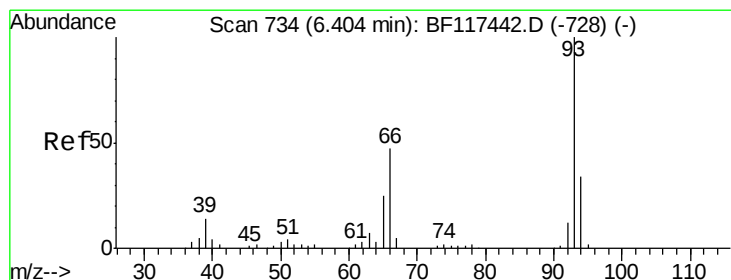
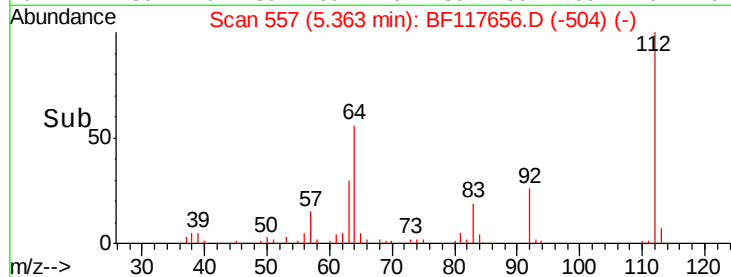
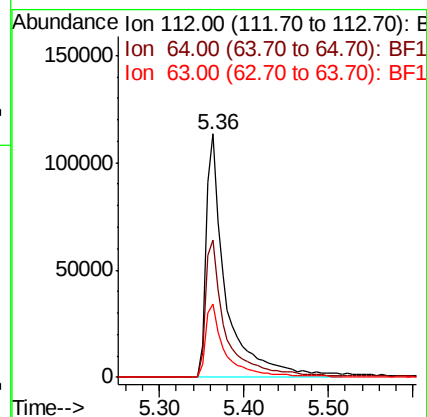
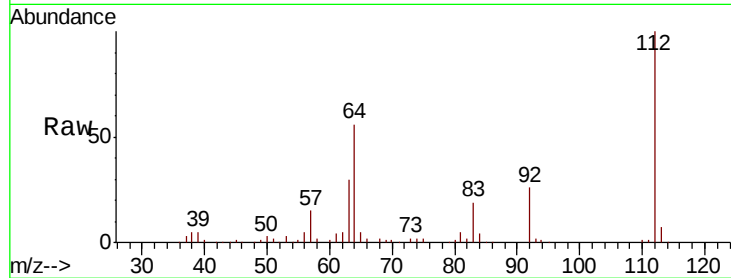
ClientSampleId :

PB124409BSD

Tot Ion:	112	Resp:	183659
Ion Ratio	Lower	Upper	
112	100		
64	56.5	44.1	66.1
63	30.4	23.4	35.2

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#6

Aniline

Concen: 24.799 ng

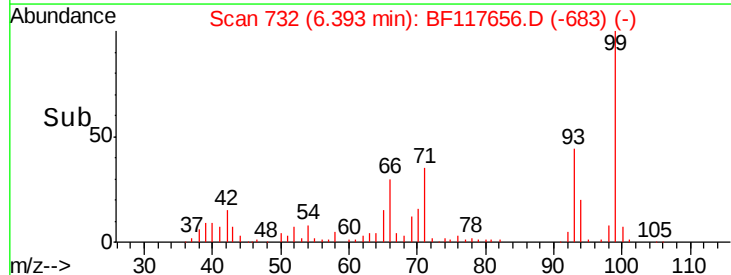
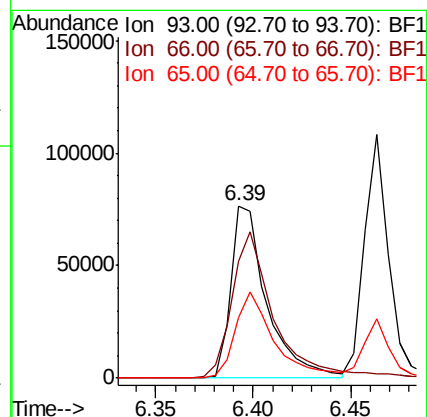
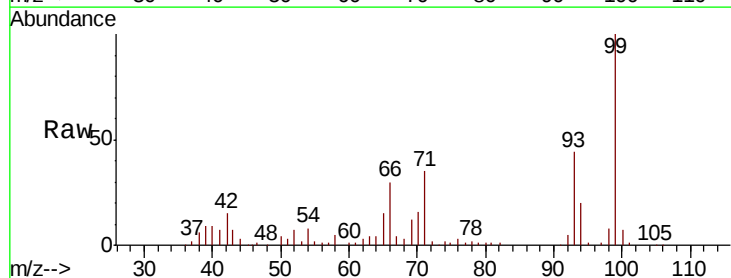
RT: 6.39 min Scan# 732

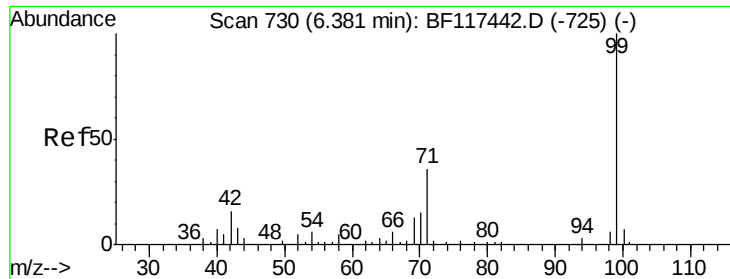
Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	93	Resp:	98161
Ion Ratio	Lower	Upper	
93	100		
66	67.6	38.7	58.1#
65	34.8	20.1	30.1#





#7

Phenol-d6

Concen: 76.800 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

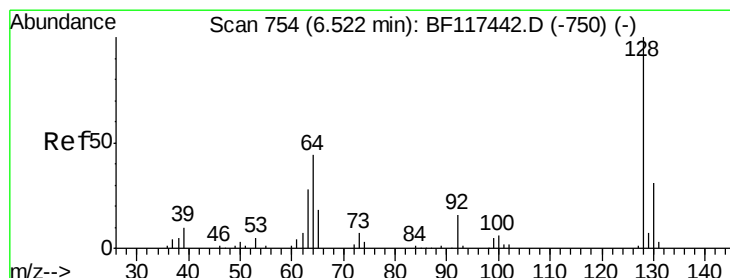
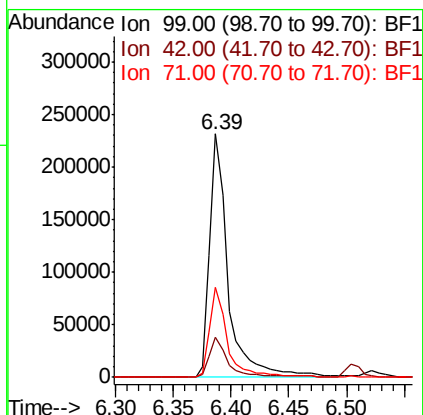
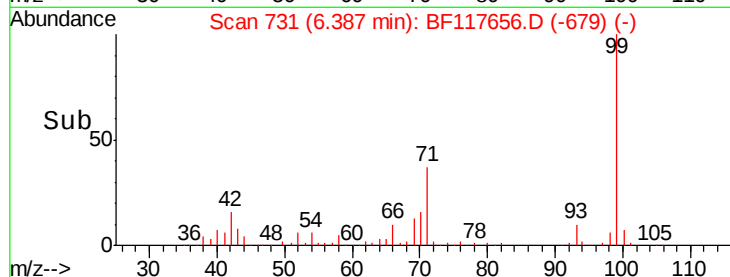
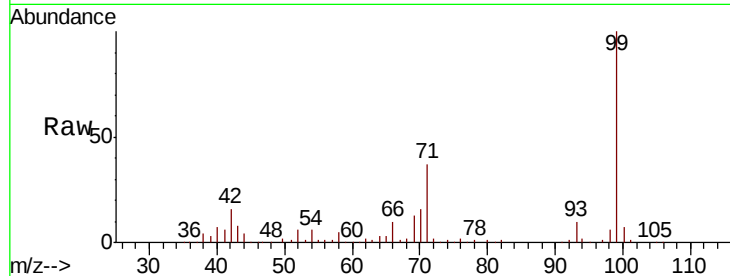
ClientSampleId :

PB124409BSD

Tot Ion:	99	Resp:	258942
Ion Ratio	Lower	Upper	
99	100		
42	16.4	12.8	19.2
71	37.0	28.6	43.0

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#8

2-Chlorophenol

Concen: 38.357 ng

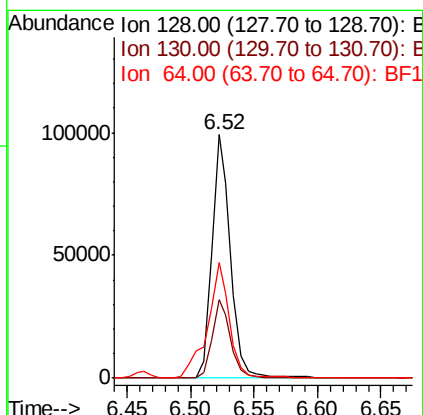
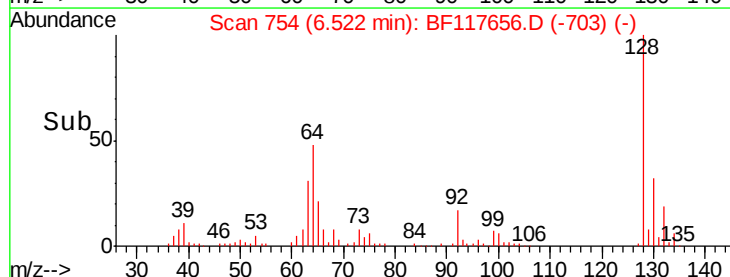
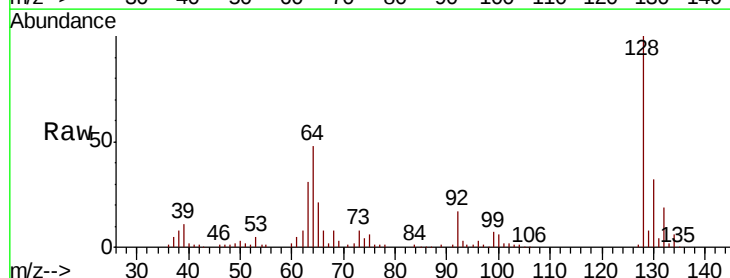
RT: 6.52 min Scan# 754

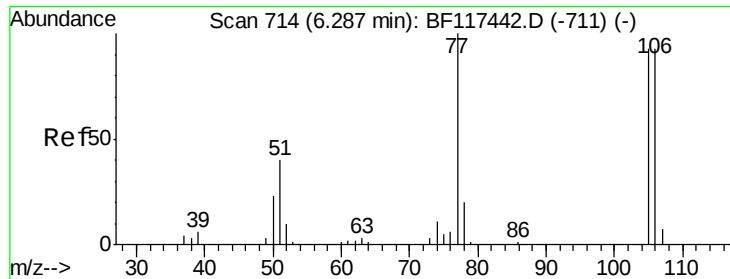
Delta R.T. 0.00 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	128	Resp:	101604
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.1	51.1
64	47.6	27.1	67.1





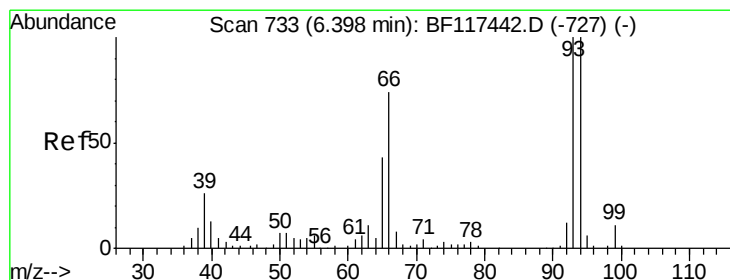
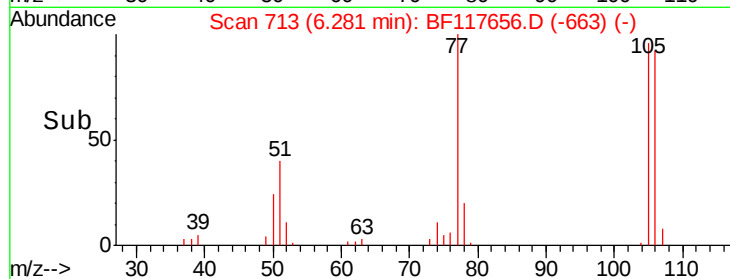
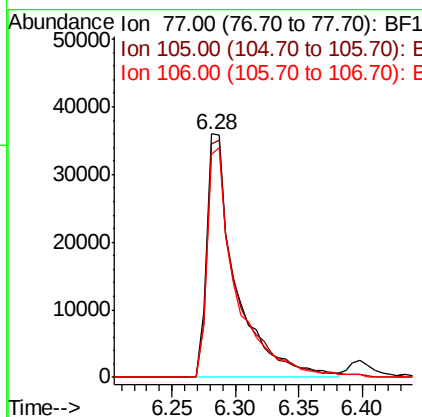
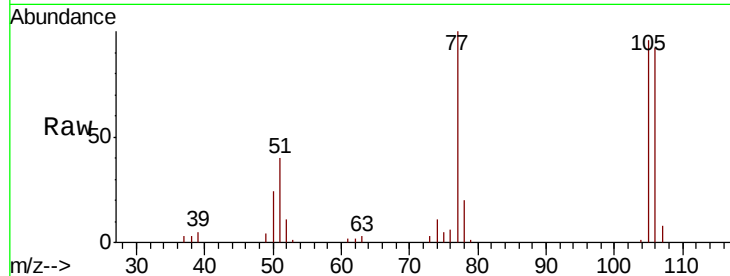
#9
Benzaldehyde
Concen: 33.877 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.0	73.4	113.4
106	91.7	73.0	113.0

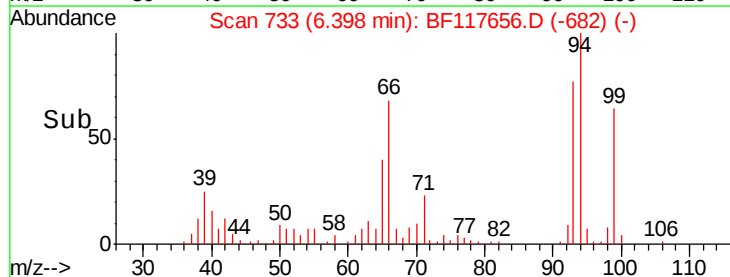
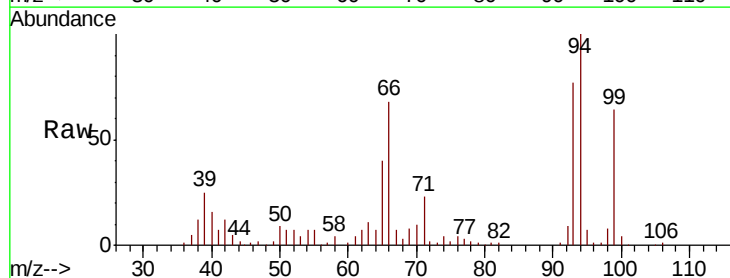
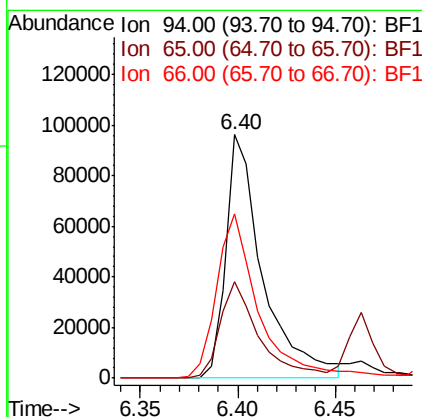
Manual Integrations
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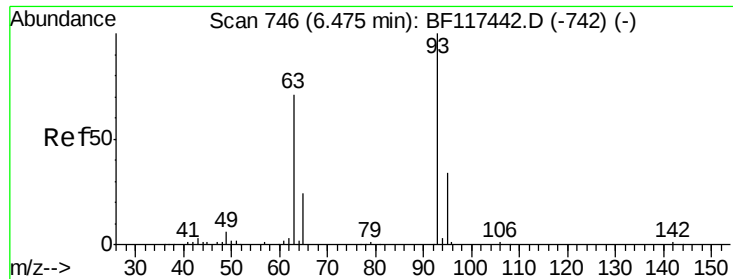
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11/1/2019 12:34:28 PM



#10
Phenol
Concen: 36.752 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.8	23.4	63.4
66	67.6	54.7	94.7





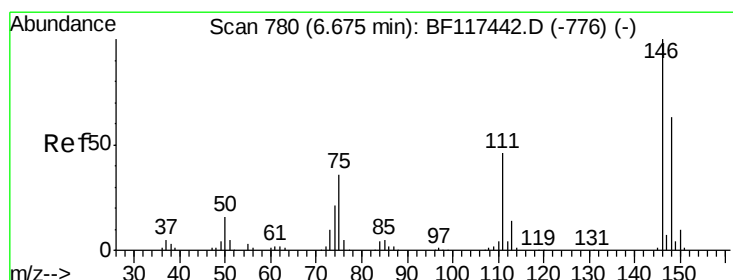
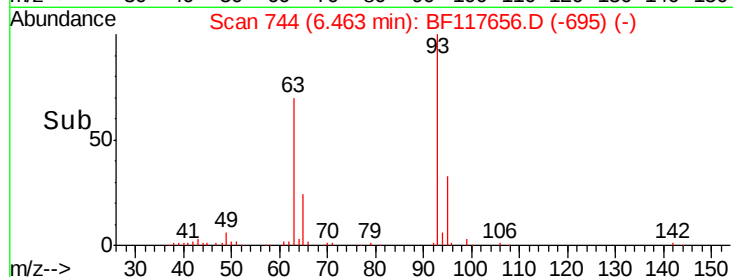
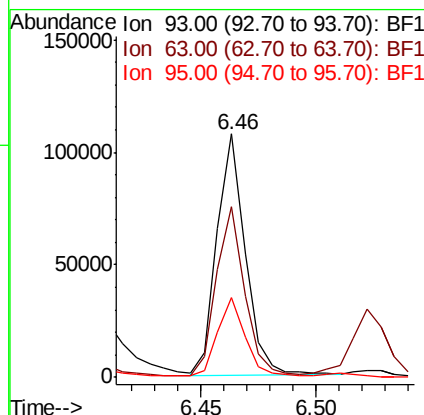
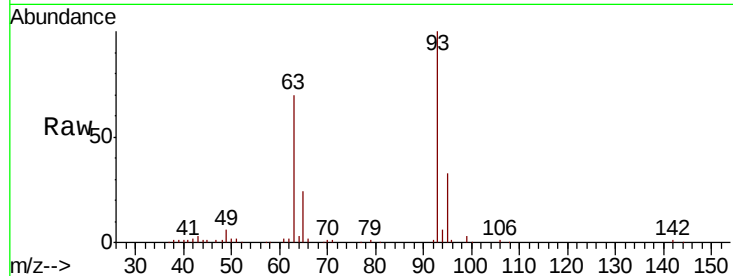
#11
bis(2-Chloroethyl)ether
Concen: 36.012 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	50.2	90.2
95	32.8	13.9	53.9

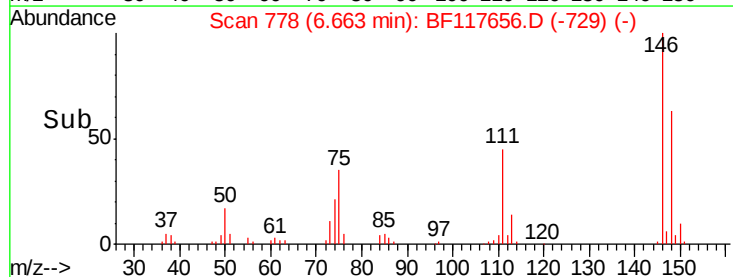
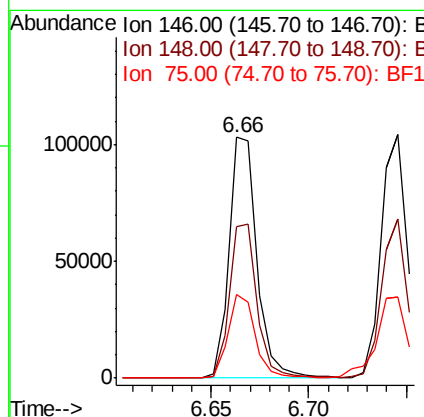
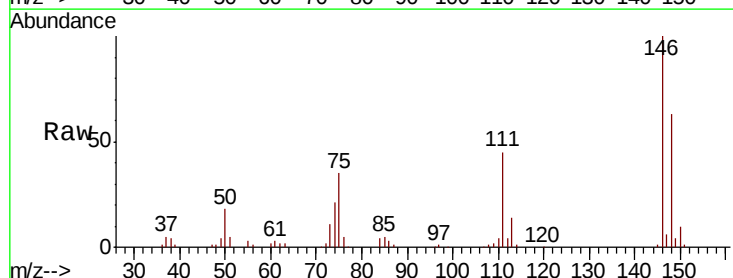
Manual Integrations
APPROVED

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#12
1,3-Dichlorobenzene
Concen: 34.634 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
75	34.9	28.6	43.0





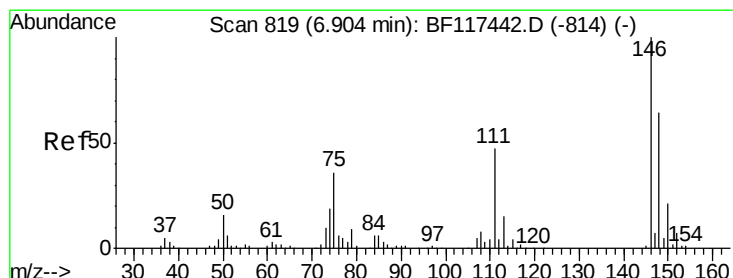
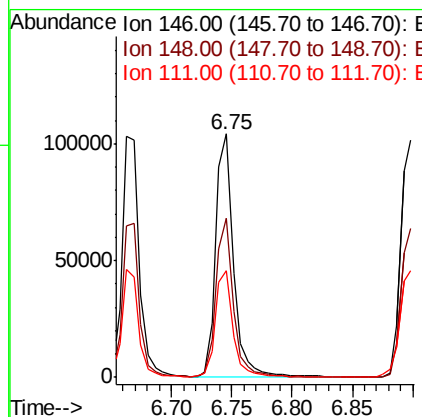
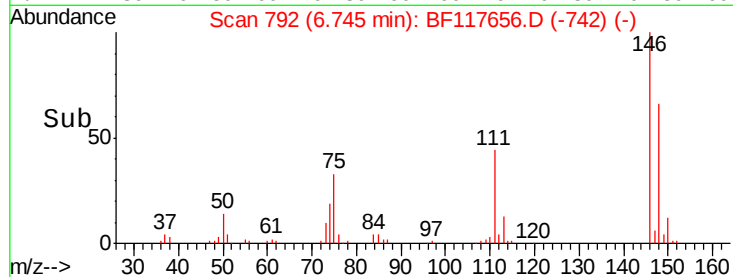
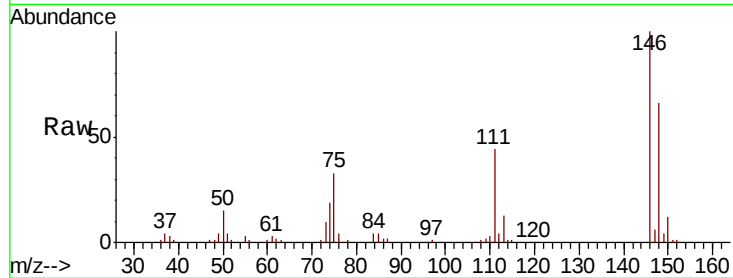
#13
1,4-Dichlorobenzene
Concen: 35.304 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleID :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.3	73.9
111	43.6	33.6	50.4

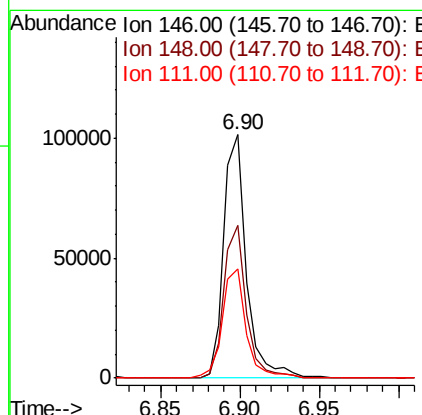
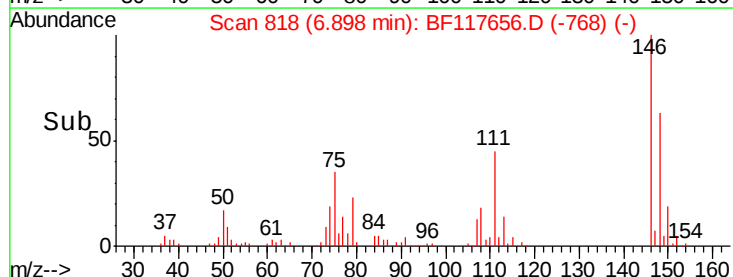
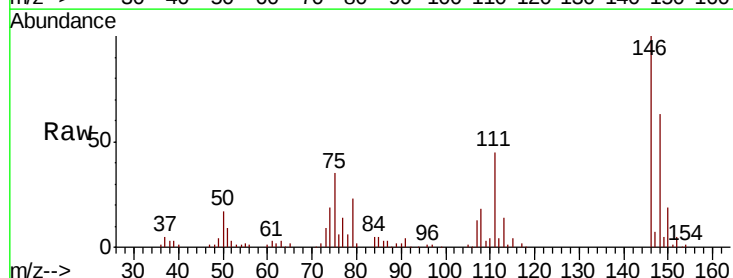
Manual Integrations
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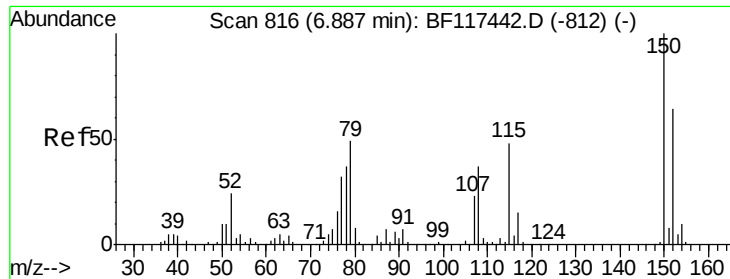
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#14
1,2-Dichlorobenzene
Concen: 35.590 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.0
111	45.0	37.7	56.5





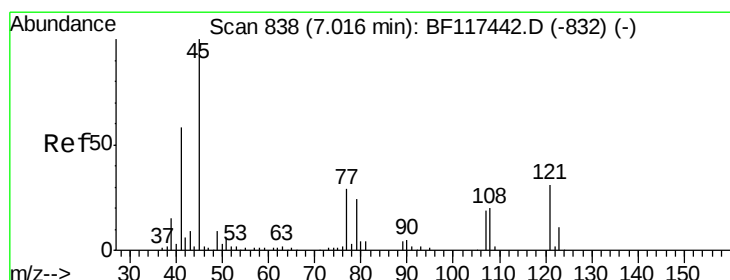
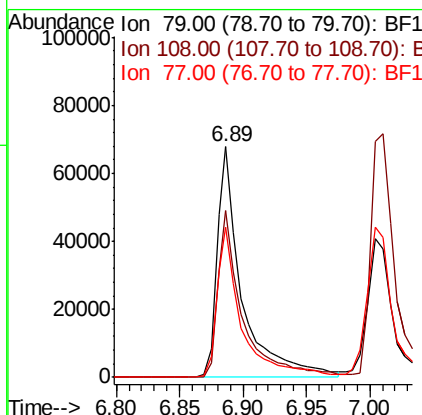
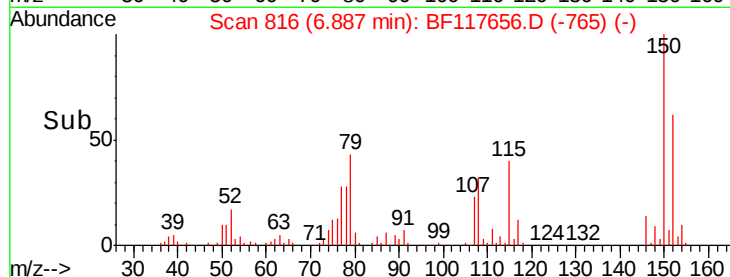
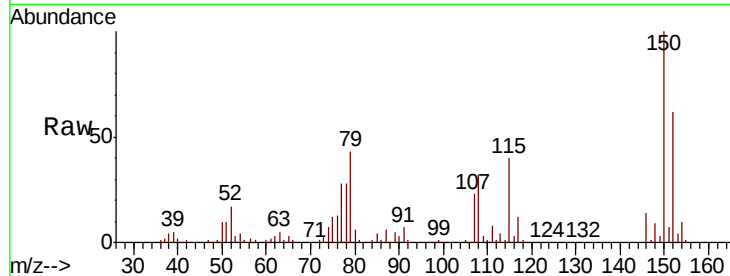
#15
Benzyl Alcohol
Concen: 38.447 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleID :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	59.8	89.8
77	65.0	51.4	77.0

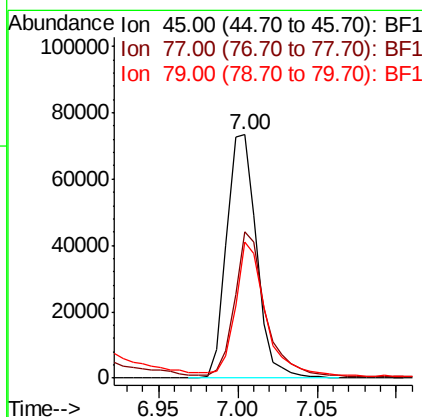
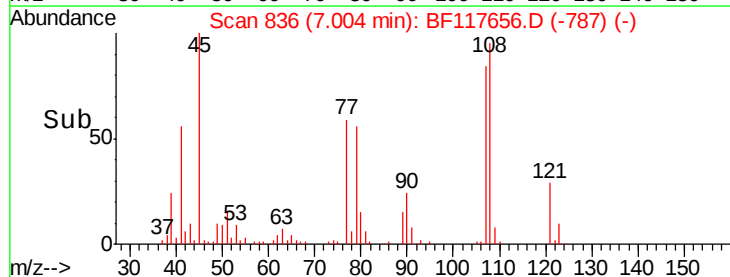
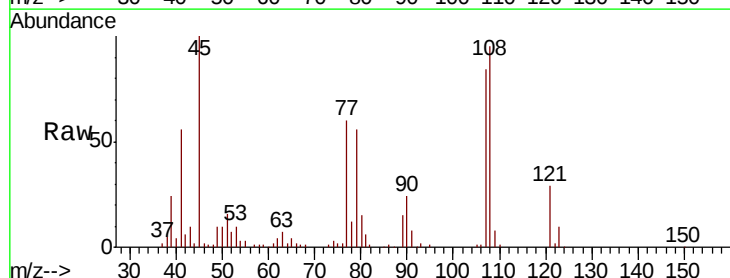
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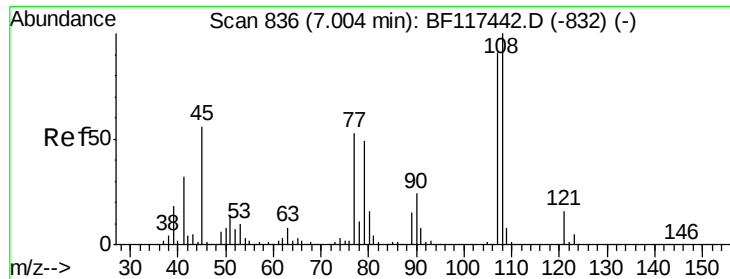
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.992 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	60.0	9.9	49.9#
79	55.6	5.5	45.5#





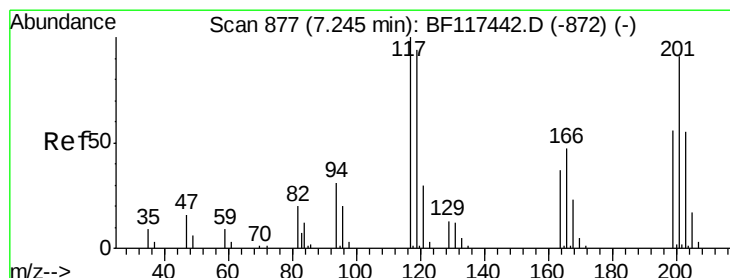
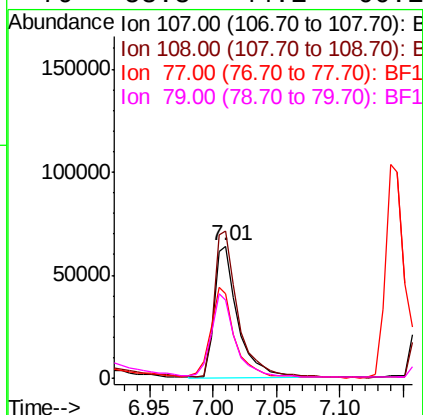
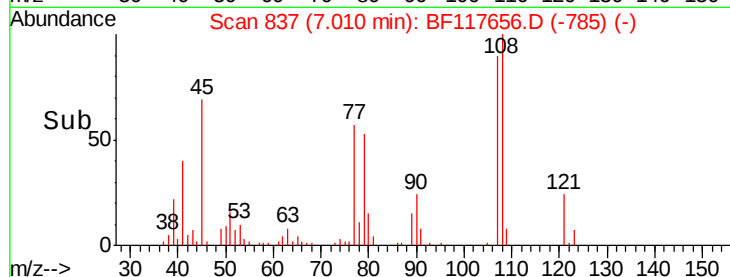
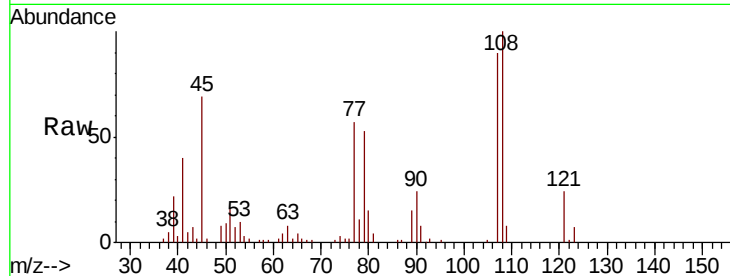
#17
2-Methylphenol
Concen: 38.325 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:	107	Resp:	83514
Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.0	132.0
77	64.0	47.2	70.8
79	58.8	44.1	66.1

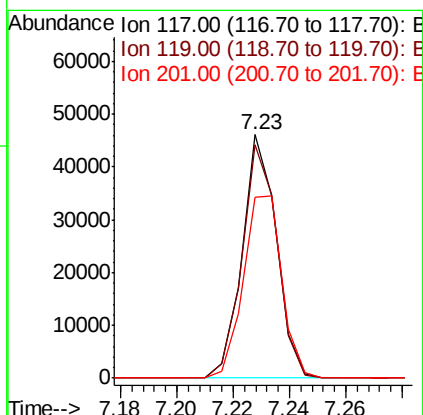
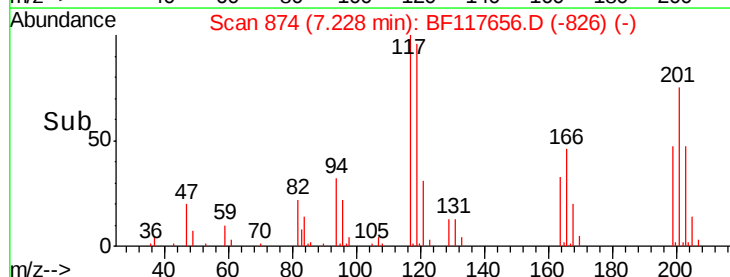
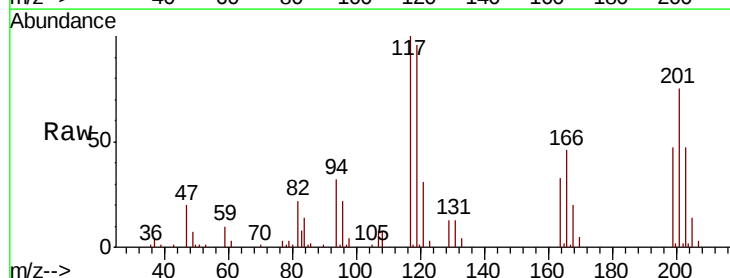
Manual Integrations
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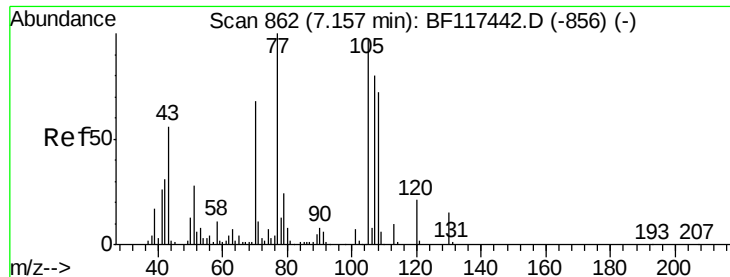
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#18
Hexachloroethane
Concen: 33.074 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:	117	Resp:	38712
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	74.5	72.5	108.7





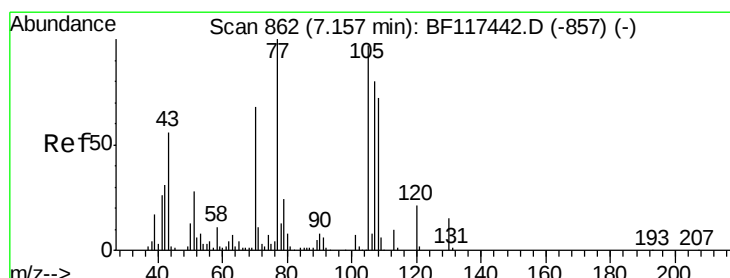
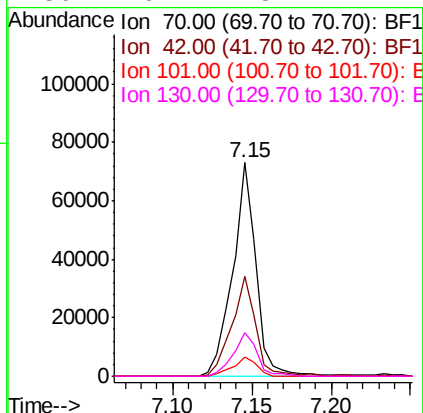
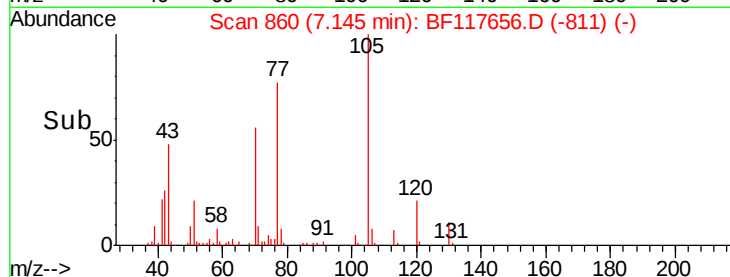
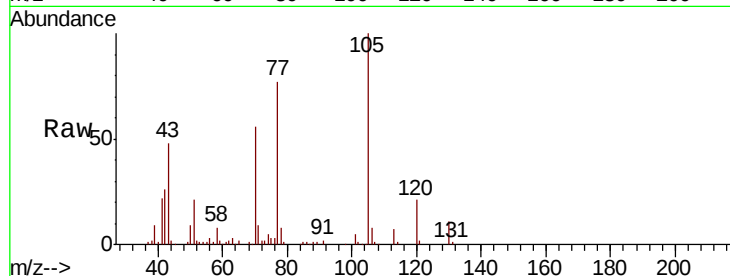
#19
n-Nitroso-di-n-propylamine
Concen: 36.334 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	36.7	55.1
101	9.0	8.3	12.5
130	20.2	18.1	27.1

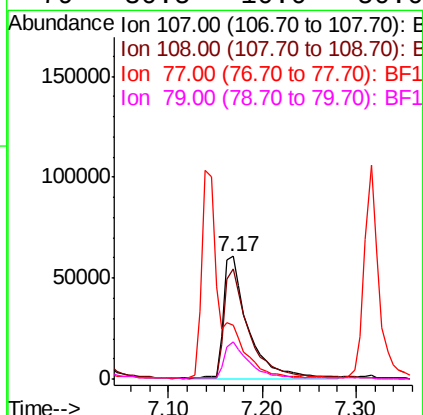
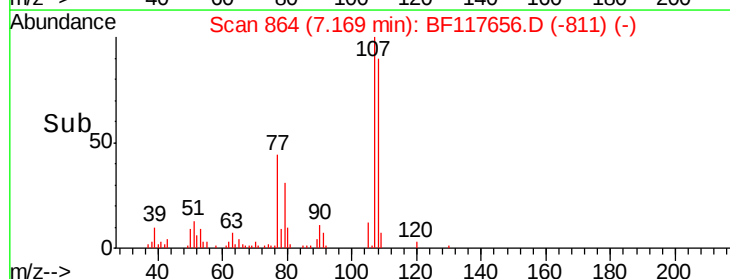
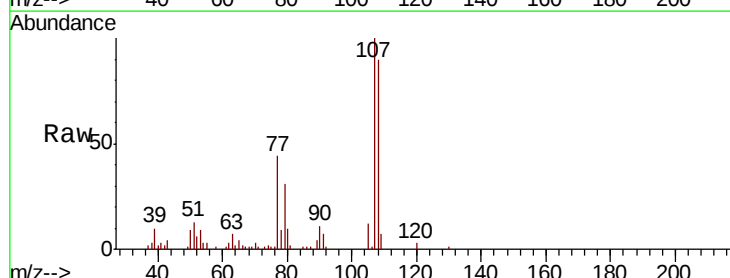
Manual Integrations
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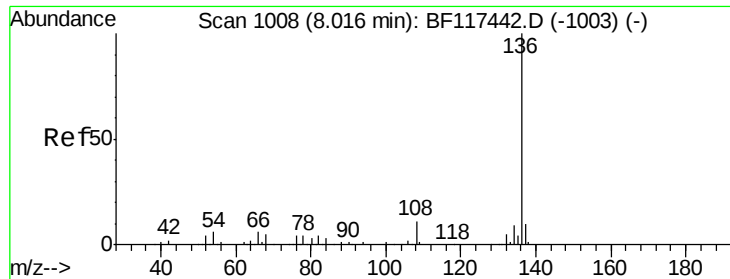
mohammad
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#20
3+4-Methylphenols
Concen: 39.138 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.3	110.3
77	43.8	104.8	144.8#
79	30.5	10.0	50.0





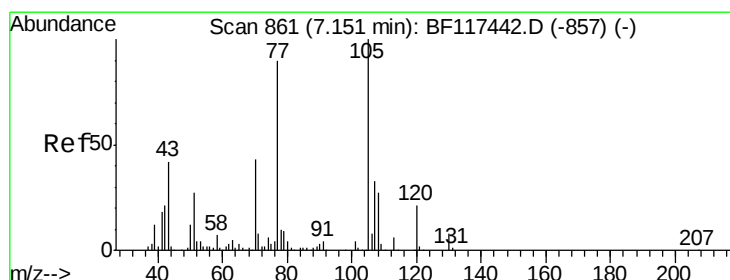
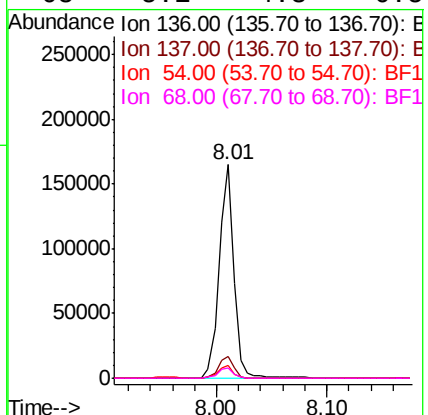
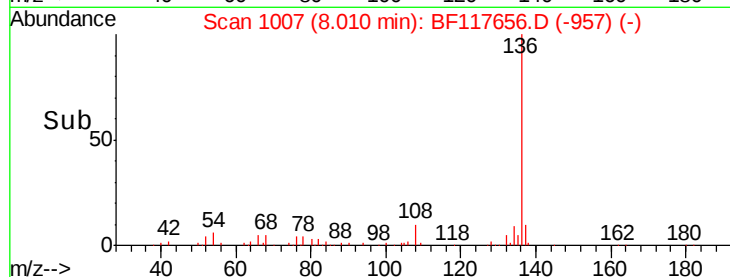
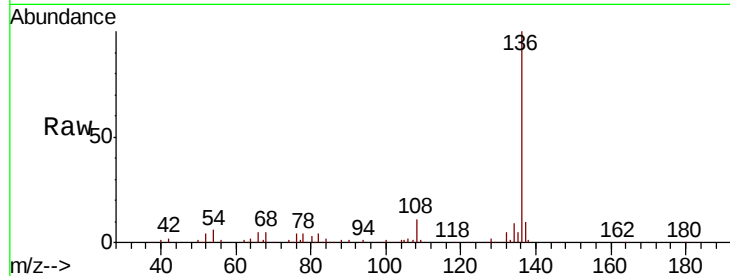
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	152909		
137	10.2		8.2	12.4
54	6.1		4.5	6.7
68	5.1		4.3	6.5

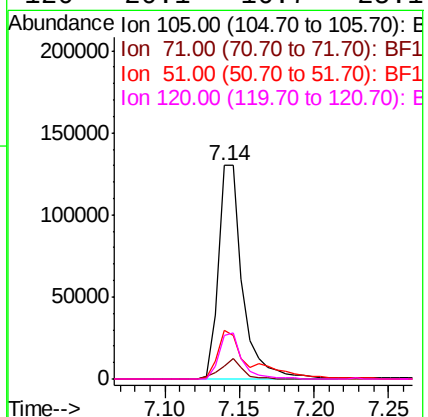
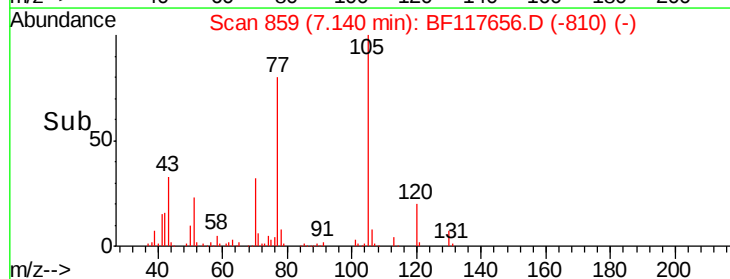
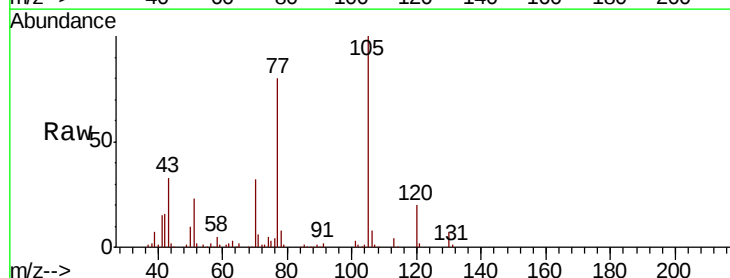
Manual Integrations
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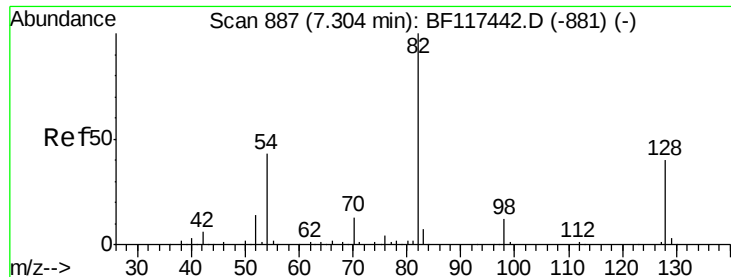
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#22
Acetophenone
Concen: 36.700 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	149014		
71	5.7		6.2	9.2#
51	22.6		21.8	32.6
120	20.1		16.7	25.1





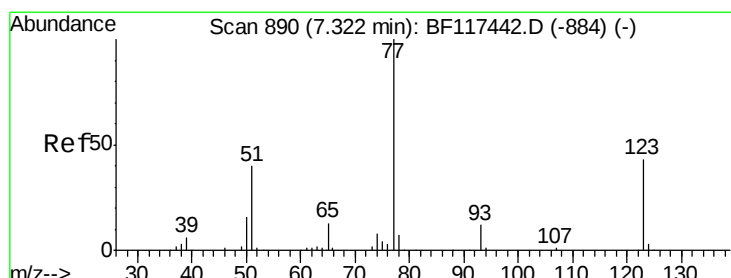
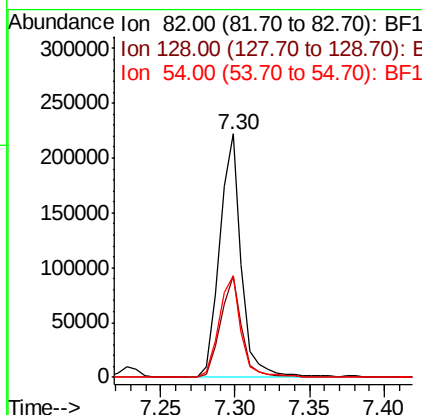
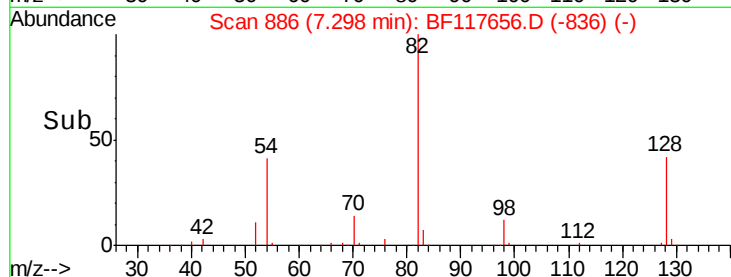
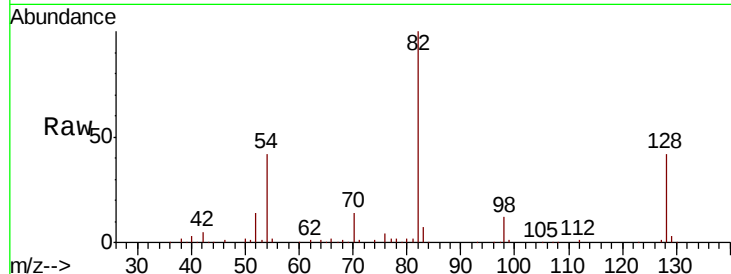
#23
Nitrobenzene-d5
Concen: 73.265 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	226926		
128	41.9		32.2	48.2
54	41.9		34.2	51.2

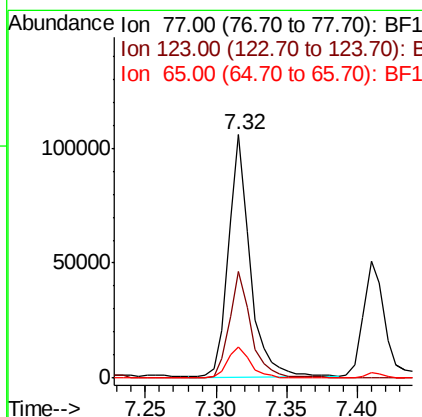
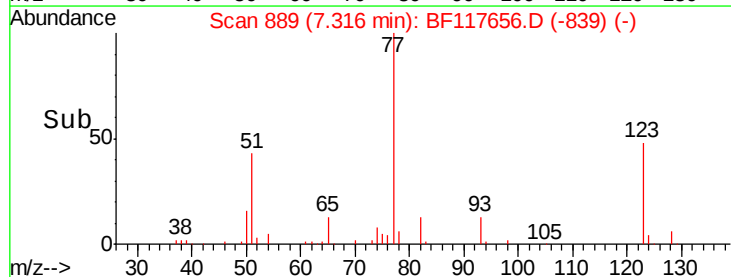
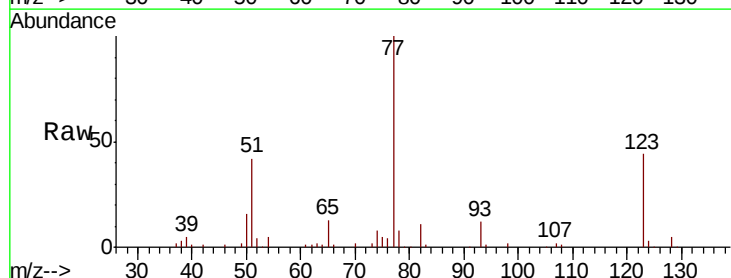
Manual Integrations
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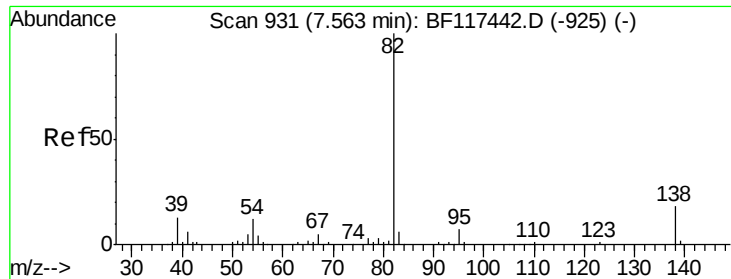
mohammad
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#24
Nitrobenzene
Concen: 38.043 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	112859		
123	43.7		34.2	51.2
65	12.7		10.3	15.5





#25

Isophorone

Concen: 37.373 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

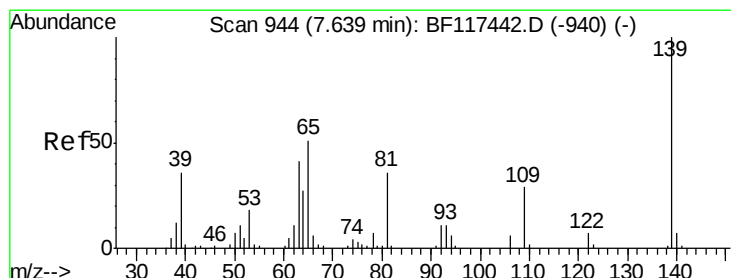
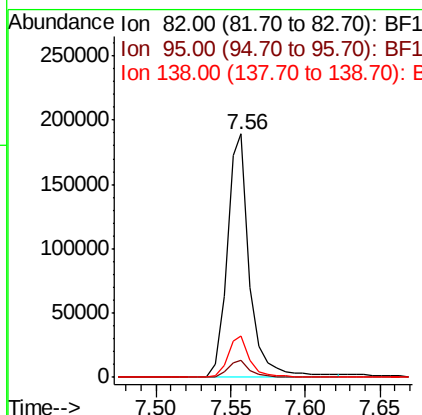
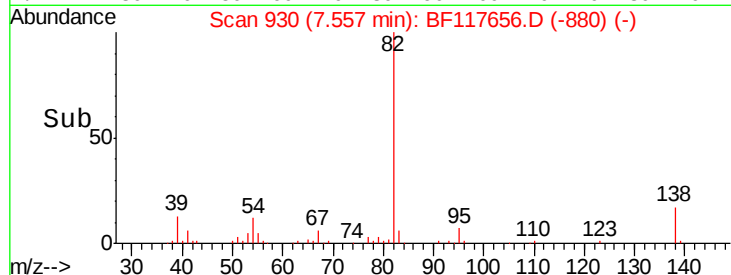
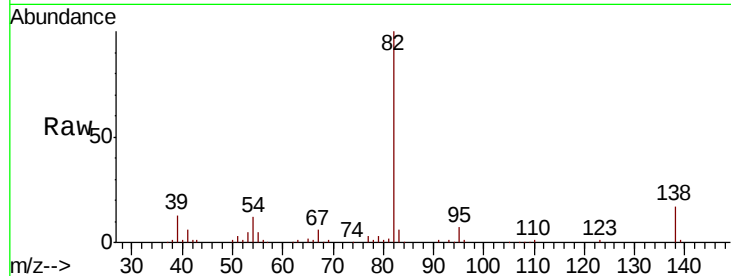
ClientSampleId :

PB124409BSD

Tot Ion:	82	Resp:	200249
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.0
138	17.2	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.052 ng

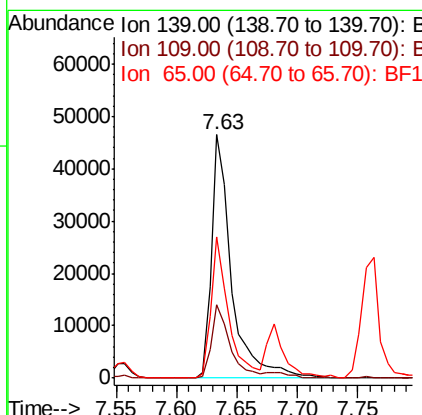
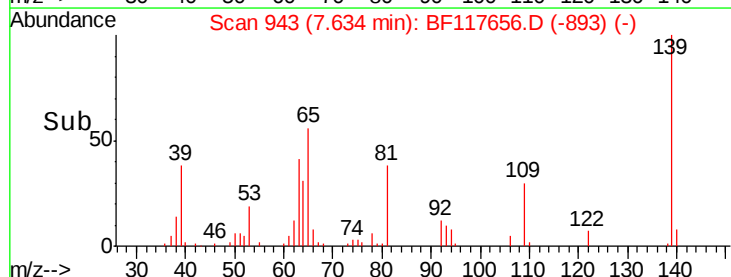
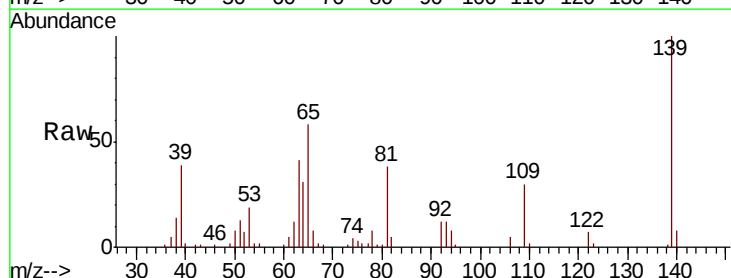
RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	139	Resp:	52994
Ion Ratio		Lower	Upper
139	100		
109	30.2	23.2	34.8
65	58.2	41.1	61.7





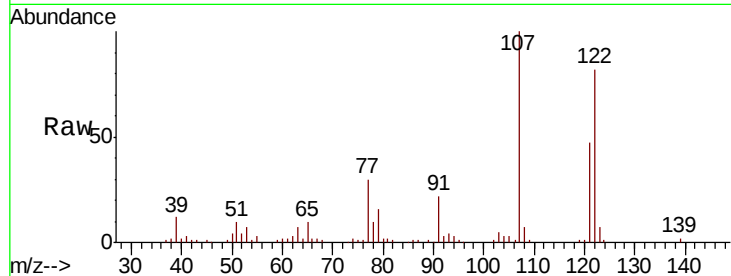
#27
2,4-Dimethylphenol
Concen: 44.669 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampled :
PB124409BSD

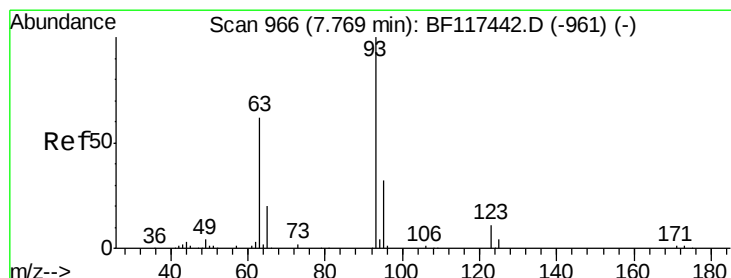
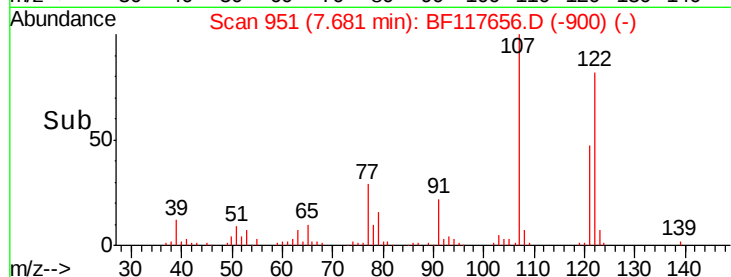
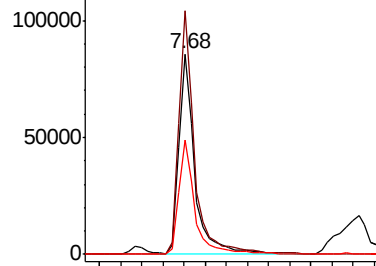
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	96.8	145.2
121	57.3	46.4	69.6

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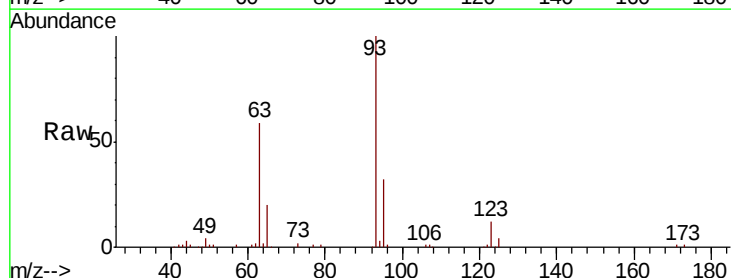


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

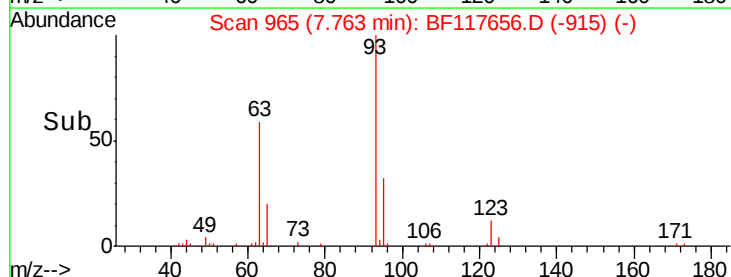
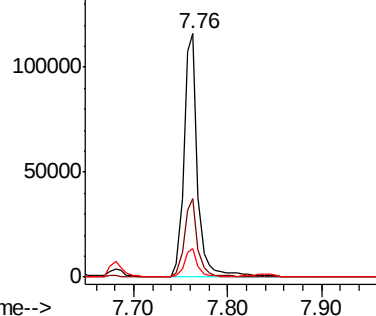


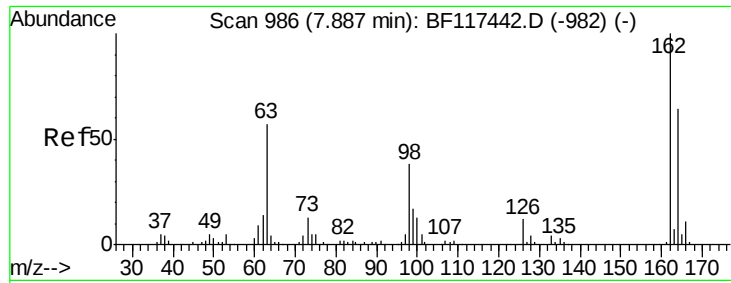
#28
bis(2-Chloroethoxy)methane
Concen: 36.667 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.8	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





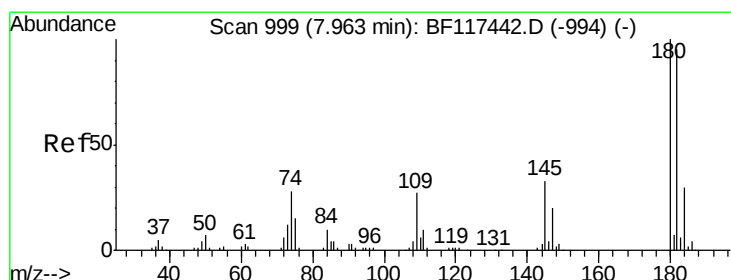
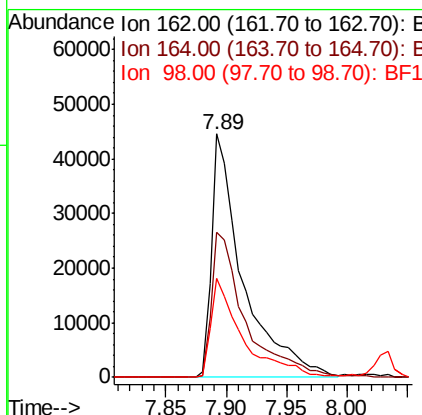
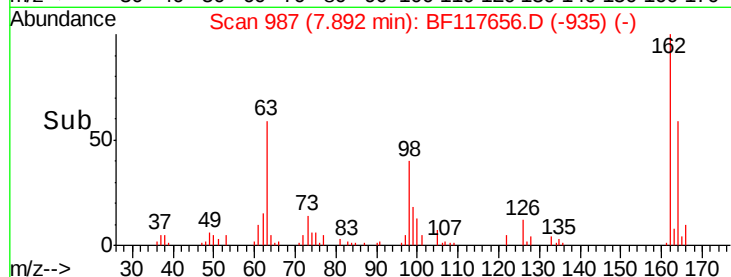
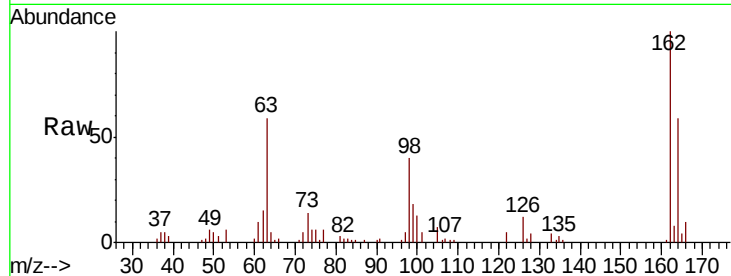
#29
2,4-Dichlorophenol
Concen: 38.479 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	79807		
164	59.4		44.4	84.4
98	40.5		18.2	58.2

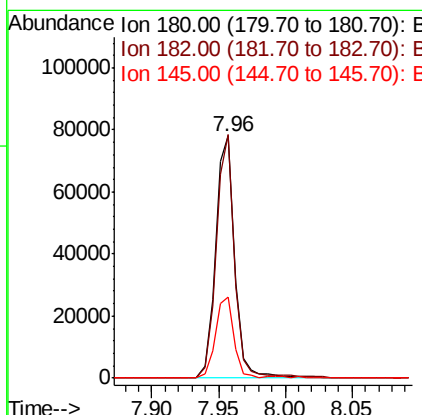
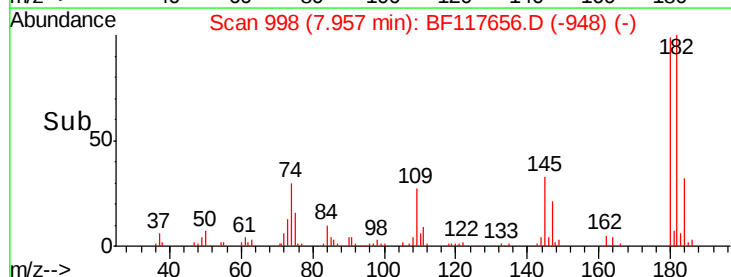
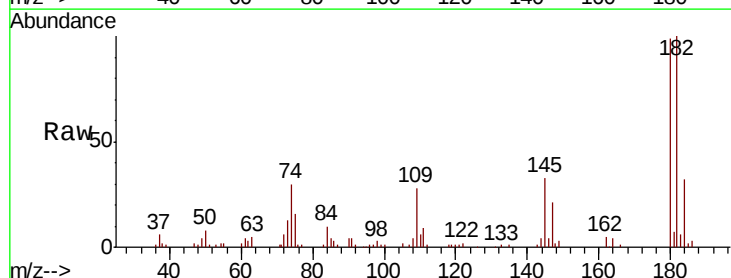
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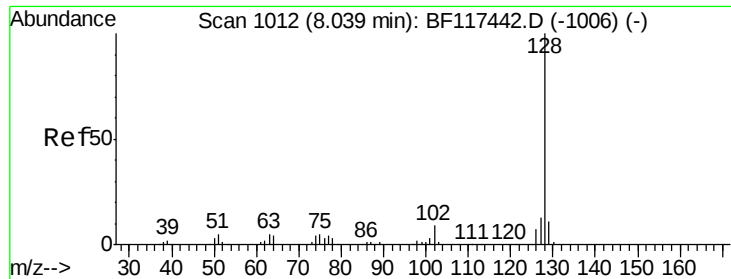
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#30
1,2,4-Trichlorobenzene
Concen: 35.524 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	79065		
182	100.7		75.8	113.8
145	33.3		26.5	39.7





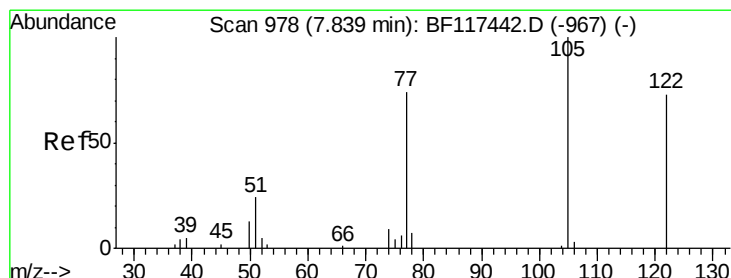
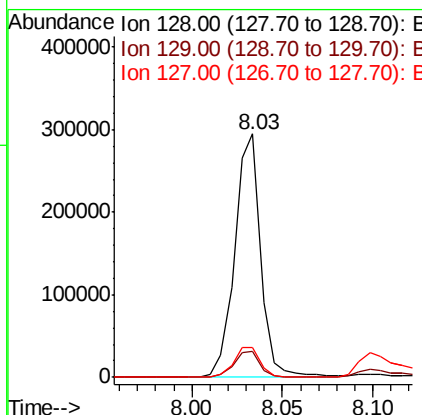
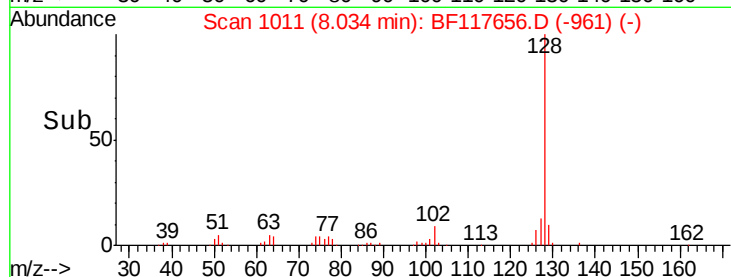
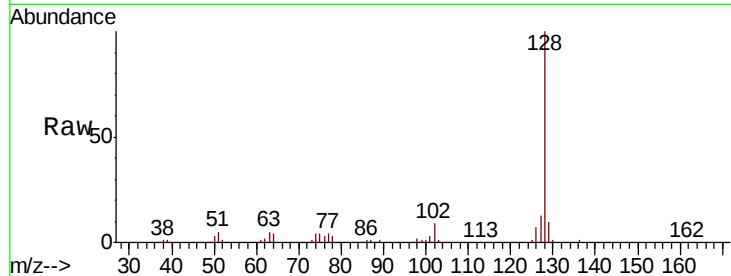
#31
Naphthalene
Concen: 38.688 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	12.5	10.2	15.2

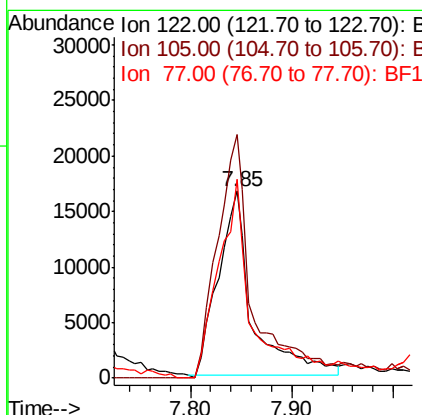
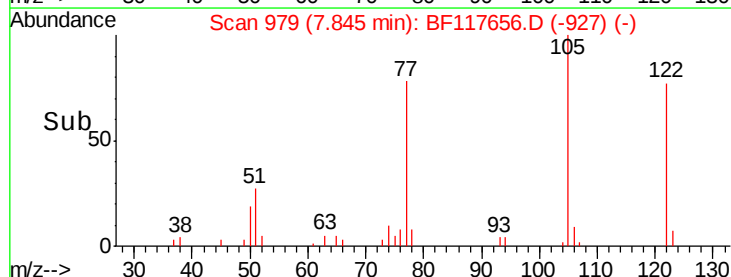
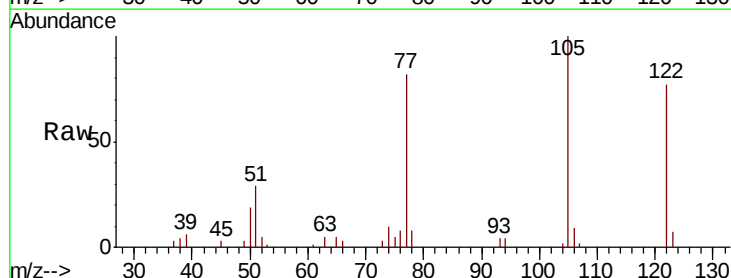
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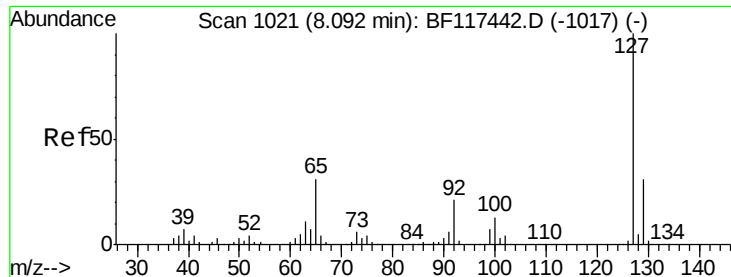
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#32
Benzoic acid
Concen: 28.487 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	115.0	155.0
77	106.5	79.7	119.7





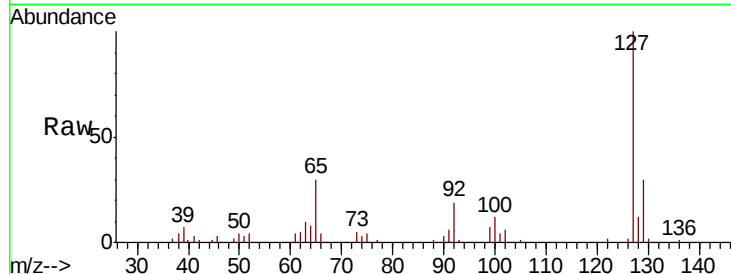
#33
4-Chloroaniline
Concen: 18.537 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.8	37.2
65	29.7	24.6	37.0
92	19.1	16.5	24.7

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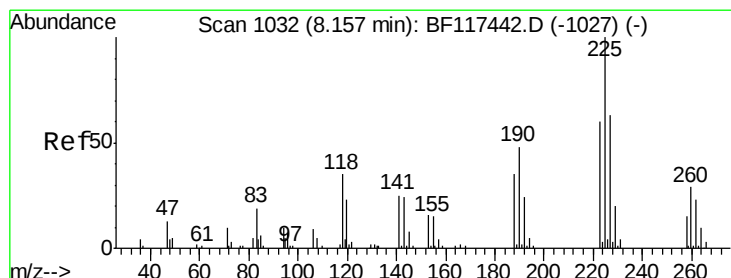
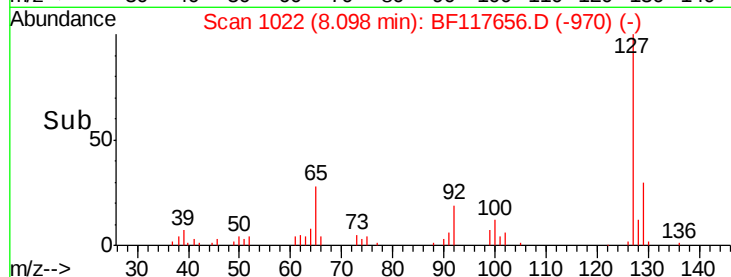
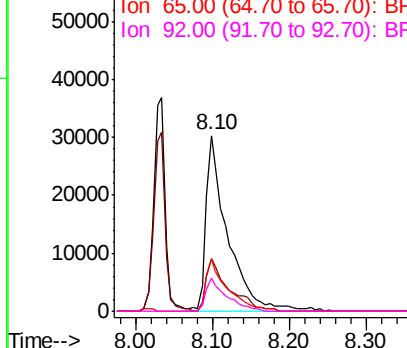
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 33.391 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

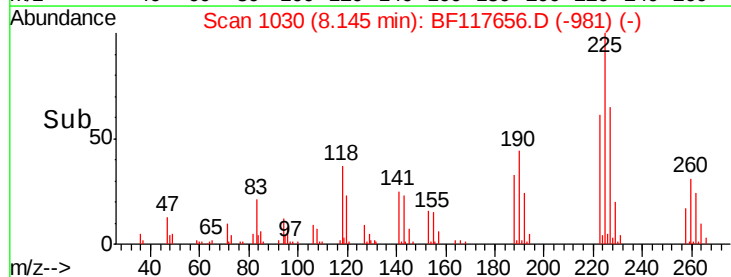
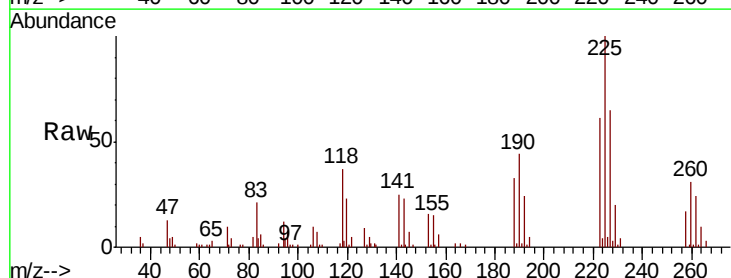
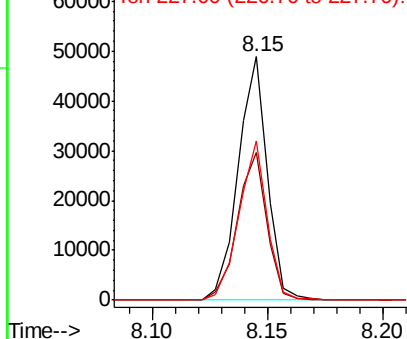
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.2	72.4
227	65.5	50.2	75.4

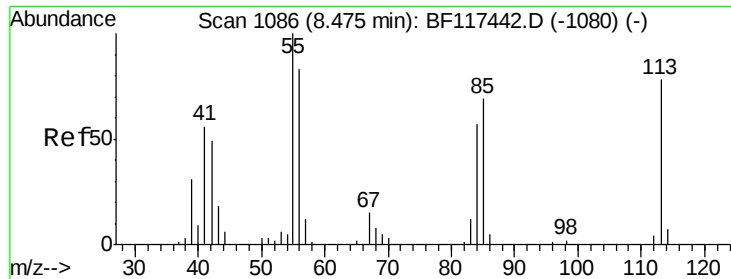
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





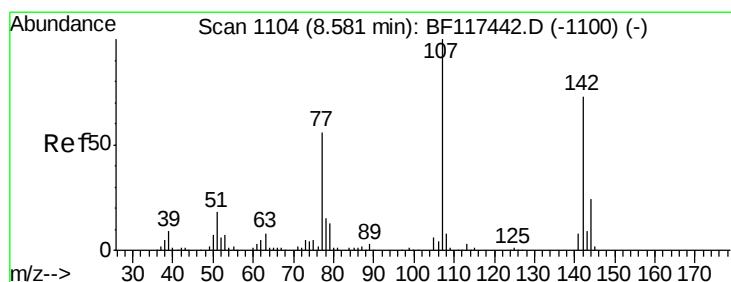
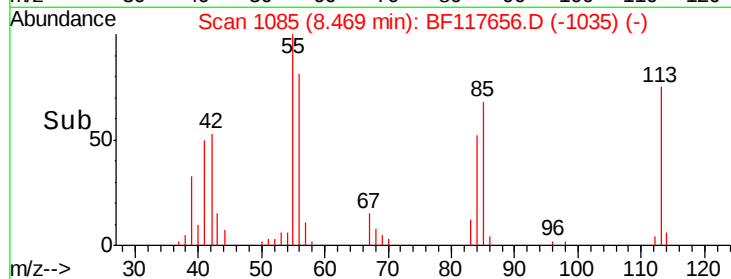
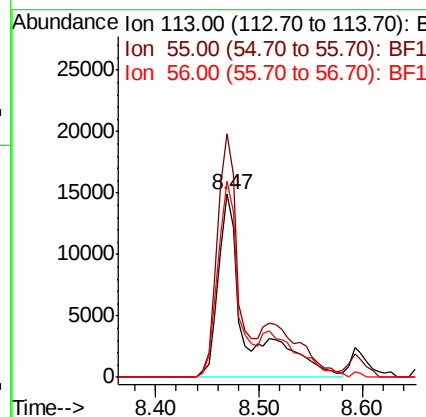
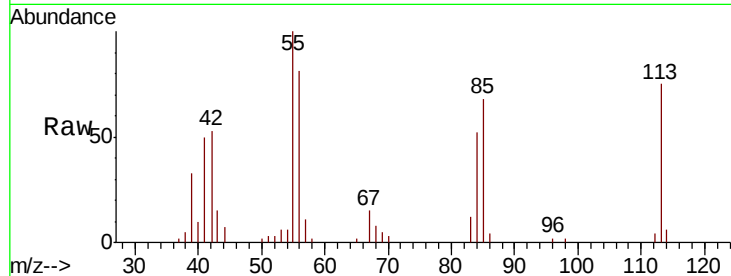
#35
Caprolactam
Concen: 42.129 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleID :
PB124409BSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	133.1	108.8	148.8	
56	107.5	87.2	127.2	

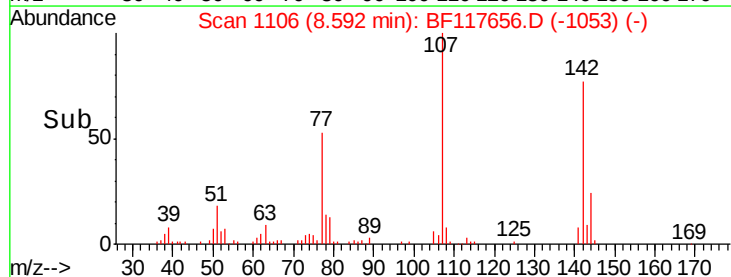
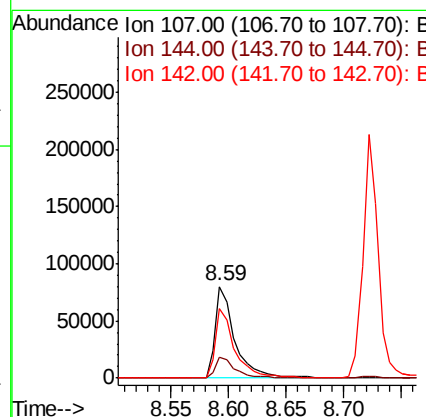
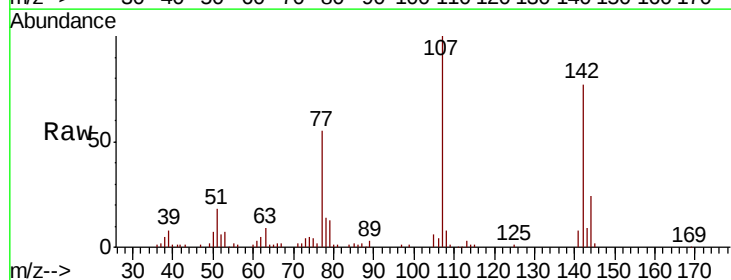
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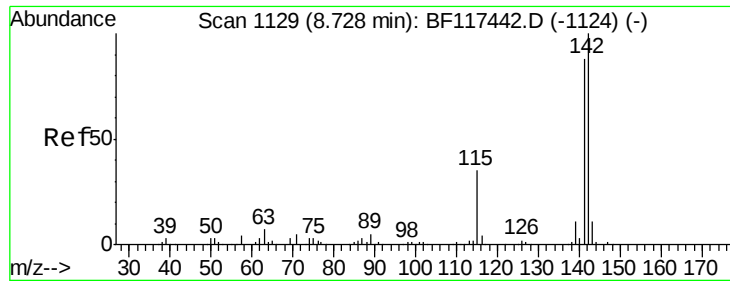
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#36
4-Chloro-3-methylphenol
Concen: 40.346 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.6	18.9	28.3	
142	76.6	58.6	88.0	





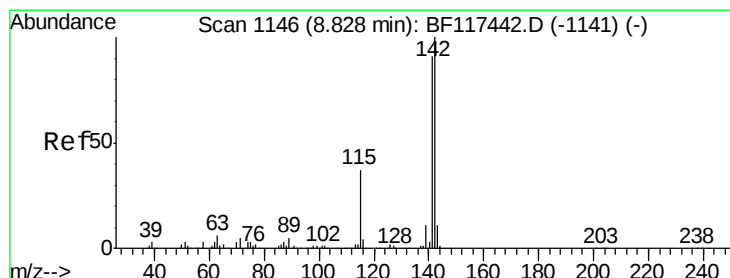
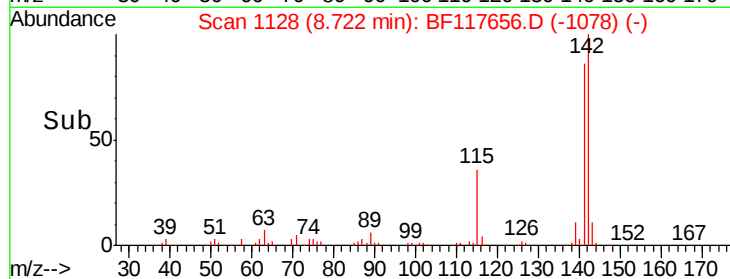
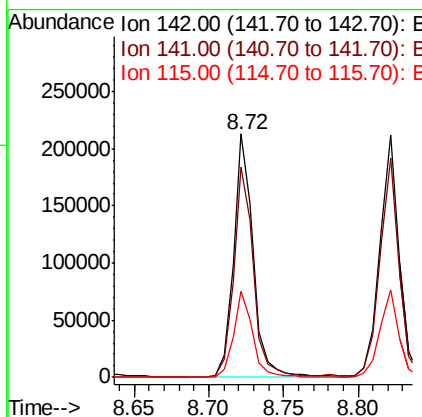
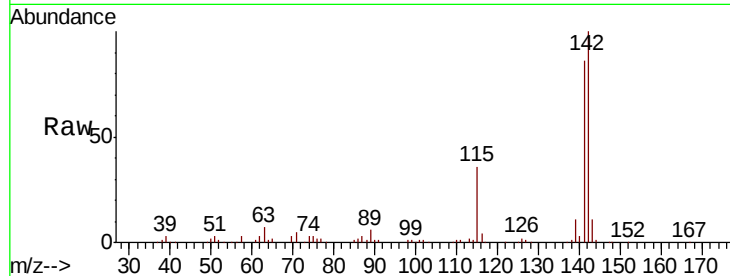
#37
2-Methylnaphthalene
Concen: 38.741 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	197855		
141	86.2	70.3	105.5	
115	35.6	28.2	42.2	

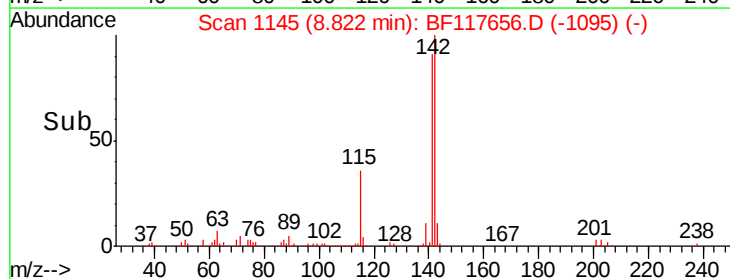
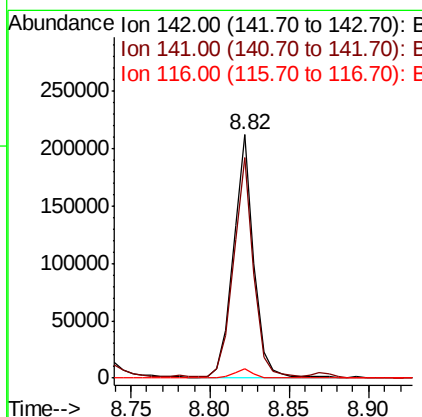
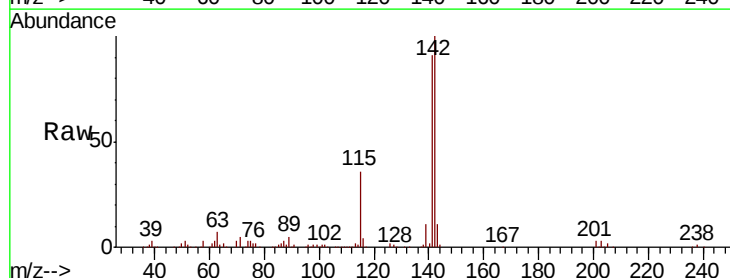
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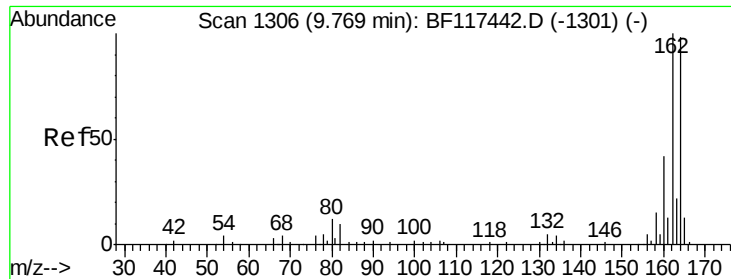
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#38
1-Methylnaphthalene
Concen: 38.954 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	186938		
141	90.6	73.3	109.9	
116	3.8	3.1	4.7	





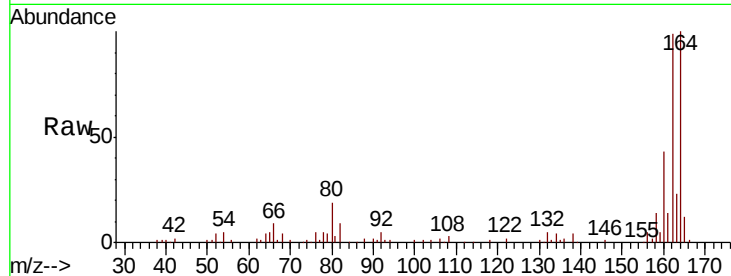
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.8	122.6
160	43.3	34.4	51.6

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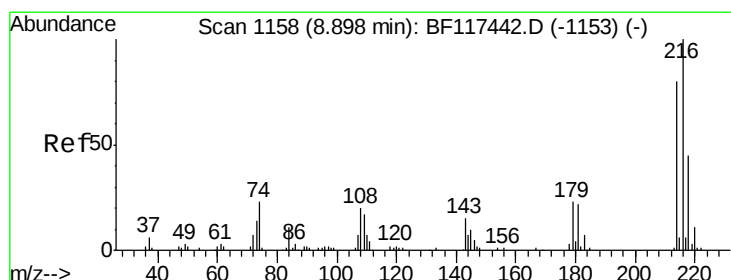
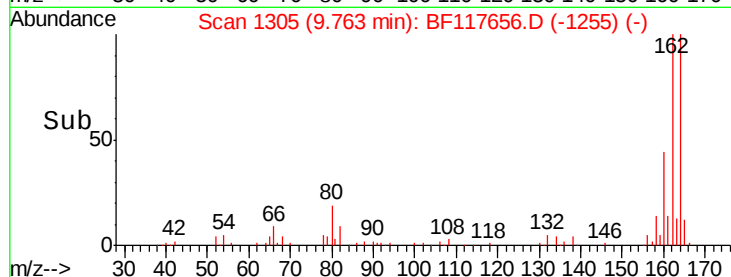
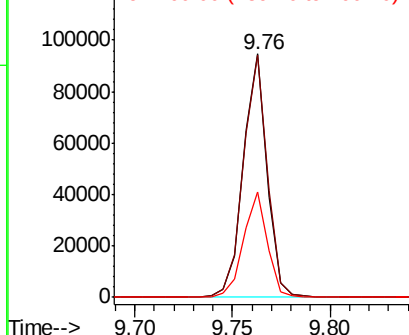


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.296 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.4	93.6
179	22.9	18.1	27.1
108	21.5	16.6	24.8

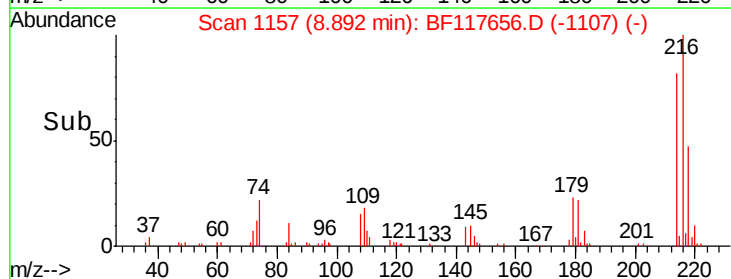
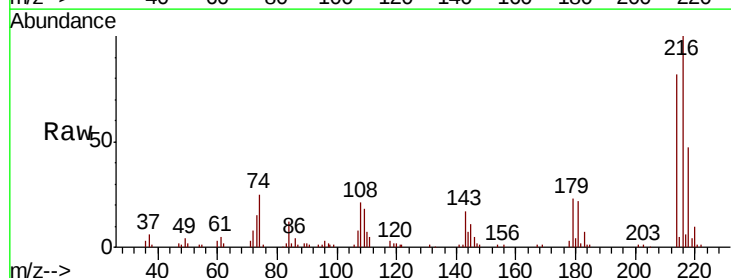
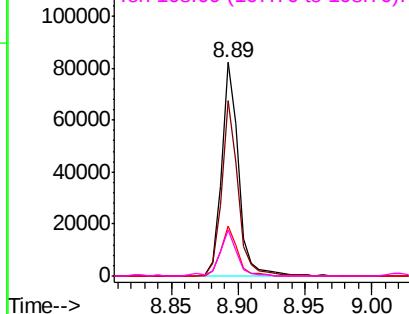
Abundance

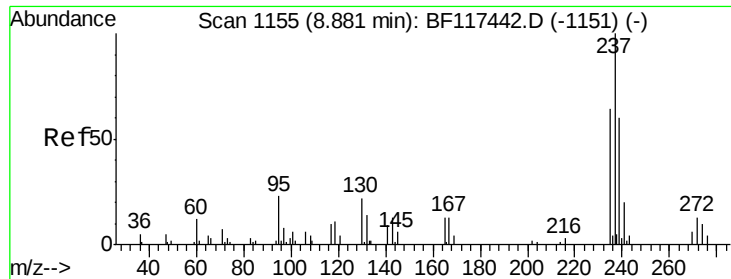
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.800 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

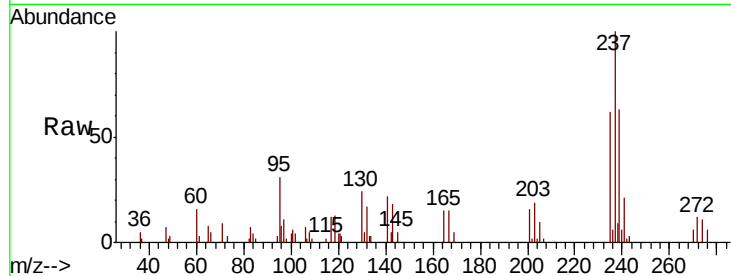
ClientSampleId :

PB124409BSD

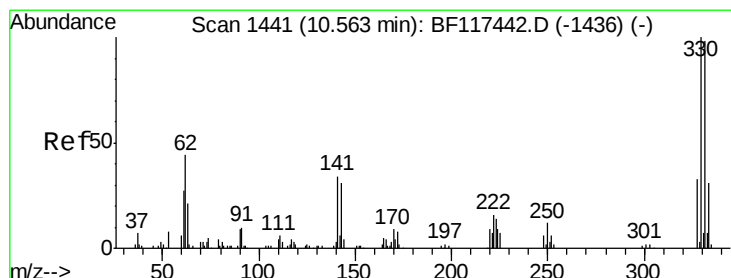
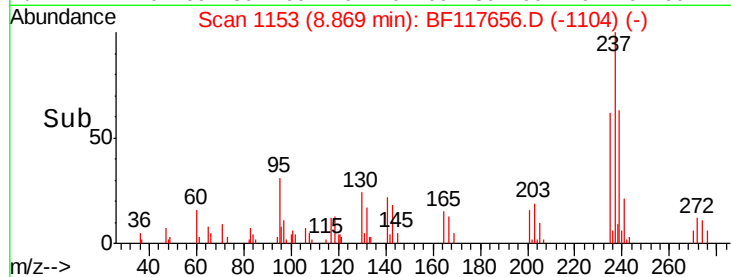
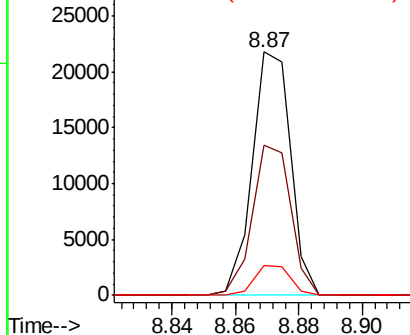
Tot Ion:	237	Resp:	18340
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.3	84.3
272	12.4	0.0	33.2

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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: 68.308 ng

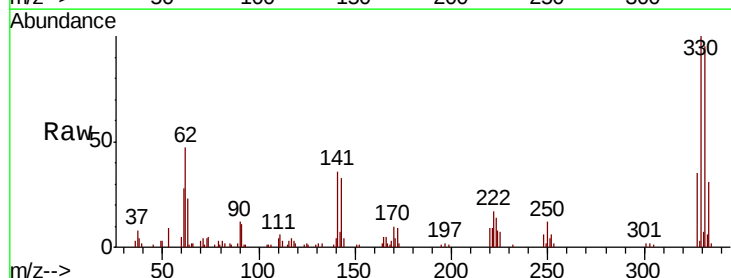
RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

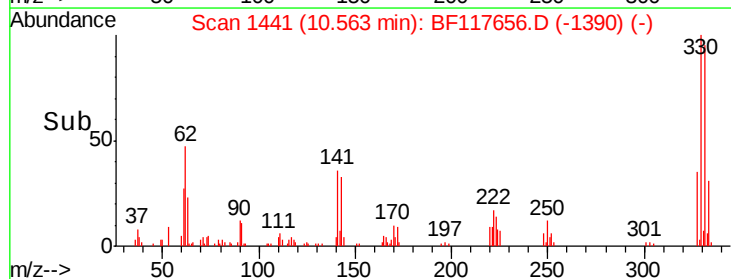
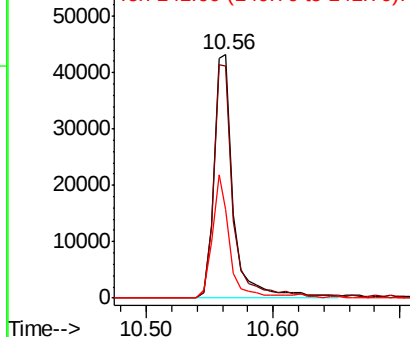
Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	330	Resp:	47139
Ion Ratio	Lower	Upper	
330	100		
332	97.8	78.5	117.7
141	43.8	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





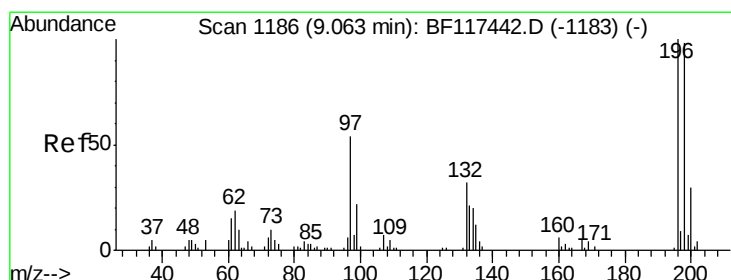
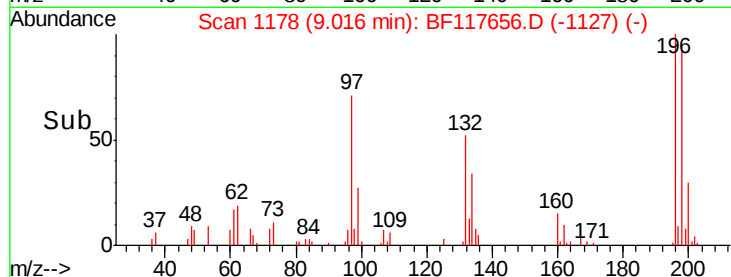
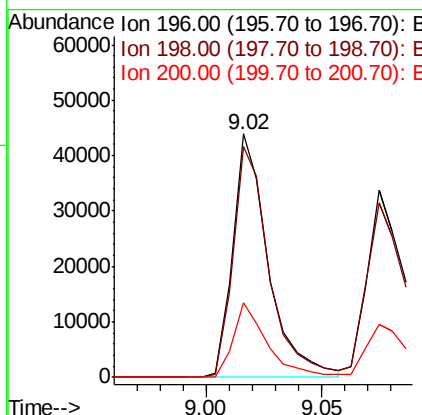
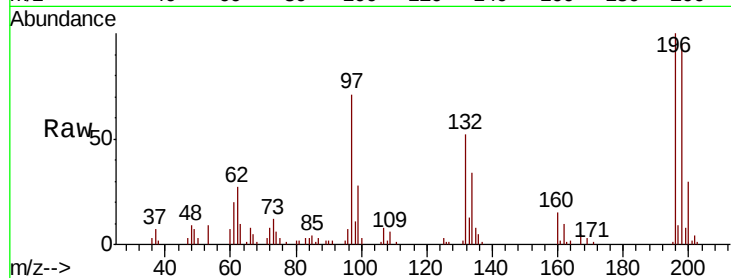
#43
 2,4,6-Trichlorophenol
 Concen: 34.894 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	46941		
198	94.7	74.1	111.1	
200	30.5	23.9	35.9	

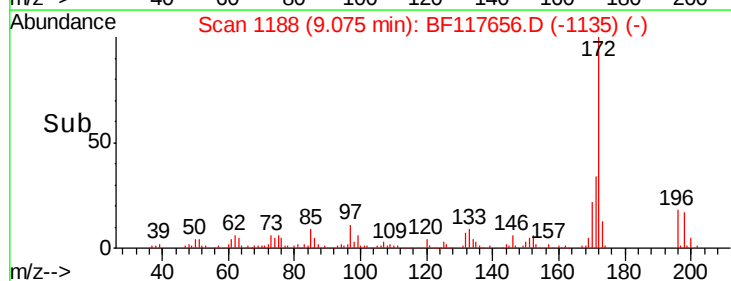
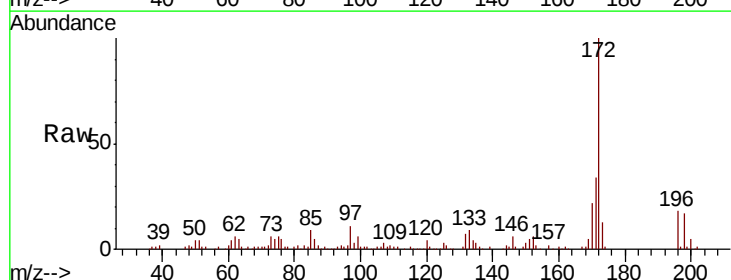
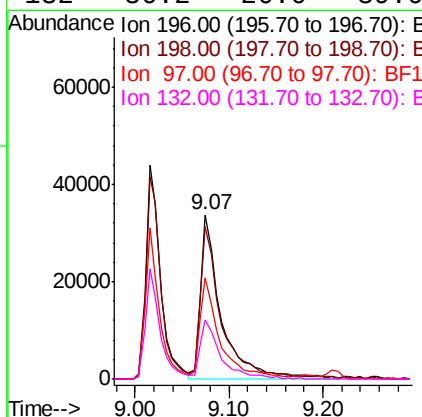
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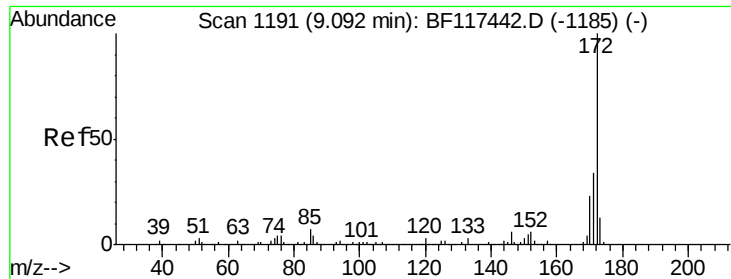
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.098 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51933		
198	93.1	78.6	117.8	
97	61.7	43.4	65.2	
132	36.2	26.0	39.0	





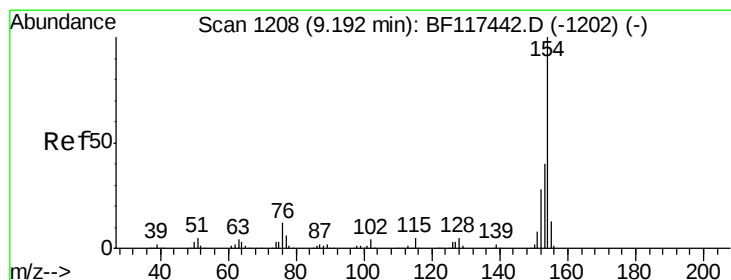
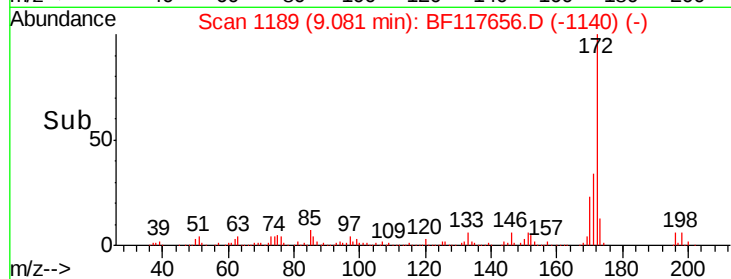
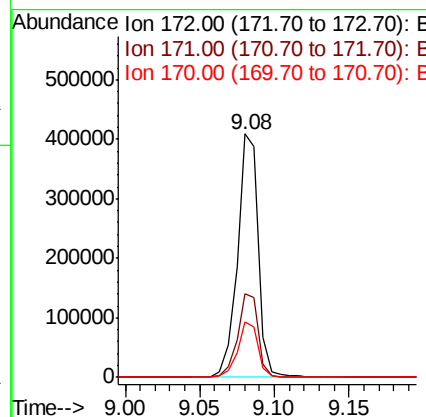
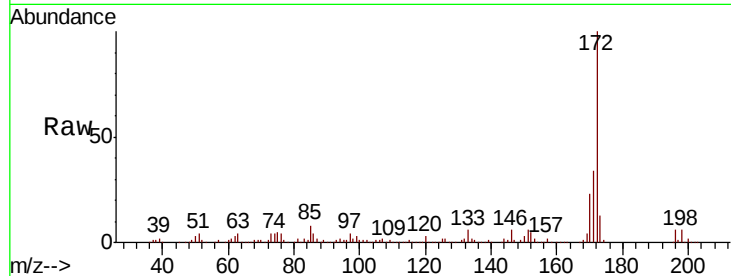
#45
2-Fluorobiphenyl
Concen: 70.863 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		401121		
171	34.2	27.5	41.3		
170	22.9	18.6	27.8		

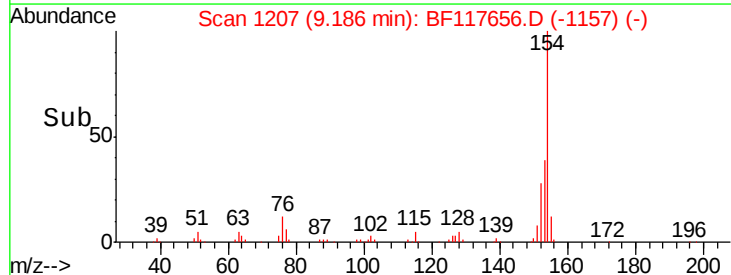
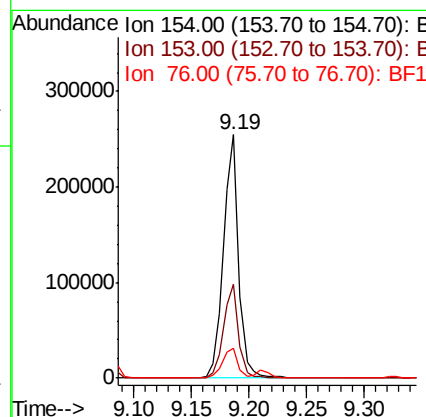
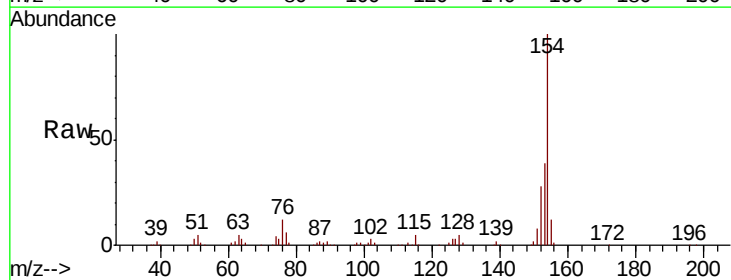
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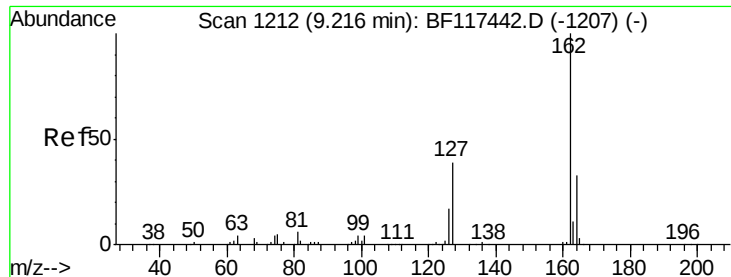
mohammad
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#46
1,1'-Biphenyl
Concen: 35.130 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		231954		
153	38.6	20.2	60.2		
76	12.4	0.0	32.1		





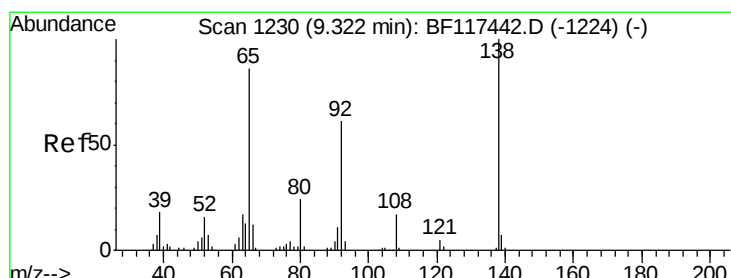
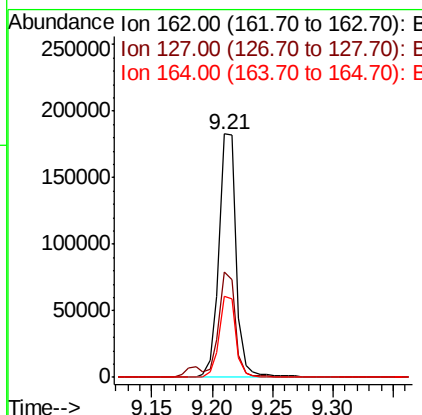
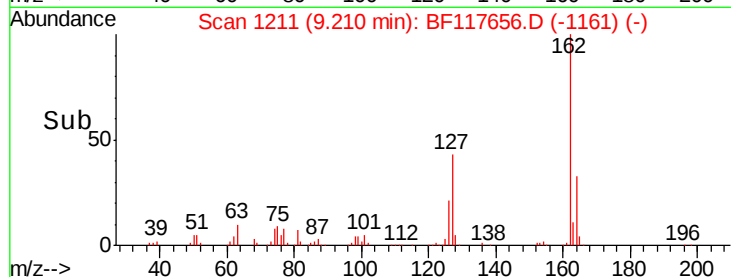
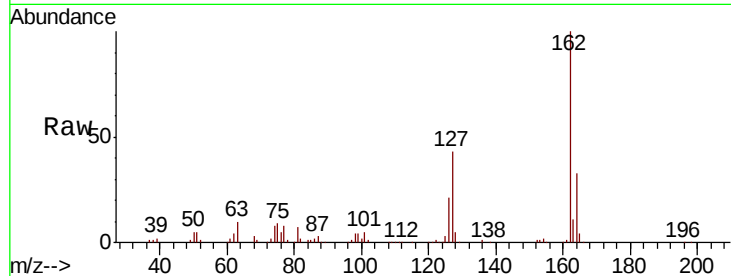
#47
 2-Chloronaphthalene
 Concen: 35.977 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion:	162	Resp:	179107
Ion Ratio	Lower	Upper	
162	100		
127	43.2	34.2	51.4
164	33.2	26.4	39.6

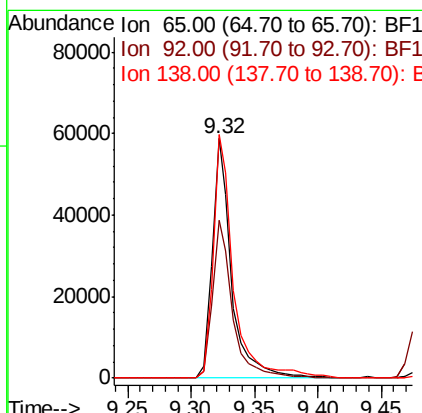
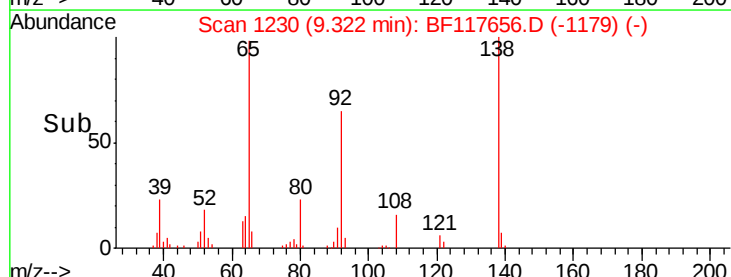
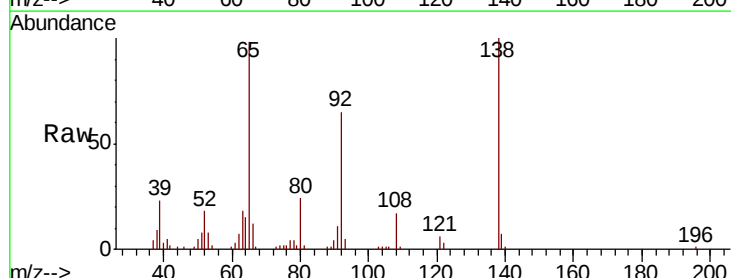
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#48
 2-Nitroaniline
 Concen: 38.554 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion:	65	Resp:	63009
Ion Ratio	Lower	Upper	
65	100		
92	66.0	57.3	85.9
138	101.7	93.3	139.9





#49

Acenaphthylene

Concen: 39.284 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

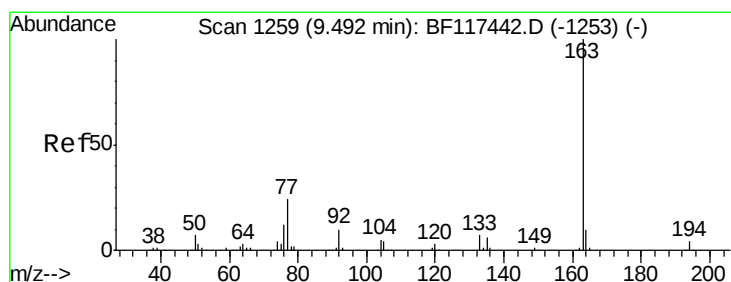
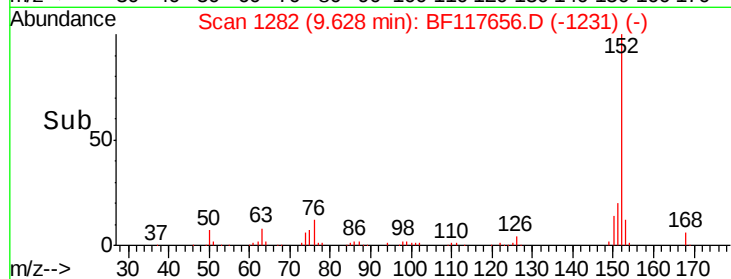
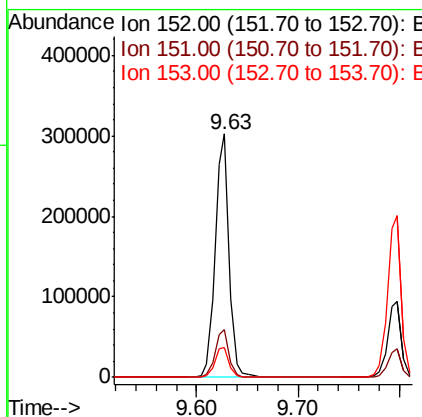
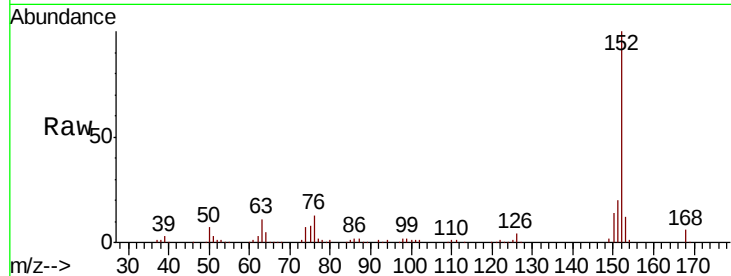
ClientSampleId :

PB124409BSD

Tot Ion:	152	Resp:	287260
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.4	23.0
153	12.4	10.3	15.5

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#50

Dimethylphthalate

Concen: 36.103 ng

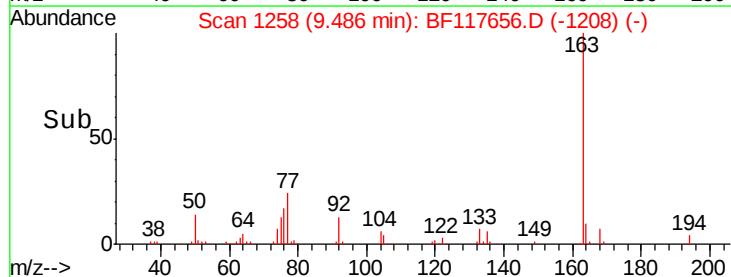
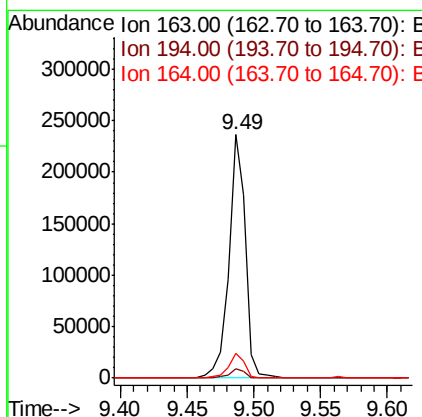
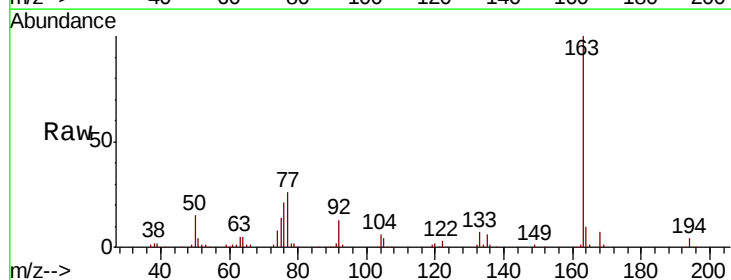
RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	163	Resp:	205271
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.9	8.2	12.2





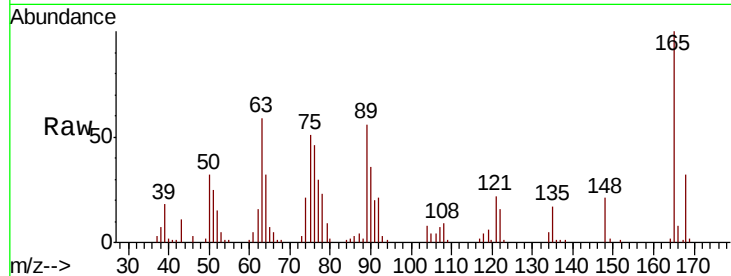
#51
2,6-Dinitrotoluene
Concen: 39.255 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	46575		
63	58.8		43.8	65.8
89	55.8		47.6	71.4

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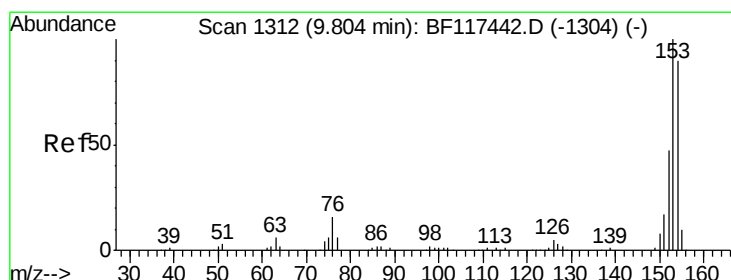
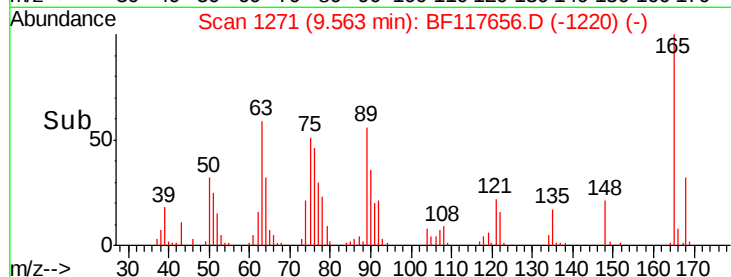
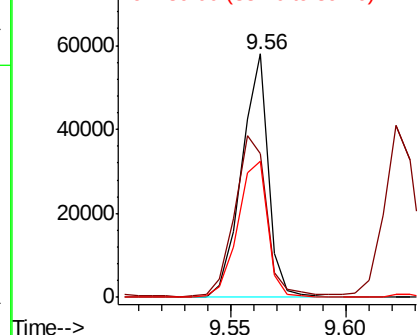


Abundance

Ion 165.00 (164.70 to 165.70): E

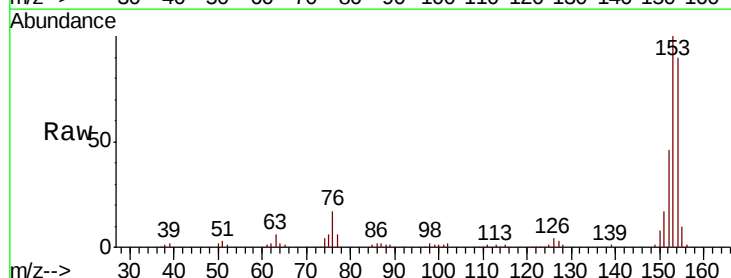
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 37.639 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	168861		
153	111.4		89.2	133.8
152	51.8		41.8	62.6

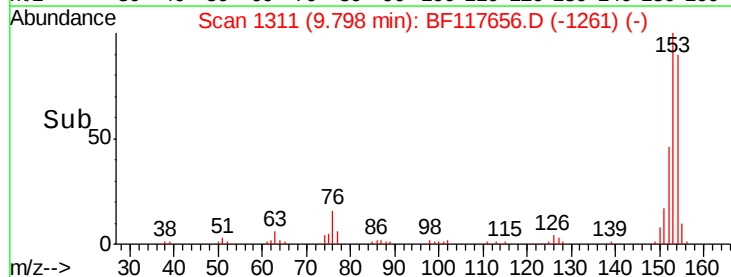
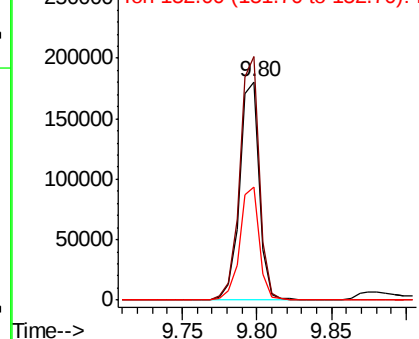


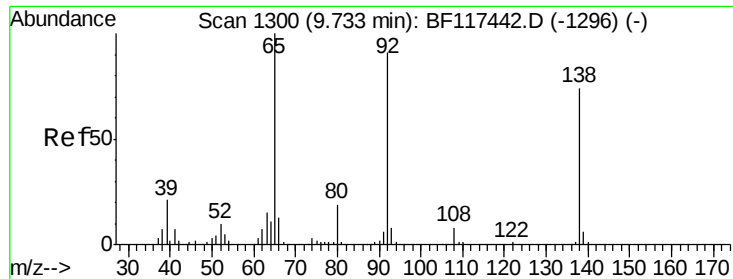
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





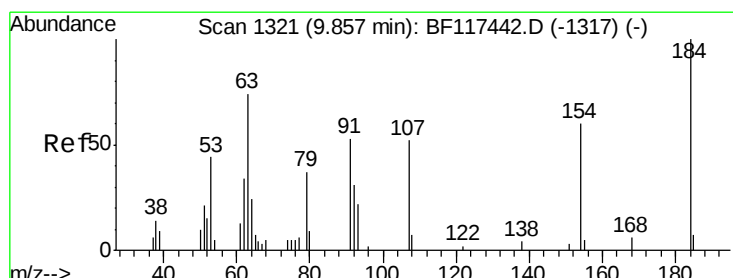
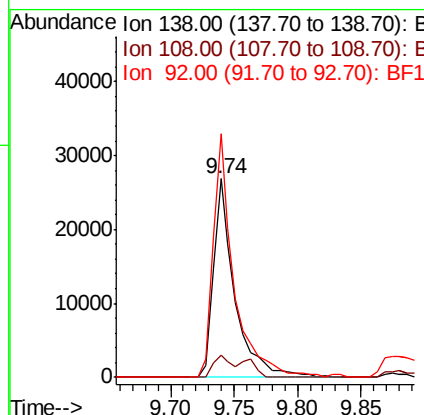
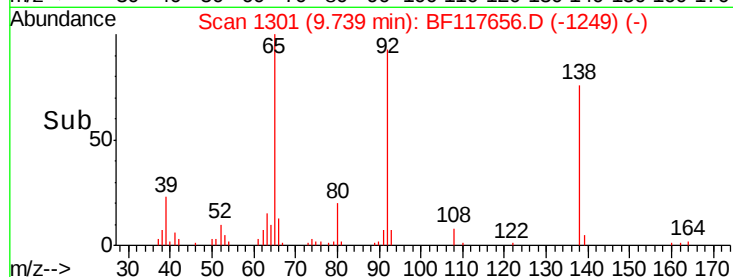
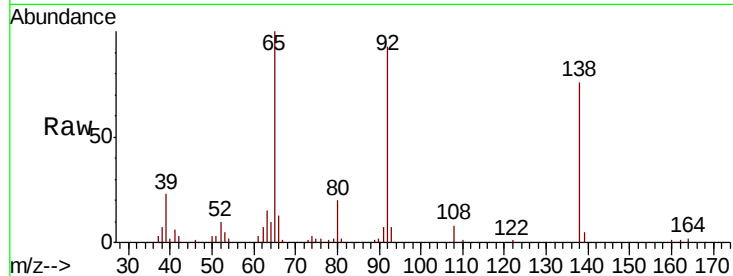
#53
3-Nitroaniline
Concen: 21.902 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.7	13.1
92	122.6	98.4	147.6

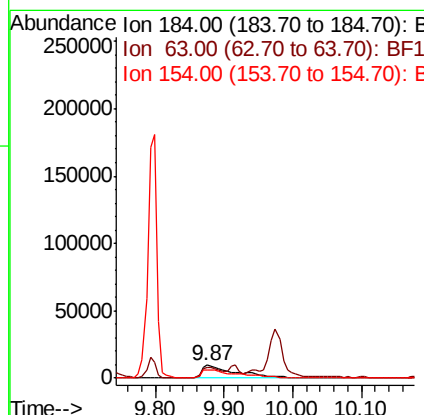
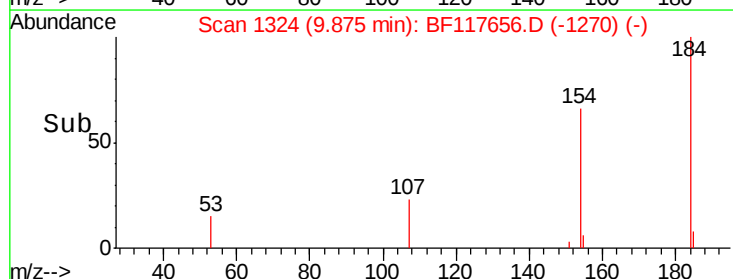
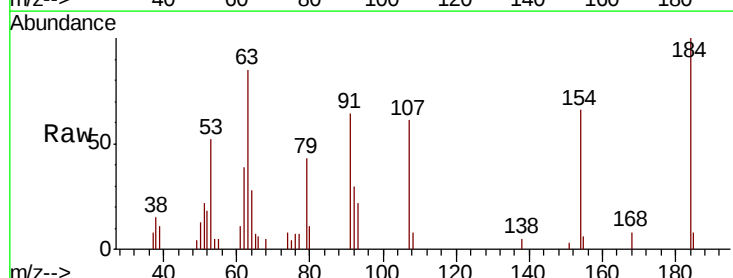
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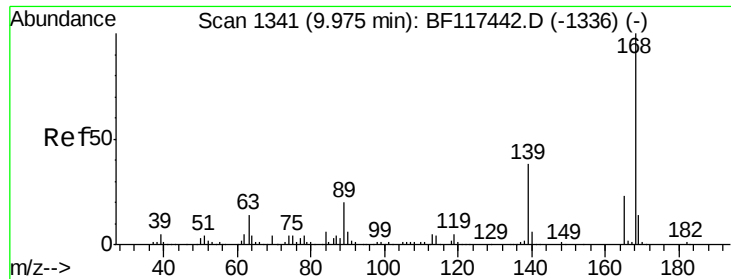
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#54
2,4-Dinitrophenol
Concen: 70.363 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.8	59.2	88.8
154	66.2	53.4	80.0





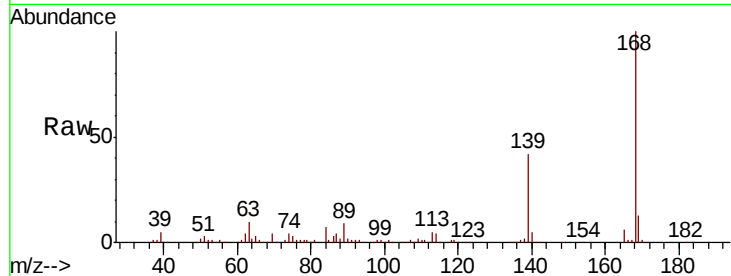
#55
Dibenzenofuran
Concen: 39.041 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	253757		
139	41.6		31.8	47.6
169	12.9		11.2	16.8

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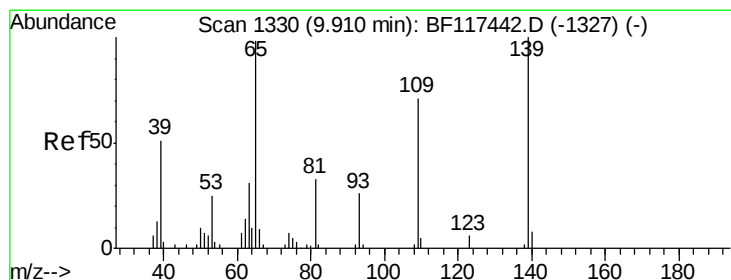
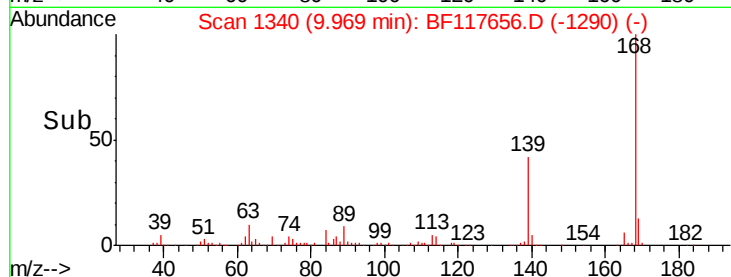
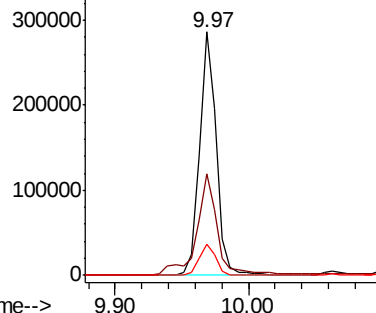


Abundance

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: 22.091 ng m
RT: 9.95 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

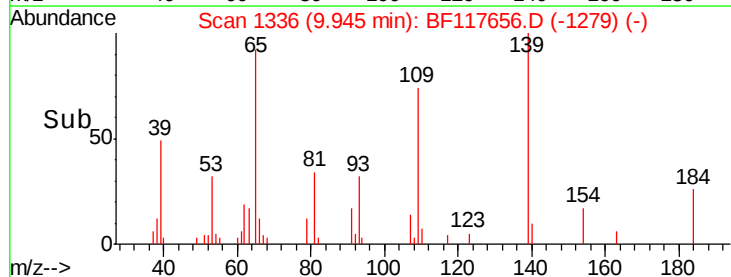
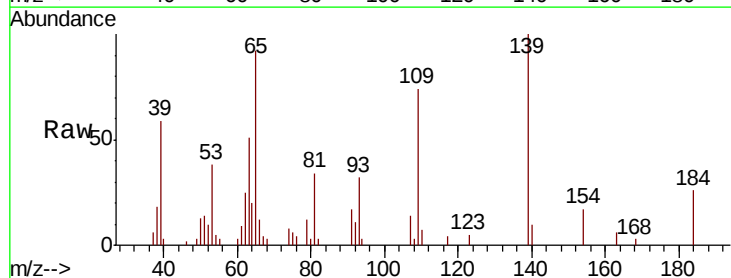
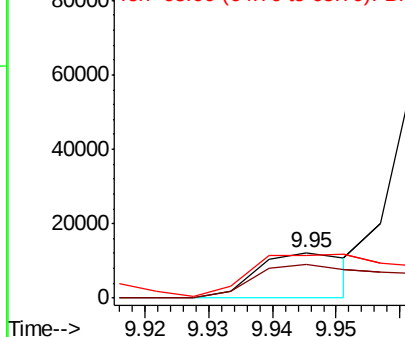
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	12550		
109	74.0		51.4	91.4
65	92.3		79.4	119.4

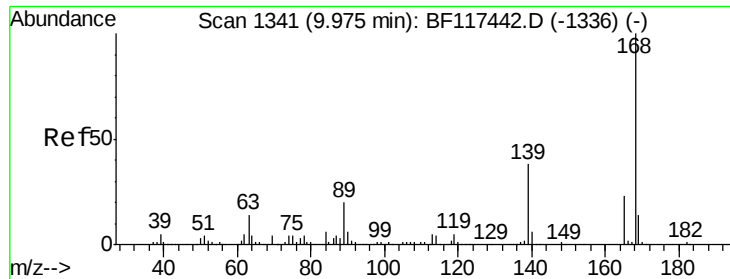
Abundance

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





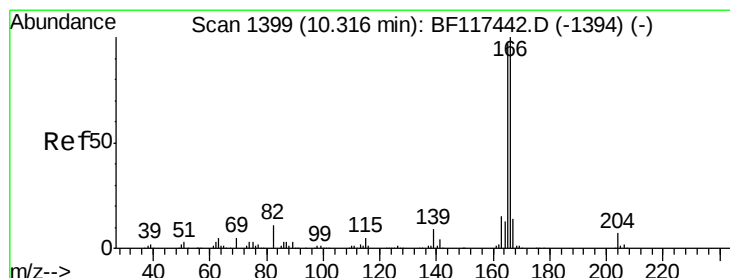
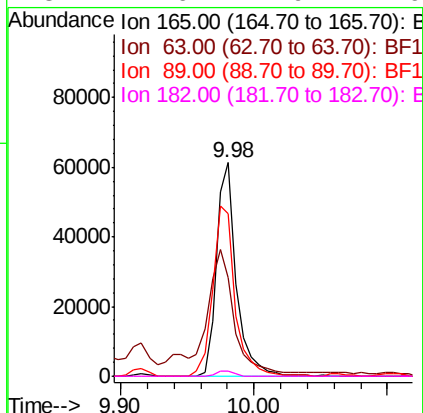
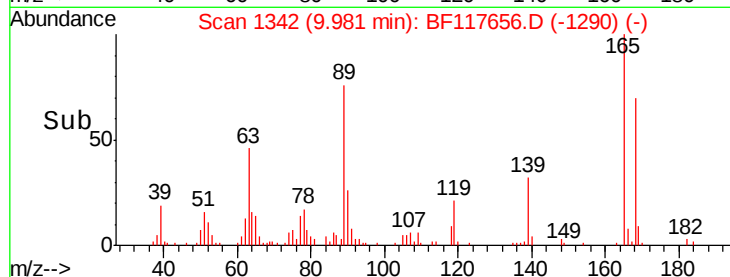
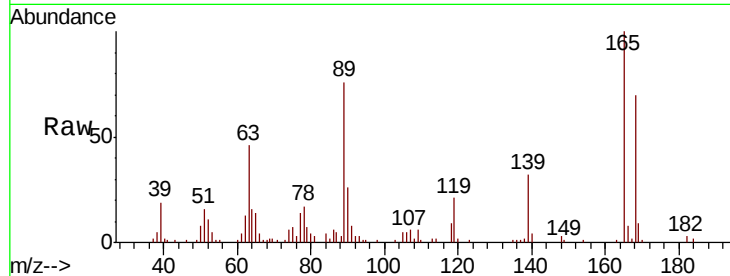
#57
2,4-Dinitrotoluene
Concen: 40.718 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	51.4	77.0#
89	76.3	69.9	104.9
182	2.6	1.9	2.9

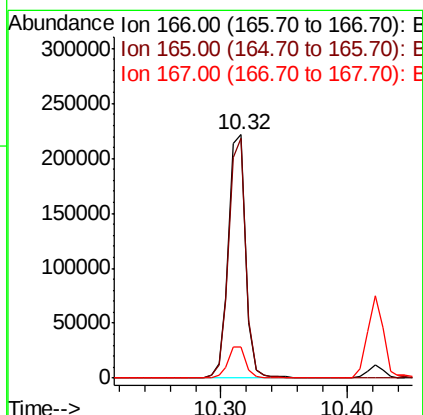
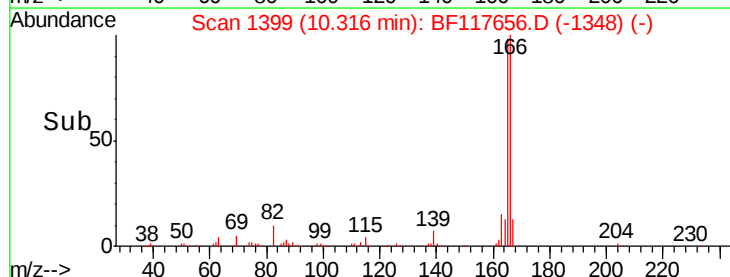
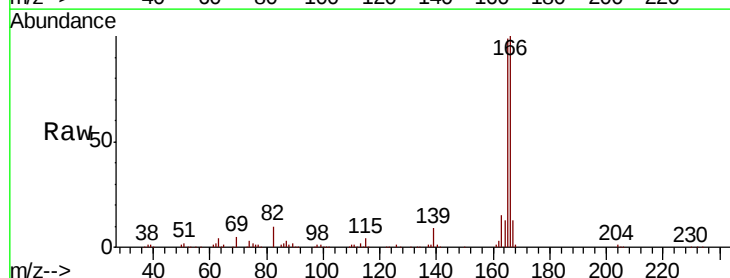
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#58
Fluorene
Concen: 38.763 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.6	116.4
167	12.8	11.0	16.4





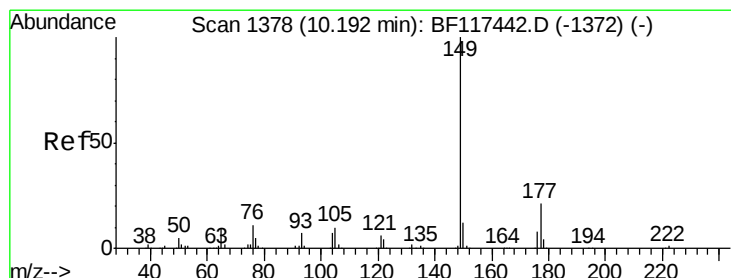
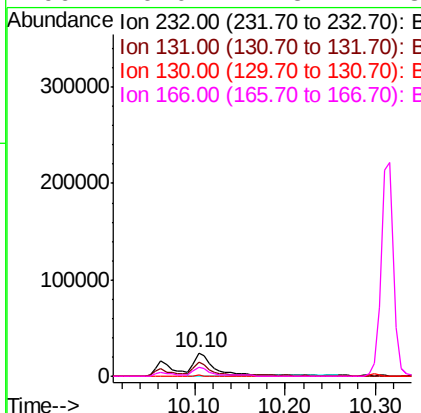
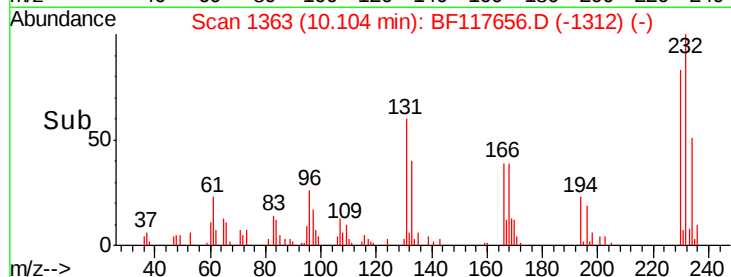
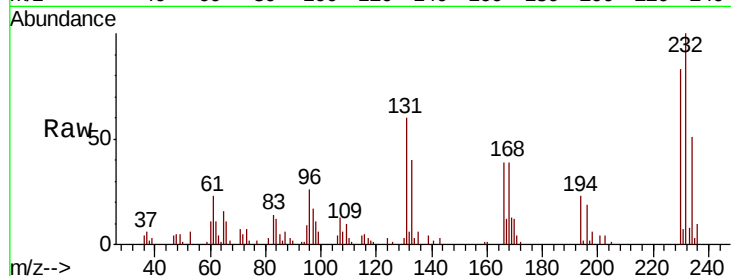
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.518 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.9	42.6	63.8
130	2.2	2.2	3.4
166	29.0	27.5	41.3

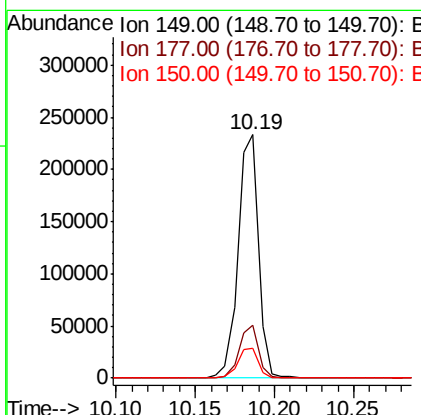
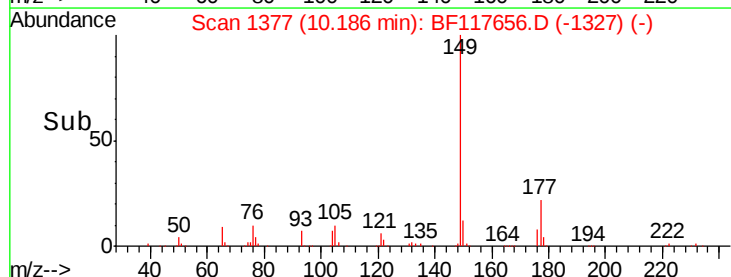
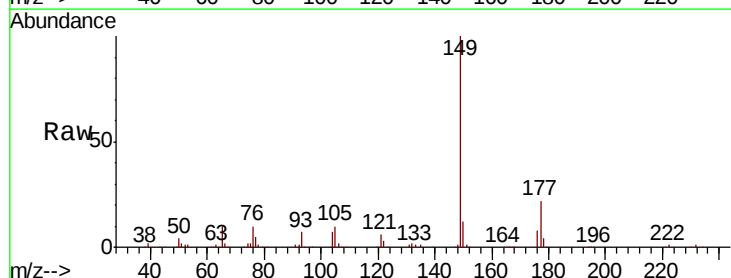
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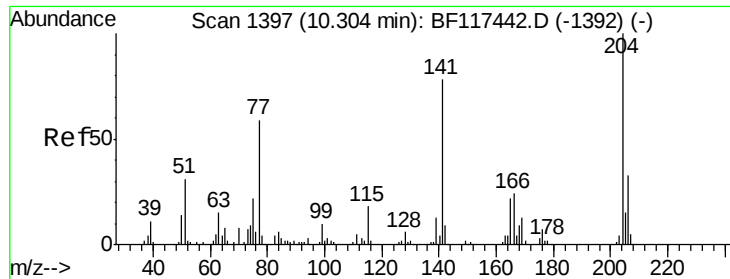
mohammad
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#60
 Diethylphthalate
 Concen: 36.332 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.4
150	12.1	9.8	14.6





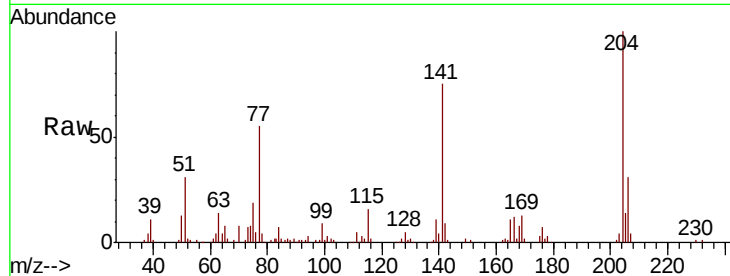
#61
4-Chlorophenyl-phenylether
Concen: 36.836 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.3	39.5
141	75.0	62.2	93.4

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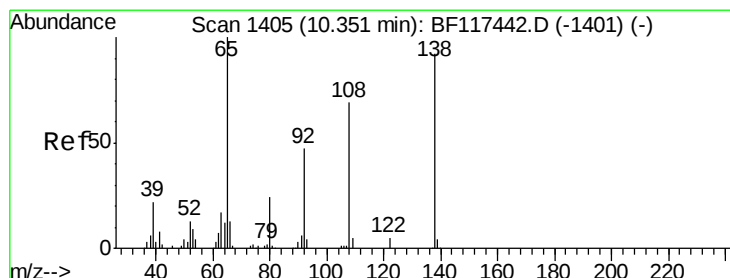
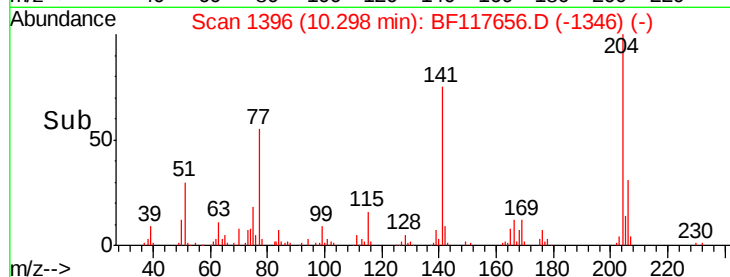
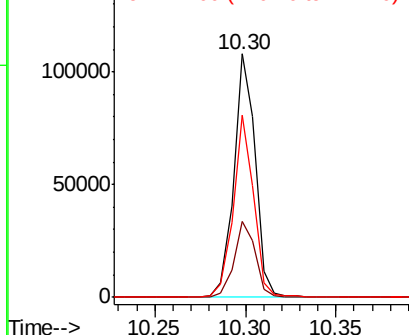


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.149 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

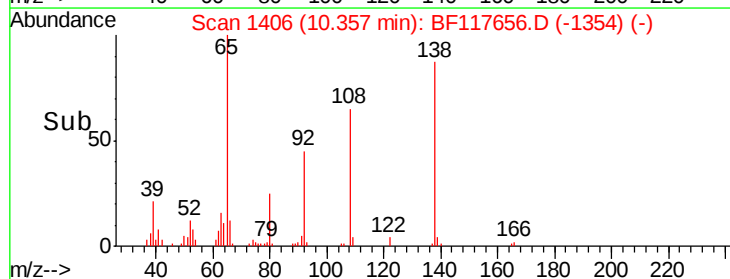
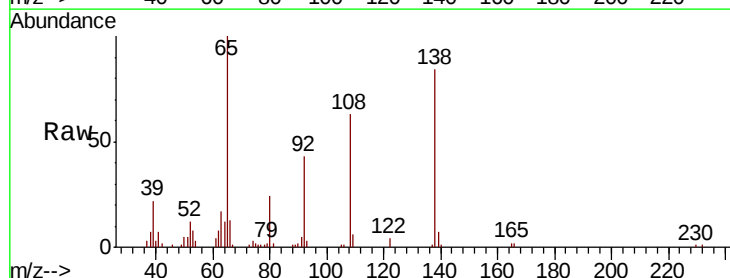
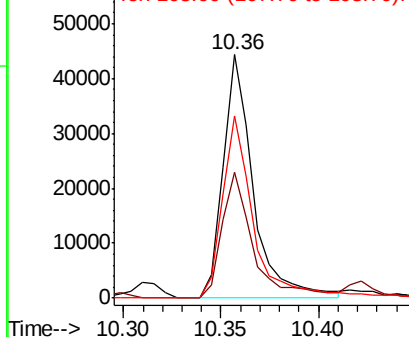
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	30.3	70.3
108	75.0	54.9	94.9

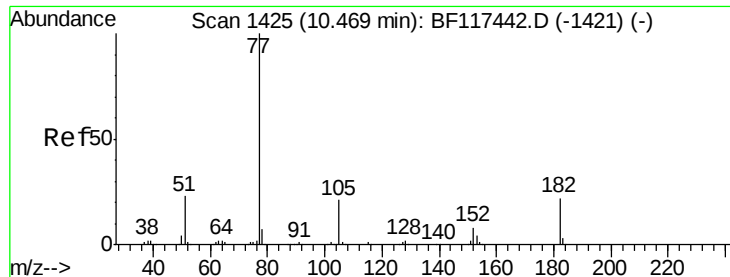
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





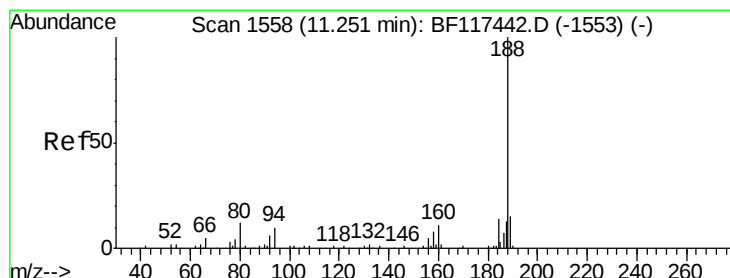
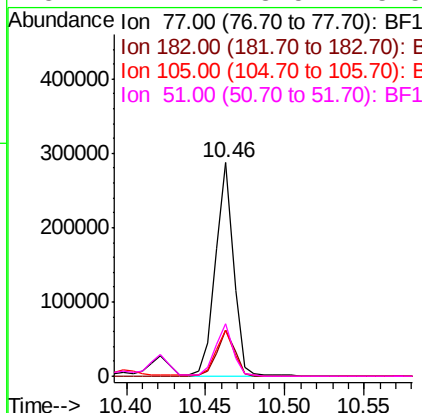
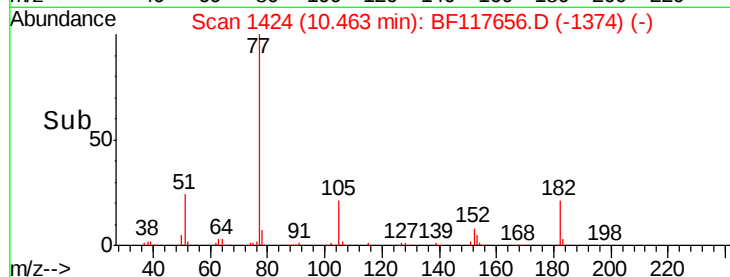
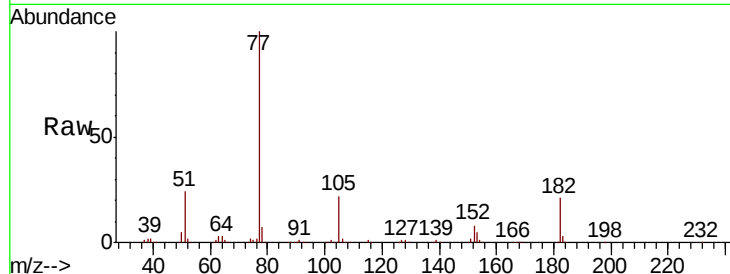
#63
Azobenzene
Concen: 38.619 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.4	2.3	42.3		
105	21.8	1.3	41.3		
51	24.4	3.5	43.5		

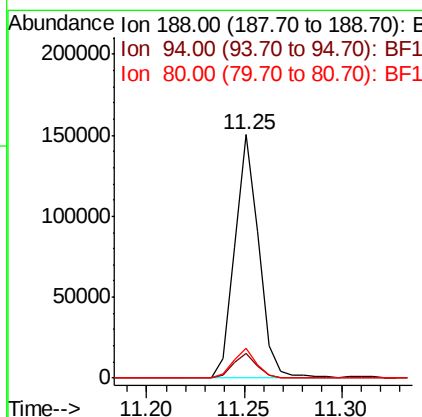
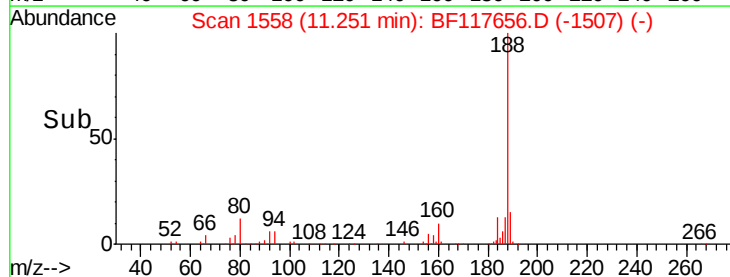
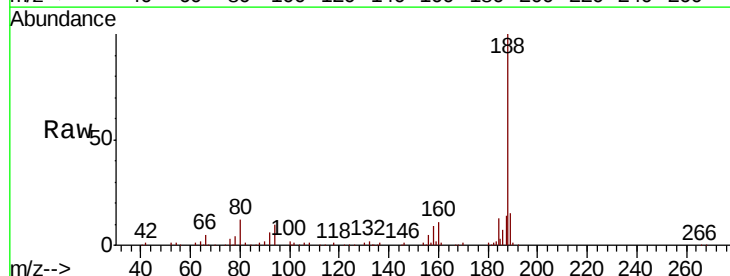
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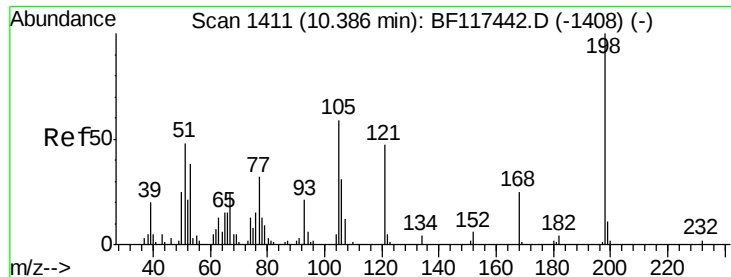
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.2	8.0	12.0		
80	12.1	9.5	14.3		





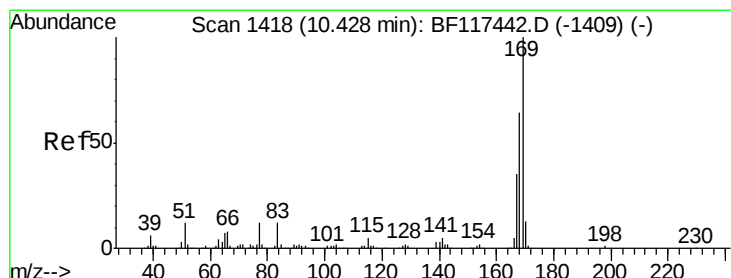
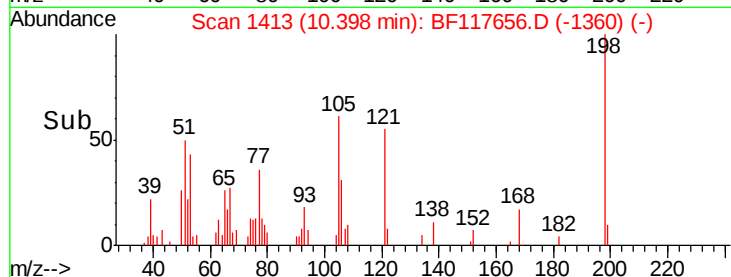
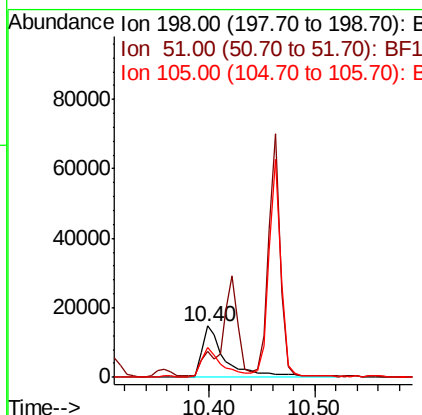
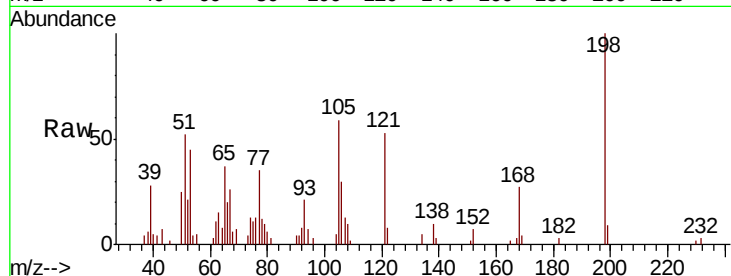
#65
4,6-Dinitro-2-methylphenol
Concen: 35.056 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.5	29.1	69.1
105	59.3	39.4	79.4

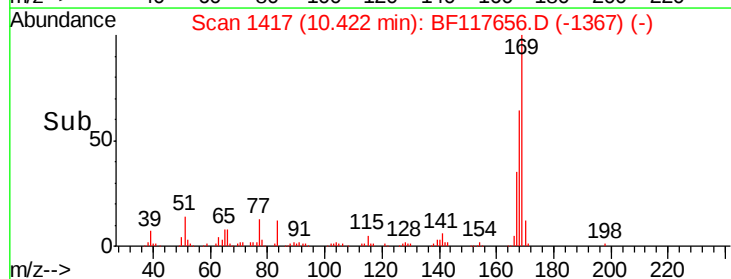
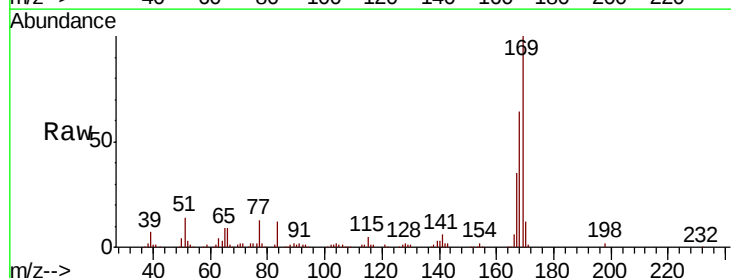
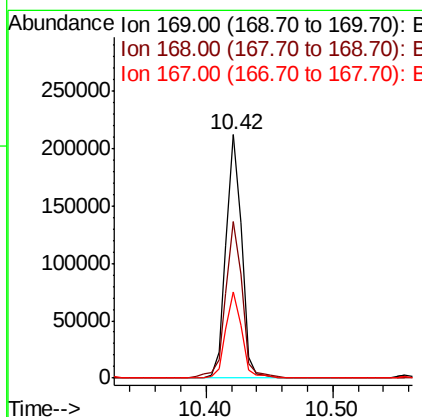
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#66
n-Nitrosodiphenylamine
Concen: 38.772 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.4	51.3	76.9
167	35.2	28.2	42.4





#67

4-Bromophenyl-phenylether

Concen: 35.648 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

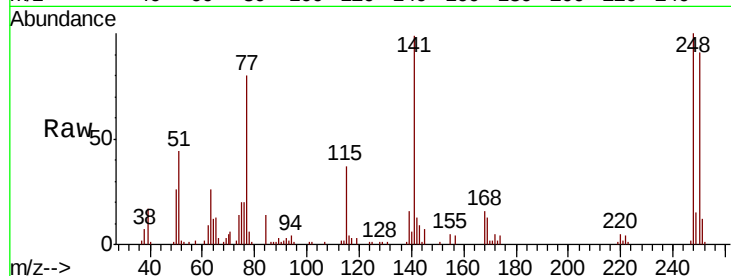
ClientSampleId :

PB124409BSD

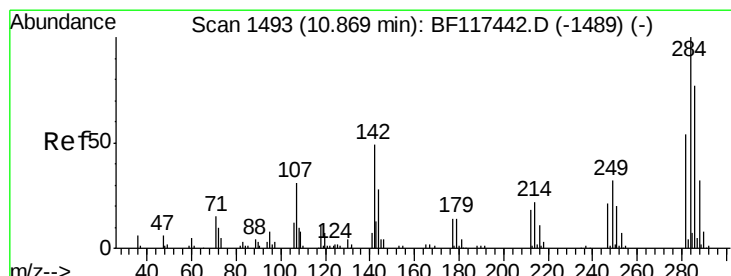
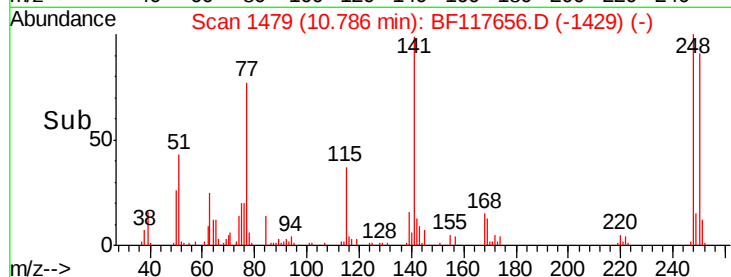
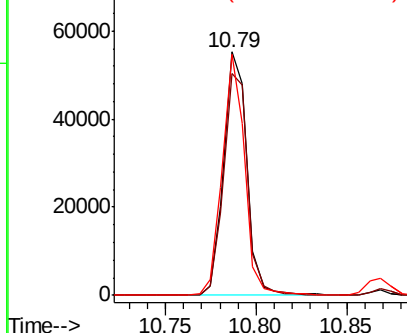
Tot Ion:	248	Resp:	49393
Ion Ratio	Lower	Upper	
248	100		
250	91.1	78.0	117.0
141	99.2	81.7	122.5

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 35.269 ng

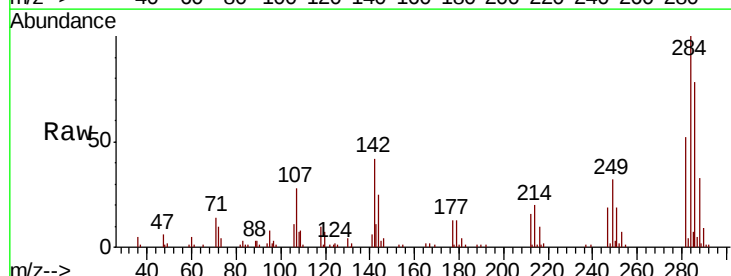
RT: 10.87 min Scan# 1493

Delta R.T. 0.00 min

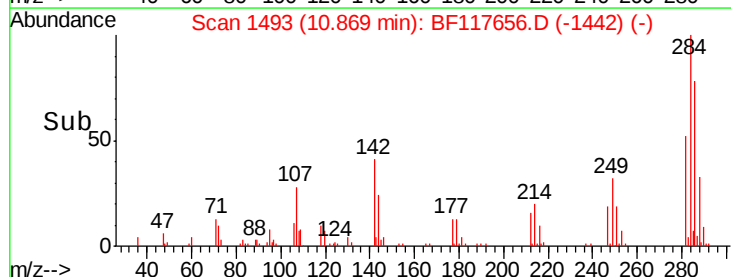
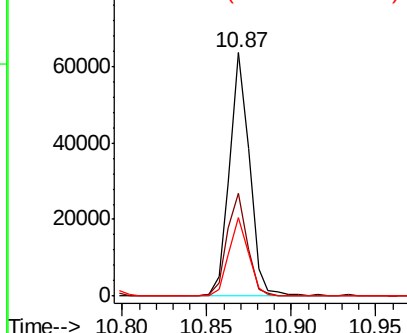
Lab File: BF117656.D

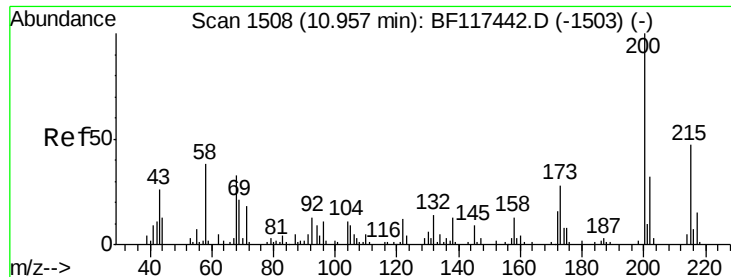
Acq: 31 Oct 2019 14:24

Tgt Ion:	284	Resp:	52335
Ion Ratio	Lower	Upper	
284	100		
142	42.2	39.0	58.6
249	32.2	25.7	38.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





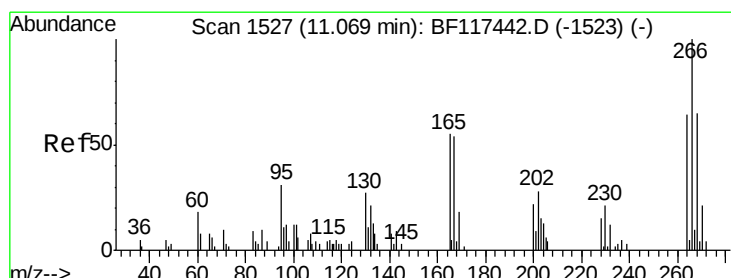
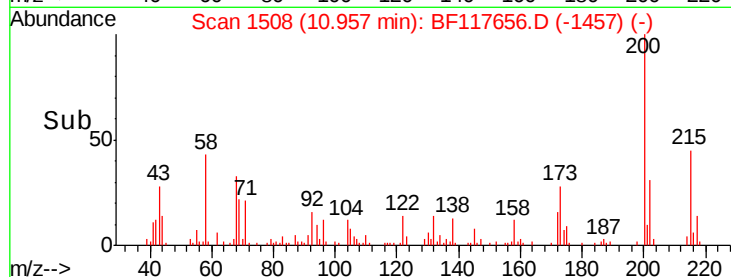
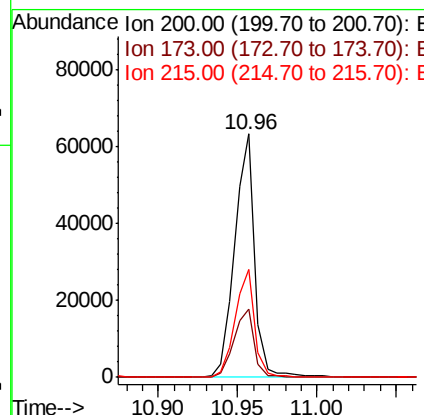
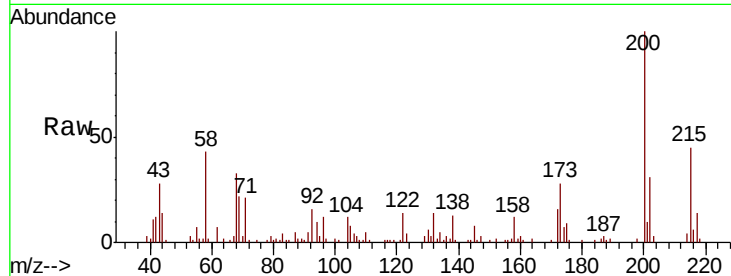
#69
Atrazine
Concen: 46.096 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.2	48.2
215	44.5	26.8	66.8

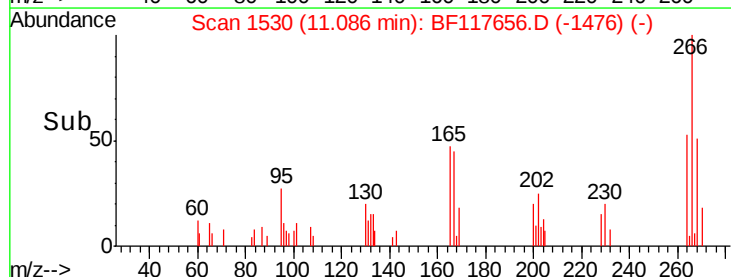
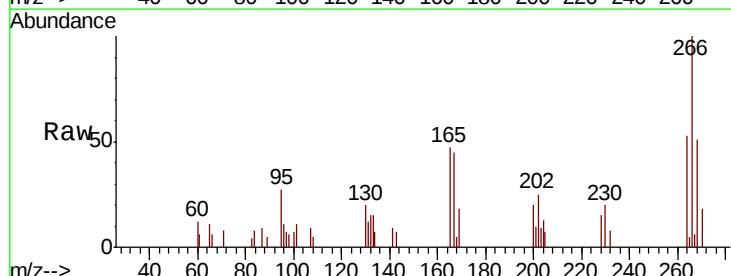
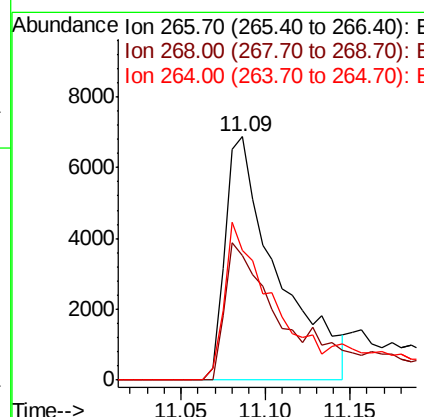
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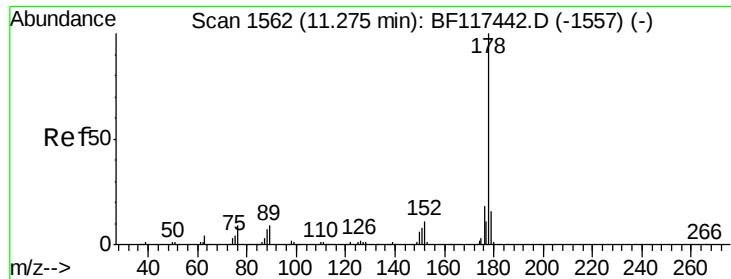
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#70
Pentachlorophenol
Concen: 33.413 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	51.4	51.6	77.4#
264	58.6	51.4	77.2





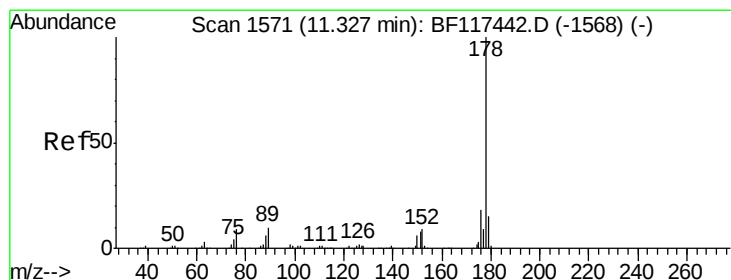
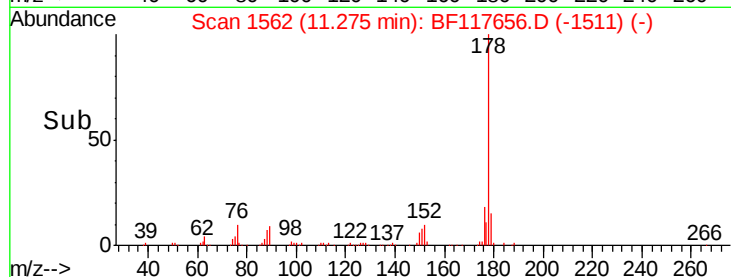
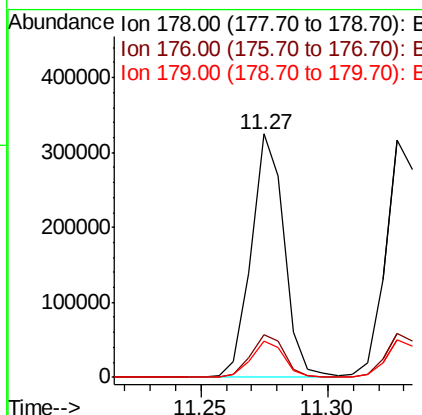
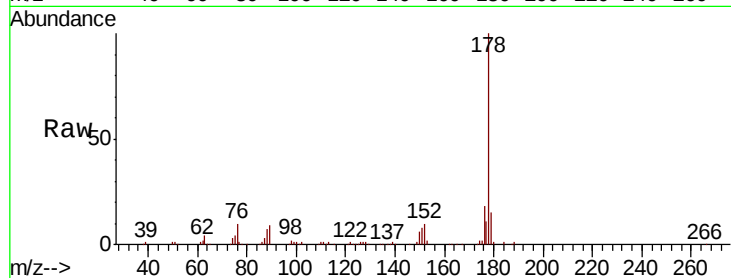
#71
Phenanthrene
Concen: 39.521 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	15.0	12.6	19.0

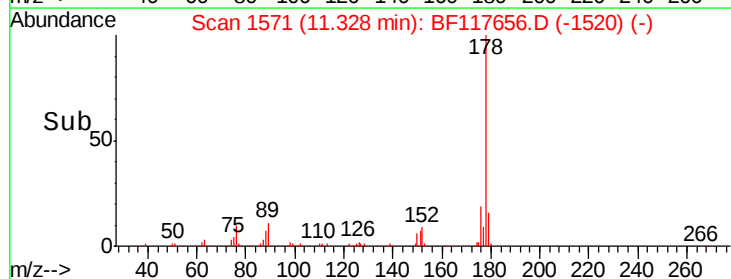
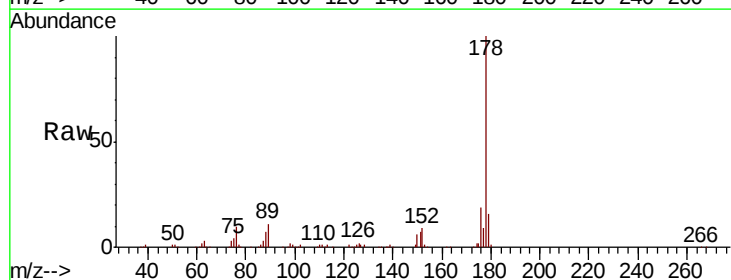
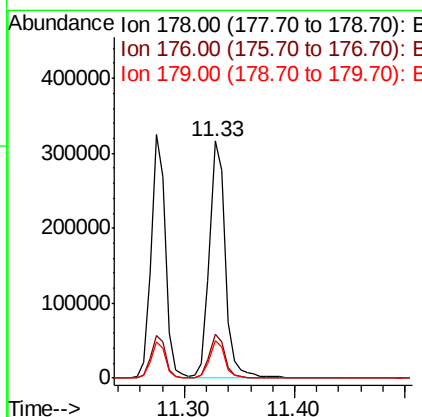
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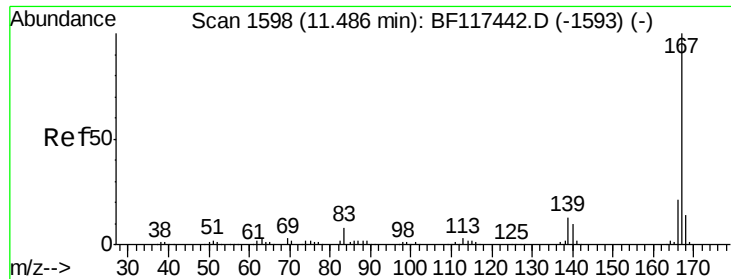
mohammad
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#72
Anthracene
Concen: 40.642 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.7	12.2	18.2





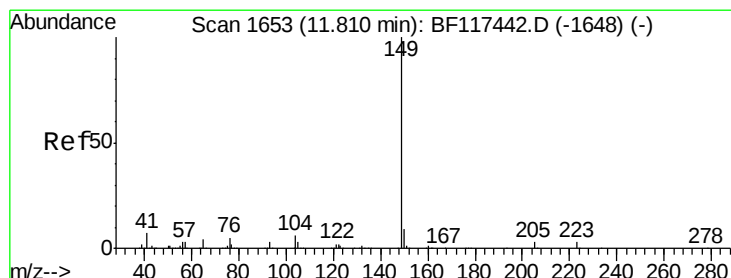
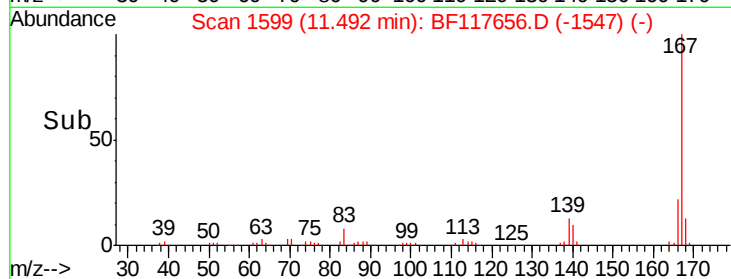
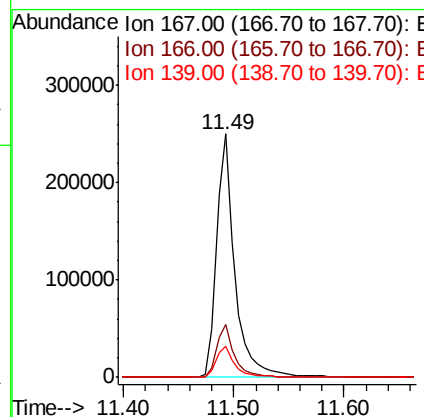
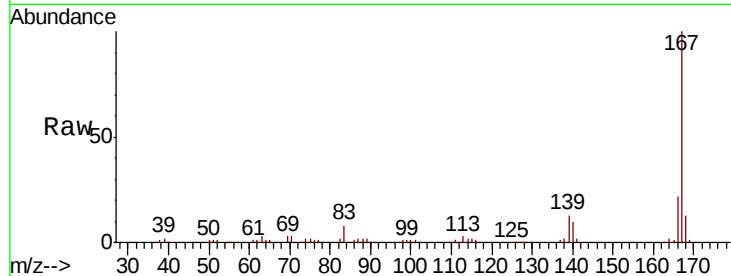
#73
 Carbazole
 Concen: 40.268 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	12.9	10.6	16.0

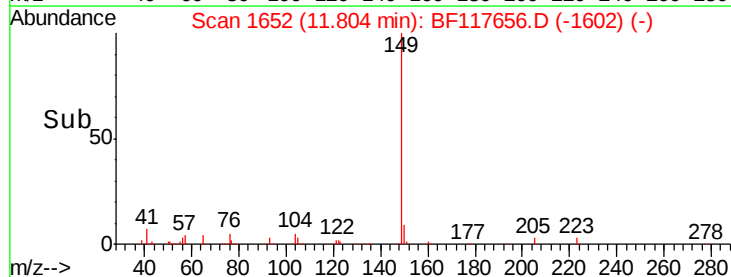
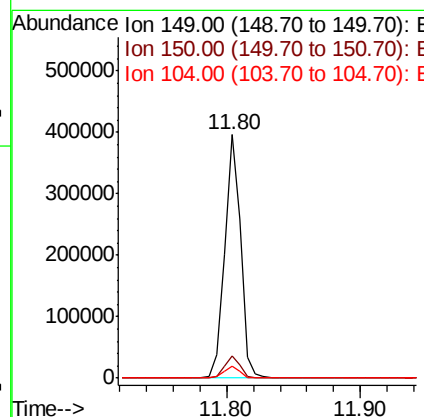
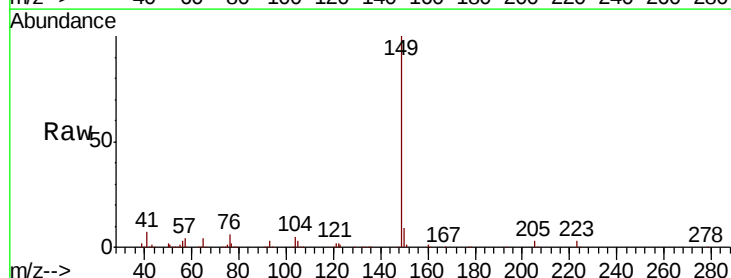
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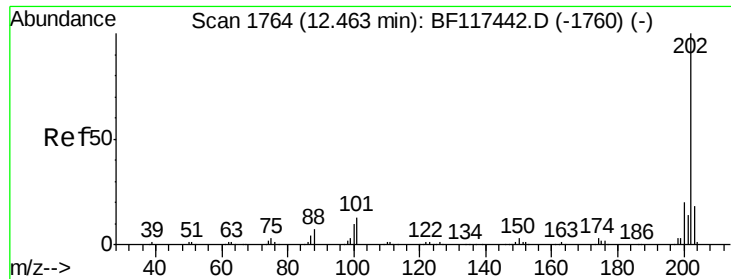
mohammad
 11/1/2019 12:34:28 PM



#74
 Di-n-butylphthalate
 Concen: 35.632 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.1	4.6	6.8





#75

Fluoranthene

Concen: 39.163 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

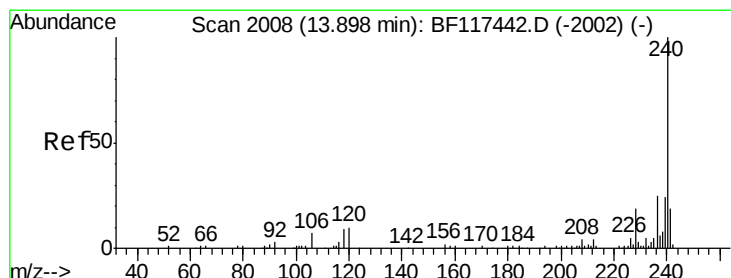
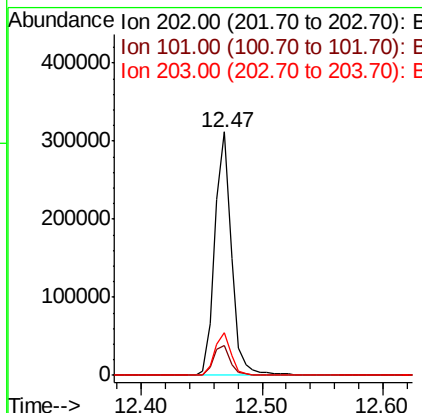
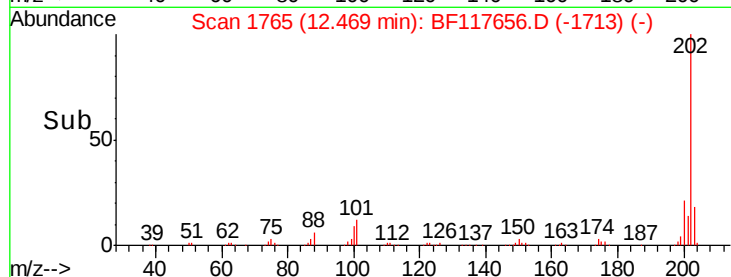
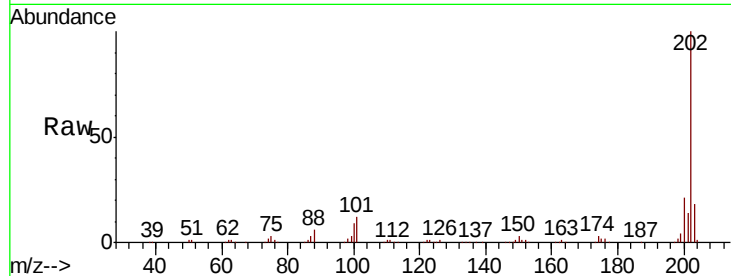
ClientSampleId :

PB124409BSD

Tot Ion:	202	Resp:	292837
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.7
203	17.6	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

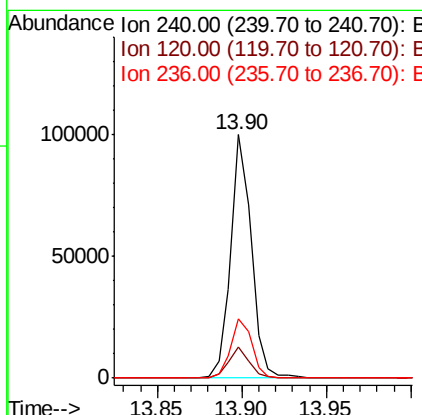
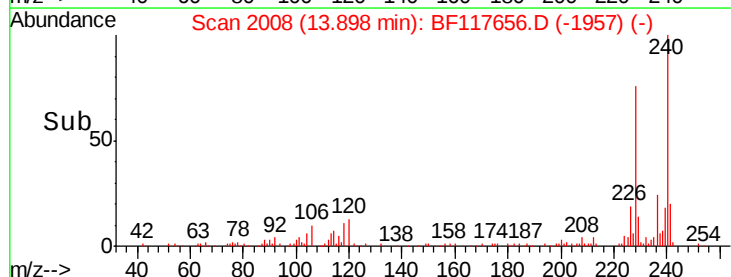
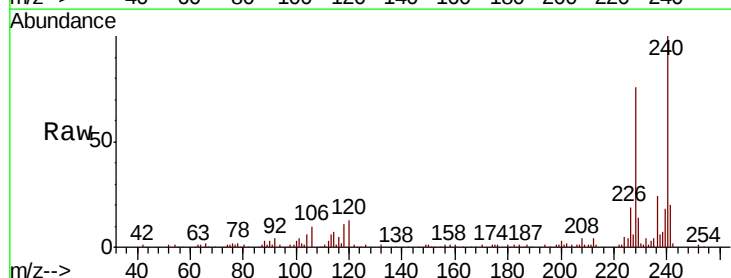
RT: 13.90 min Scan# 2008

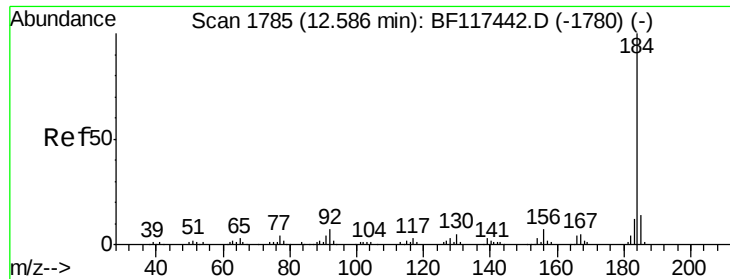
Delta R.T. 0.00 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	240	Resp:	84842
Ion Ratio	Lower	Upper	
240	100		
120	13.0	8.4	12.6#
236	24.5	20.0	30.0





#77

Benzidine

Concen: 51.753 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

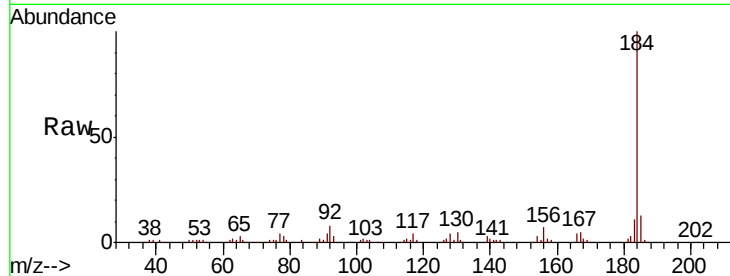
ClientSampleId :

PB124409BSD

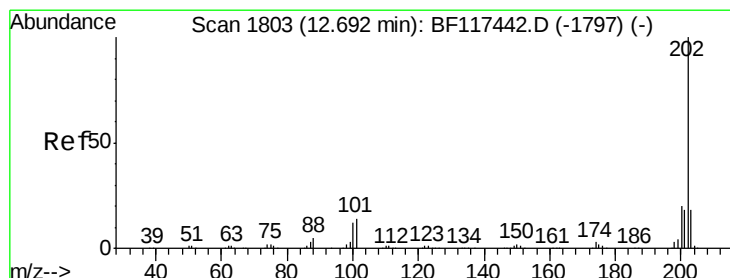
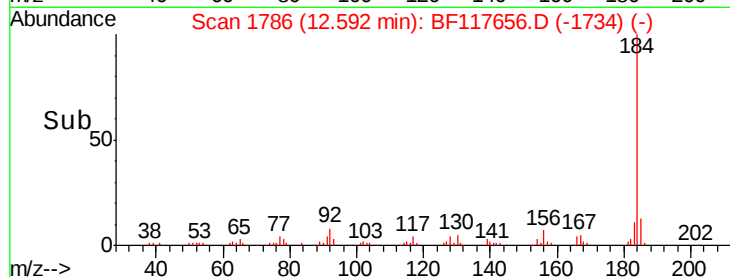
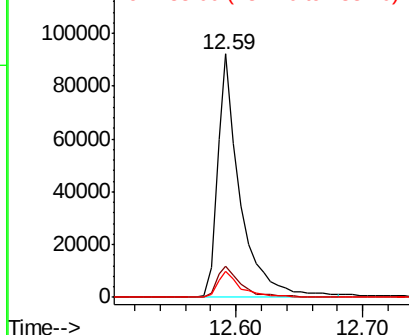
Tot Ion:	184	Resp:	114460
Ion Ratio	Lower	Upper	
184	100		
185	12.9	11.4	17.0
183	10.7	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.940 ng

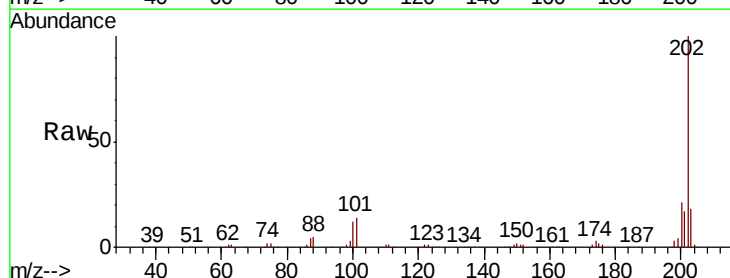
RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

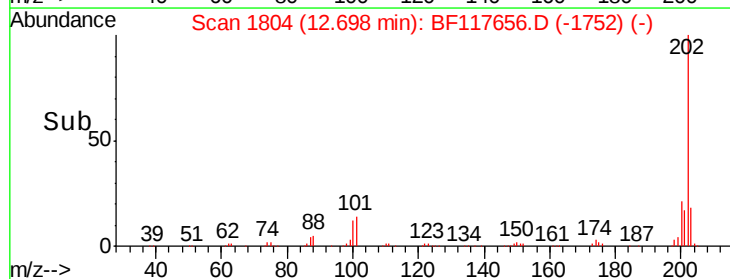
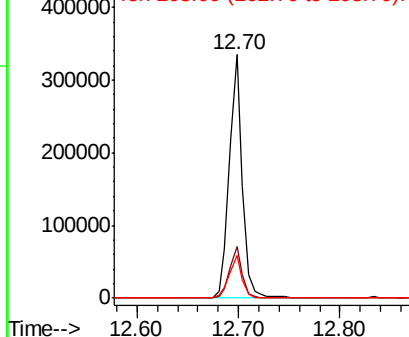
Lab File: BF117656.D

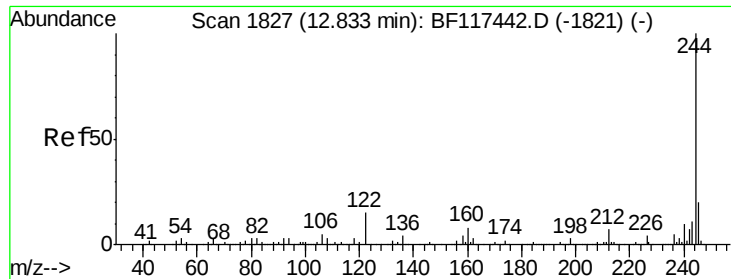
Acq: 31 Oct 2019 14:24

Tgt Ion:	202	Resp:	298350
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.2	24.2
203	17.7	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





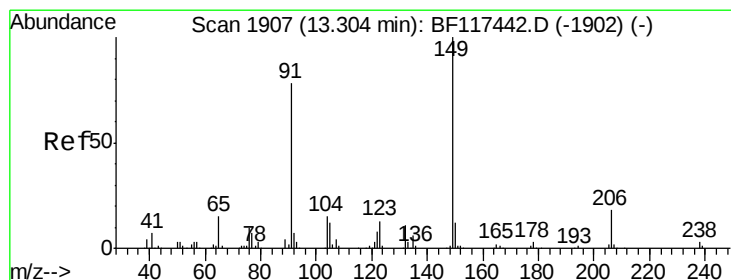
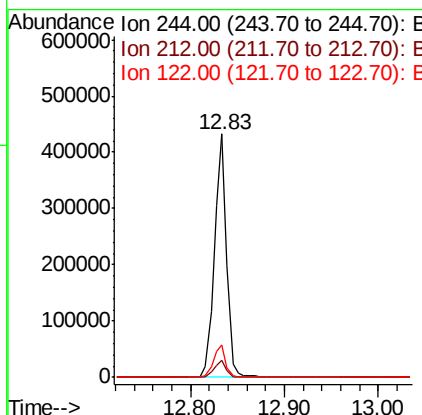
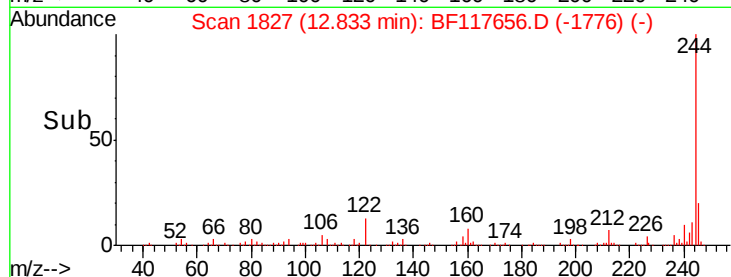
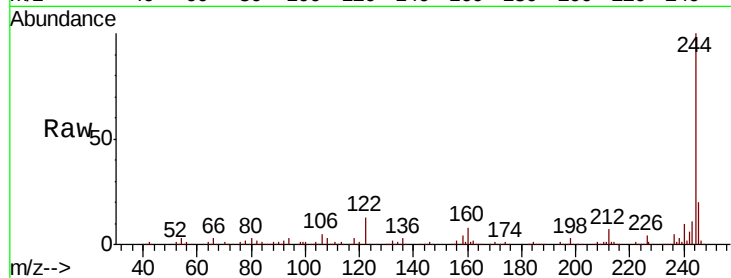
#79
 Terphenyl-d14
 Concen: 76.067 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.4	11.8	17.8

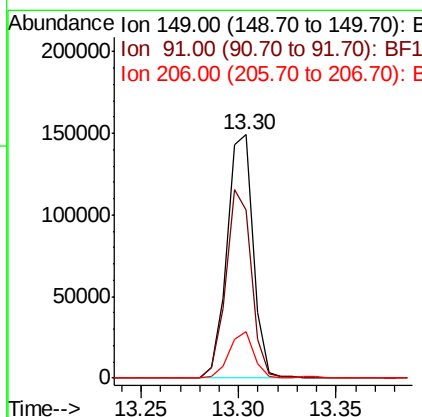
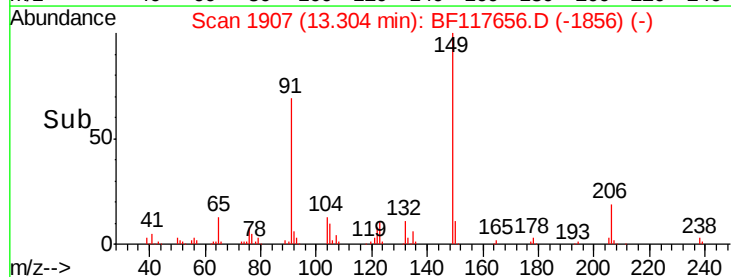
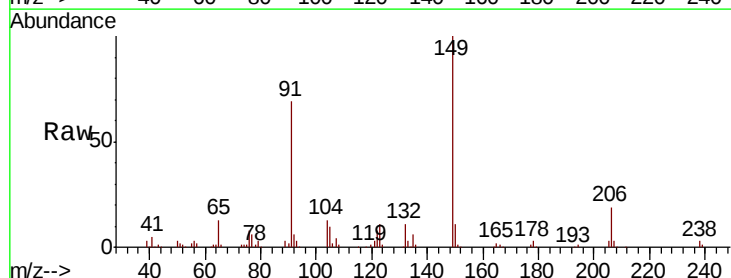
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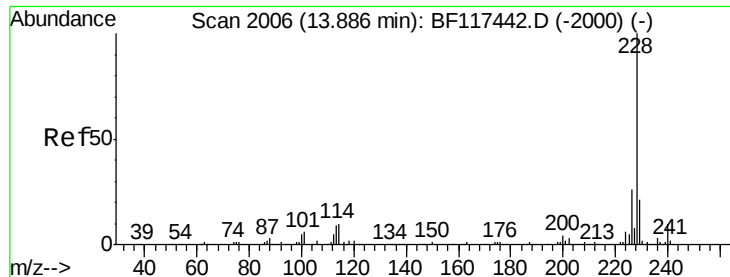
mohammad
 11/1/2019 12:34:28 PM



#80
 Butylbenzylphthalate
 Concen: 38.332 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	62.1	93.1
206	19.0	14.3	21.5





#81

Benzo(a)anthracene

Concen: 39.488 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

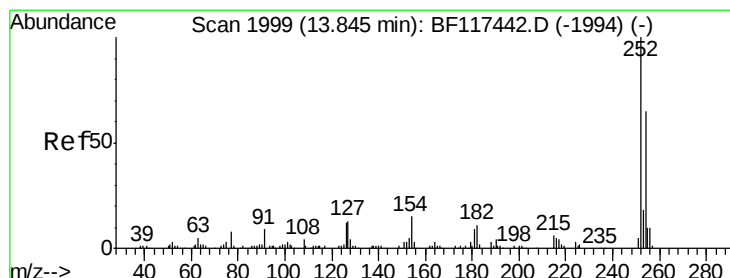
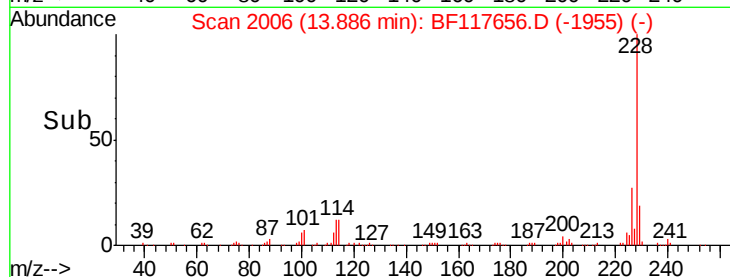
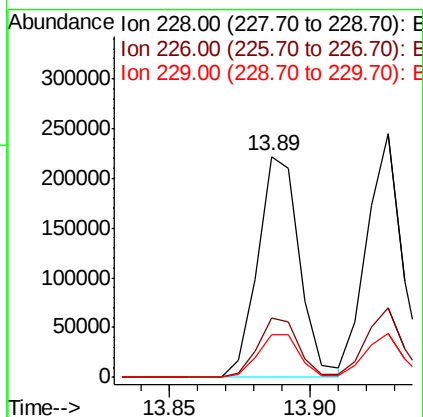
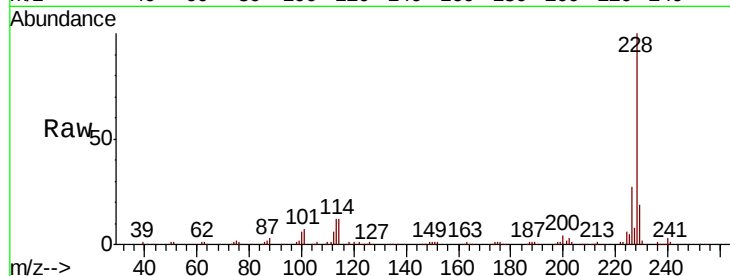
ClientSampleId :

PB124409BSD

Tot Ion:	228	Resp:	225985
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.0	31.4
229	19.4	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.016 ng

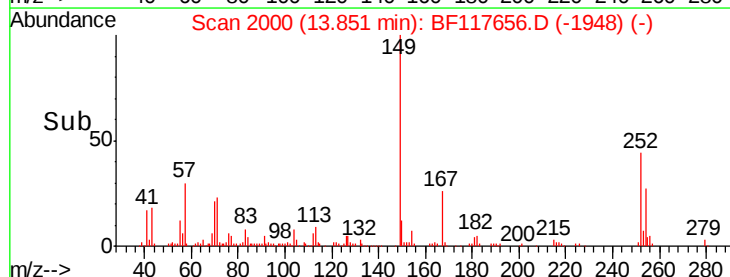
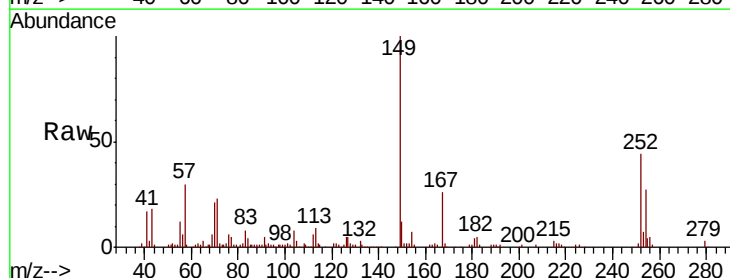
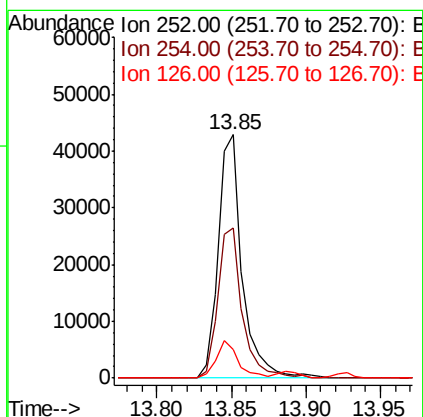
RT: 13.85 min Scan# 2000

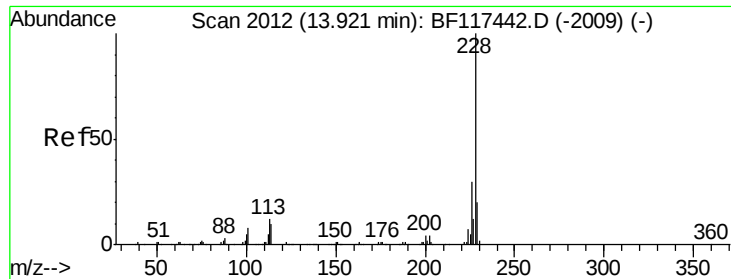
Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:	252	Resp:	48515
Ion Ratio	Lower	Upper	
252	100		
254	61.6	52.2	78.4
126	11.9	9.2	13.8





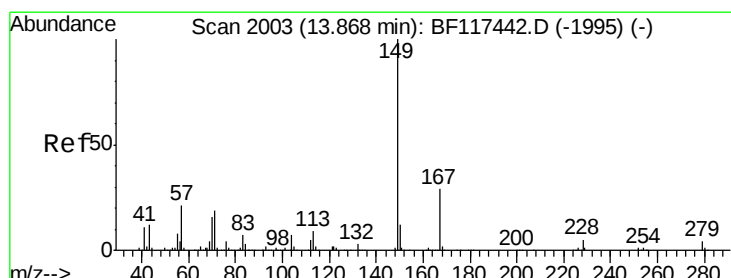
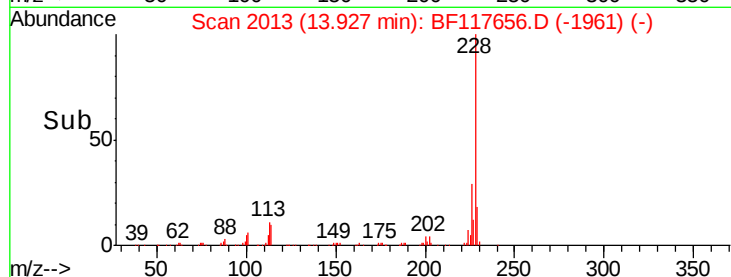
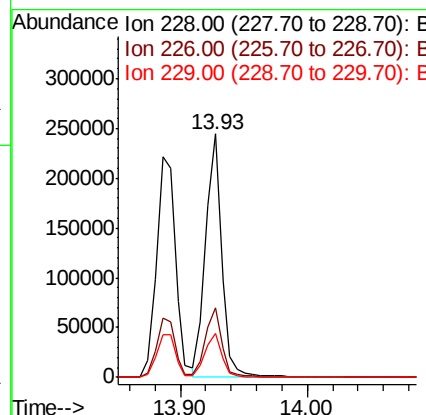
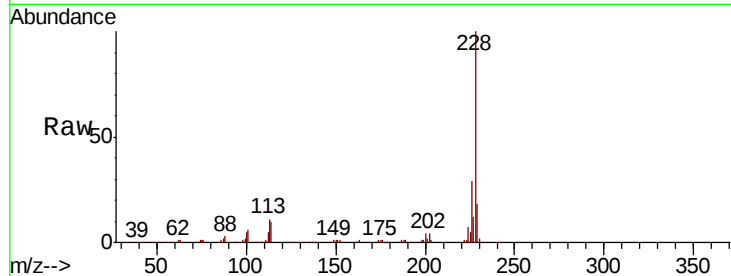
#83
 Chrysene
 Concen: 38.504 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	18.1	15.8	23.6

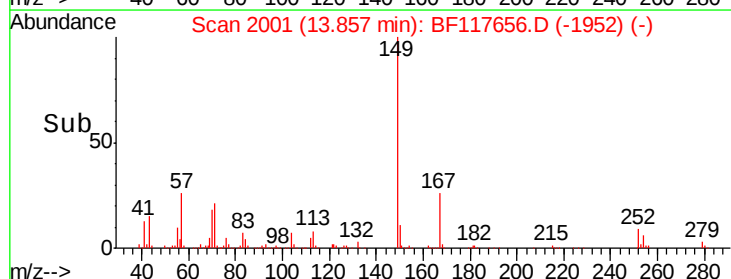
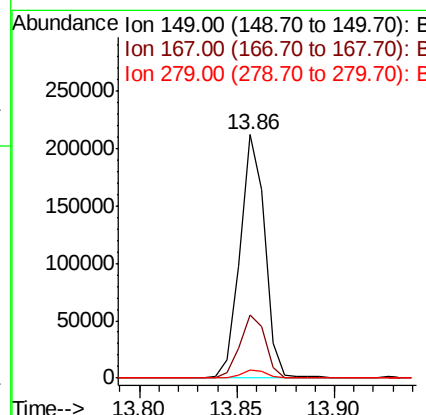
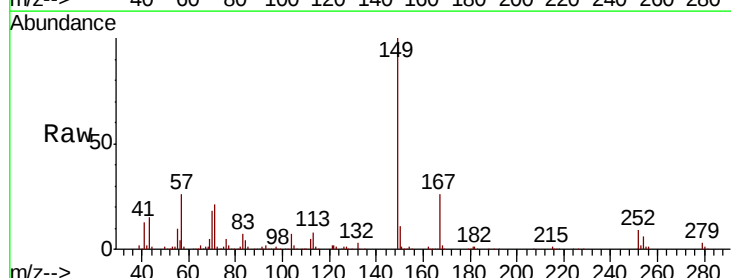
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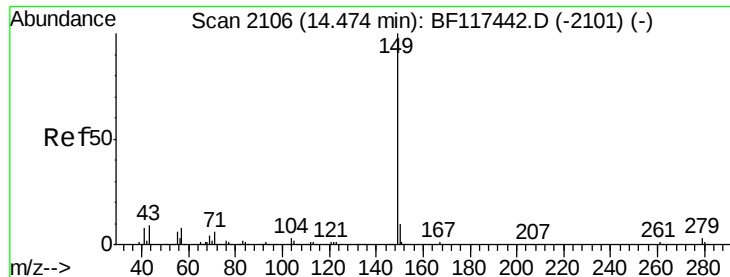
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.772 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.3	34.9
279	3.2	3.2	4.8#





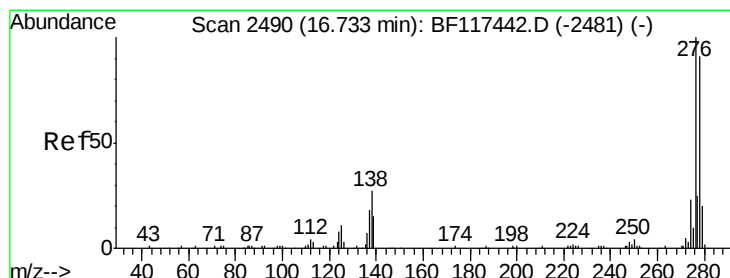
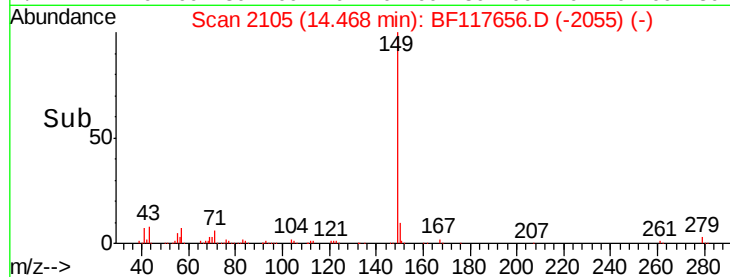
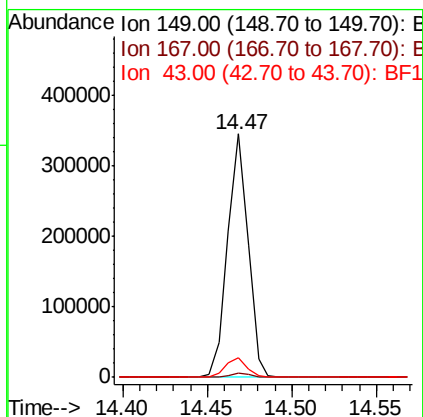
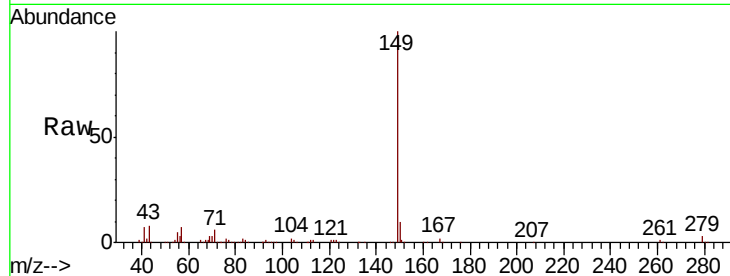
#85
Di-n-octyl phthalate
Concen: 37.327 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	291539		
167	1.6		1.2	1.8
43	8.2		6.8	10.2

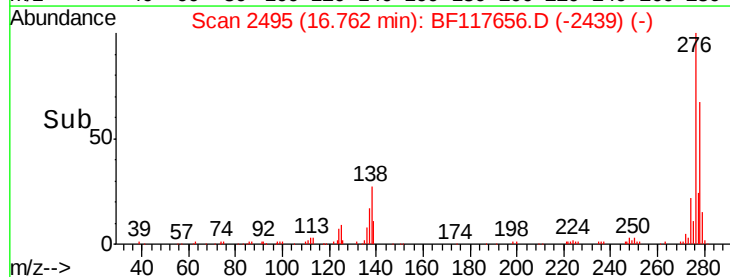
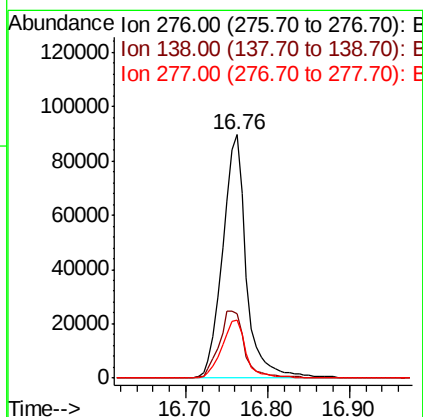
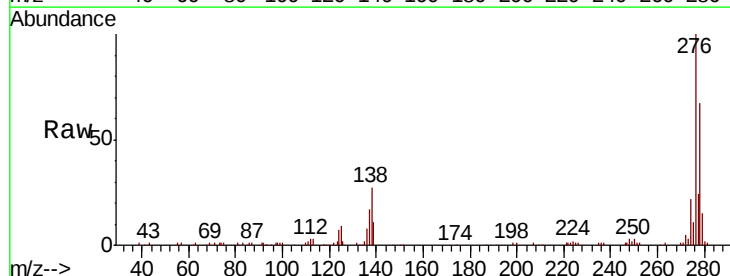
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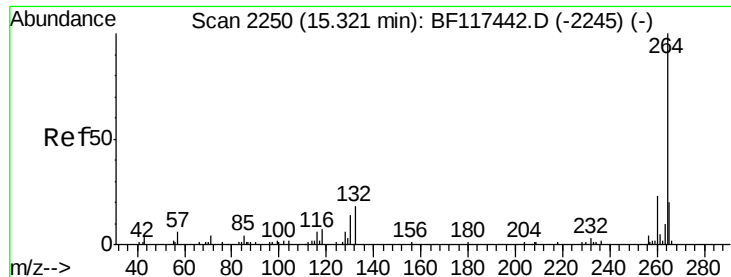
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.033 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	180203		
138	29.9		21.8	32.8
277	24.2		20.0	30.0





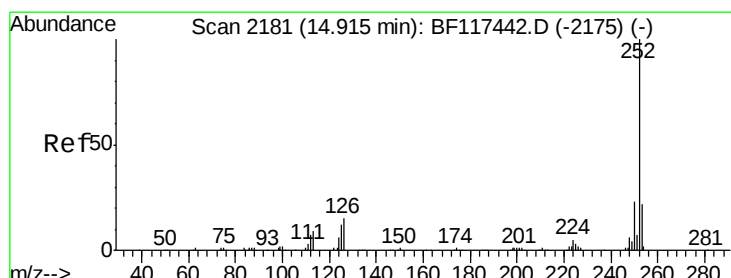
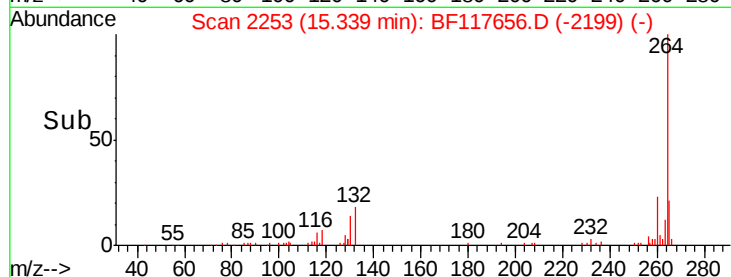
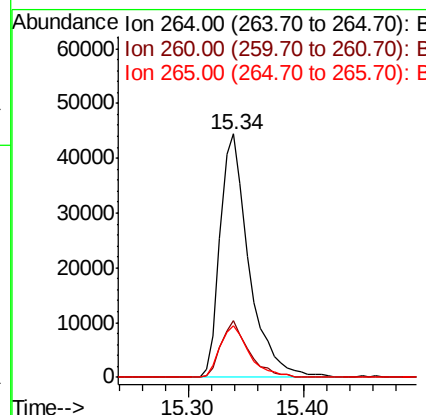
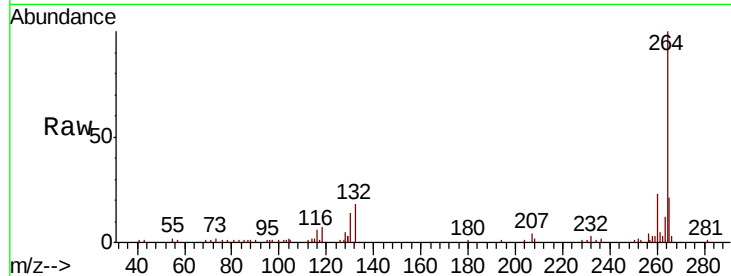
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.2	16.1	24.1

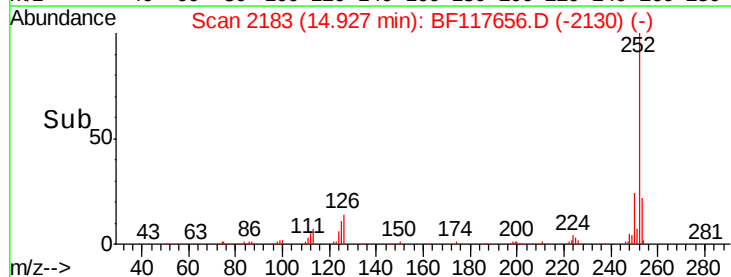
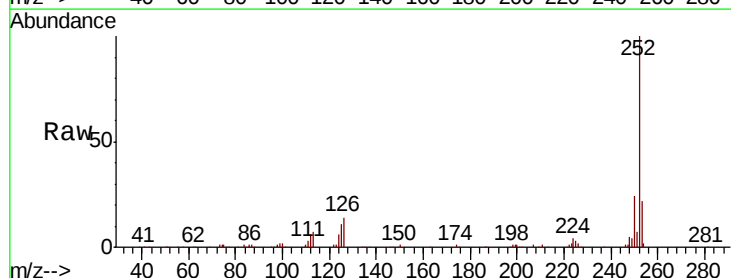
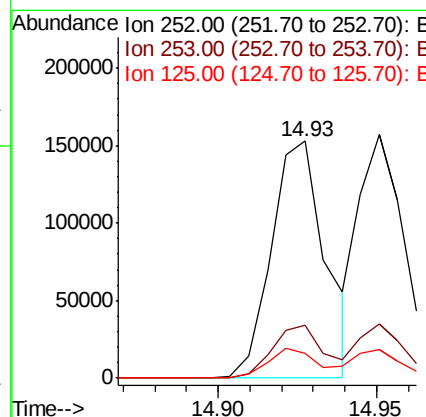
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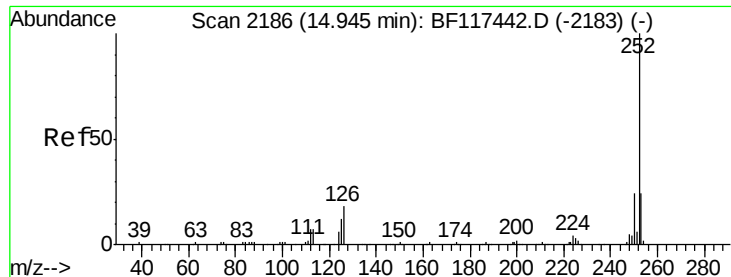
mohammad
11/1/2019 12:34:28 PM



#88
Benzo(b)fluoranthene
Concen: 39.941 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.5	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 36.364 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

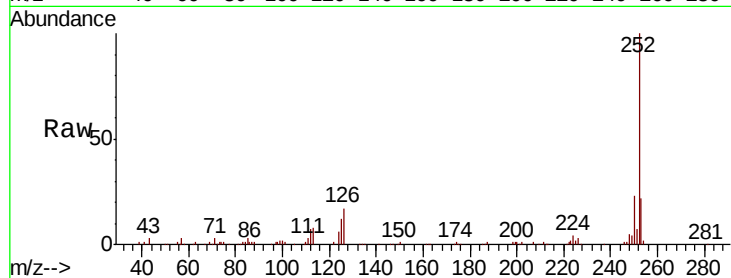
ClientSampleId :

PB124409BSD

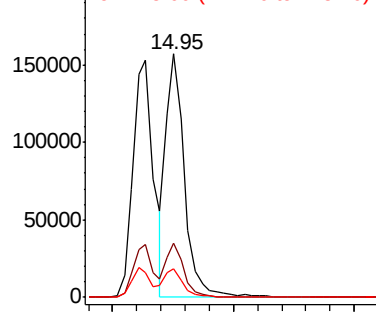
Tot Ion:	252	Resp:	169391
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	11.9	8.9	13.3

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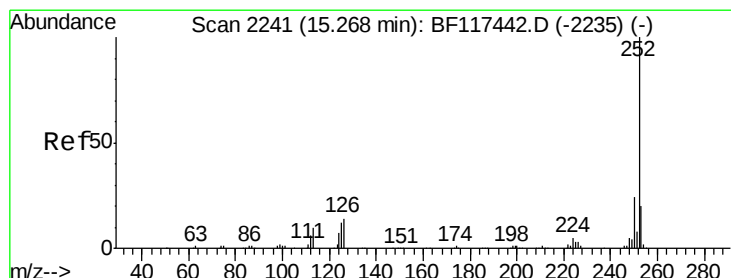
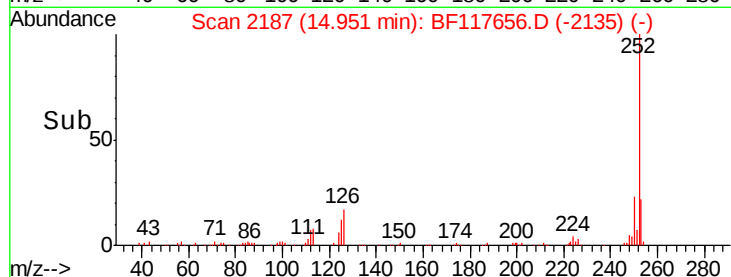
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 38.703 ng

RT: 15.28 min Scan# 2243

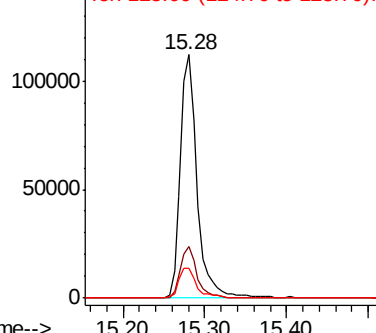
Delta R.T. 0.01 min

Lab File: BF117656.D

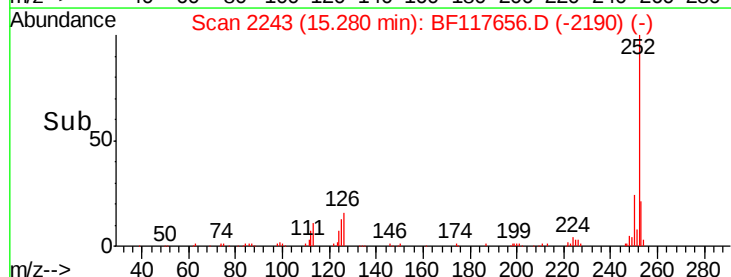
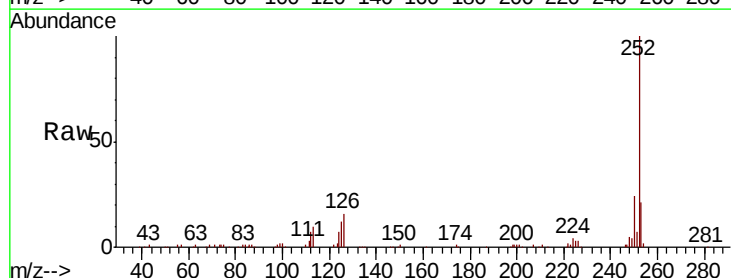
Acq: 31 Oct 2019 14:24

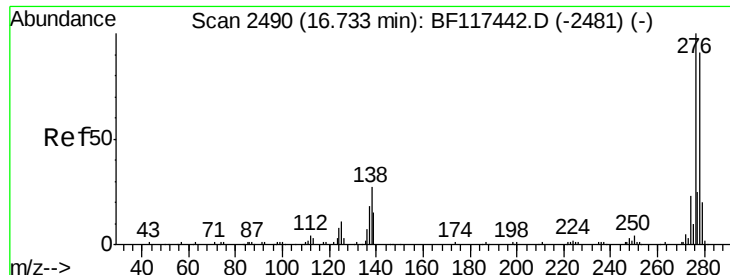
Tgt Ion:	252	Resp:	159928
Ion Ratio	Lower	Upper	
252	100		
253	21.3	16.3	24.5
125	12.3	9.2	13.8

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



Time-->





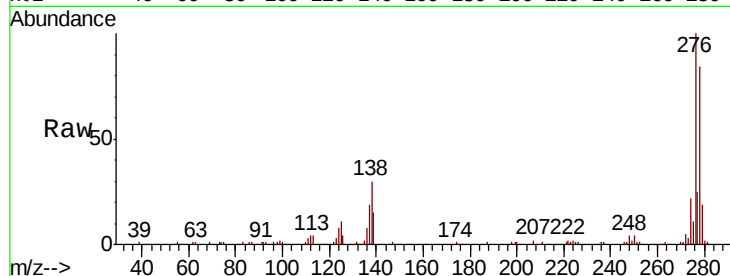
#91
Dibenzo(a,h)anthracene
Concen: 42.484 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

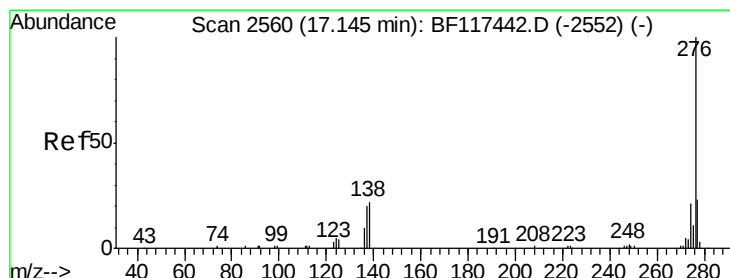
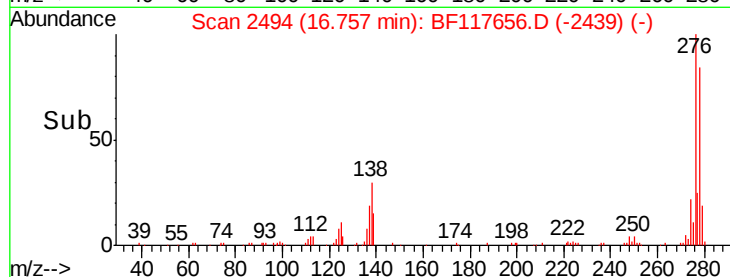
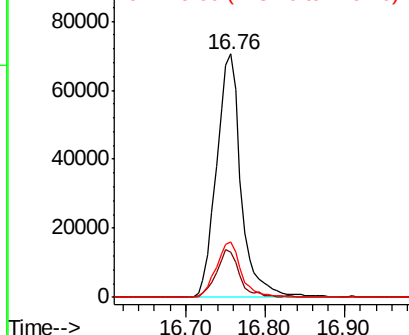
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.4	20.0
279	22.8	17.8	26.6

Manual Integrations
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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: 44.717 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.04 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	24.8	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

