

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117496.D
 Acq On : 23 Oct 2019 21:10
 Operator : JU
 Sample : K5494-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FTMS

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:10:55 PM

Quant Time: Oct 24 09:27:30 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	45674	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	182935	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	95751	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	146984	20.00	ng	0.00
76) Chrysene-d12	13.89	240	82097	20.00	ng	0.00
87) Perylene-d12	15.32	264	97566	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	267165	87.02	ng	0.00
7) Phenol-d6	6.39	99	377574	91.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	238084	64.25	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	67050	80.93	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	375838	55.31	ng	0.00
79) Terphenyl-d14	12.83	244	298794	59.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	47978	37.170	ng	95
3) Pyridine	3.17	79	109302	34.591	ng	92
4) n-Nitrosodimethylamine	3.11	42	50046	43.657	ng	97
6) Aniline	6.40	93	126640	26.160	ng	# 9
8) 2-Chlorophenol	6.52	128	142283	43.920	ng	98
9) Benzaldehyde	6.28	77	83380	42.192	ng	98
10) Phenol	6.40	94	184026	43.726	ng	83
11) bis(2-Chloroethyl)ether	6.47	93	131200	42.147	ng	97
12) 1,3-Dichlorobenzene	6.67	146	144702	40.026	ng	97
13) 1,4-Dichlorobenzene	6.75	146	150443	41.021	ng	98
14) 1,2-Dichlorobenzene	6.90	146	139874	40.461	ng	97
15) Benzyl Alcohol	6.89	79	126927	43.084	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	133108	39.638	ng	65
17) 2-Methylphenol	7.00	107	116353	43.659	ng	93
18) Hexachloroethane	7.24	117	55954	39.089	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	107255	42.590	ng	98
20) 3+4-Methylphenols	7.16	107	149226	42.708	ng	# 79
22) Acetophenone	7.15	105	206068	42.422	ng	# 94
24) Nitrobenzene	7.32	77	156853	44.194	ng	96
25) Isophorone	7.56	82	289281	45.127	ng	98
26) 2-Nitrophenol	7.64	139	72941	46.080	ng	98
27) 2,4-Dimethylphenol	7.68	122	123286	52.115	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	168231	42.531	ng	97
29) 2,4-Dichlorophenol	7.89	162	111828	45.069	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	115221	43.272	ng	98
31) Naphthalene	8.04	128	406163	44.793	ng	99
32) Benzoic acid	7.84	122	66695	41.161	ng	95
33) 4-Chloroaniline	8.10	127	42496	11.105	ng	96
34) Hexachlorobutadiene	8.15	225	61930	40.183	ng	98
35) Caprolactam	8.47	113	37766m	47.380	ng	
36) 4-Chloro-3-methylphenol	8.59	107	130466	46.104	ng	96
37) 2-Methylnaphthalene	8.73	142	278835	45.636	ng	100
38) 1-Methylnaphthalene	8.83	142	264739	46.111	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101910	39.516	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	25160	46.713	nq	95
43) 2,4,6-Trichlorophenol	9.02	196	72361	44.805	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	75465	46.113	nq	95
46) 1,1'-Biphenyl	9.19	154	324550	40.943	nq	98
47) 2-Chloronaphthalene	9.22	162	248943	41.652	nq	98
48) 2-Nitroaniline	9.32	65	82635	42.117	nq	99
49) Acenaphthylene	9.63	152	389820	44.404	nq	98
50) Dimethylphthalate	9.49	163	391677	57.380	nq	100
51) 2,6-Dinitrotoluene	9.56	165	63567	44.627	nq	97
52) Acenaphthene	9.80	154	230036	42.710	nq	98
53) 3-Nitroaniline	9.73	138	34035	19.693	nq	94
54) 2,4-Dinitrophenol	9.86	184	17555	32.618	nq	90
55) Dibenzofuran	9.97	168	345299	44.250	nq	99
56) 4-Nitrophenol	9.92	139	75123	93.683	nq	# 85
57) 2,4-Dinitrotoluene	9.97	165	84425	44.580	nq	98
58) Fluorene	10.32	166	279303	43.282	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	60654	47.156	nq	99
60) Diethylphthalate	10.19	149	295864	42.852	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	122346	42.258	nq	96
62) 4-Nitroaniline	10.35	138	53518	32.853	nq	97
63) Azobenzene	10.47	77	314795	44.539	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	17864	23.905	nq	91
66) n-Nitrosodiphenylamine	10.43	169	248372	46.222	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	68602	43.332	nq	98
68) Hexachlorobenzene	10.87	284	71589	42.223	nq	93
69) Atrazine	10.96	200	75805	55.448	nq	95
70) Pentachlorophenol	11.07	266	60379	118.790	nq	97
71) Phenanthrene	11.27	178	390564	45.761	nq	99
72) Anthracene	11.33	178	396570	45.285	nq	99
73) Carbazole	11.49	167	356073	44.492	nq	99
74) Di-n-butylphthalate	11.81	149	483085	45.176	nq	100
75) Fluoranthene	12.46	202	356214	41.692	nq	100
78) Pyrene	12.69	202	340546	48.293	nq	98
80) Butylbenzylphthalate	13.30	149	170187	48.499	nq	96
81) Benzo(a)anthracene	13.88	228	252694	45.631	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	77529	44.616	nq	98
83) Chrysene	13.92	228	244954	45.133	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	237495	48.315	nq	97
85) Di-n-octyl phthalate	14.47	149	363522	48.100	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	221211	54.592	nq	99
88) Benzo(b)fluoranthene	14.92	252	232245	40.311	nq	99
89) Benzo(k)fluoranthene	14.94	252	238658	40.416	nq	99
90) Benzo(a)pyrene	15.27	252	222354	42.448	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	189915	41.929	nq	98
92) Benzo(g,h,i)perylene	17.16	276	171531	40.025	nq	98

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

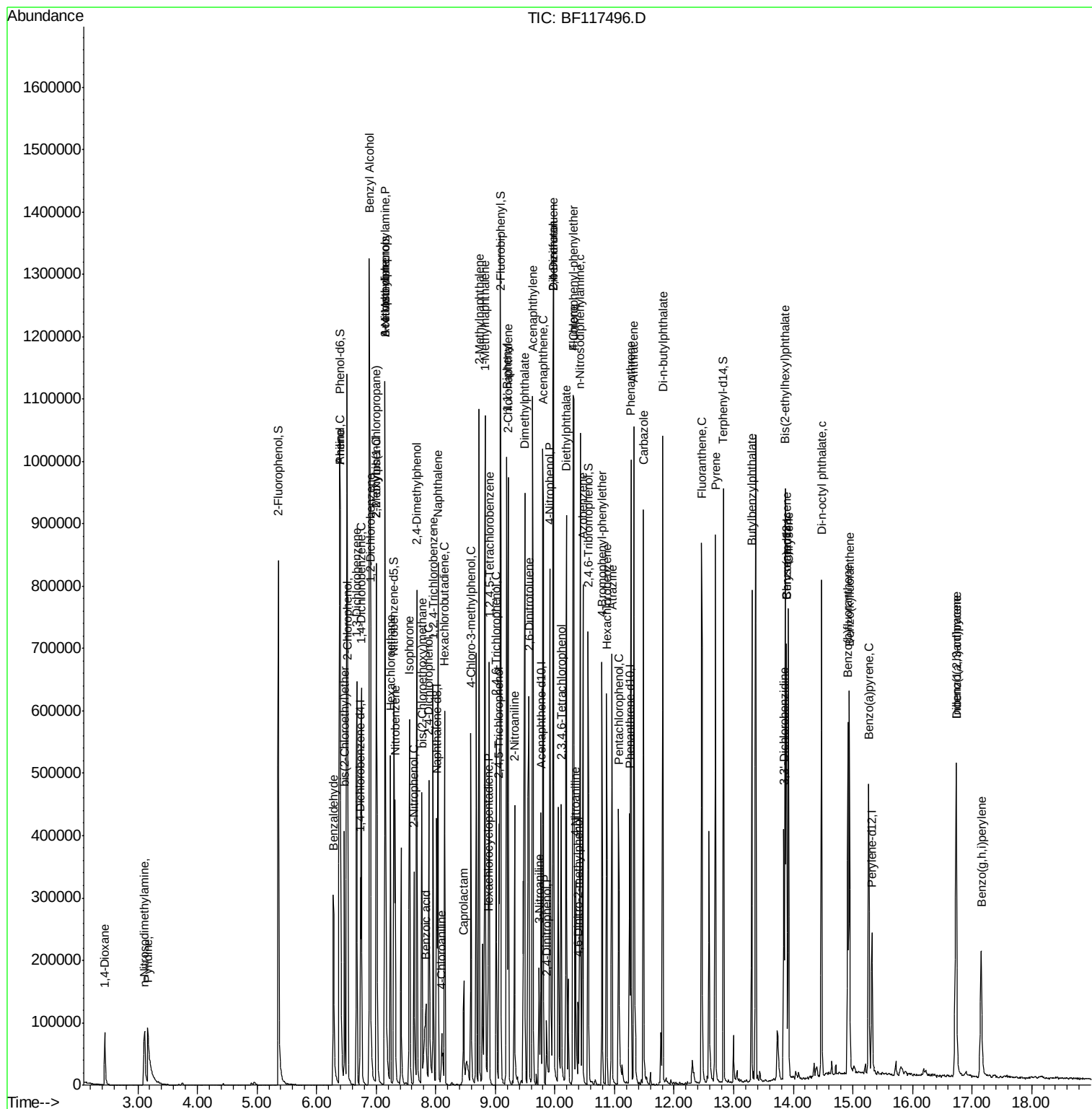
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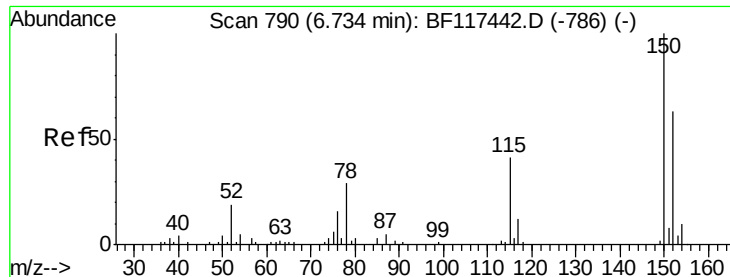
Instrument :
BNA_F
ClientSampled :
TP1-2FTMS

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QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration





#1

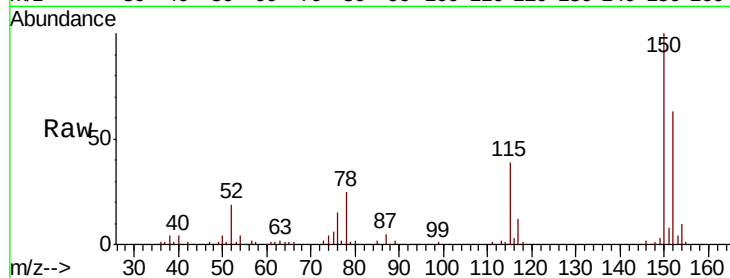
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.8	190.2
115	61.5	51.6	77.4

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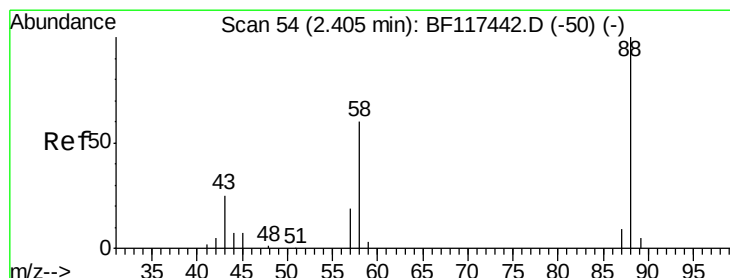
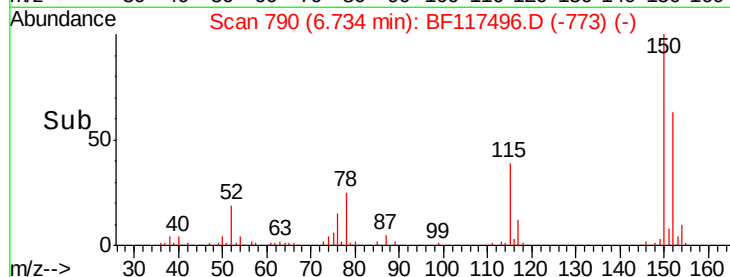
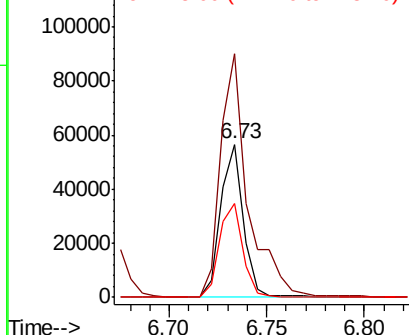


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

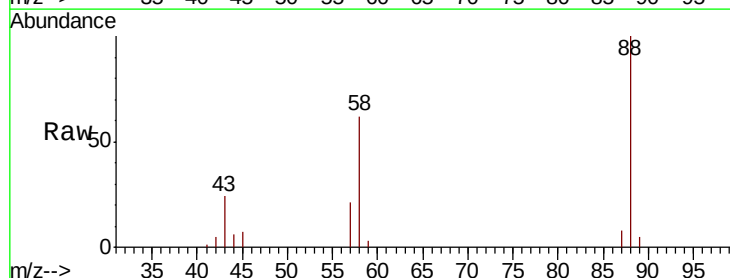
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.170 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	48.8	73.2
43	27.4	18.5	27.7

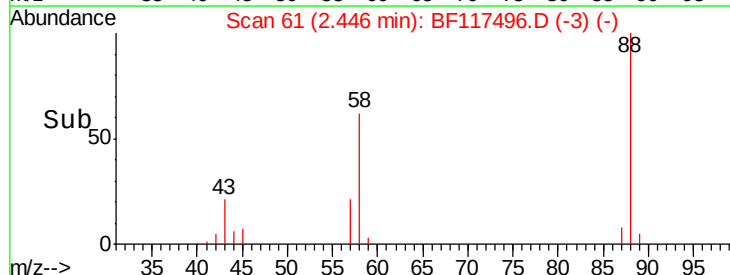
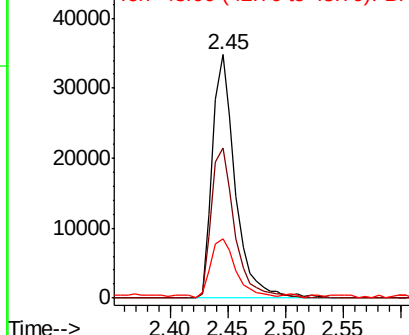


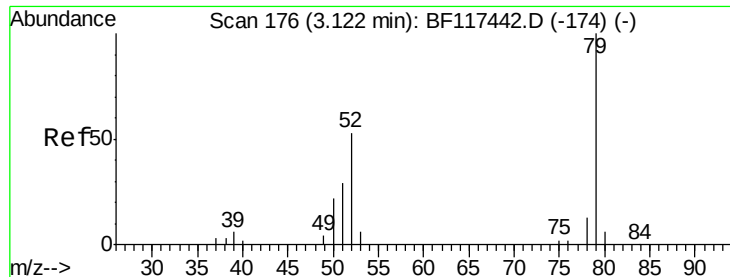
Abundance

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: 34.591 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.05 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

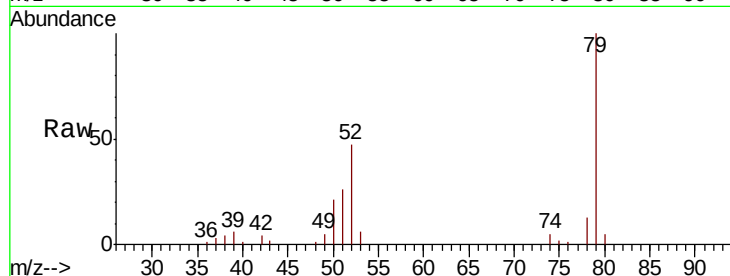
ClientSampleId :

TP1-2FTMS

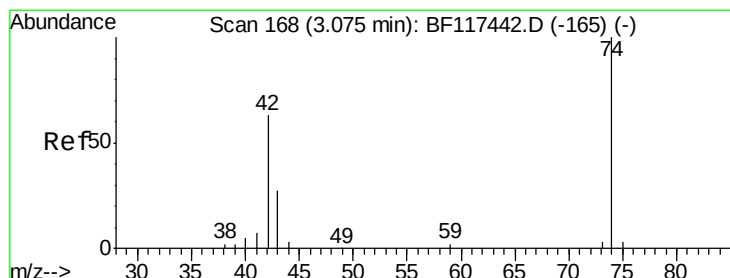
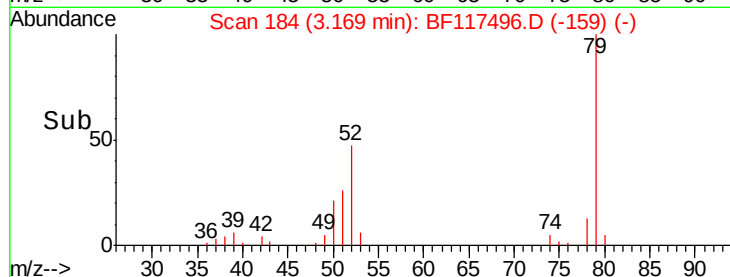
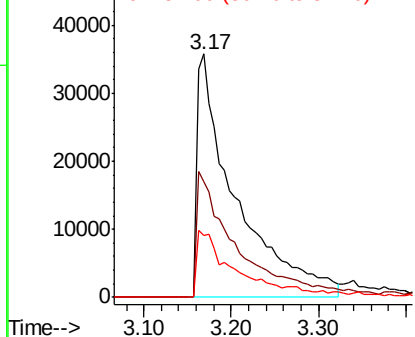
Tot Ion:	79	Resp:	109302
Ion	Ratio	Lower	Upper
79	100		
52	47.3	42.4	63.6
51	25.5	23.3	34.9

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.657 ng

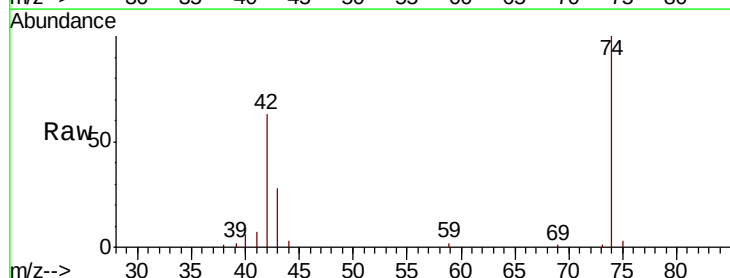
RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

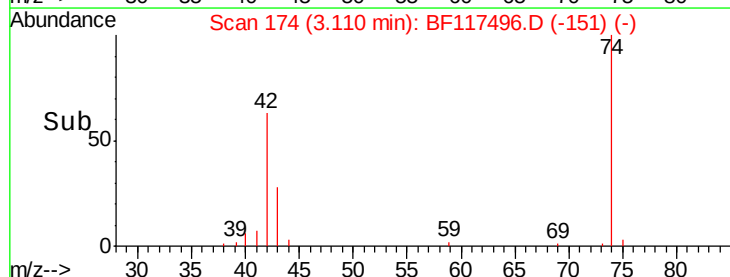
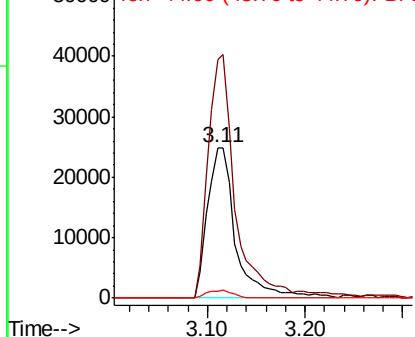
Lab File: BF117496.D

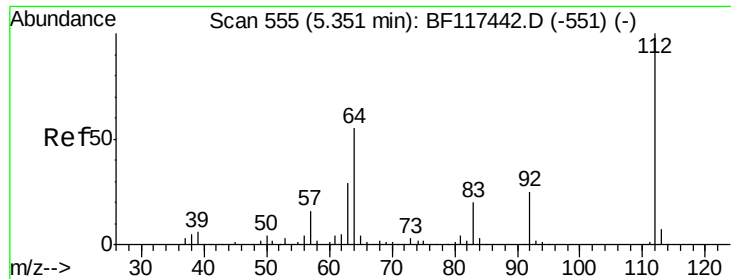
Acq: 23 Oct 2019 21:10

Tgt Ion:	42	Resp:	50046
Ion	Ratio	Lower	Upper
42	100		
74	158.6	124.2	186.4
44	4.4	4.2	6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.022 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

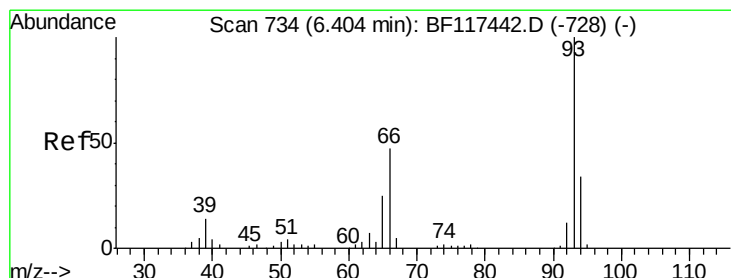
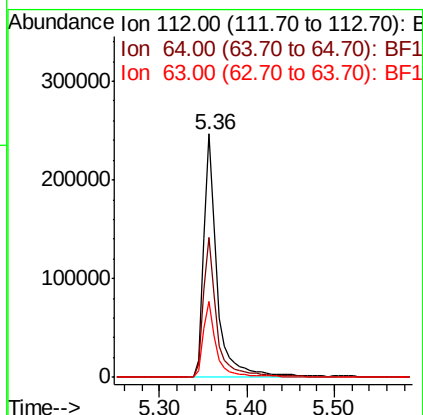
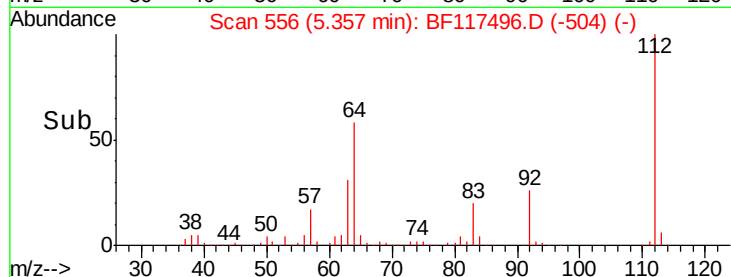
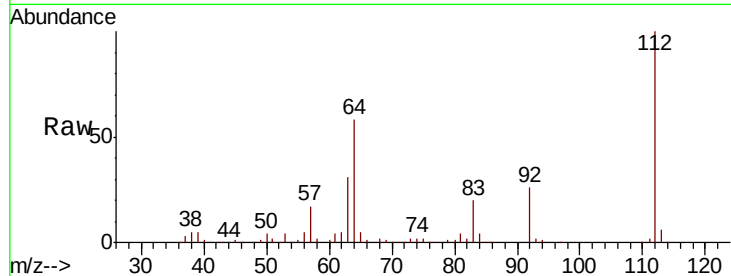
ClientSampleId :

TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	267165		
64	57.6	44.1	66.1	
63	31.0	23.4	35.2	

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#6

Aniline

Concen: 26.160 ng

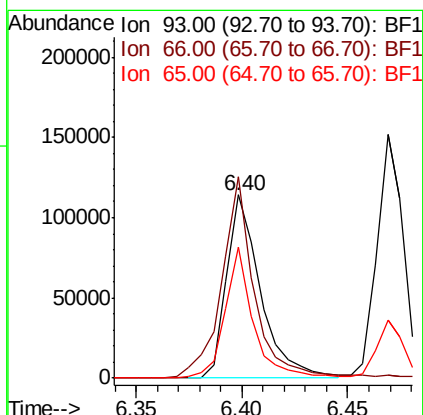
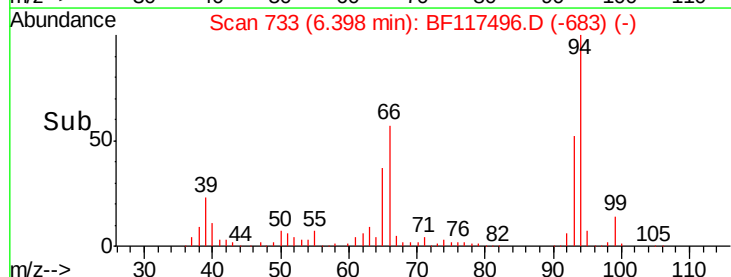
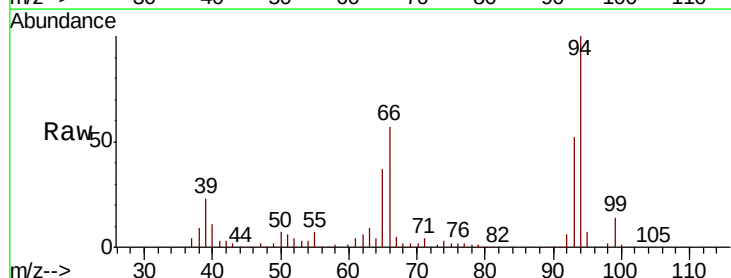
RT: 6.40 min Scan# 733

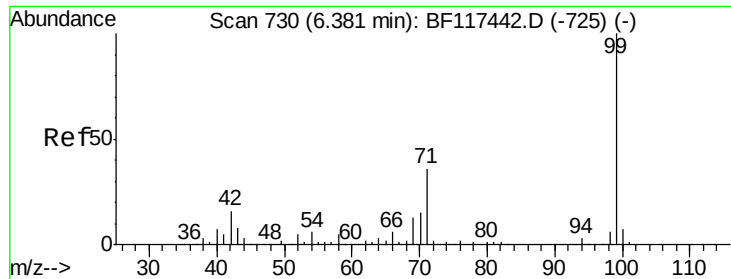
Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	126640		
66	109.9	38.7	58.1#	
65	71.5	20.1	30.1#	





#7

Phenol-d6

Concen: 91.567 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

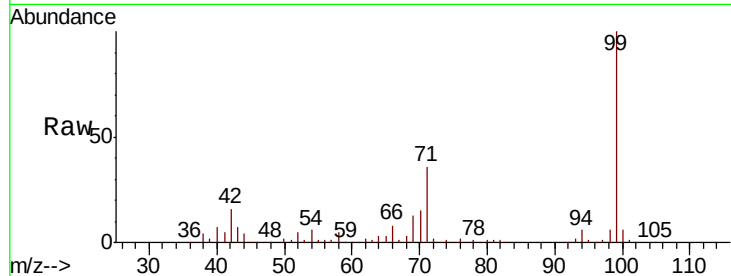
ClientSampleId :

TP1-2FTMS

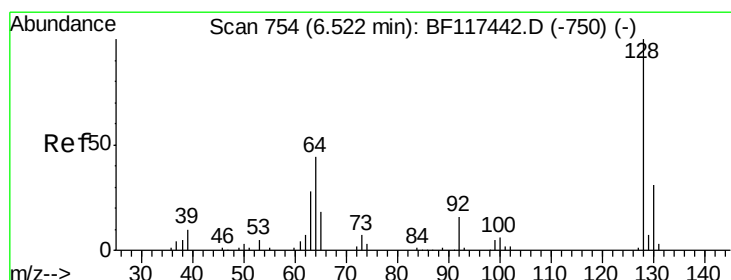
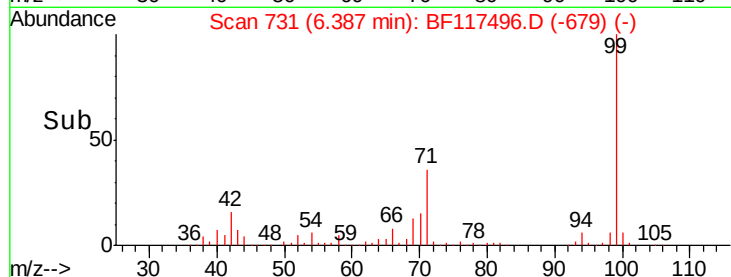
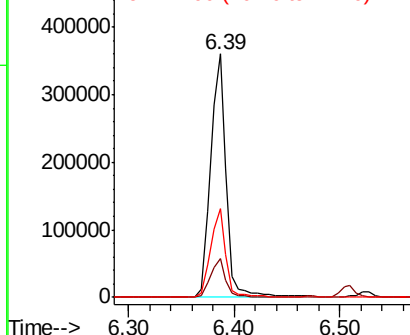
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		377574		
42	16.0	12.8	19.2		
71	36.2	28.6	43.0		

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



#8

2-Chlorophenol

Concen: 43.920 ng

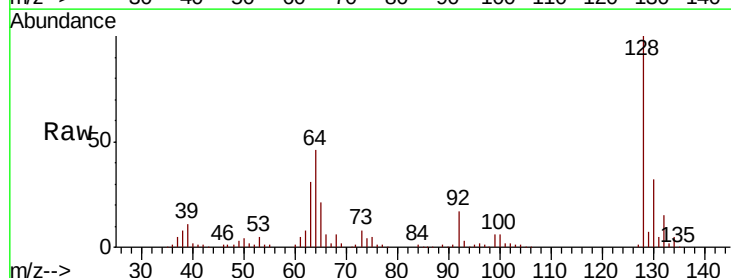
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

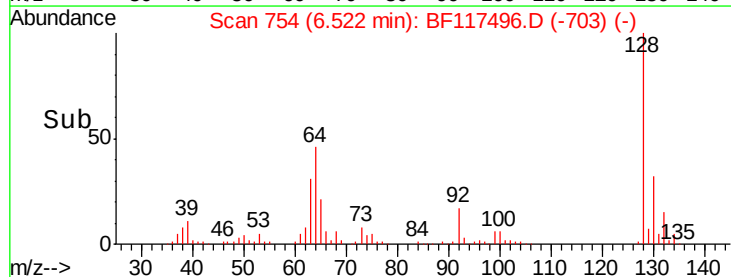
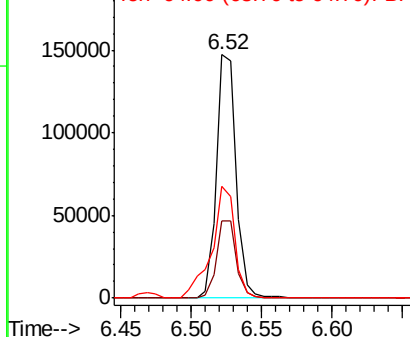
Lab File: BF117496.D

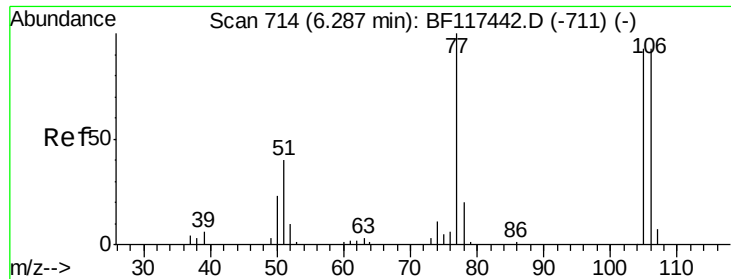
Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		142283		
130	31.9	11.1	51.1		
64	45.8	27.1	67.1		



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





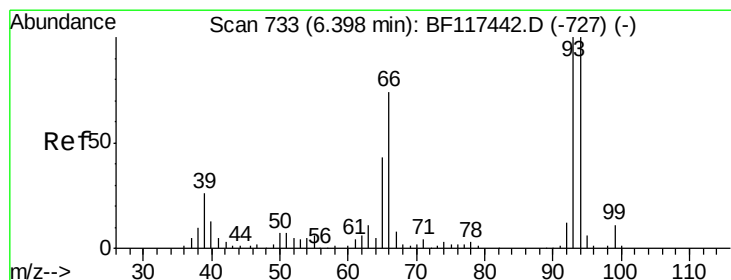
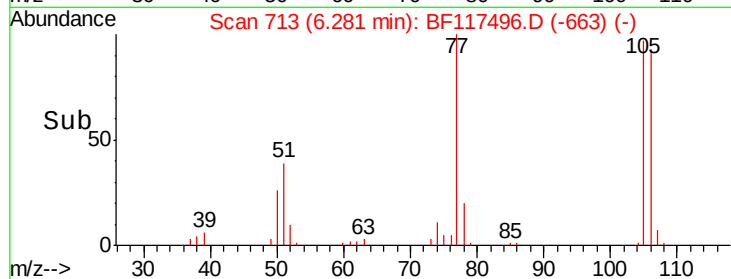
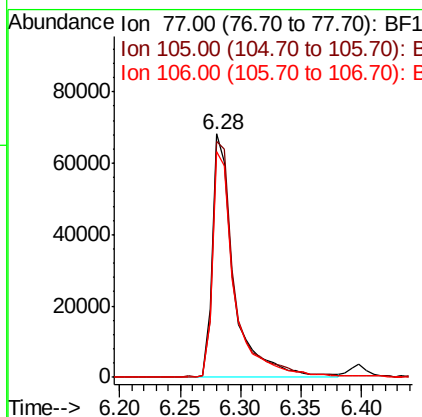
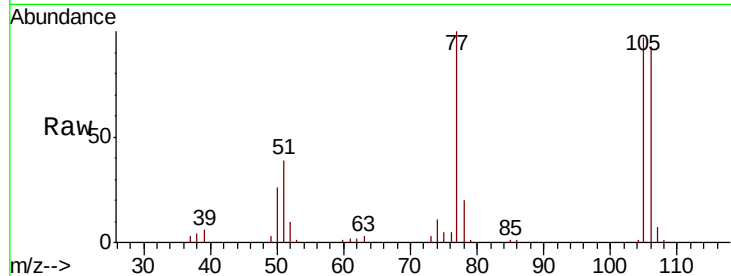
#9
Benzaldehyde
Concen: 42.192 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.1	73.4	113.4
106	92.9	73.0	113.0

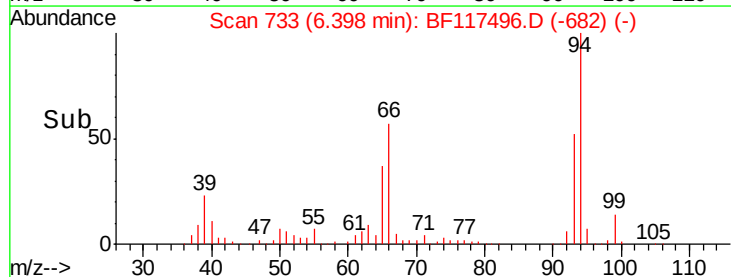
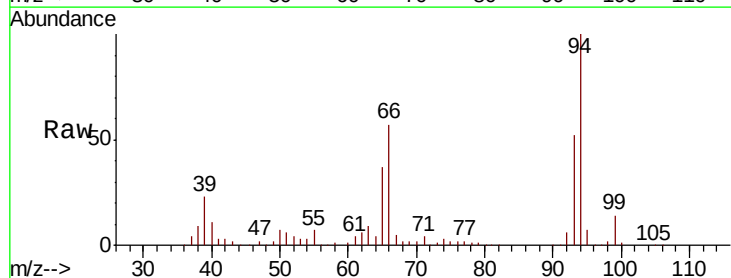
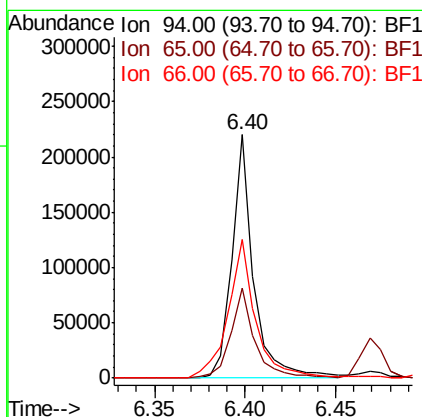
Manual Integrations
APPROVED

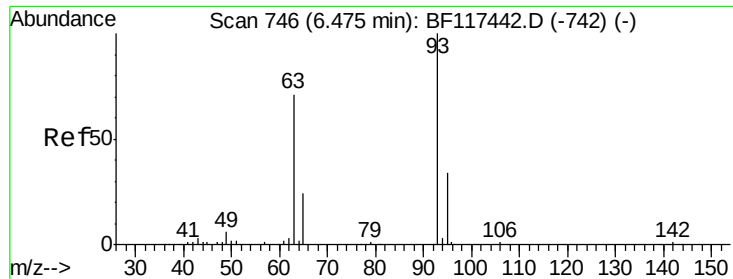
mohammad
10/24/2019 2:10:55 PM



#10
Phenol
Concen: 43.726 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.0	23.4	63.4
66	56.9	54.7	94.7





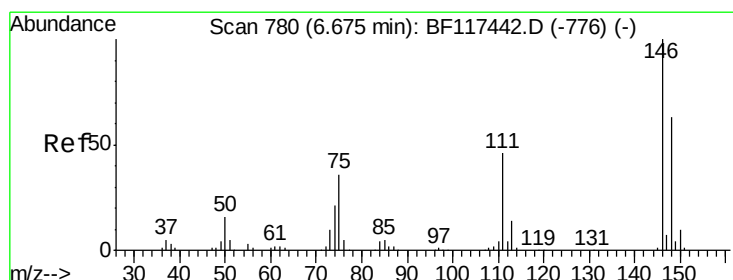
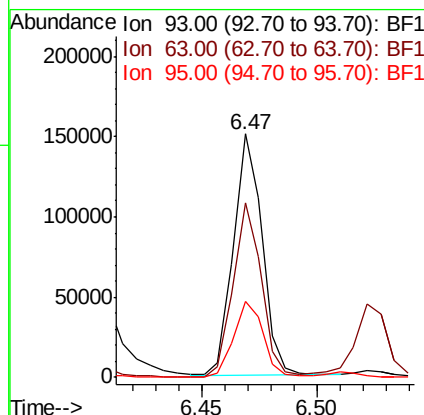
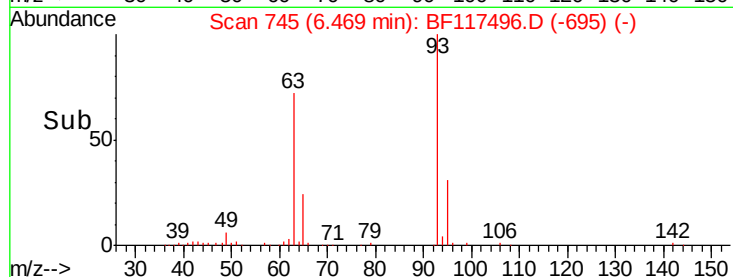
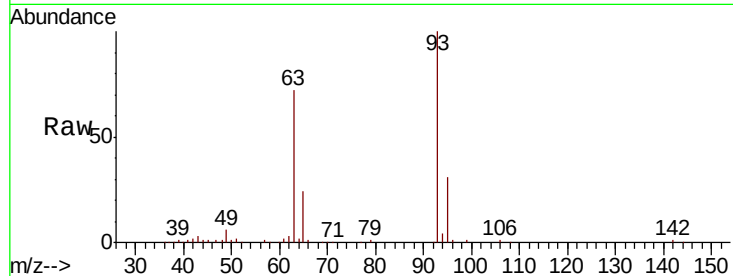
#11
bis(2-Chloroethyl)ether
Concen: 42.147 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion:	93	Resp:	131200
Ion	Ratio	Lower	Upper
93	100		
63	71.9	50.2	90.2
95	31.4	13.9	53.9

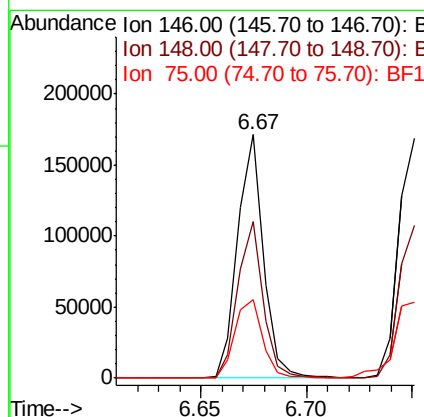
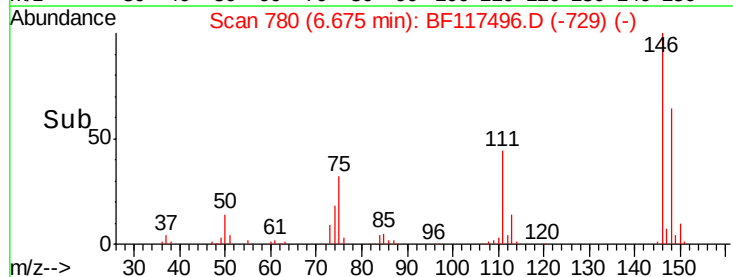
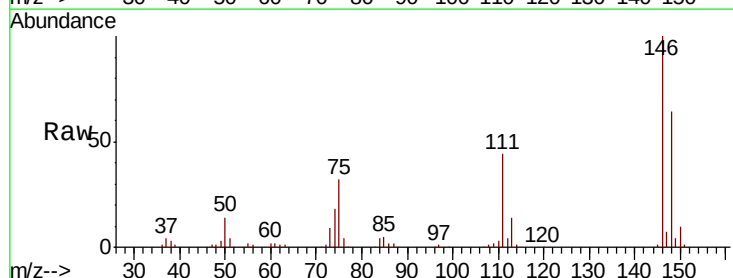
Manual Integrations
APPROVED

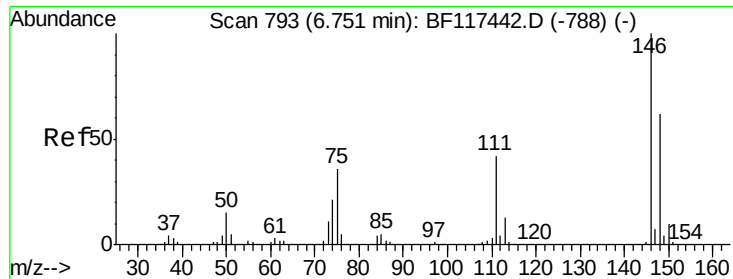
mohammad
10/24/2019 2:10:55 PM



#12
1,3-Dichlorobenzene
Concen: 40.026 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:	146	Resp:	144702
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
75	32.2	28.6	43.0





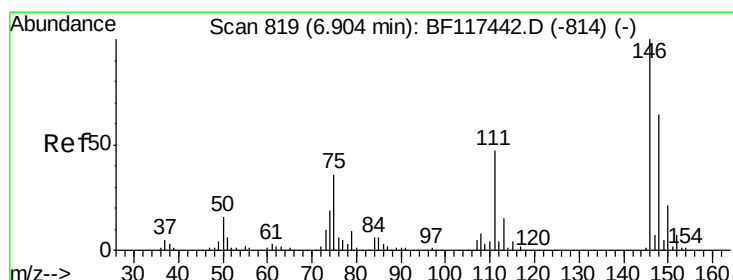
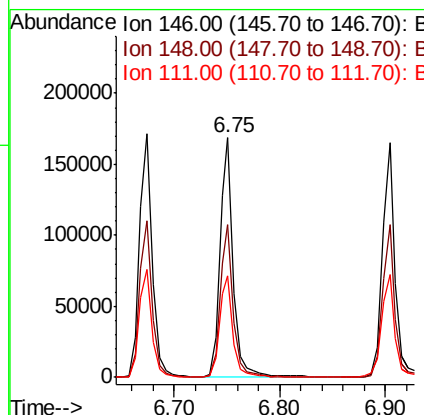
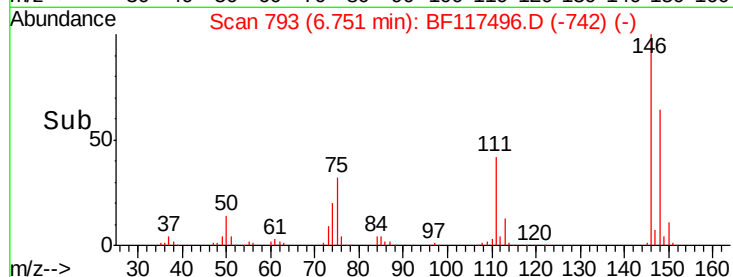
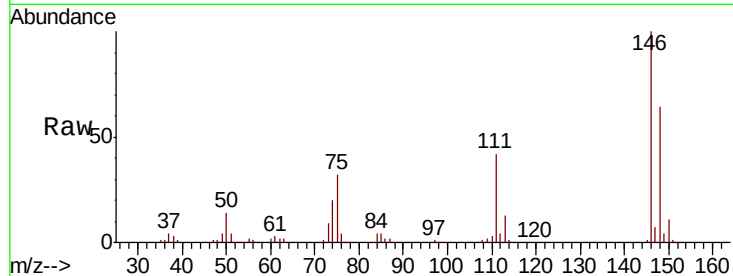
#13
 1,4-Dichlorobenzene
 Concen: 41.021 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		150443		
148	64.0	49.3	73.9		
111	42.2	33.6	50.4		

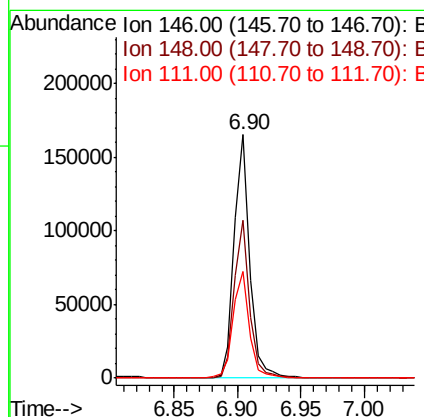
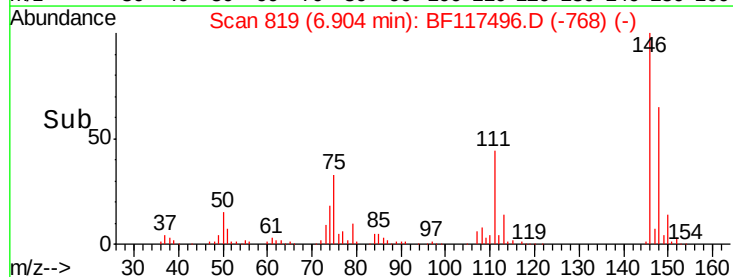
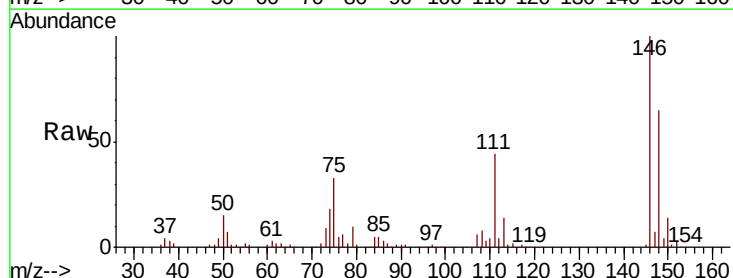
Manual Integrations
 APPROVED

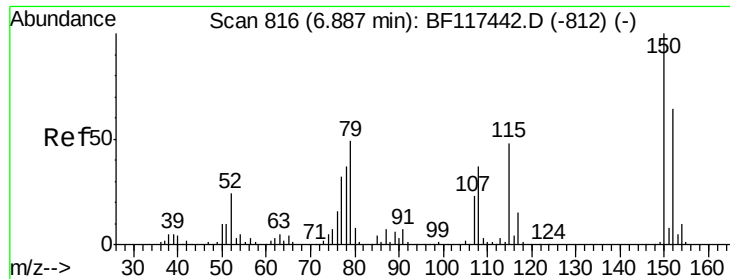
mohammad
 10/24/2019 2:10:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.461 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		139874		
148	65.0	51.4	77.0		
111	43.9	37.7	56.5		





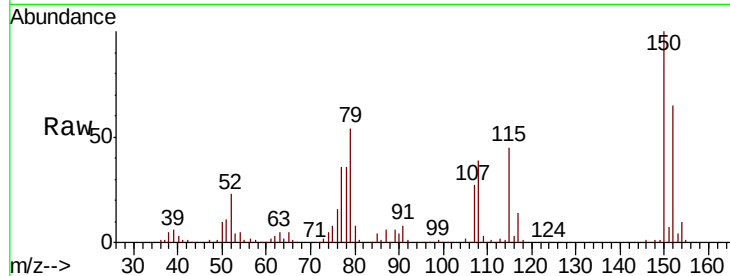
#15
Benzyl Alcohol
Concen: 43.084 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	59.8	89.8
77	66.0	51.4	77.0

Manual Integrations
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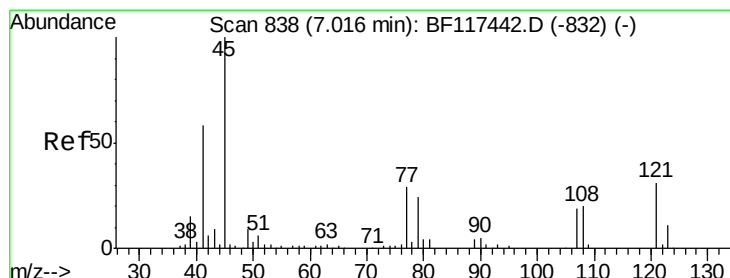
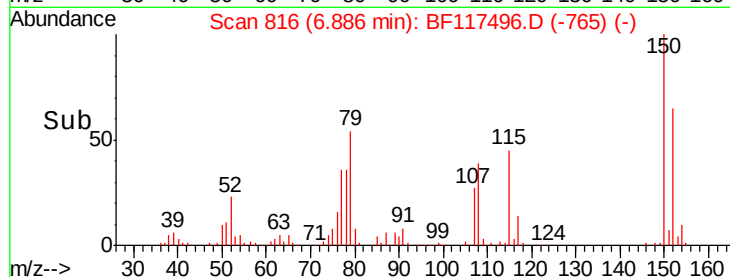
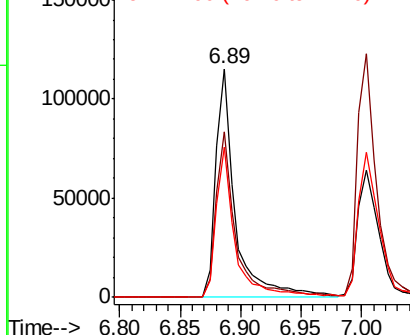


Abundance

Ion 79.00 (78.70 to 79.70): BF1

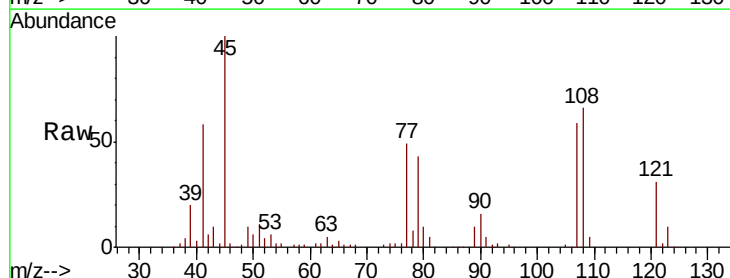
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.638 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	48.6	9.9	49.9
79	43.3	5.5	45.5

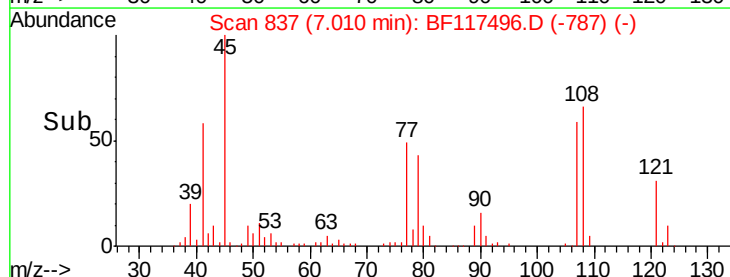
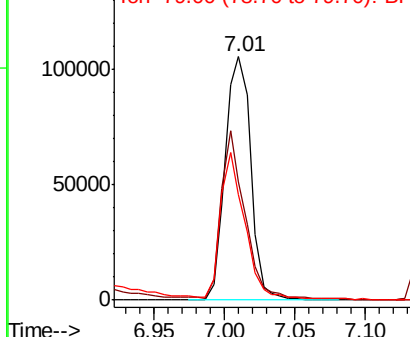


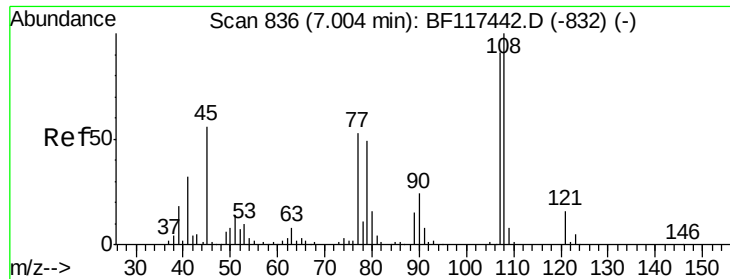
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





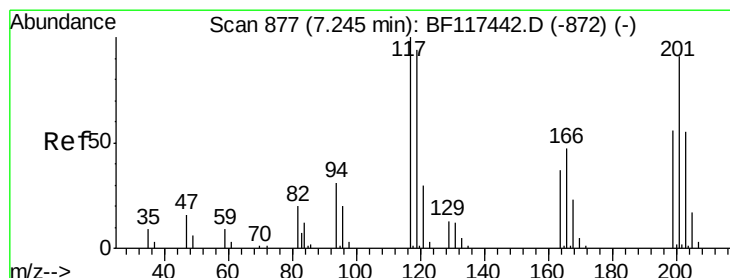
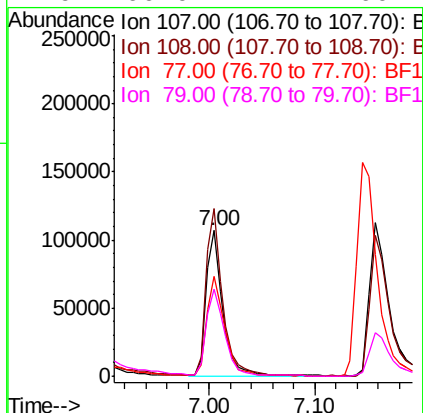
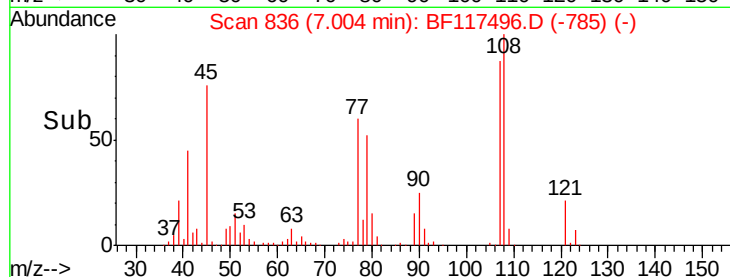
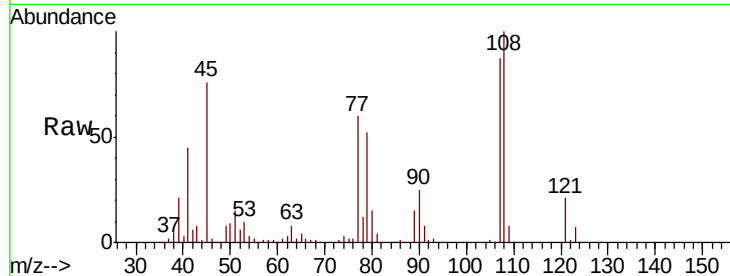
#17
2-Methylphenol
Concen: 43.659 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	88.0	132.0	
77	68.5	47.2	70.8	
79	60.0	44.1	66.1	

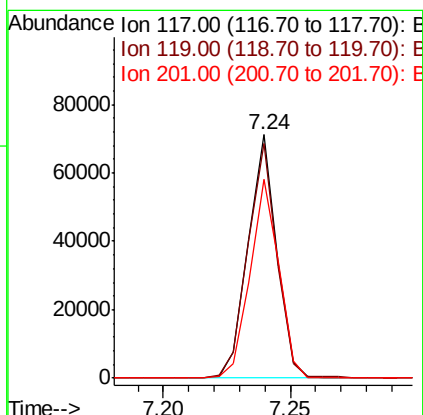
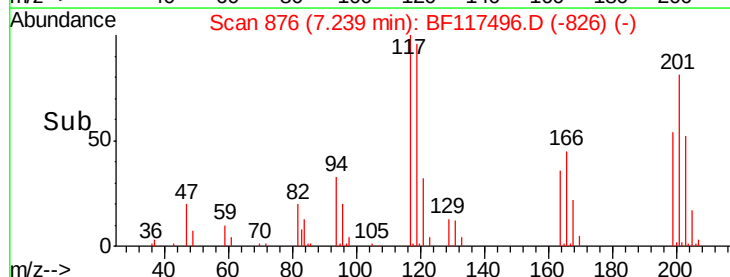
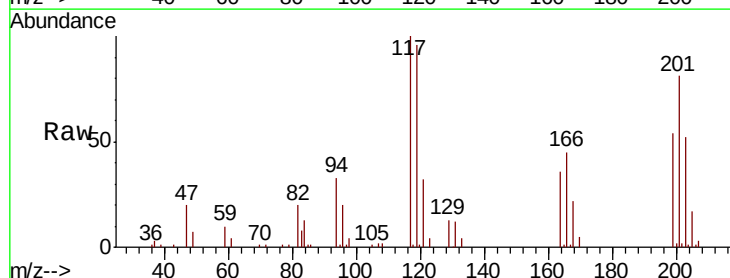
Manual Integrations
APPROVED

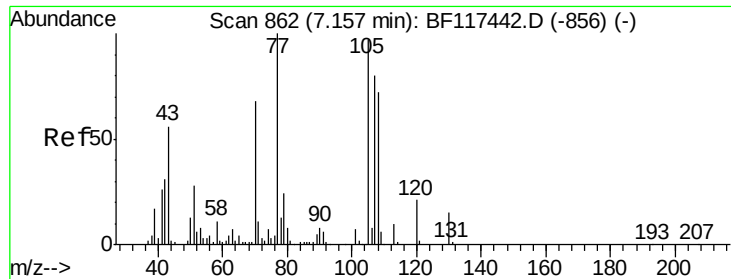
mohammad
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#18
Hexachloroethane
Concen: 39.089 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.4	113.0	
201	81.4	72.5	108.7	





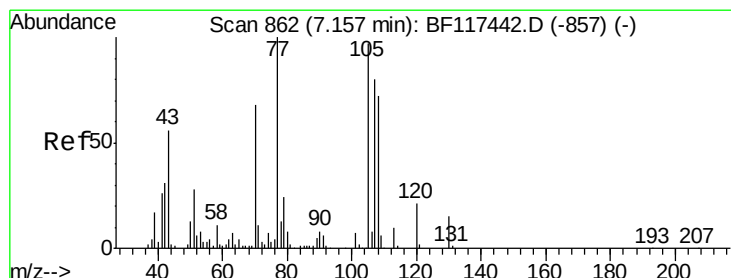
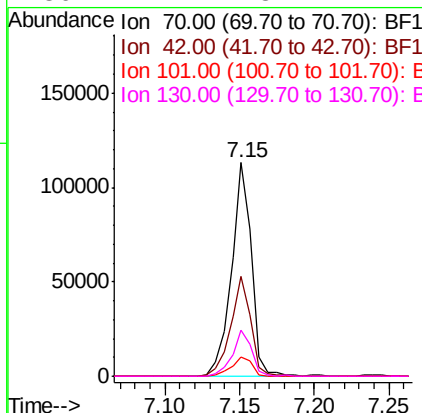
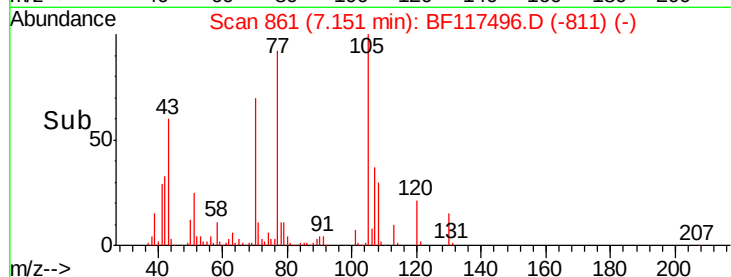
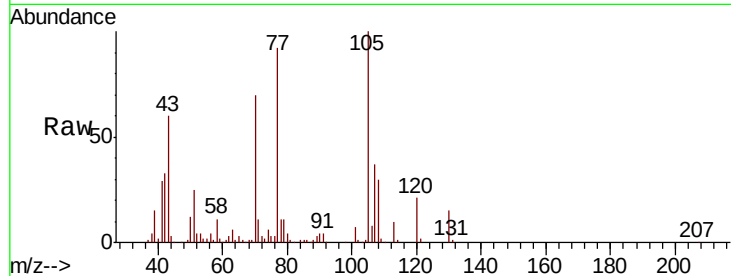
#19
n-Nitroso-di-n-propylamine
Concen: 42.590 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	36.7	55.1
101	9.3	8.3	12.5
130	21.4	18.1	27.1

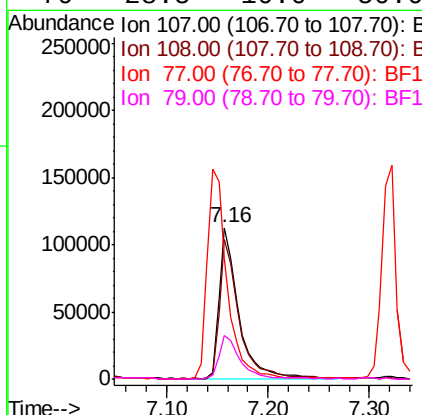
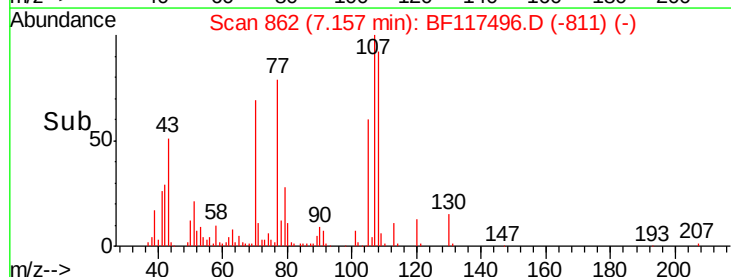
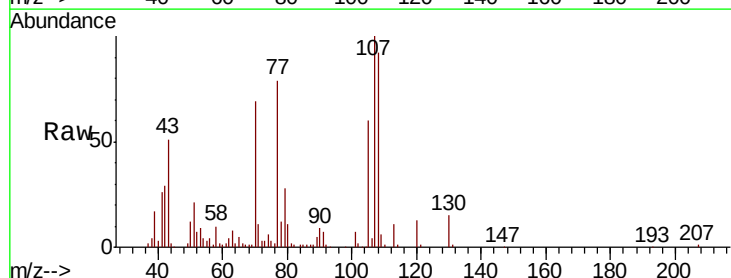
Manual Integrations
APPROVED

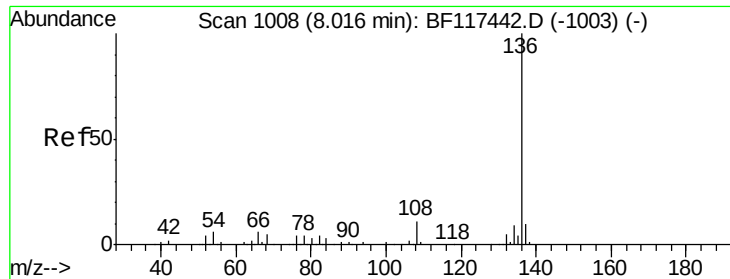
mohammad
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#20
3+4-Methylphenols
Concen: 42.708 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.3	110.3
77	79.3	104.8	144.8#
79	28.5	10.0	50.0





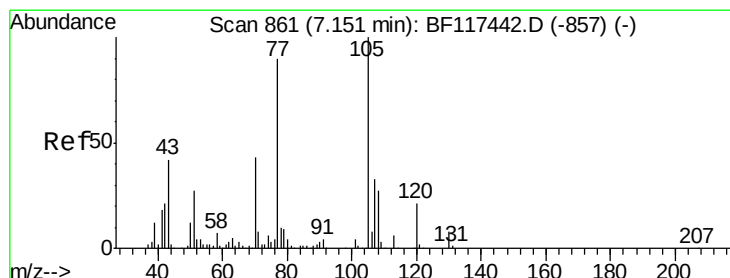
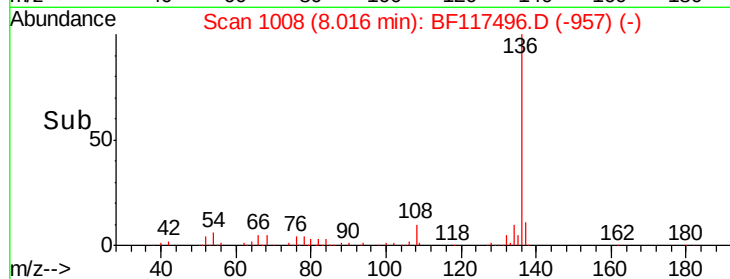
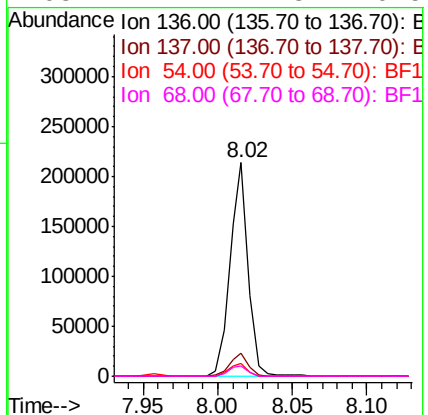
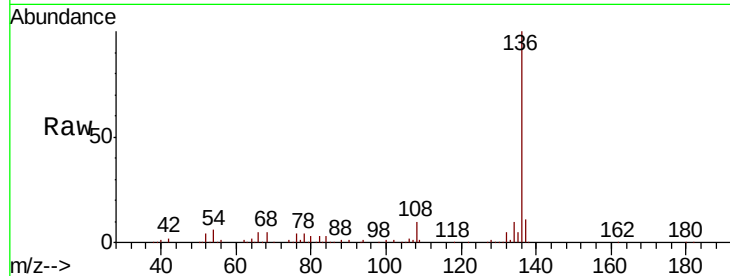
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	136	Resp	182935
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.4
54	5.9	4.5	6.7
68	4.7	4.3	6.5

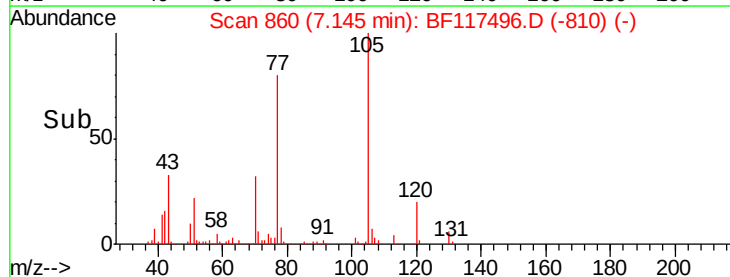
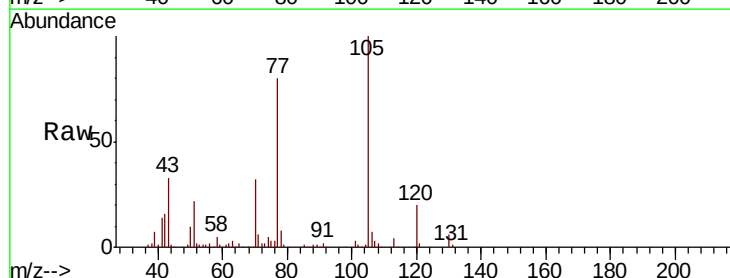
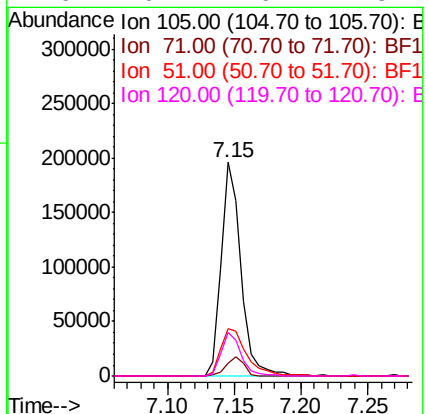
Manual Integrations
APPROVED

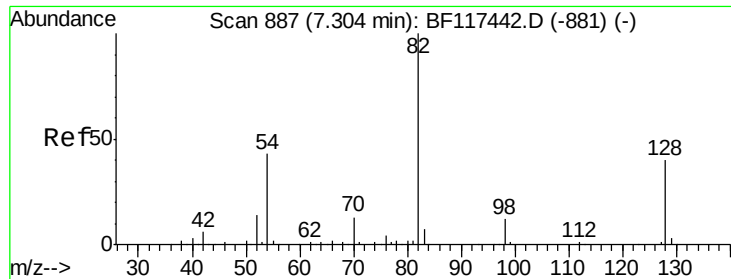
mohammad
10/24/2019 2:10:55 PM



#22
Acetophenone
Concen: 42.422 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	105	Resp	206068
Ion Ratio	Lower	Upper	
105	100		
71	5.7	6.2	9.2#
51	22.5	21.8	32.6
120	20.4	16.7	25.1





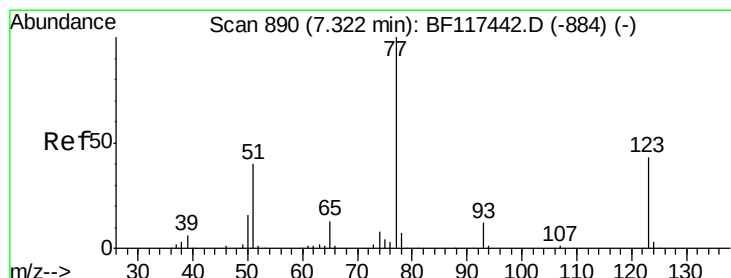
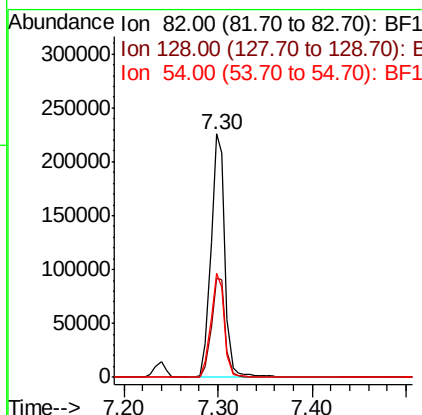
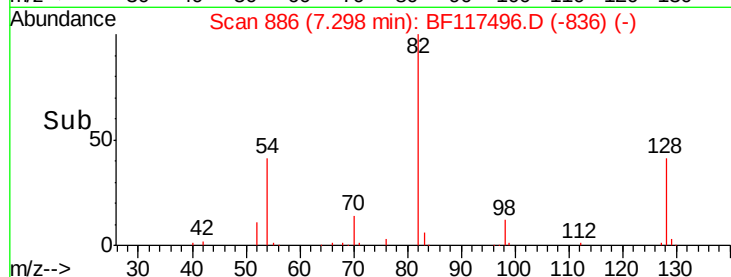
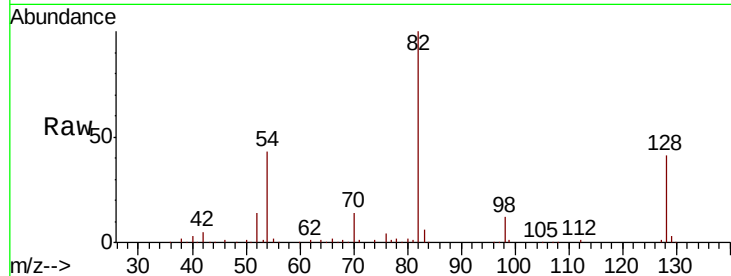
#23
Nitrobenzene-d5
Concen: 64.251 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.2	48.2
54	42.6	34.2	51.2

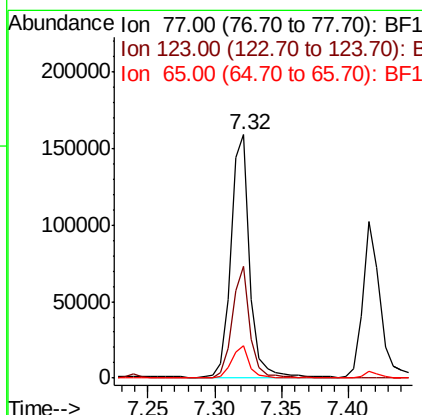
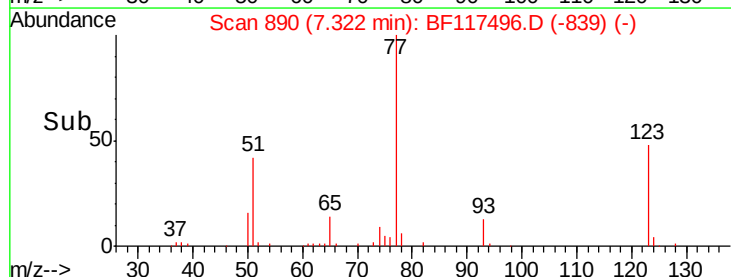
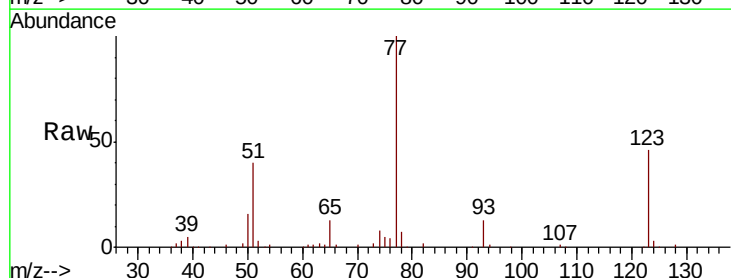
Manual Integrations
APPROVED

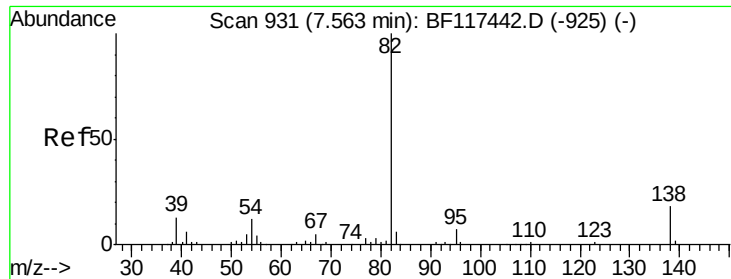
mohammad
10/24/2019 2:10:55 PM



#24
Nitrobenzene
Concen: 44.194 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	34.2	51.2
65	13.3	10.3	15.5





#25

Isophorone

Concen: 45.127 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

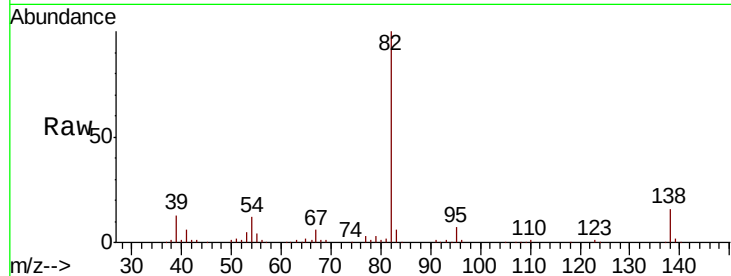
ClientSampleId :

TP1-2FTMS

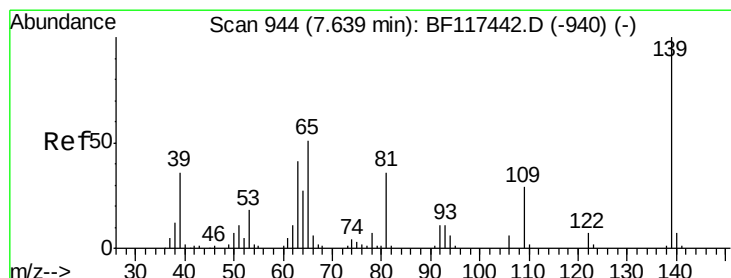
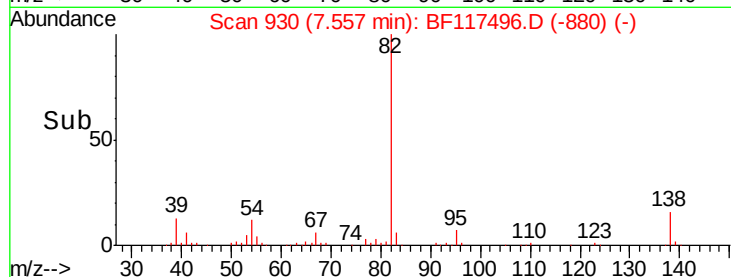
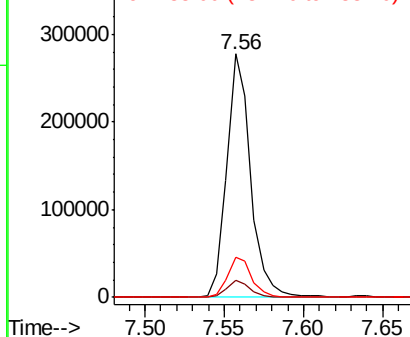
Tot Ion:	82	Resp:	289281
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	16.4	14.2	21.2

Manual Integrations
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10/24/2019 2:10:55 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.080 ng

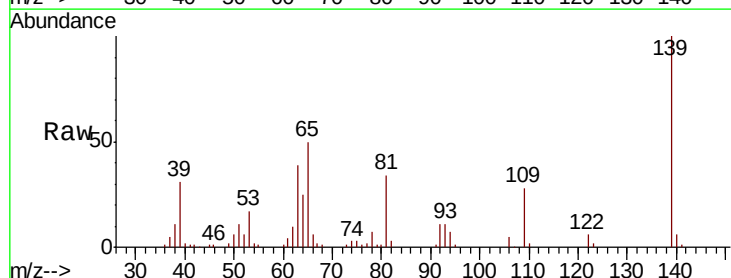
RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

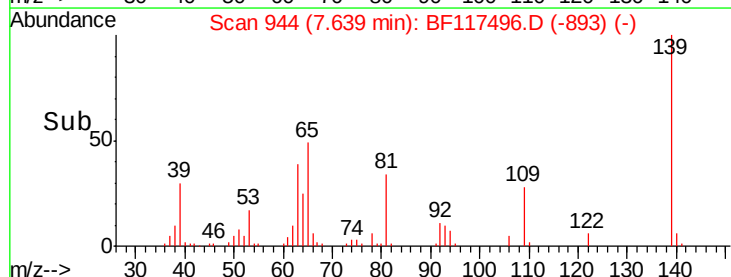
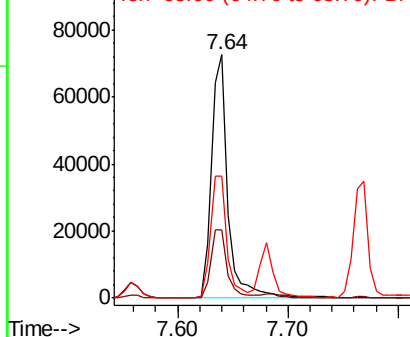
Lab File: BF117496.D

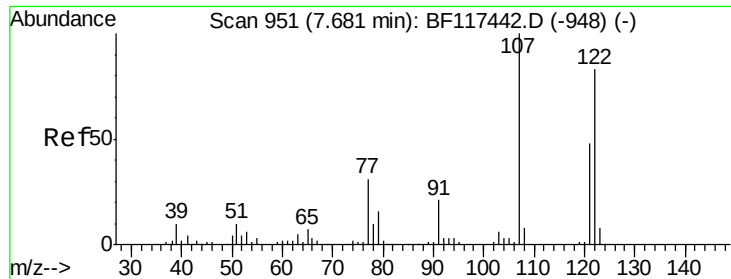
Acq: 23 Oct 2019 21:10

Tgt Ion:	139	Resp:	72941
Ion Ratio	Lower	Upper	
139	100		
109	28.2	23.2	34.8
65	50.1	41.1	61.7



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





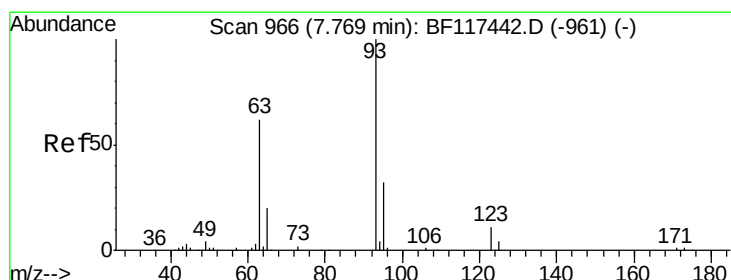
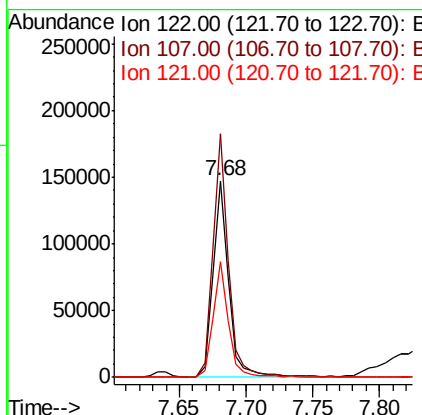
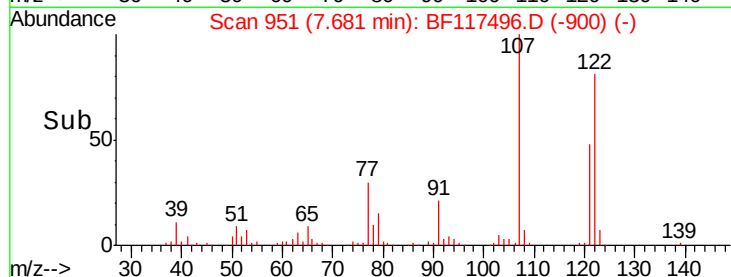
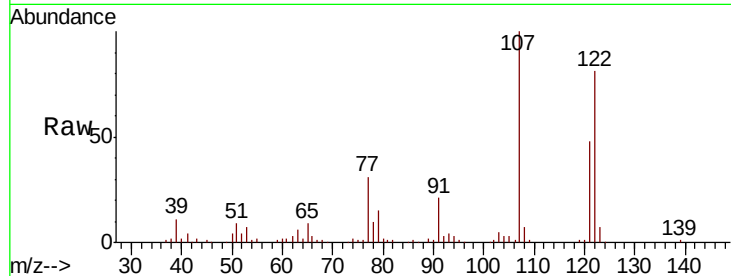
#27
 2,4-Dimethylphenol
 Concen: 52.115 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampleID :
 TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	123286		
107	123.9		96.8	145.2
121	58.9		46.4	69.6

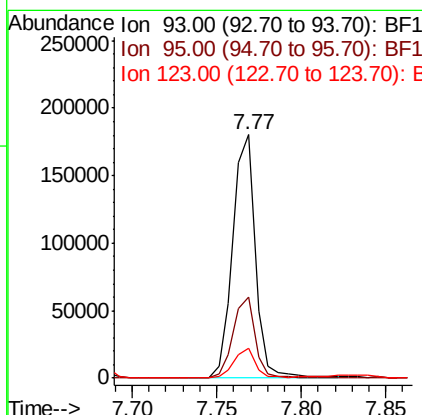
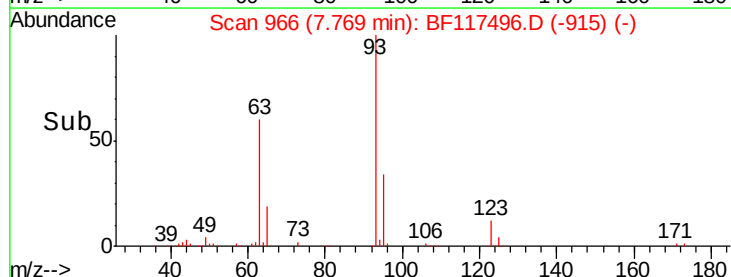
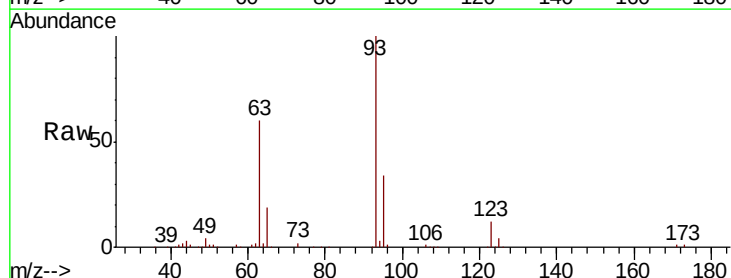
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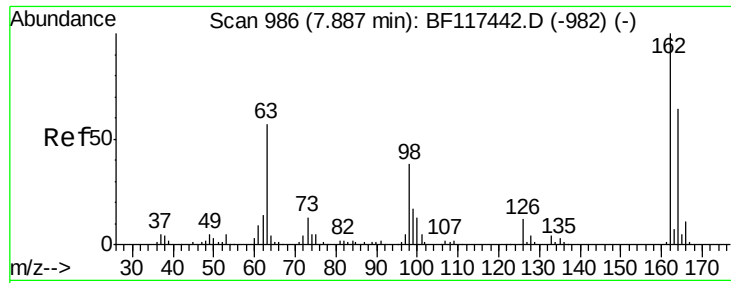
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.531 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	168231		
95	33.5		25.5	38.3
123	12.0		9.0	13.6





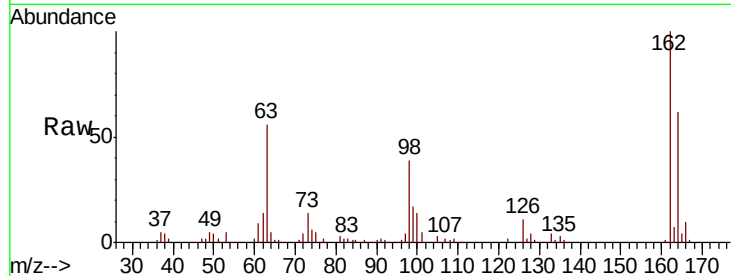
#29
 2,4-Dichlorophenol
 Concen: 45.069 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampled :
 TP1-2FTMS

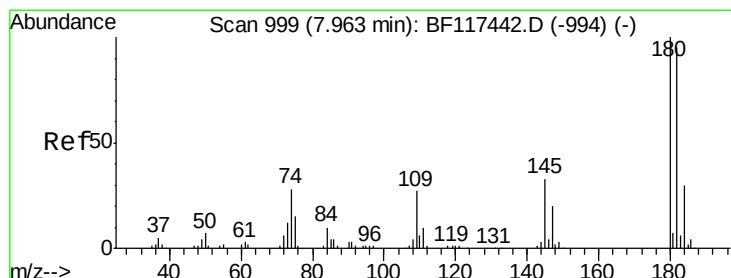
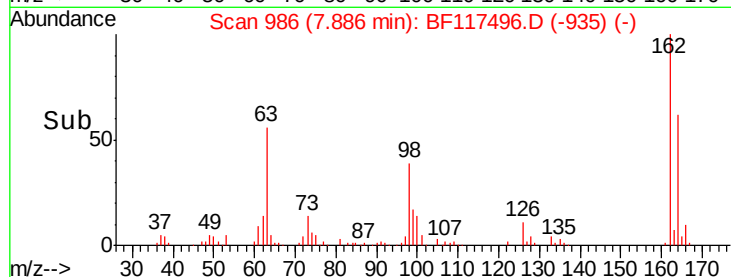
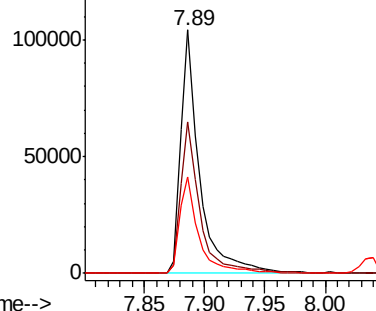
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	62.4	44.4	84.4		
98	39.5	18.2	58.2		

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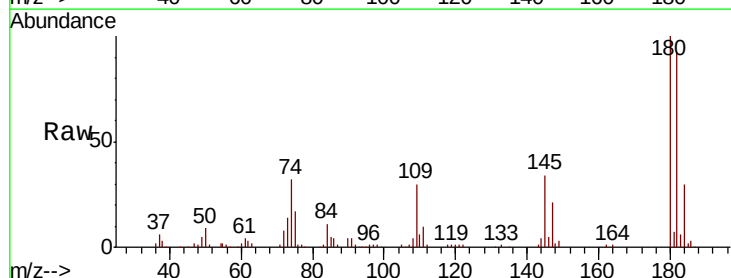


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

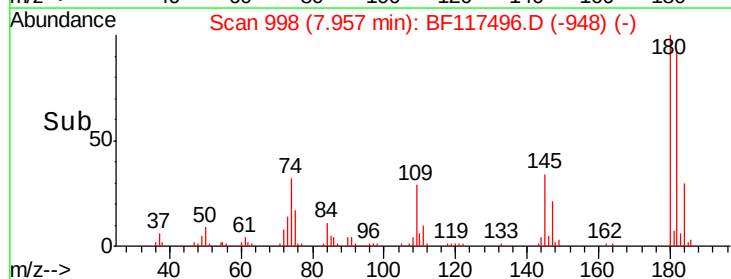
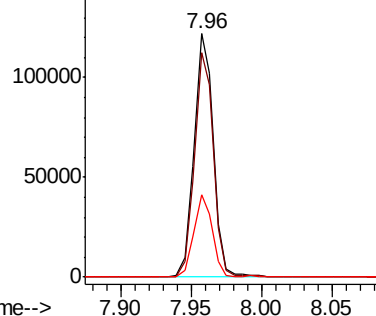


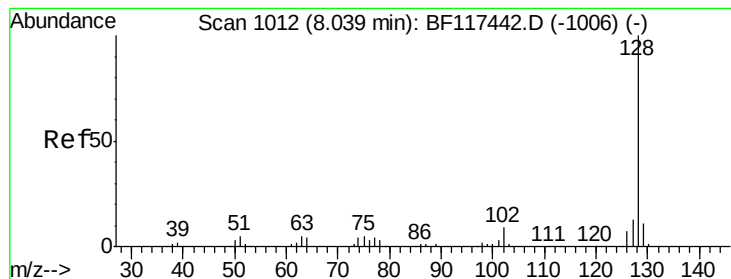
#30
 1,2,4-Trichlorobenzene
 Concen: 43.272 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	92.0	75.8	113.8		
145	33.8	26.5	39.7		



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





#31

Naphthalene

Concen: 44.793 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

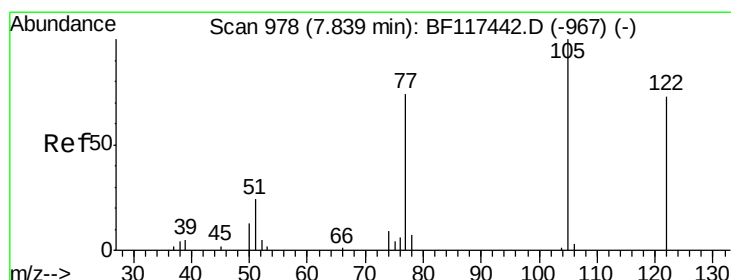
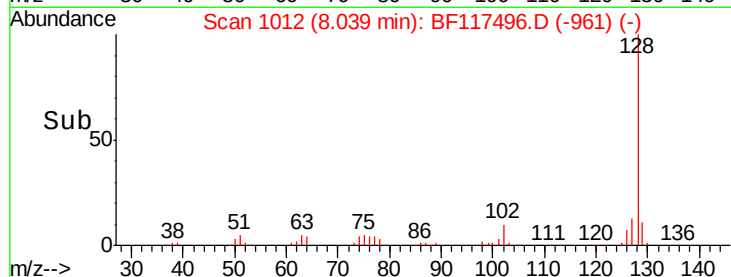
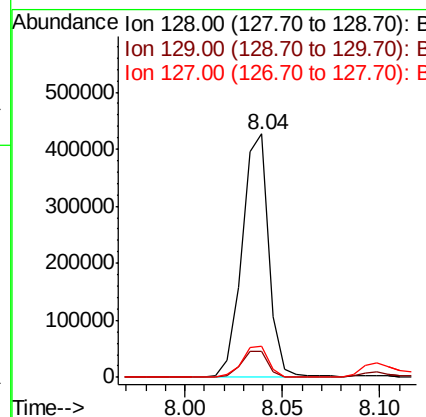
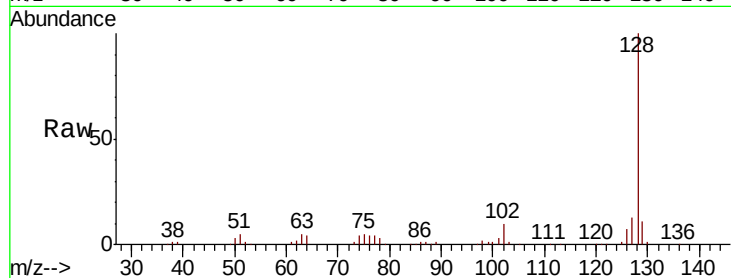
ClientSampleId :

TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	12.9	10.2	15.2

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#32

Benzoic acid

Concen: 41.161 ng

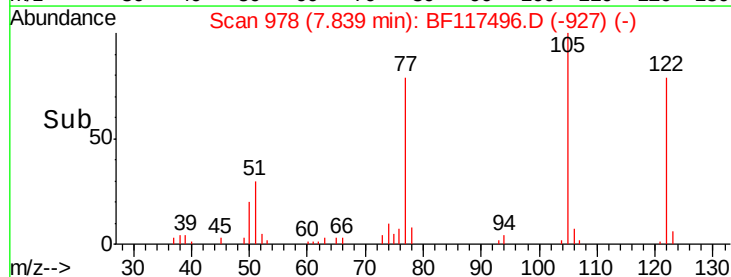
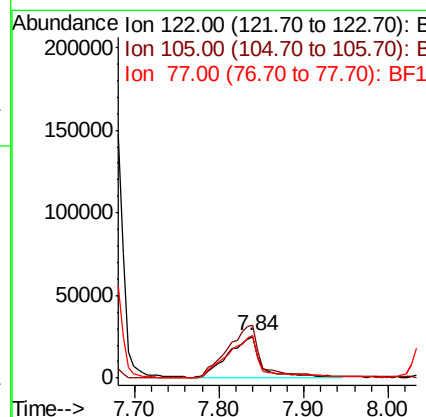
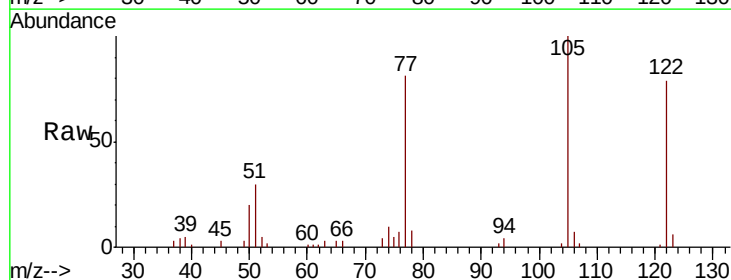
RT: 7.84 min Scan# 978

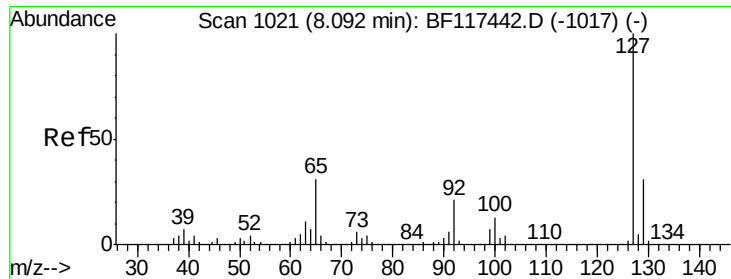
Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	115.0	155.0
77	102.6	79.7	119.7





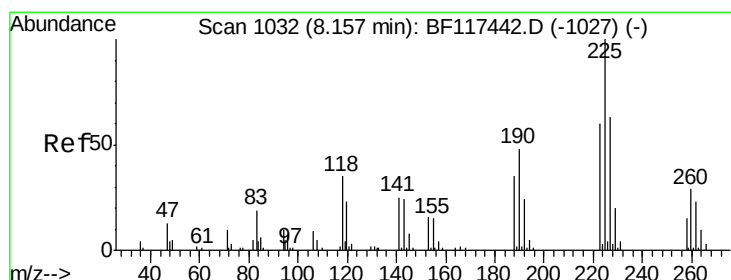
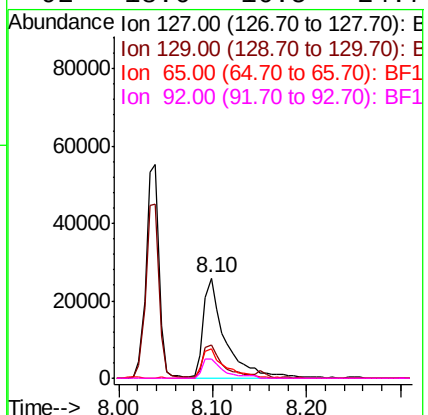
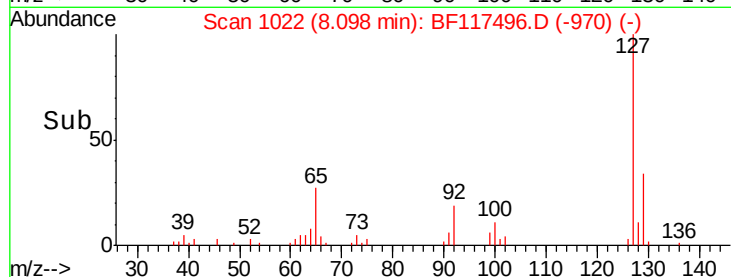
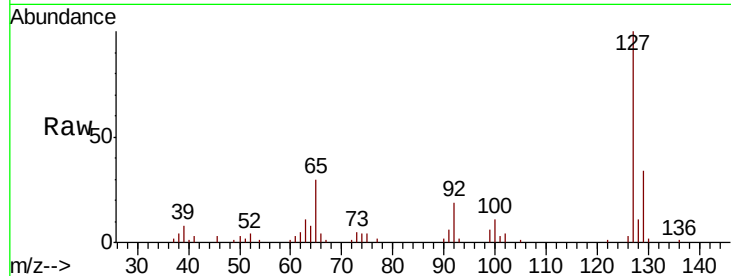
#33
4-Chloroaniline
Concen: 11.105 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42496		
129	33.8	24.8	37.2		
65	29.8	24.6	37.0		
92	18.6	16.5	24.7		

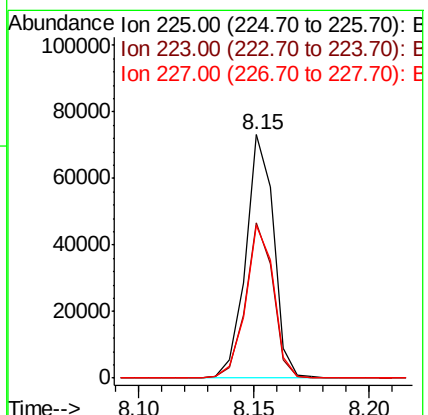
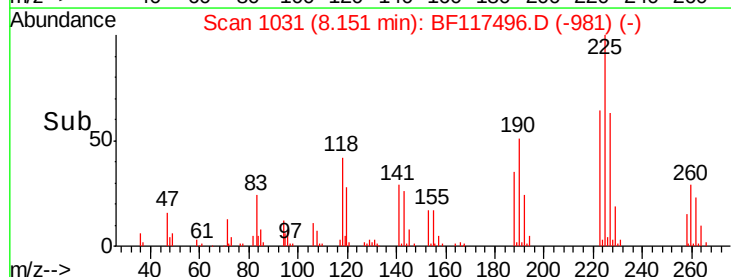
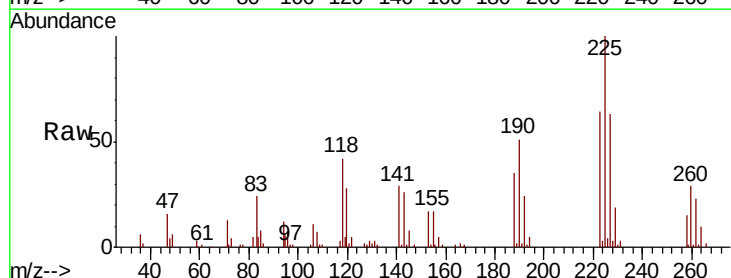
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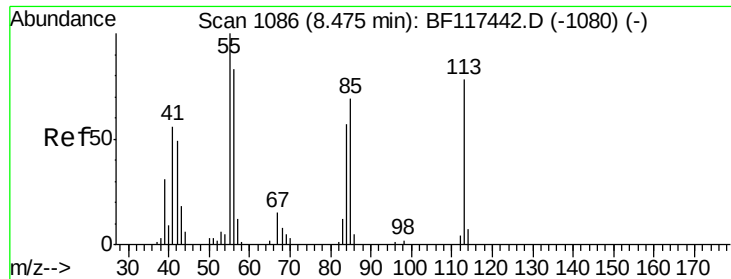
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#34
Hexachlorobutadiene
Concen: 40.183 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		61930		
223	63.6	48.2	72.4		
227	62.8	50.2	75.4		





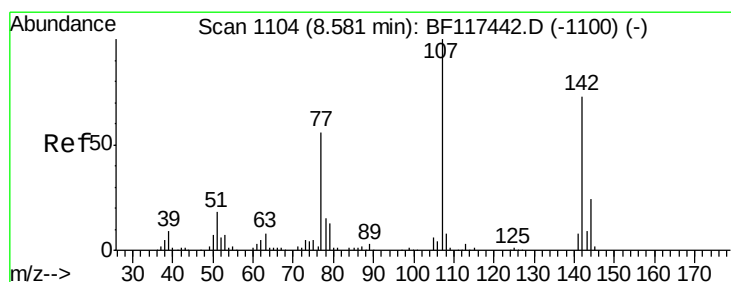
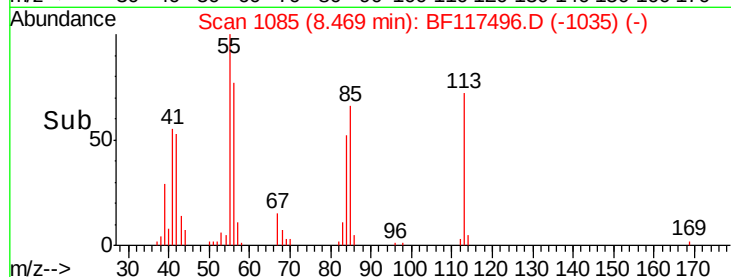
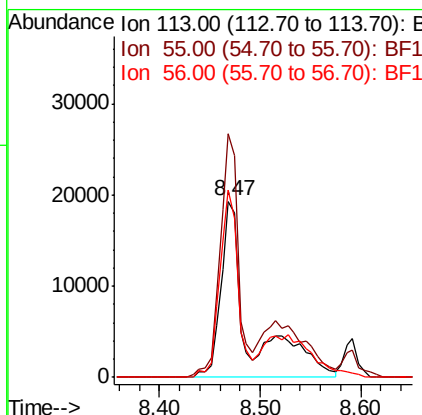
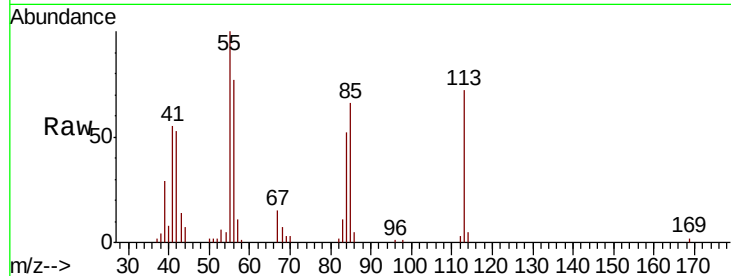
#35
Caprolactam
Concen: 47.380 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	138.1	108.8	148.8	
56	106.1	87.2	127.2	

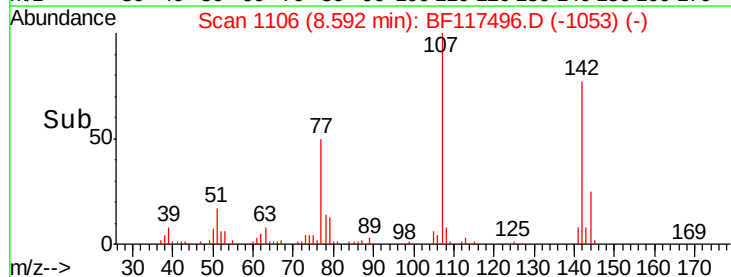
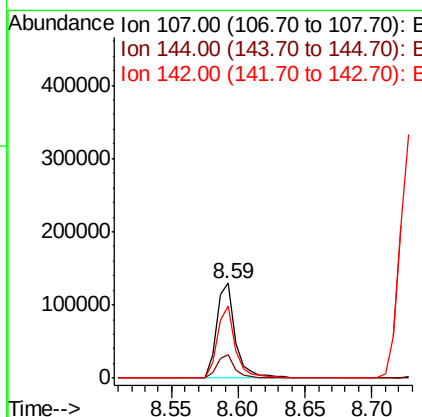
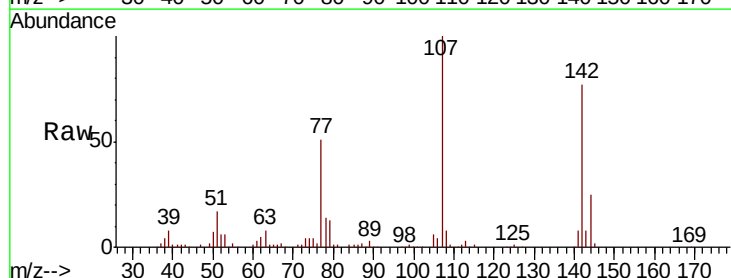
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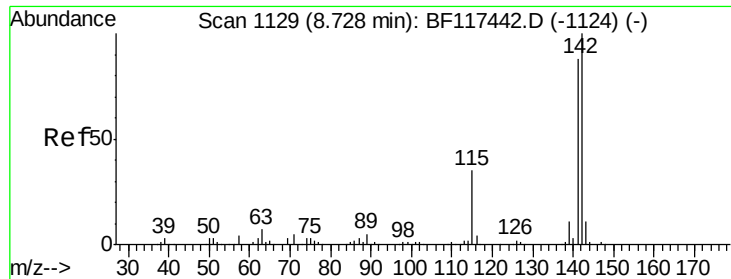
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.104 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	18.9	28.3	
142	76.6	58.6	88.0	





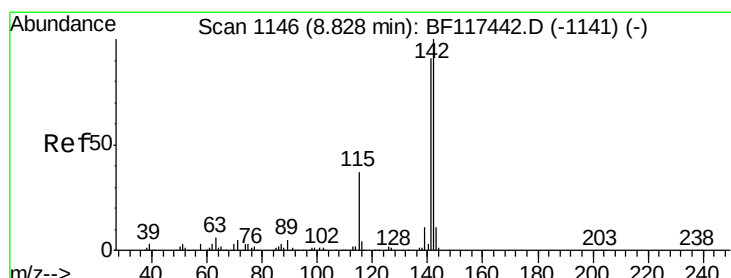
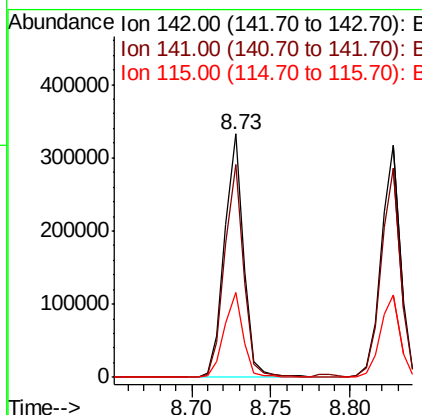
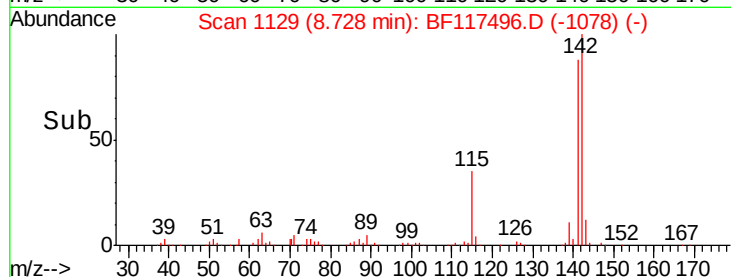
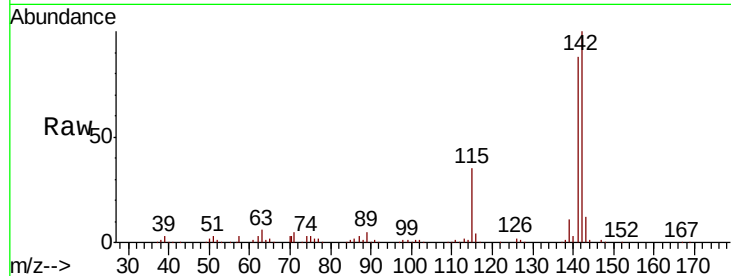
#37
2-Methylnaphthalene
Concen: 45.636 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	35.0	28.2	42.2

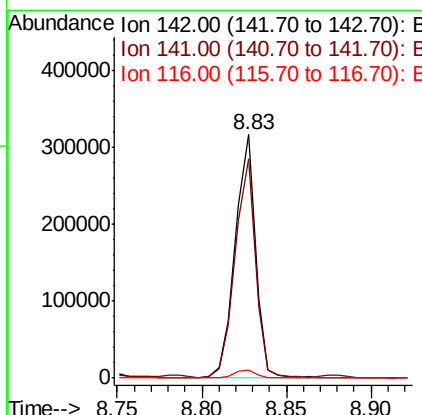
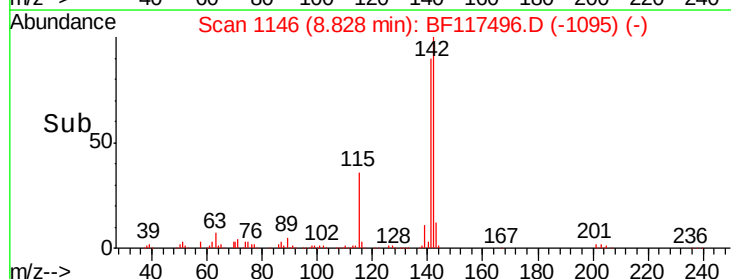
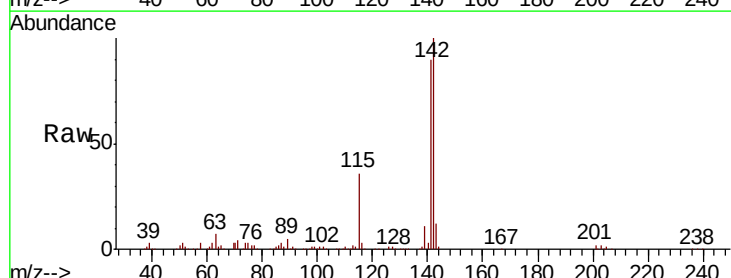
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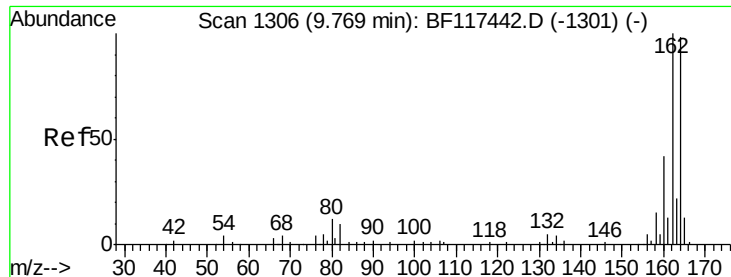
mohammad
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#38
1-Methylnaphthalene
Concen: 46.111 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.3	109.9
116	3.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

ClientSampleId :

TP1-2FTMS

Tot Ion:164 Resp: 95751

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

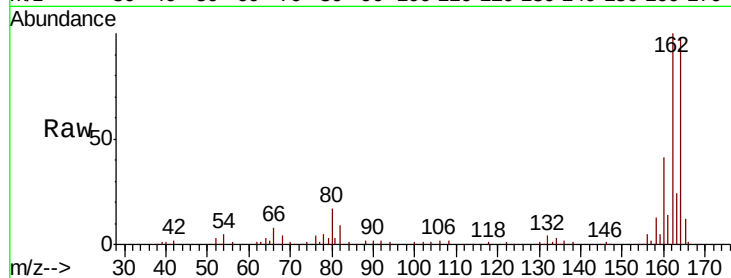
160 42.0 34.4 51.6

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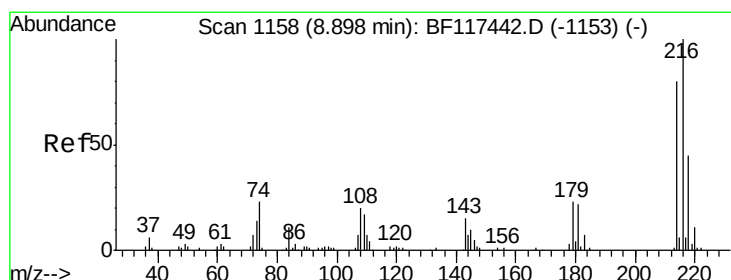
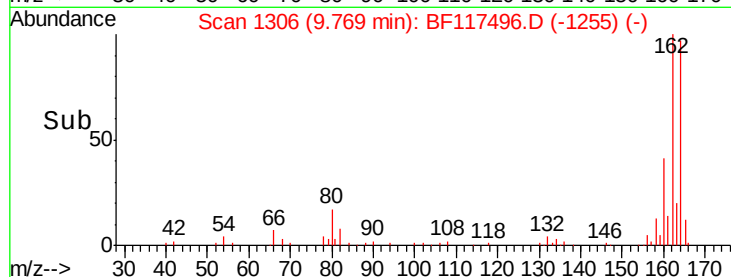
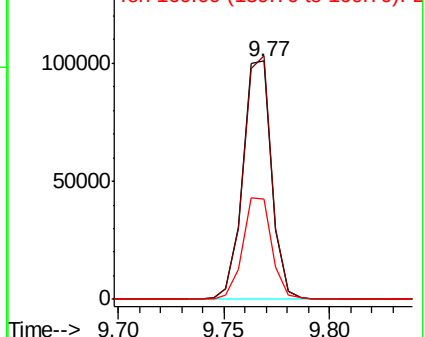
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.516 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion:216 Resp: 101910

Ion Ratio Lower Upper

216 100

214 81.7 62.4 93.6

179 24.4 18.1 27.1

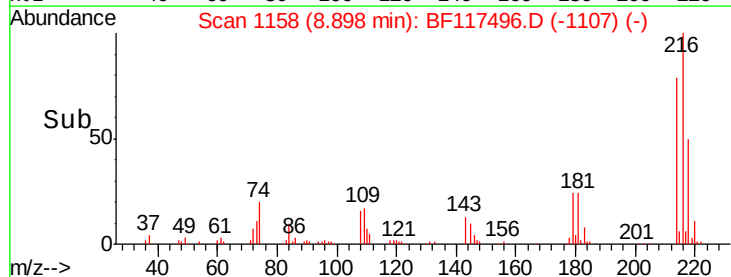
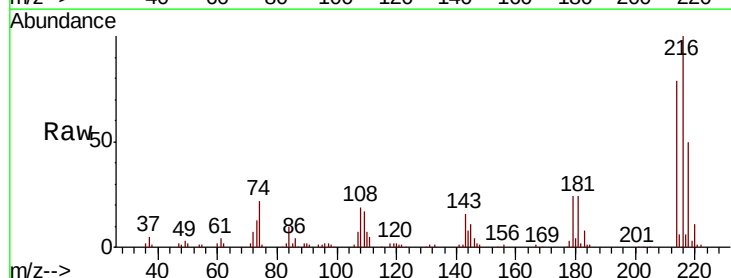
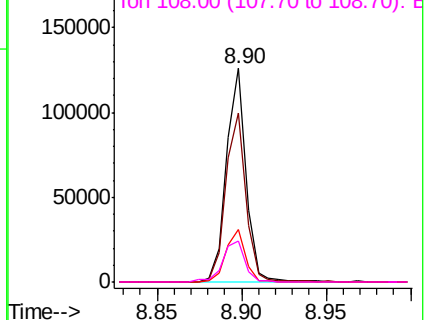
108 21.8 16.6 24.8

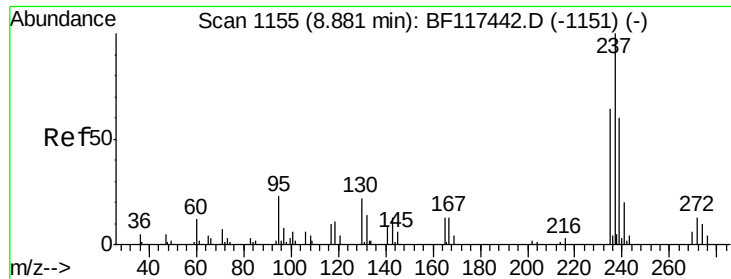
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.713 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

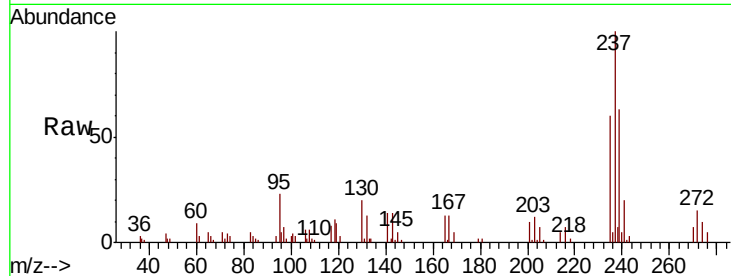
ClientSampleId :

TP1-2FTMS

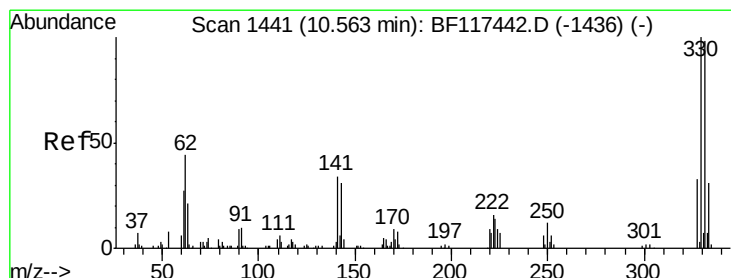
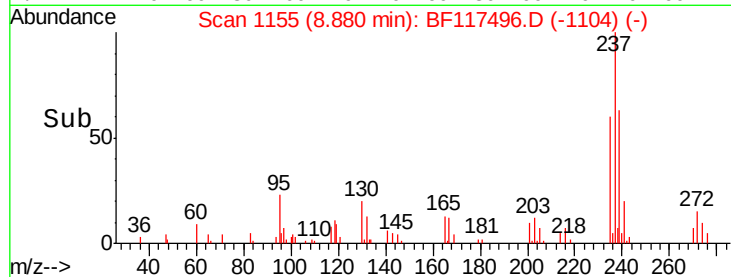
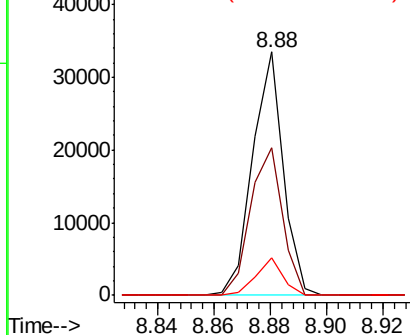
Tot Ion:	237	Resp:	25160
Ion Ratio	Lower	Upper	
237	100		
235	60.4	44.3	84.3
272	15.2	0.0	33.2

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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: 80.930 ng

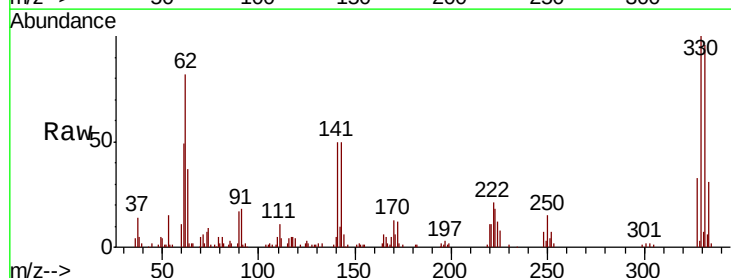
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

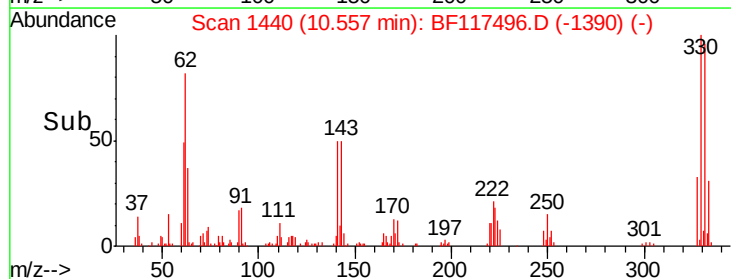
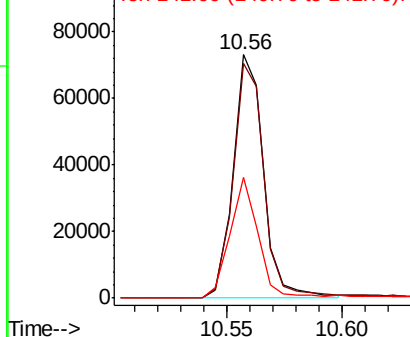
Lab File: BF117496.D

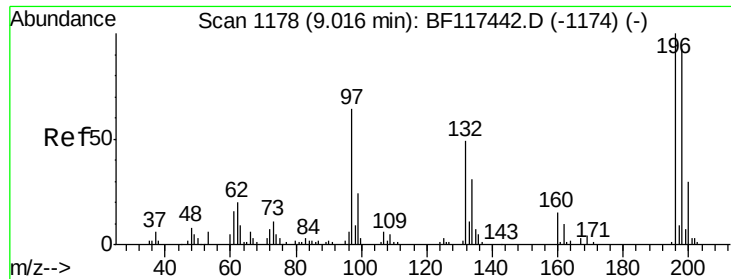
Acq: 23 Oct 2019 21:10

Tgt Ion:	330	Resp:	67050
Ion Ratio	Lower	Upper	
330	100		
332	99.8	78.5	117.7
141	47.0	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





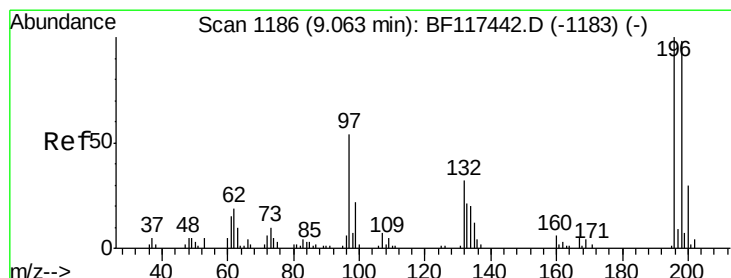
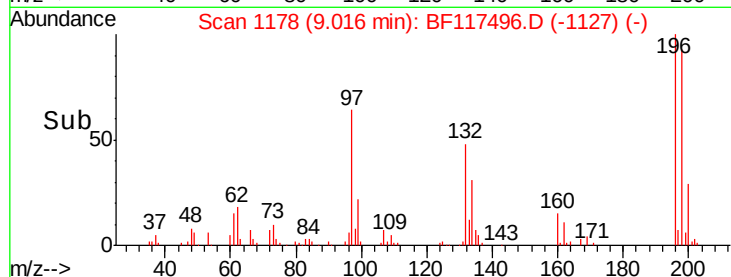
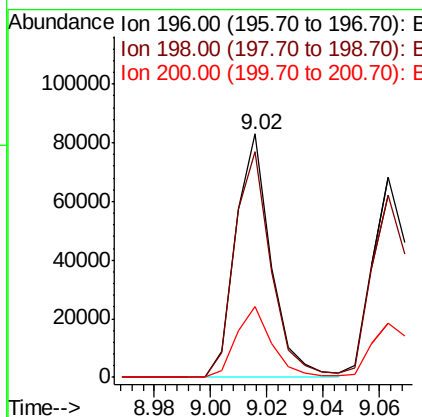
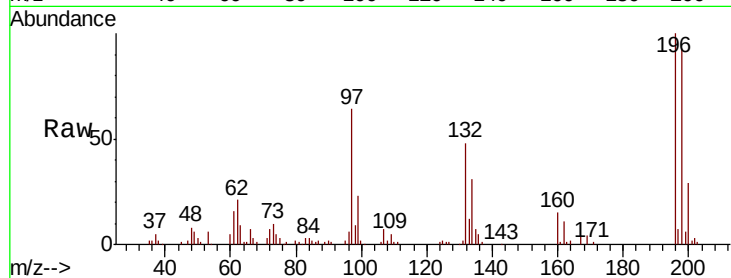
#43
 2,4,6-Trichlorophenol
 Concen: 44.805 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampled :
 TP1-2FTMS

Tot Ion:	196	Resp:	72361
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.1	111.1
200	29.2	23.9	35.9

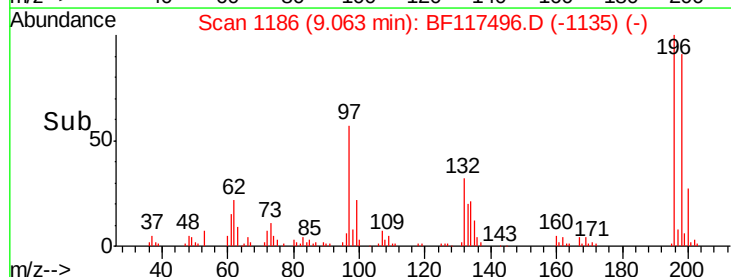
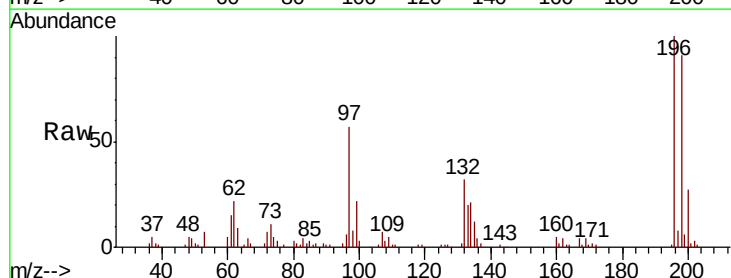
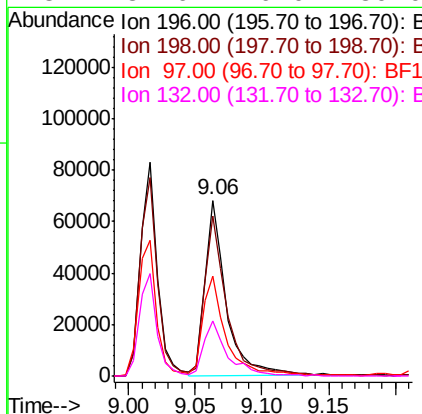
Manual Integrations
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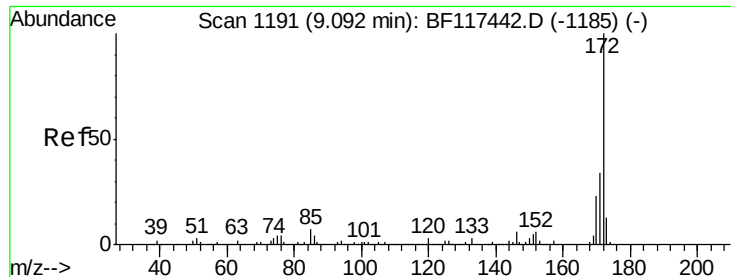
mohammad
 10/24/2019 2:10:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.113 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion:	196	Resp:	75465
Ion Ratio	Lower	Upper	
196	100		
198	91.0	78.6	117.8
97	56.8	43.4	65.2
132	31.6	26.0	39.0





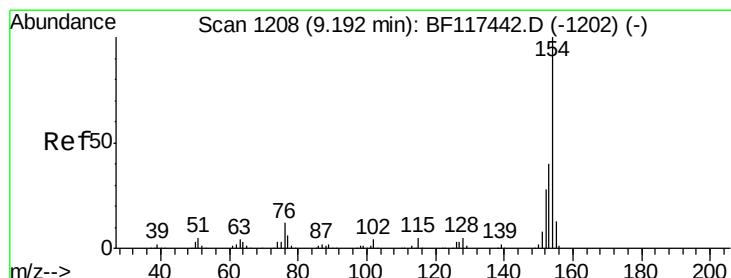
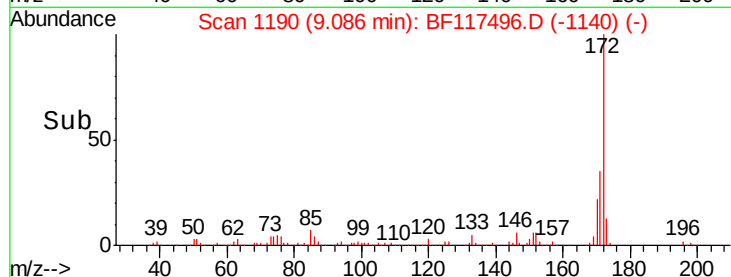
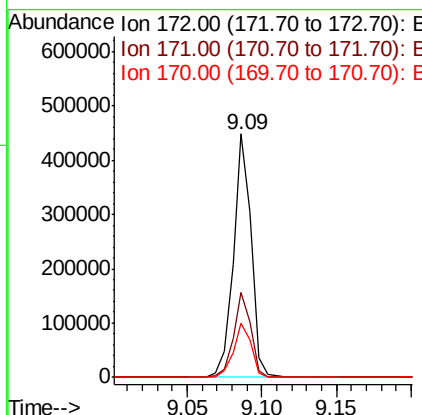
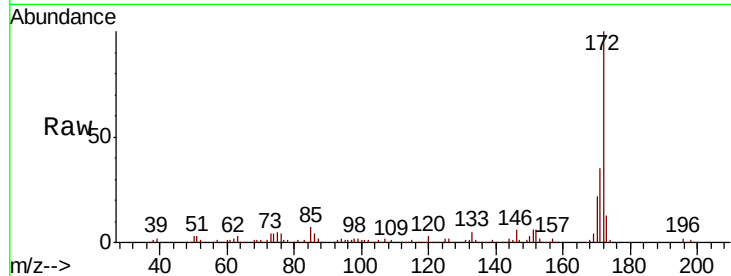
#45
2-Fluorobiphenyl
Concen: 55.305 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	375838		
171	34.6		27.5	41.3
170	22.3		18.6	27.8

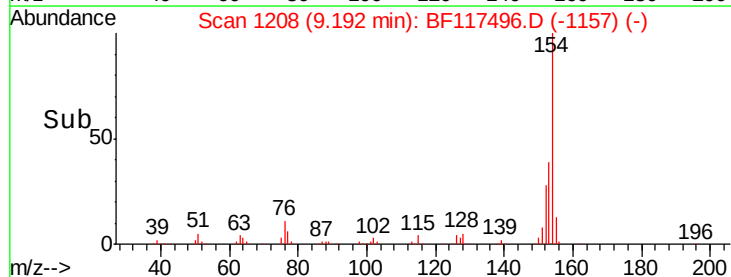
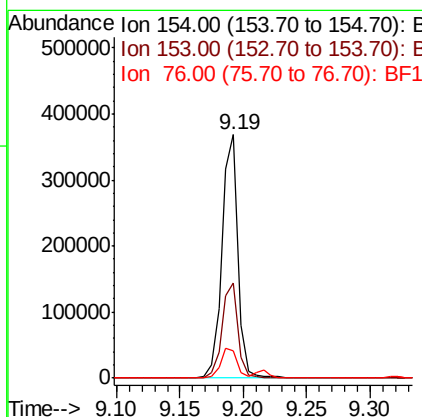
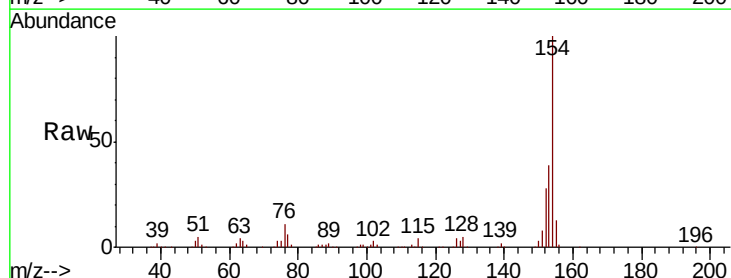
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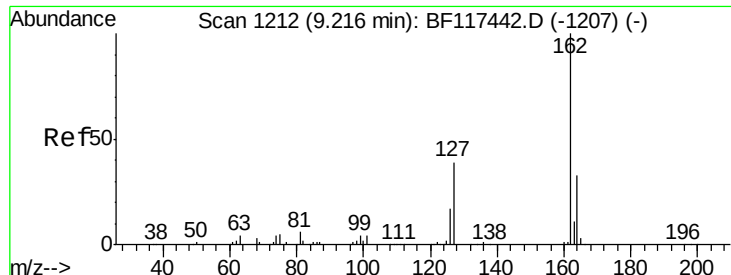
mohammad
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#46
1,1'-Biphenyl
Concen: 40.943 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	324550		
153	39.0		20.2	60.2
76	11.3		0.0	32.1





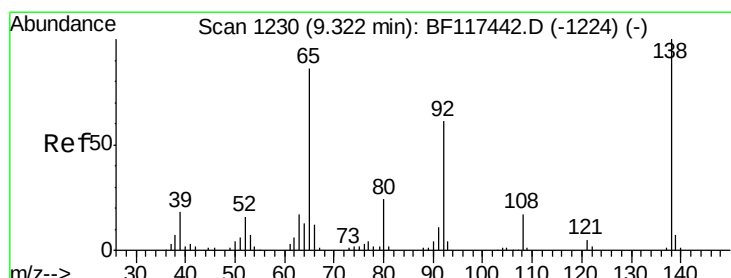
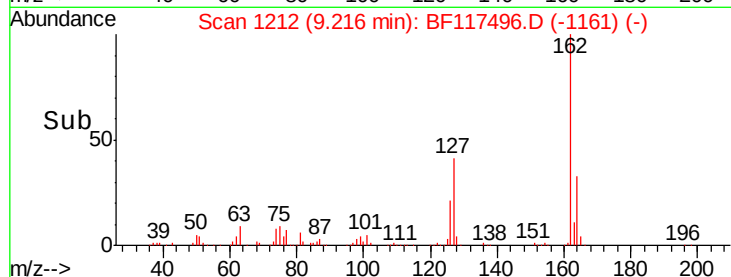
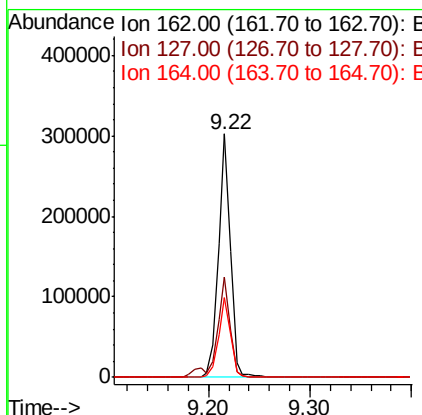
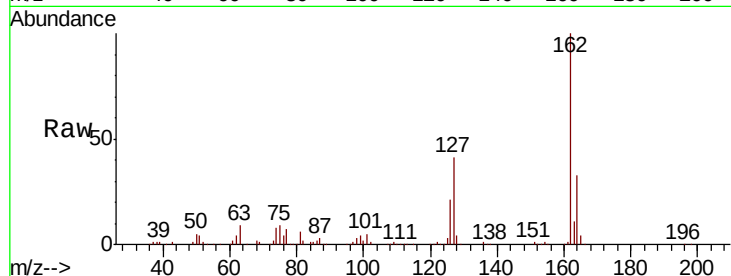
#47
2-Chloronaphthalene
Concen: 41.652 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	248943		
127	41.3		34.2	51.4
164	32.8		26.4	39.6

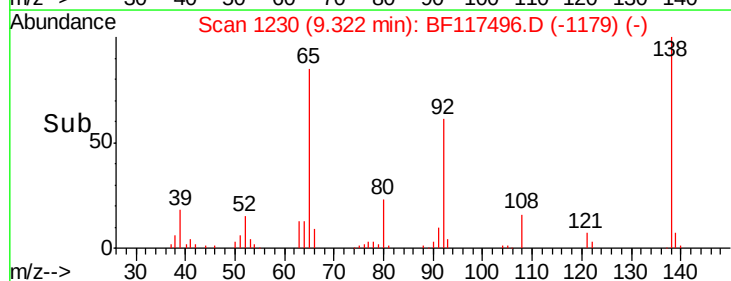
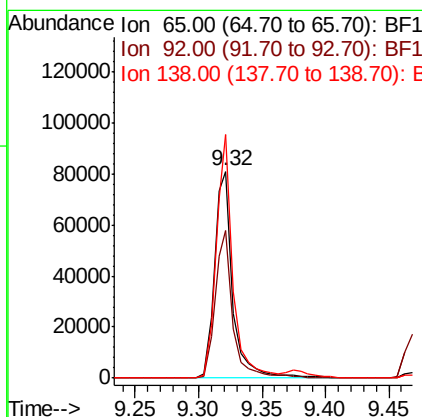
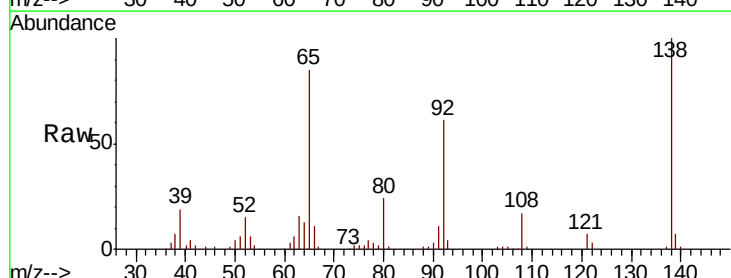
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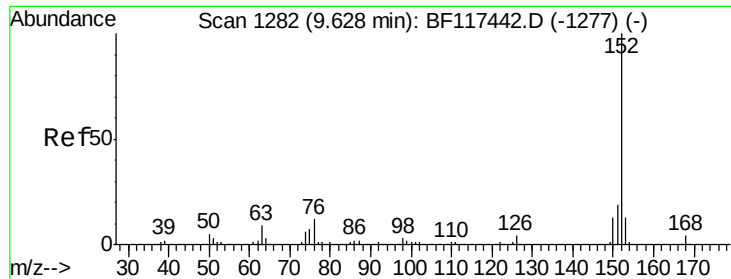
mohammad
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#48
2-Nitroaniline
Concen: 42.117 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	82635		
92	71.5		57.3	85.9
138	117.6		93.3	139.9





#49

Acenaphthylene

Concen: 44.404 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

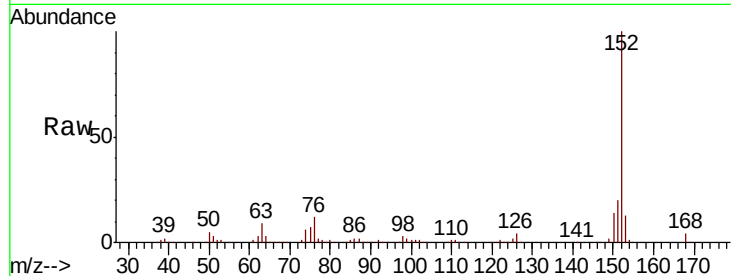
ClientSampleId :

TP1-2FTMS

Tot Ion:	152	Resp:	389820
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.4	23.0
153	13.4	10.3	15.5

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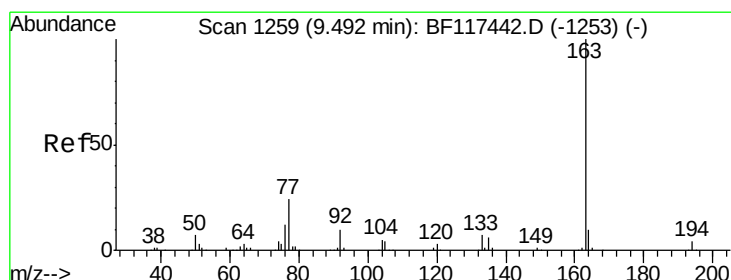
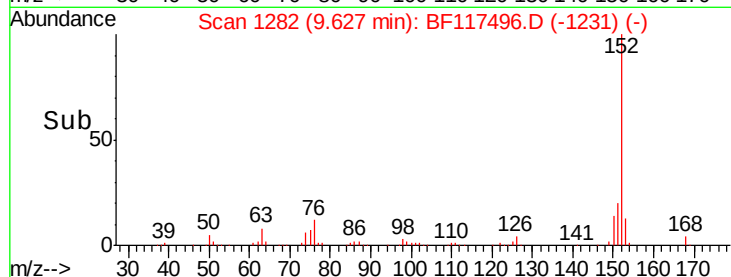
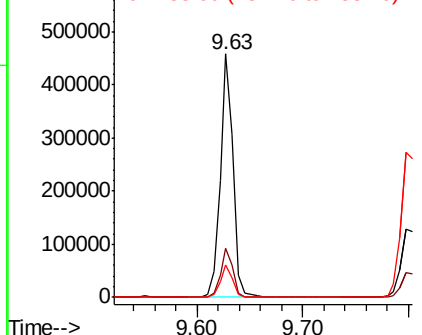


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.380 ng

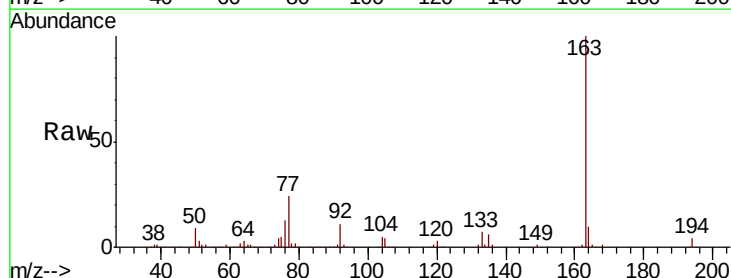
RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion:	163	Resp:	391677
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.0	8.2	12.2

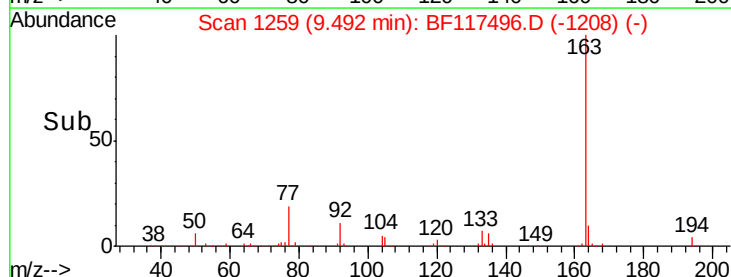
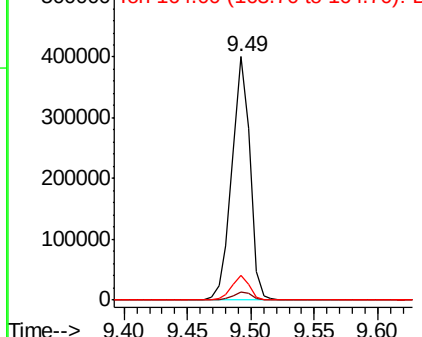


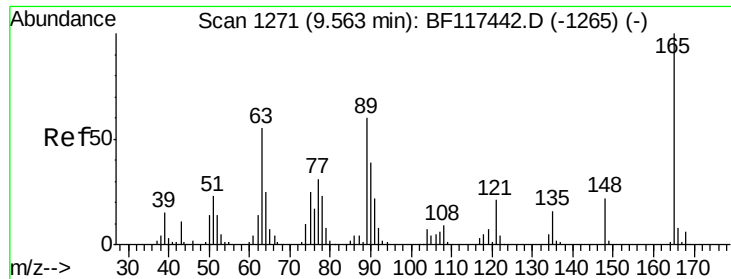
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.627 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

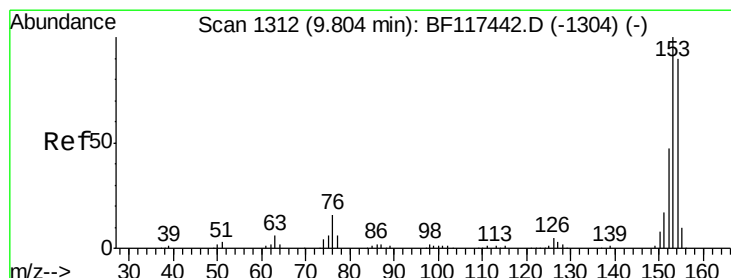
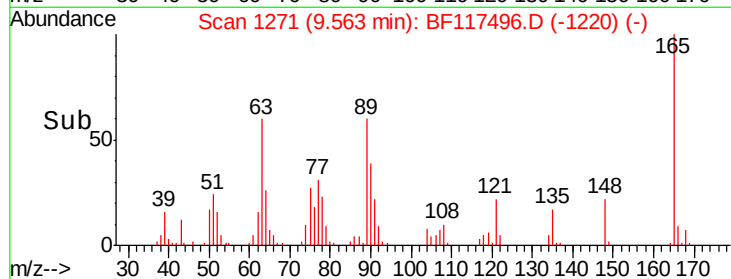
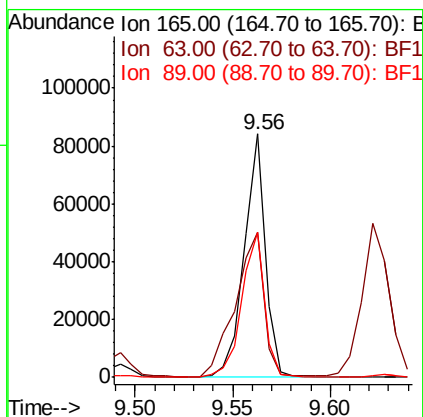
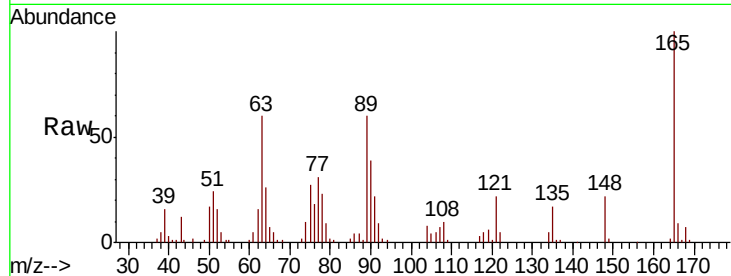
ClientSampleId :

TP1-2FTMS

Tot Ion:	165	Resp:	63567
Ion Ratio	Lower	Upper	
165	100		
63	59.7	43.8	65.8
89	59.7	47.6	71.4

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#52

Acenaphthene

Concen: 42.710 ng

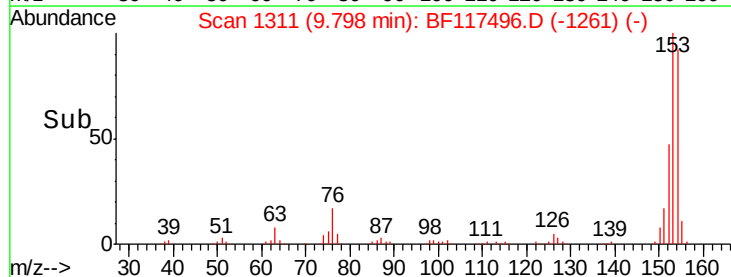
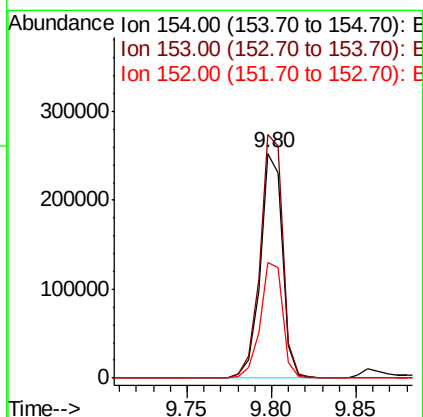
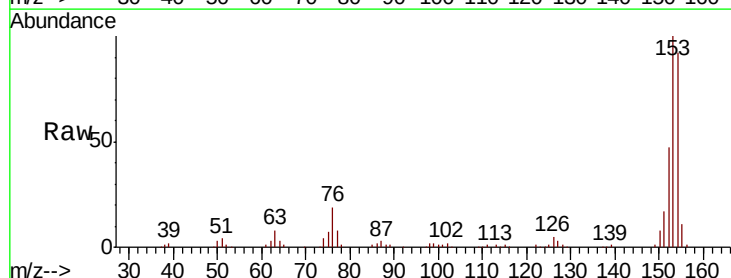
RT: 9.80 min Scan# 1311

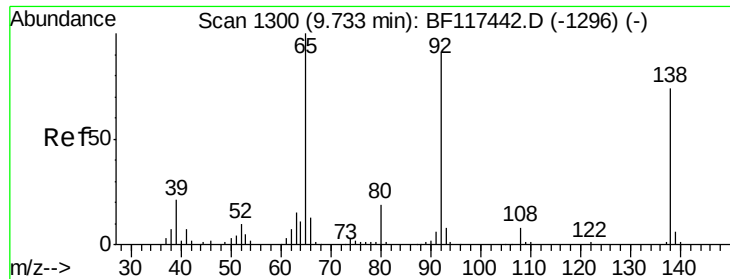
Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion:	154	Resp:	230036
Ion Ratio	Lower	Upper	
154	100		
153	108.4	89.2	133.8
152	51.3	41.8	62.6





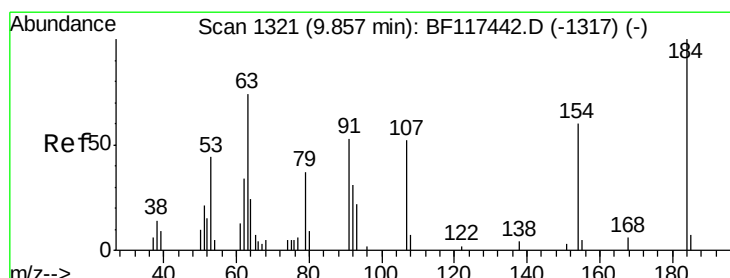
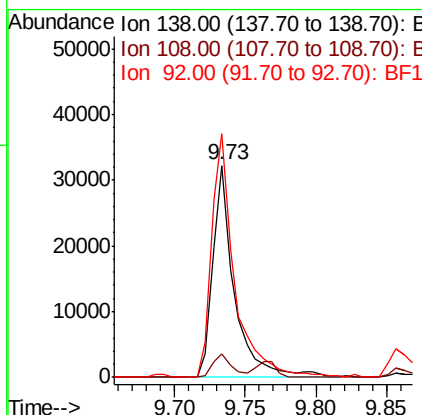
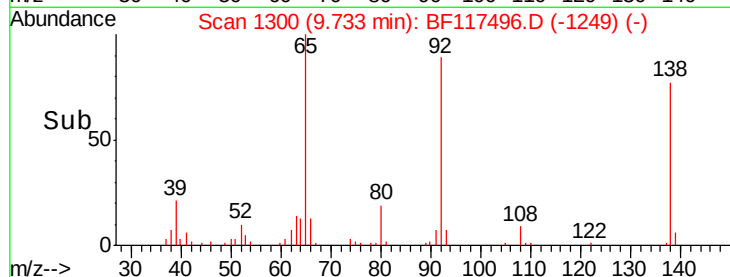
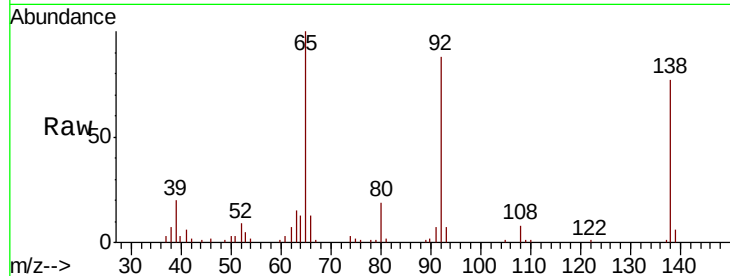
#53
3-Nitroaniline
Concen: 19.693 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	115.1	98.4	147.6

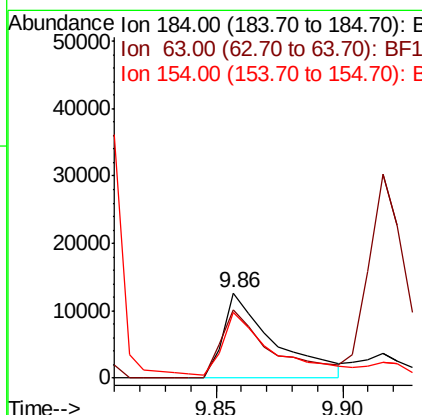
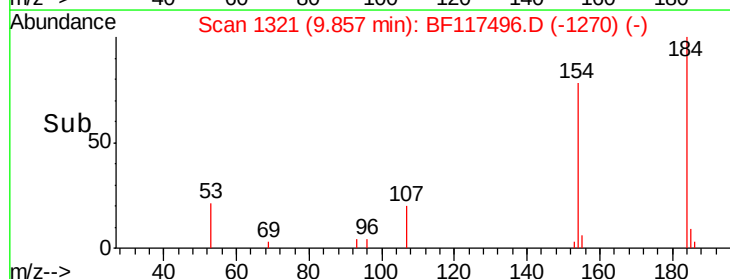
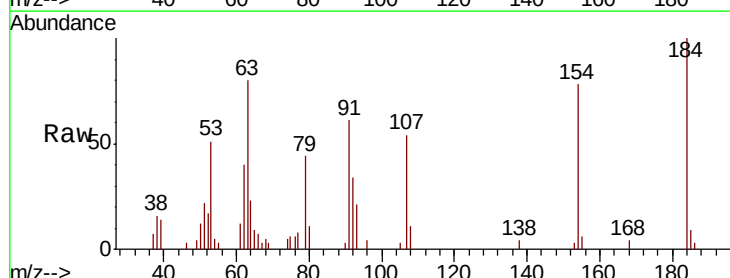
Manual Integrations
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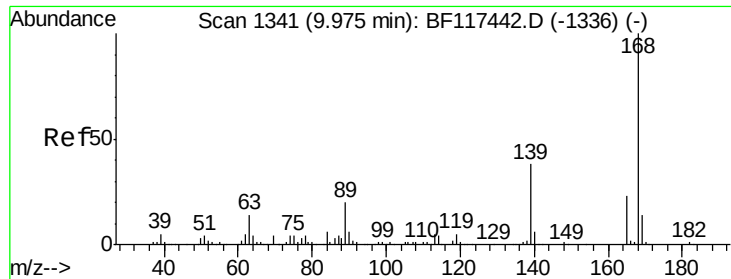
mohammad
10/24/2019 2:10:55 PM



#54
2,4-Dinitrophenol
Concen: 32.618 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.8	59.2	88.8
154	77.5	53.4	80.0





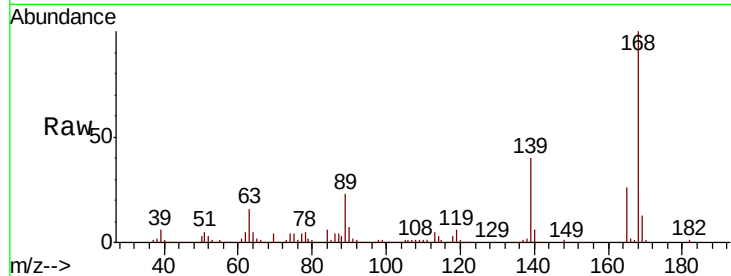
#55
Dibenzenofuran
Concen: 44.250 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.8	47.6
169	13.5	11.2	16.8

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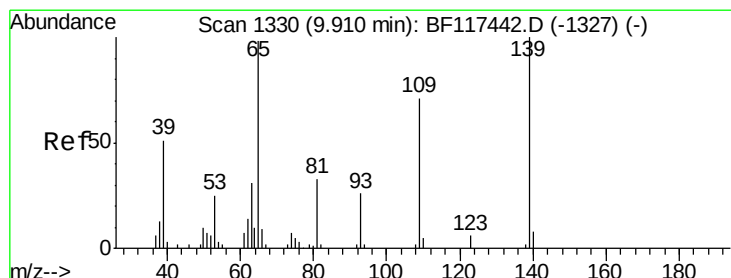
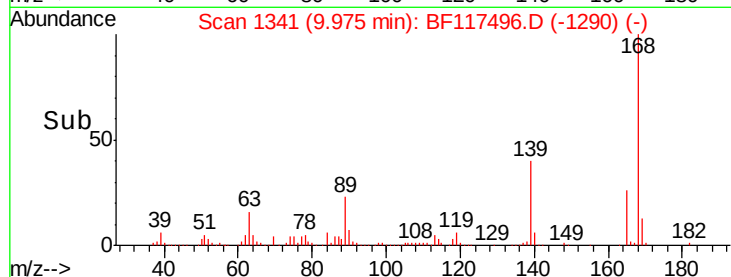
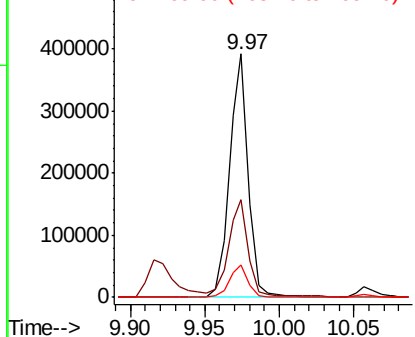


Abundance

Ion 168.00 (167.70 to 168.70): E

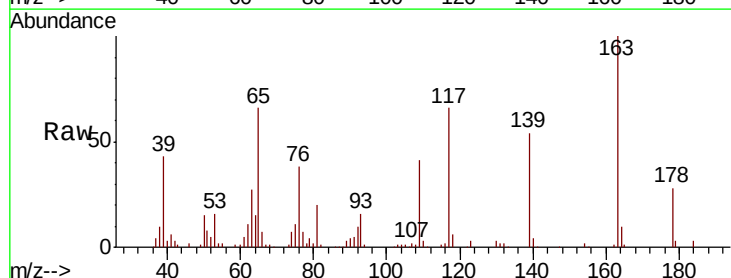
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 93.683 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	51.4	91.4
65	121.4	79.4	119.4#

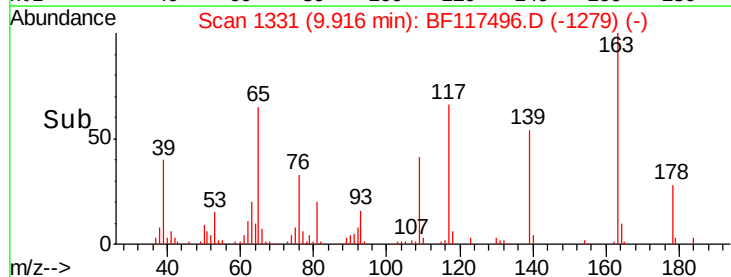
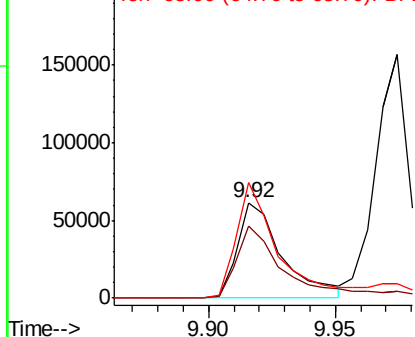


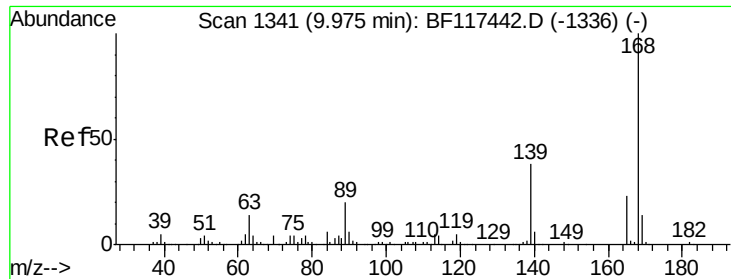
Abundance

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





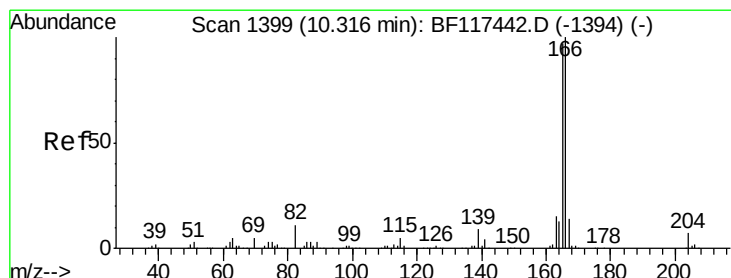
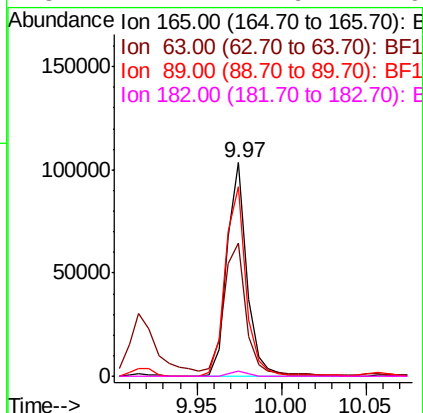
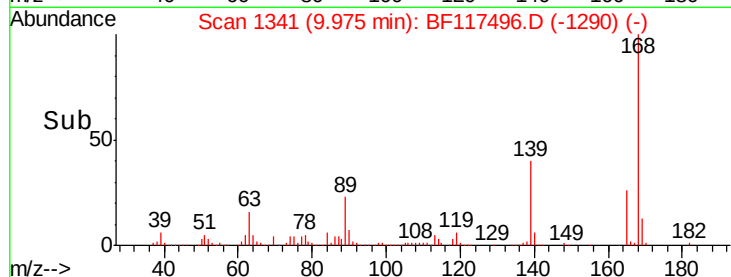
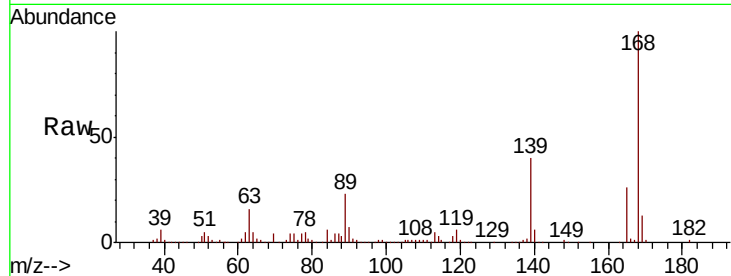
#57
2,4-Dinitrotoluene
Concen: 44.580 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	84425		
63	62.2		51.4	77.0
89	88.5		69.9	104.9
182	2.7		1.9	2.9

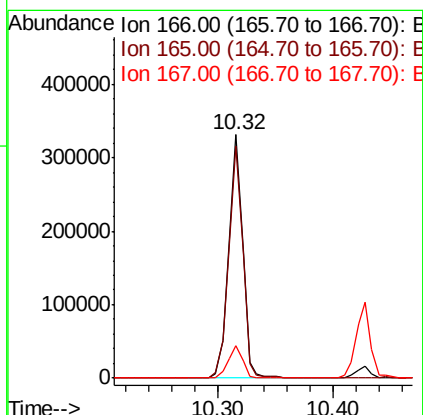
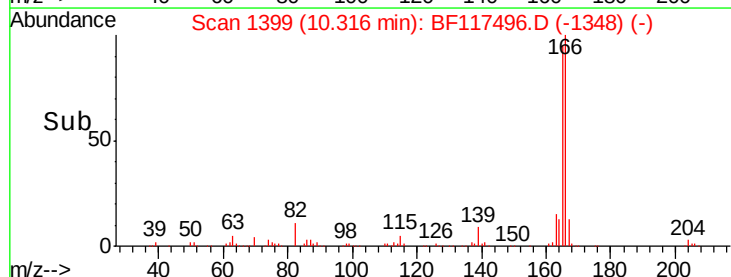
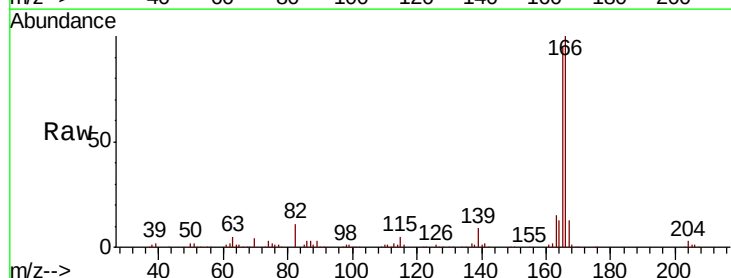
Manual Integrations
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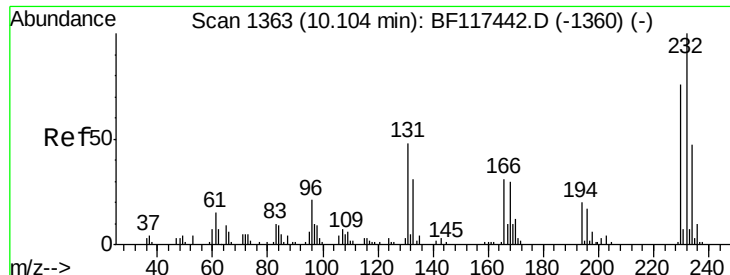
mohammad
10/24/2019 2:10:55 PM



#58
Fluorene
Concen: 43.282 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	279303		
165	95.1		77.6	116.4
167	13.2		11.0	16.4





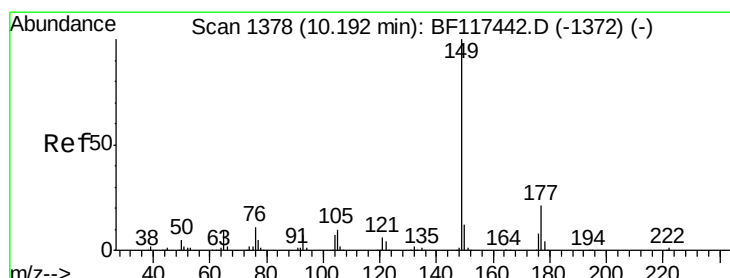
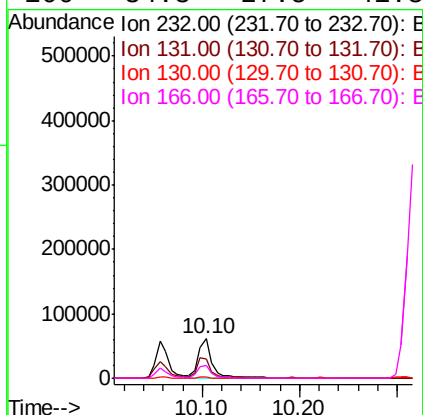
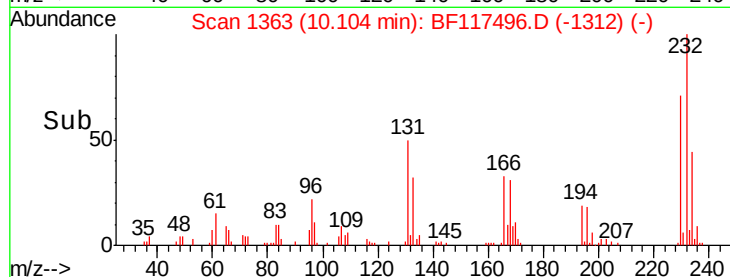
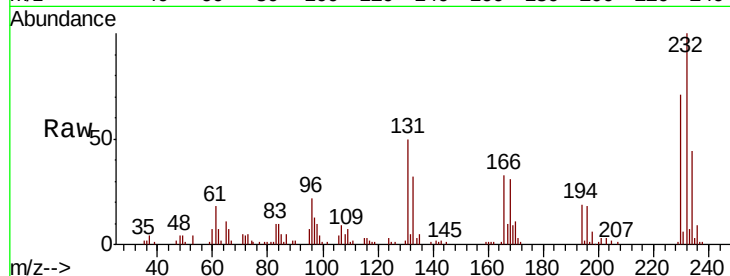
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.156 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion:	232	Resp:	60654
Ion Ratio	Lower	Upper	
232	100		
131	52.1	42.6	63.8
130	2.4	2.2	3.4
166	34.3	27.5	41.3

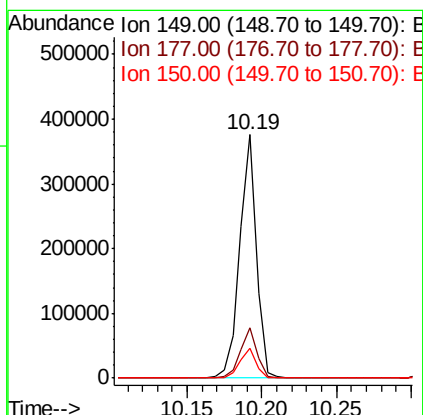
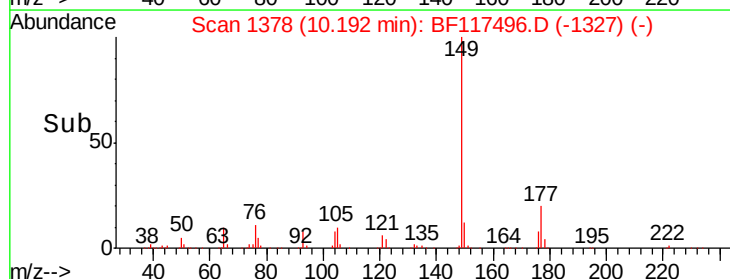
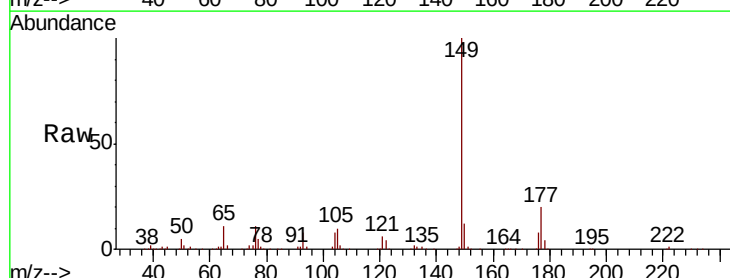
Manual Integrations
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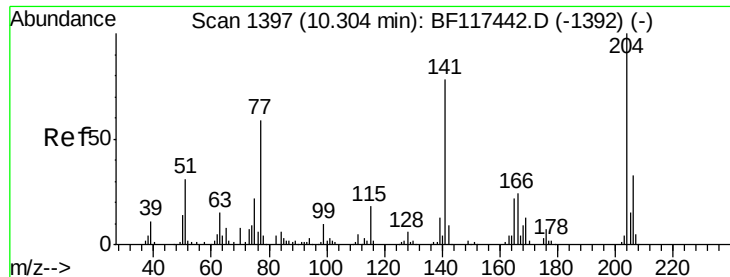
mohammad
10/24/2019 2:10:55 PM



#60
Diethylphthalate
Concen: 42.852 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion:	149	Resp:	295864
Ion Ratio	Lower	Upper	
149	100		
177	20.5	17.0	25.4
150	12.4	9.8	14.6





#61

4-Chlorophenyl-phenylether

Concen: 42.258 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

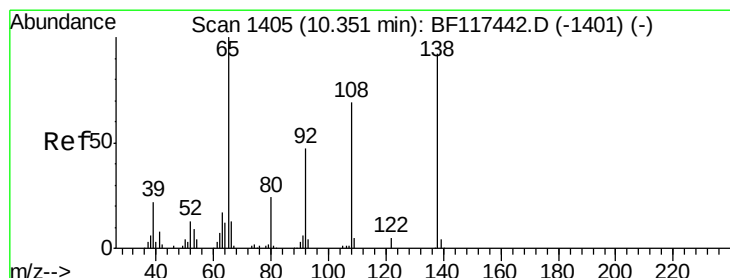
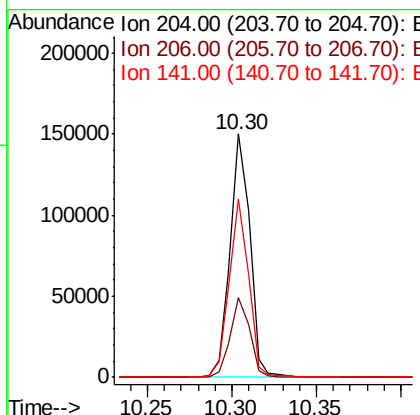
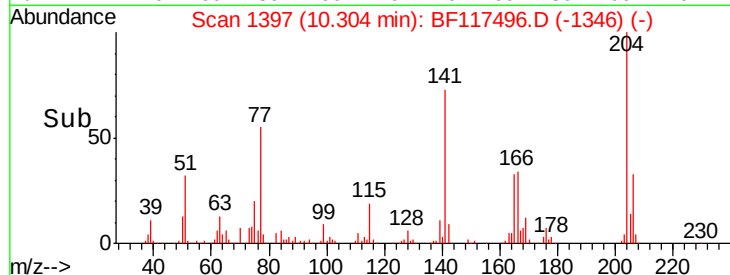
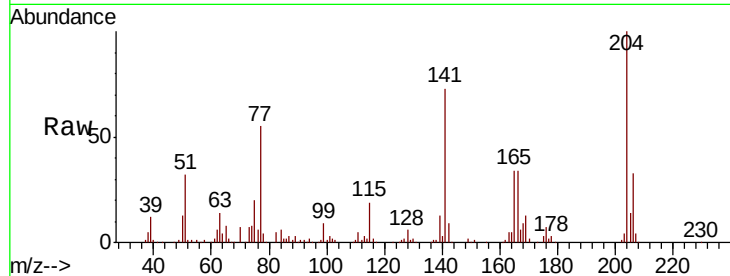
ClientSampleId :

TP1-2FTMS

Tot Ion:	204	Resp:	122346
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.3	39.5
141	73.4	62.2	93.4

Manual Integrations
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#62

4-Nitroaniline

Concen: 32.853 ng

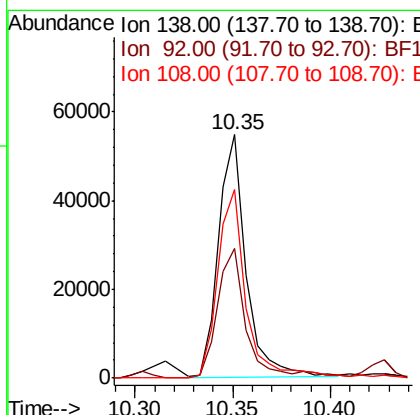
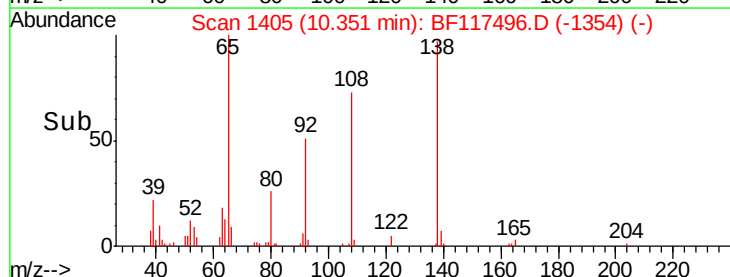
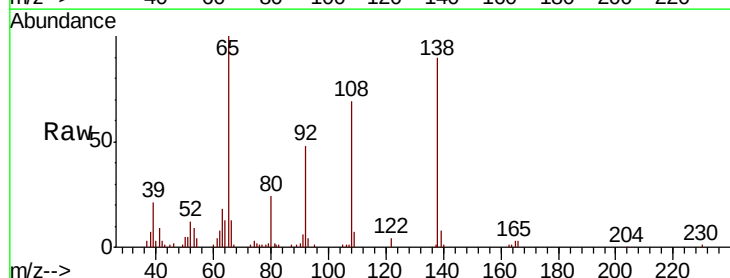
RT: 10.35 min Scan# 1405

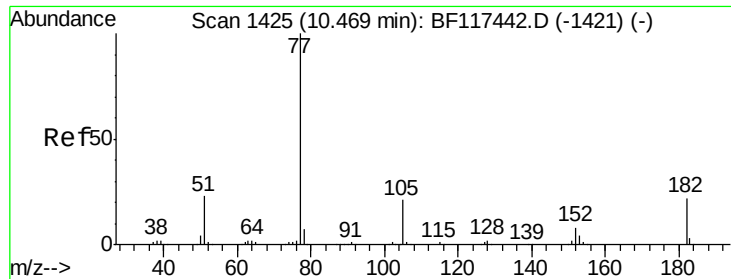
Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion:	138	Resp:	53518
Ion Ratio	Lower	Upper	
138	100		
92	53.1	30.3	70.3
108	77.4	54.9	94.9





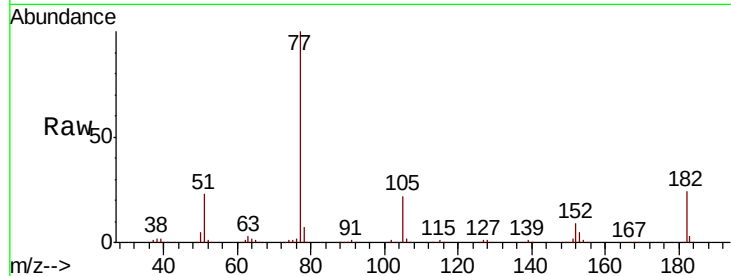
#63
Azobenzene
Concen: 44.539 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

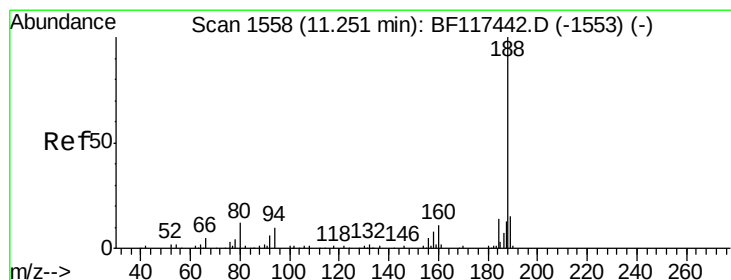
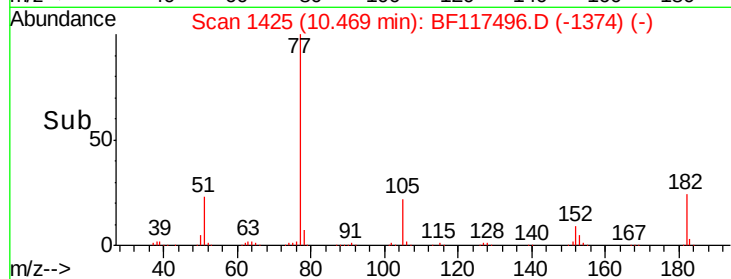
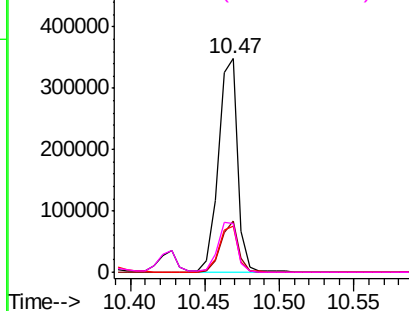
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		314795		
182	24.1	2.3	42.3		
105	21.8	1.3	41.3		
51	22.8	3.5	43.5		

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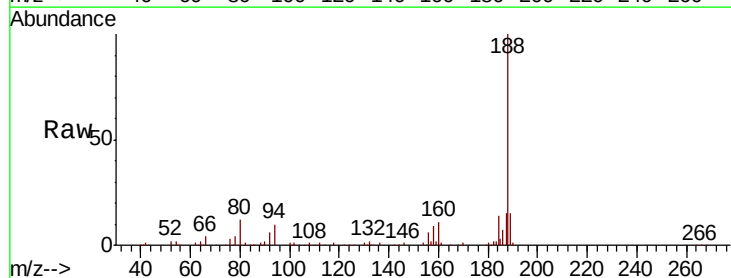


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

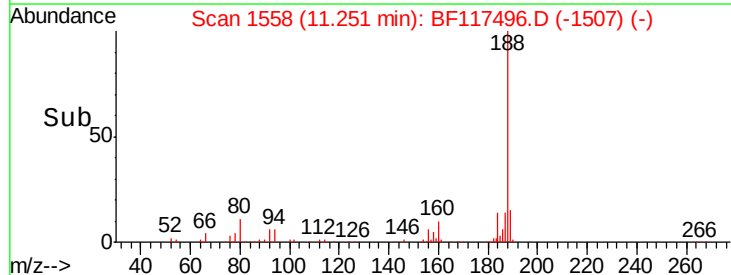
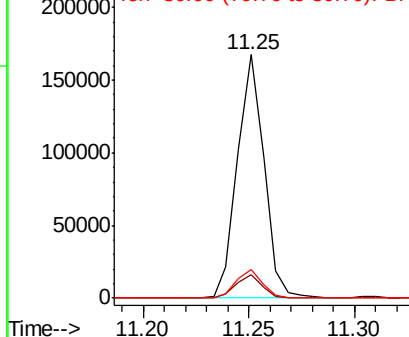


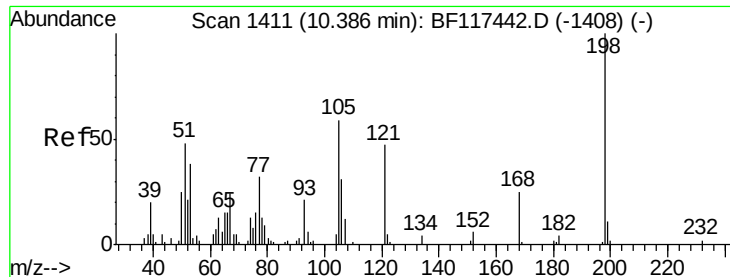
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		146984		
94	9.6	8.0	12.0		
80	11.7	9.5	14.3		



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





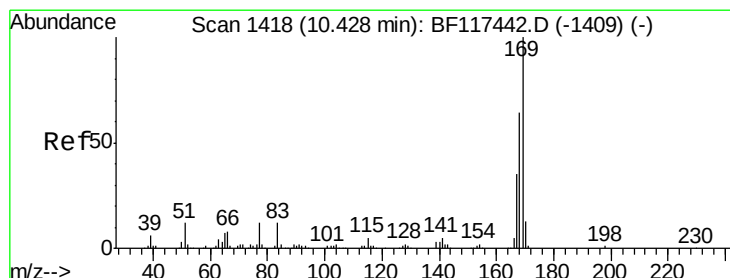
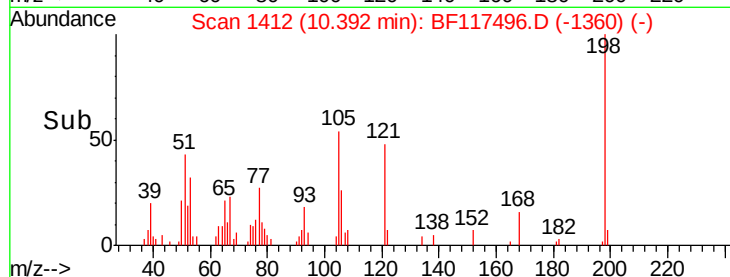
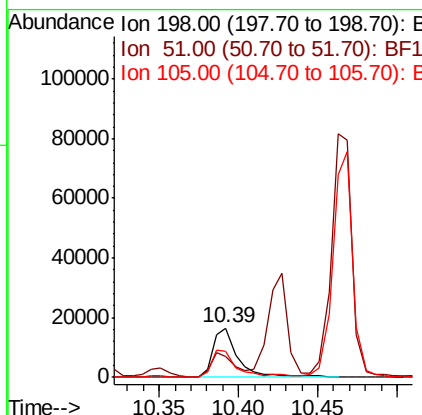
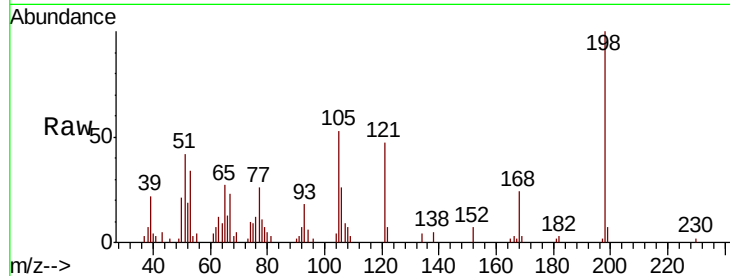
#65
4,6-Dinitro-2-methylphenol
Concen: 23.905 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	29.1	69.1
105	52.8	39.4	79.4

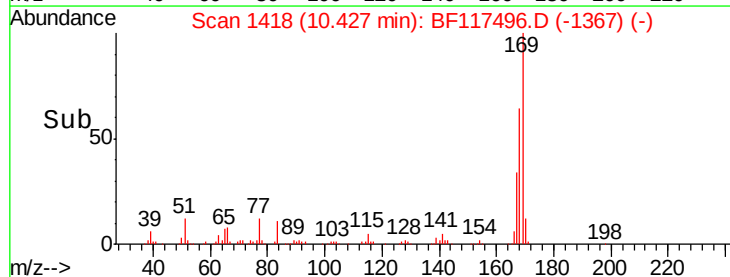
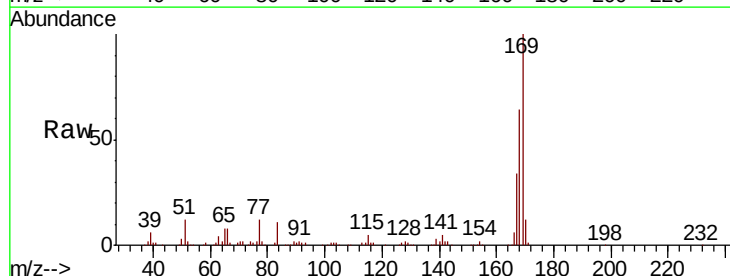
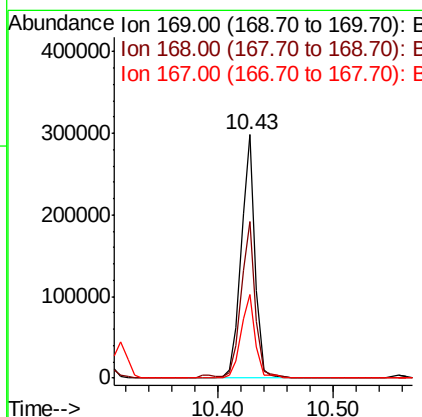
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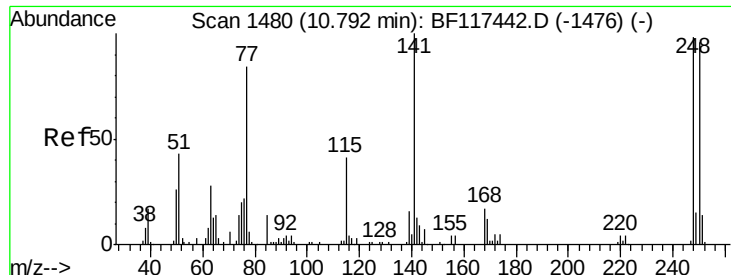
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.222 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.5	51.3	76.9
167	34.5	28.2	42.4





#67

4-Bromophenyl-phenylether

Concen: 43.332 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

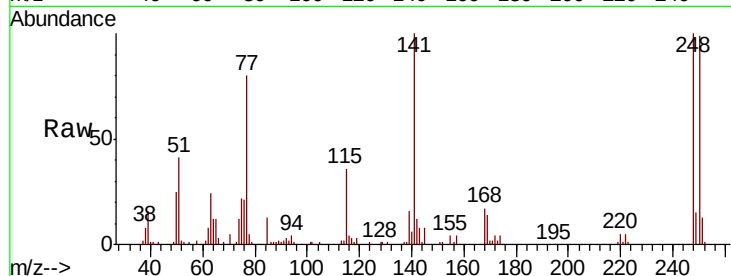
ClientSampleId :

TP1-2FTMS

Tot Ion:	248	Resp:	68602
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.0	117.0
141	100.3	81.7	122.5

Manual Integrations
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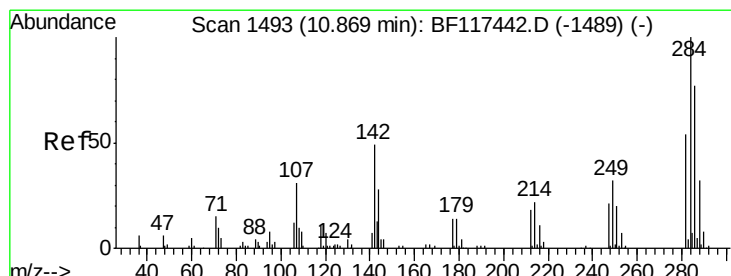
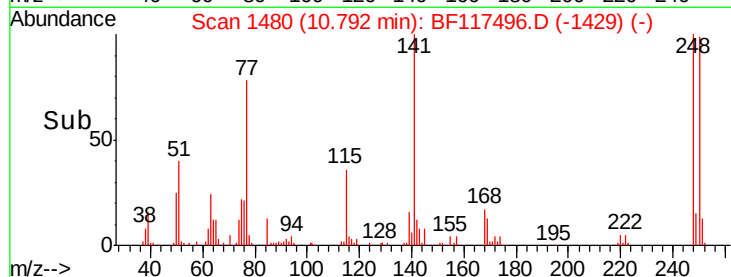
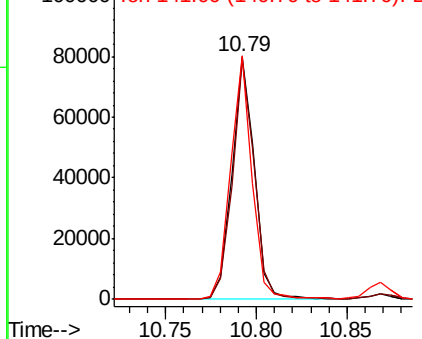


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.223 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

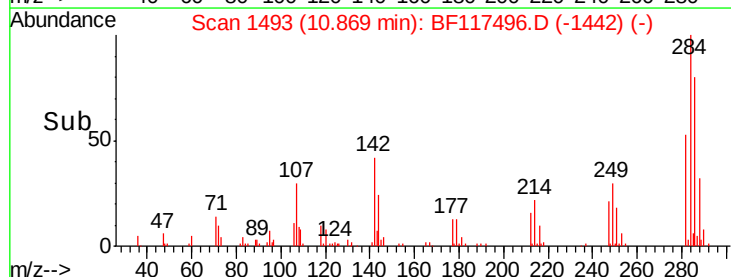
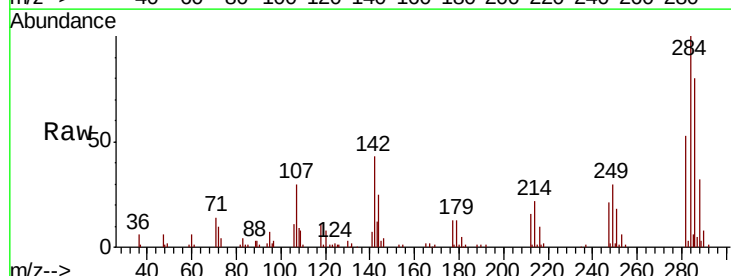
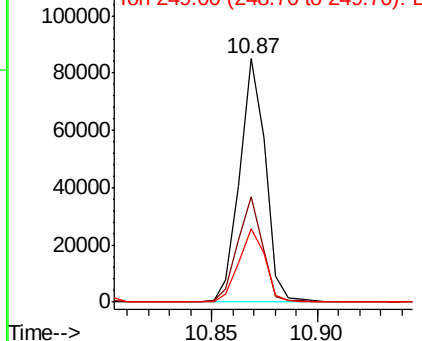
Tgt Ion:	284	Resp:	71589
Ion Ratio	Lower	Upper	
284	100		
142	43.1	39.0	58.6
249	30.0	25.7	38.5

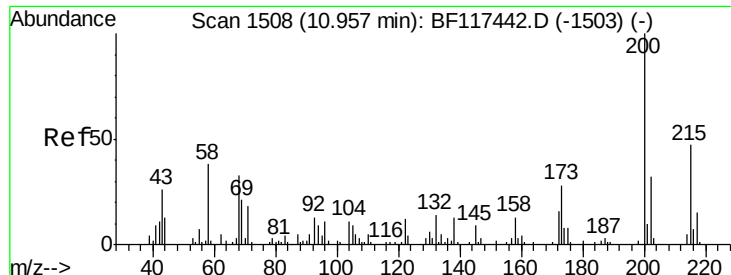
Abundance

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





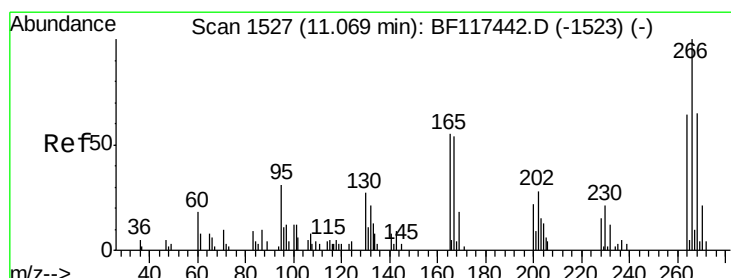
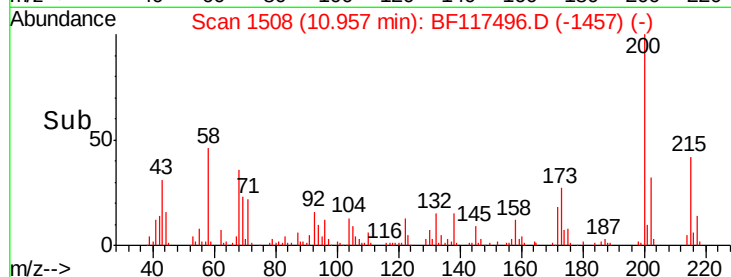
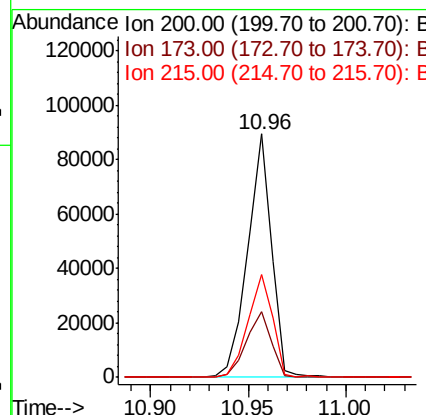
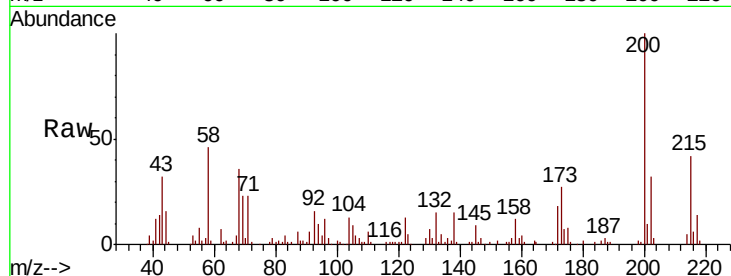
#69
Atrazine
Concen: 55.448 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	8.2	48.2
215	42.3	26.8	66.8

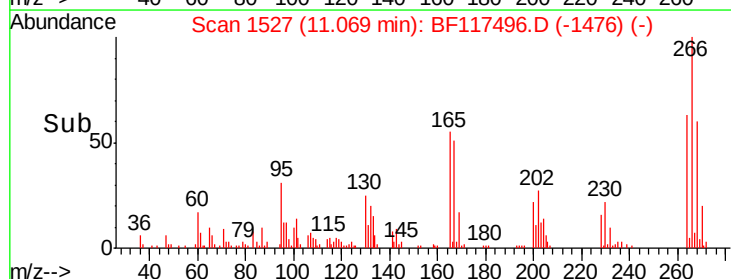
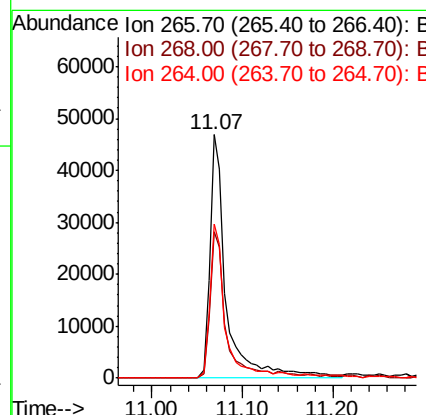
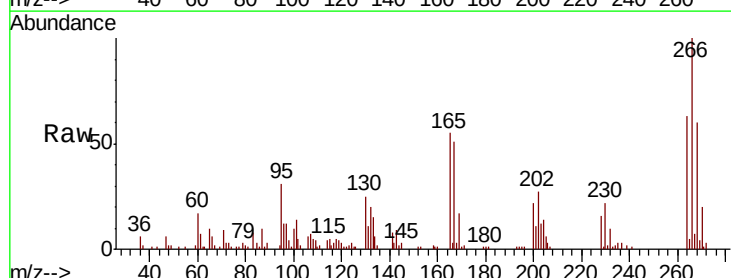
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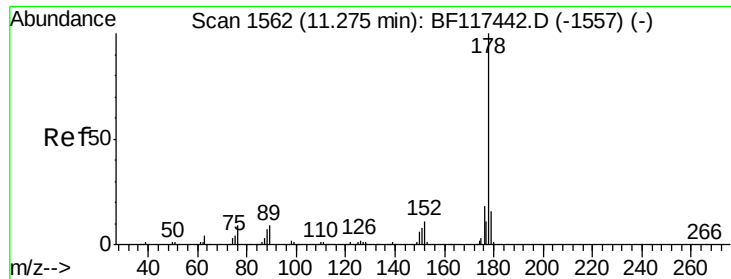
mohammad
10/24/2019 2:10:55 PM



#70
Pentachlorophenol
Concen: 118.790 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.9	51.6	77.4
264	63.5	51.4	77.2





#71

Phenanthrene

Concen: 45.761 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

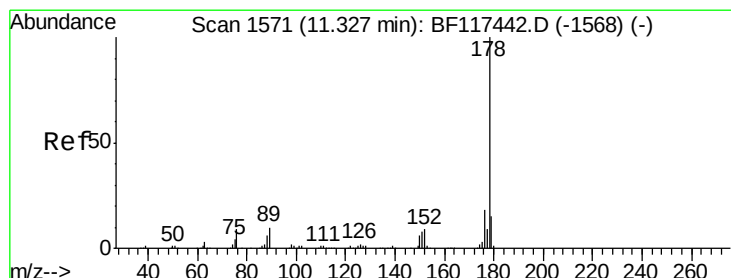
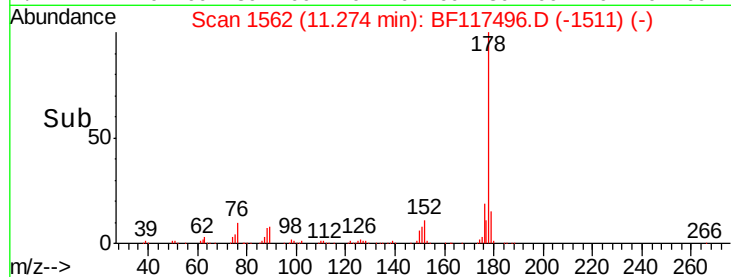
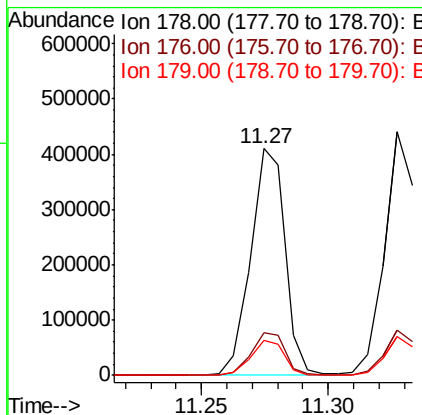
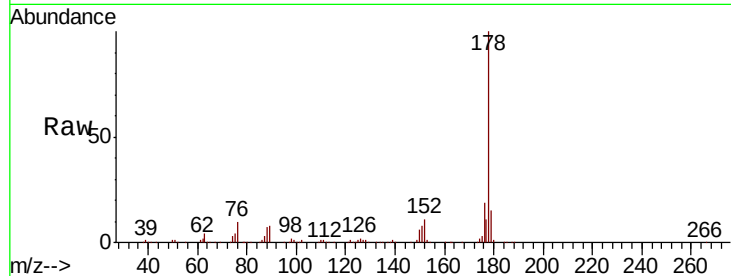
ClientSampled :

TP1-2FTMS

Tot Ion:	178	Resp:	390564
Ion Ratio	Lower	Upper	
178	100		
176	19.0	14.6	22.0
179	15.4	12.6	19.0

Manual Integrations
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#72

Anthracene

Concen: 45.285 ng

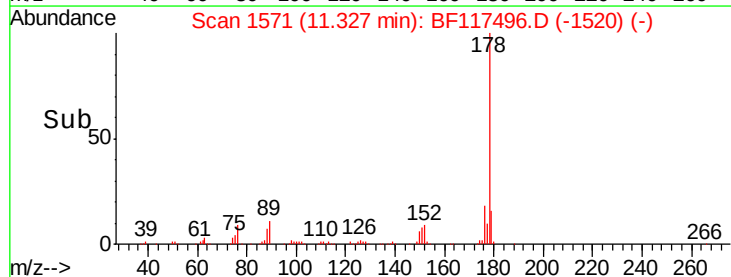
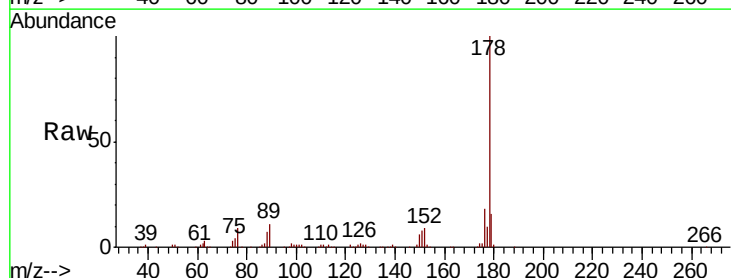
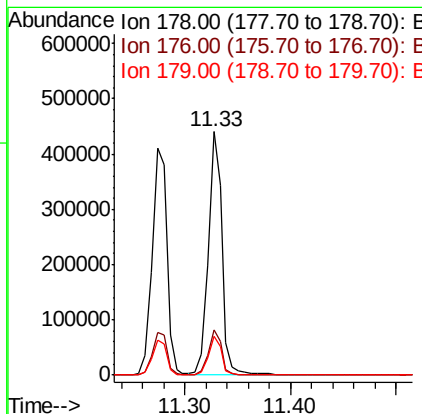
RT: 11.33 min Scan# 1571

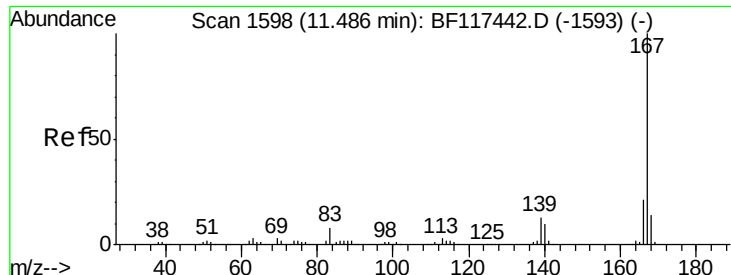
Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion:	178	Resp:	396570
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.7	22.1
179	15.8	12.2	18.2





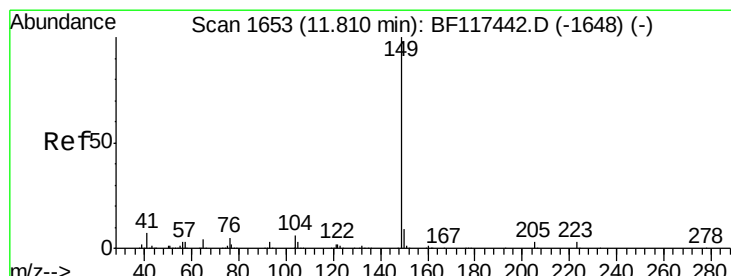
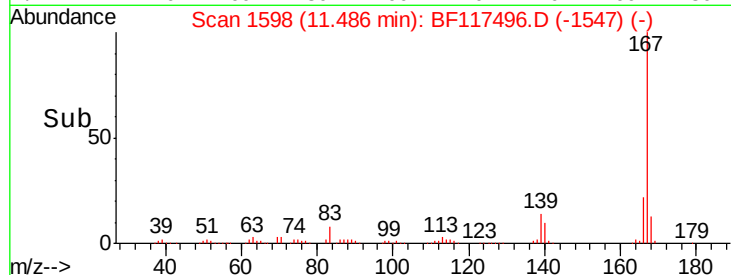
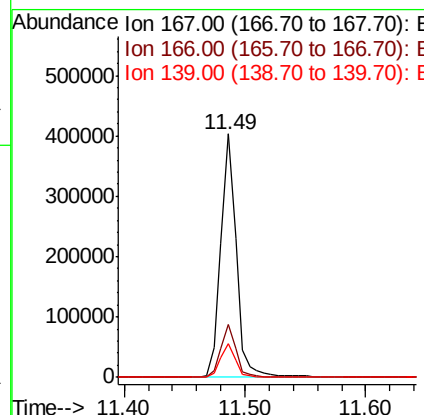
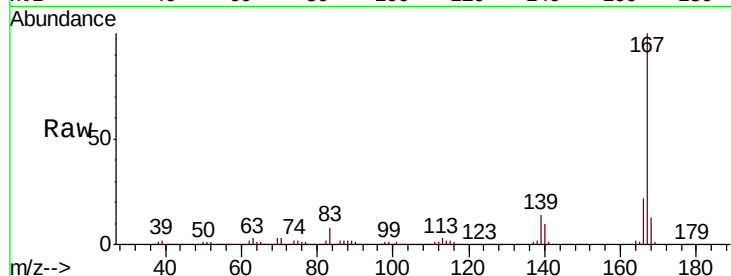
#73
 Carbazole
 Concen: 44.492 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		356073		
166	21.7	17.0	25.6		
139	14.0	10.6	16.0		

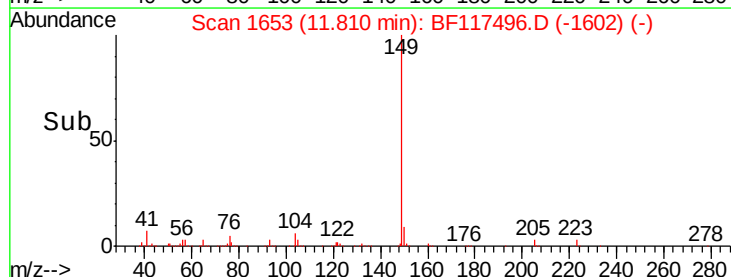
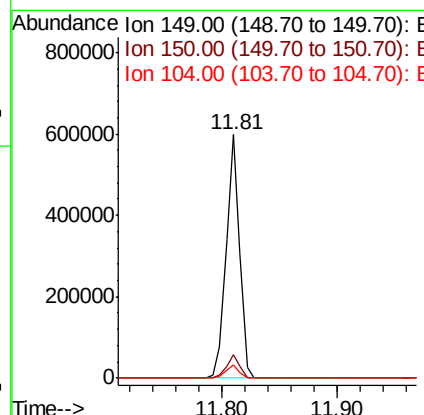
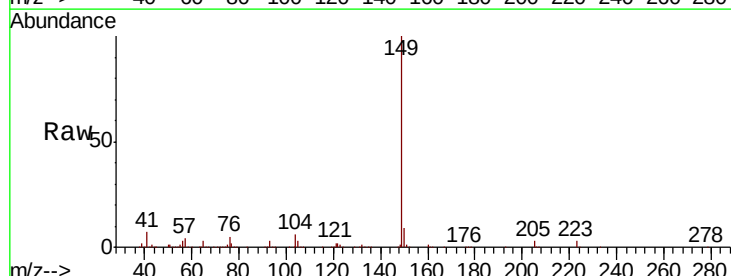
Manual Integrations
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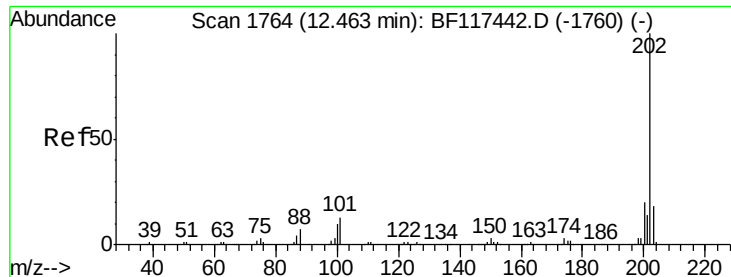
mohammad
 10/24/2019 2:10:55 PM



#74
 Di-n-butylphthalate
 Concen: 45.176 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		483085		
150	9.5	7.5	11.3		
104	5.6	4.6	6.8		





#75

Fluoranthene

Concen: 41.692 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

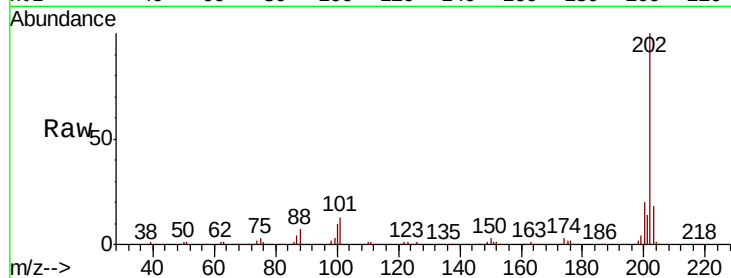
ClientSampleId :

TP1-2FTMS

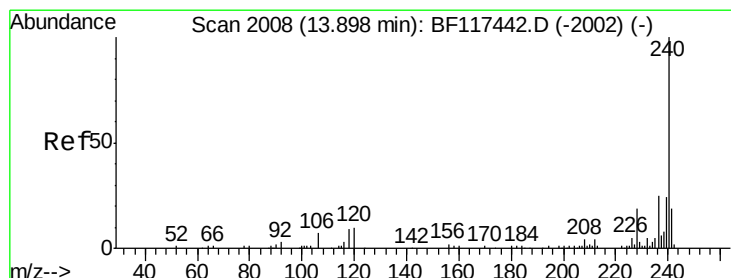
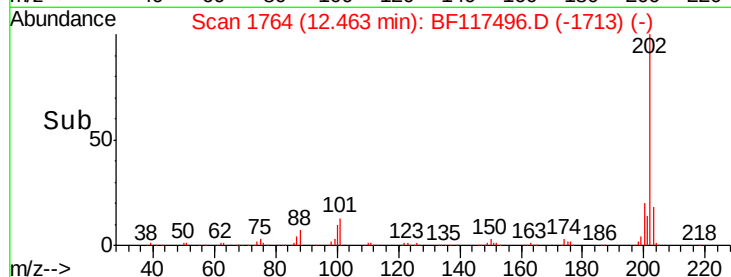
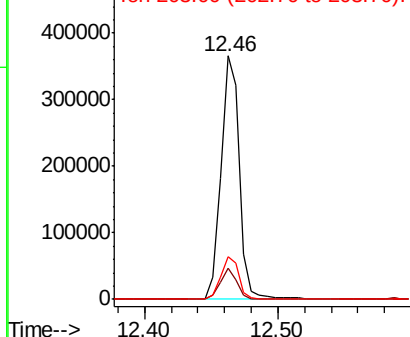
Tot Ion	Ratio	Resp	Lower	Upper
202	100	356214		
101	12.9		0.0	32.7
203	17.7		0.0	37.6

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



#76

Chrysene-d12

Concen: 20.000 ng

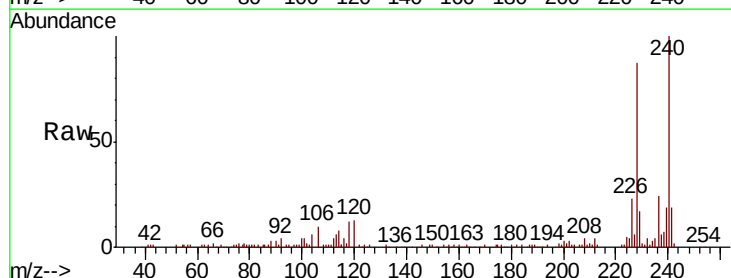
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

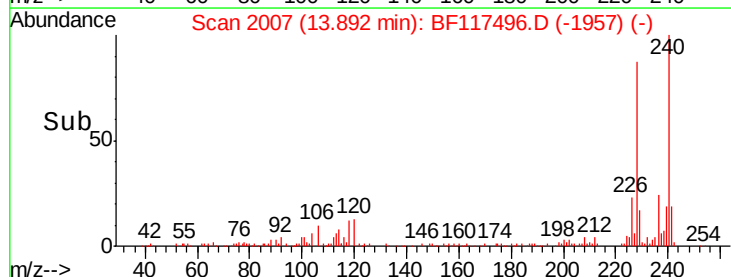
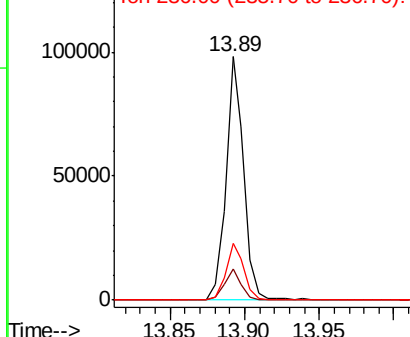
Lab File: BF117496.D

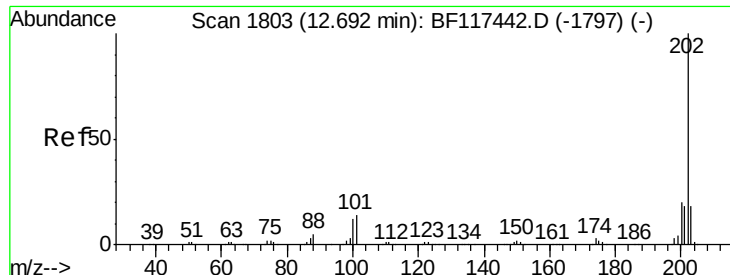
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	82097		
120	12.8		8.4	12.6#
236	23.6		20.0	30.0



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





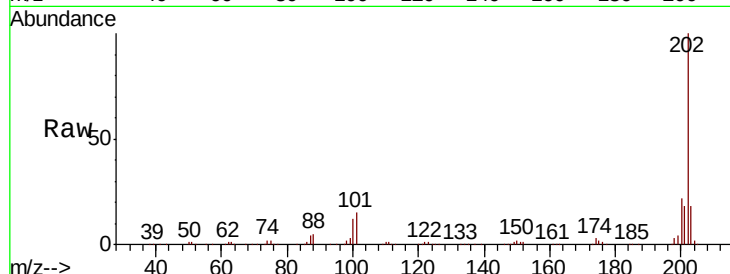
#78
Pvrene
Concen: 48.293 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.2	24.2
203	18.0	14.0	21.0

Manual Integrations
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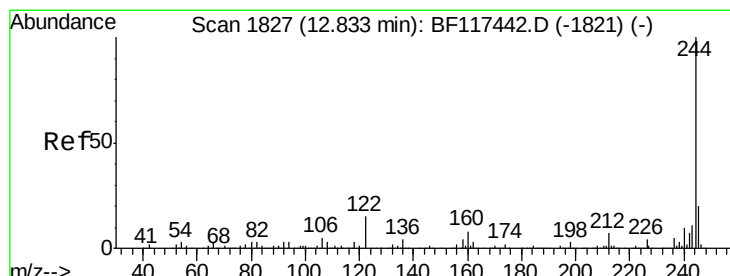
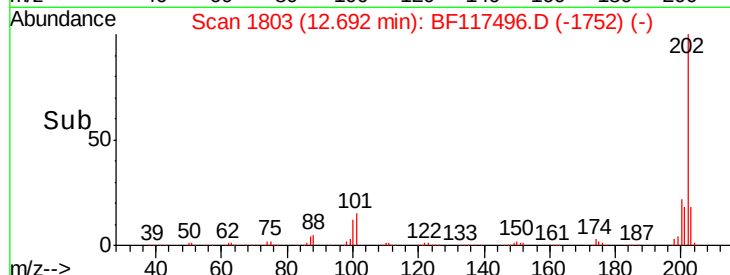
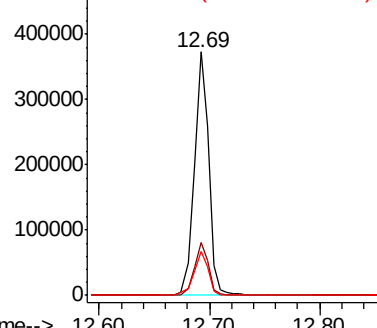


Abundance

Ion 202.00 (201.70 to 202.70): E

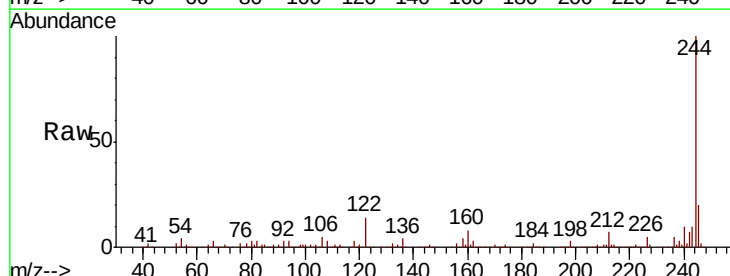
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 59.365 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	14.2	11.8	17.8

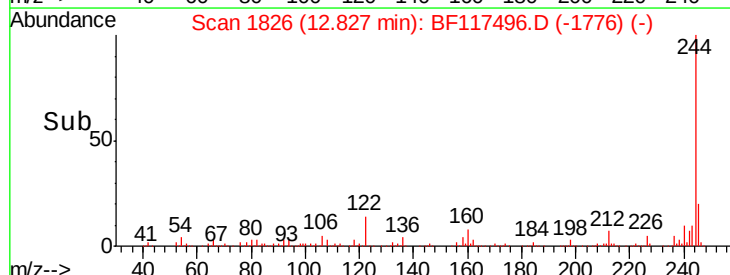
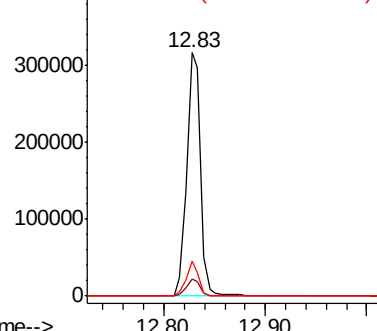


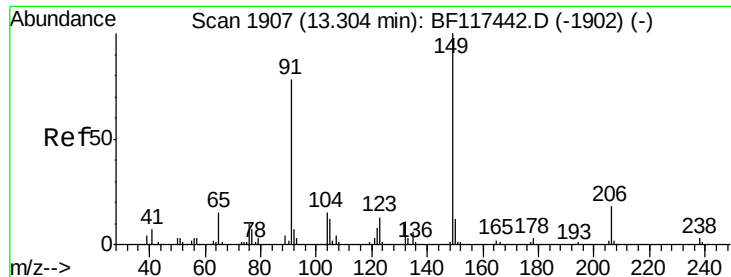
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





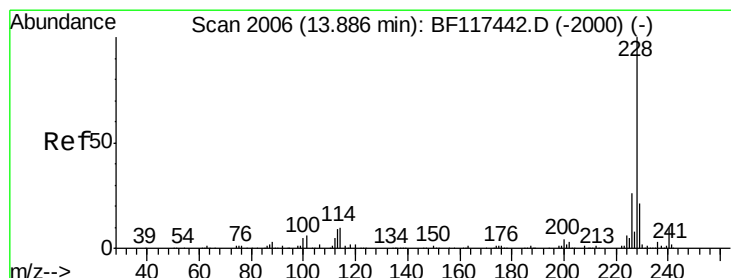
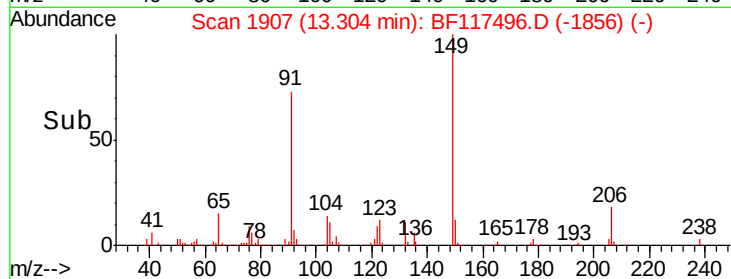
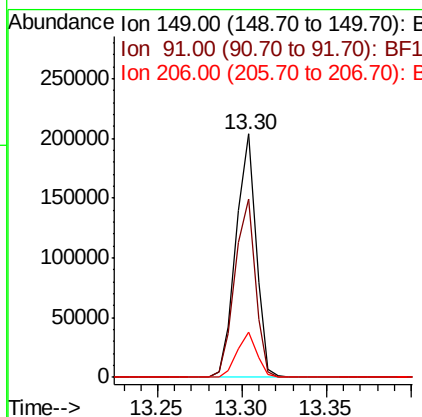
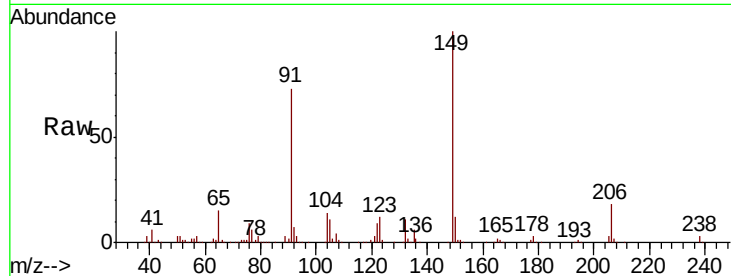
#80
Butylbenzylphthalate
Concen: 48.499 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleID :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	170187		
91	73.3	62.1	93.1	
206	18.3	14.3	21.5	

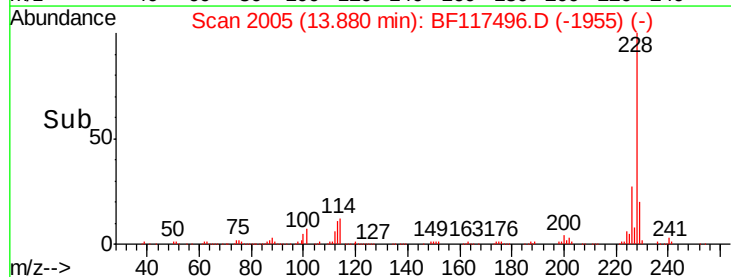
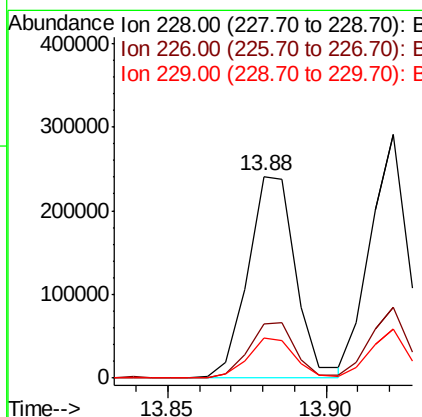
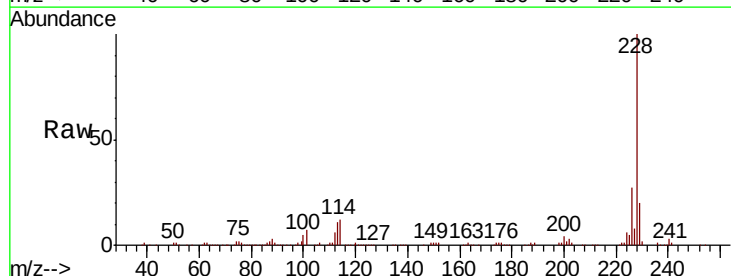
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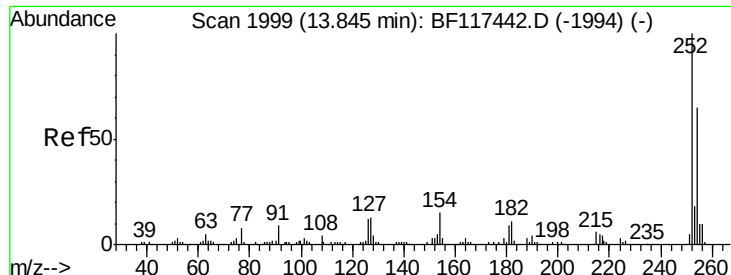
mohammad
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#81
Benzo(a)anthracene
Concen: 45.631 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	252694		
226	27.1	21.0	31.4	
229	20.0	16.4	24.6	





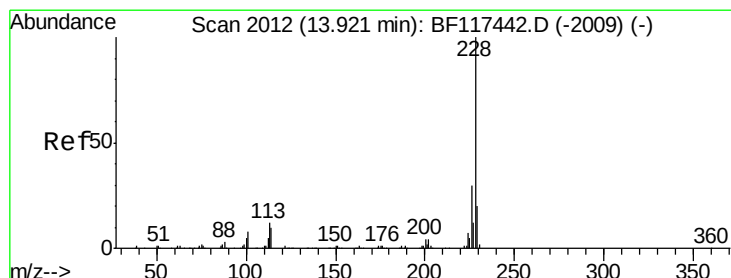
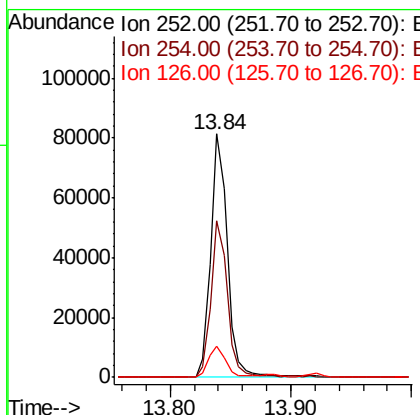
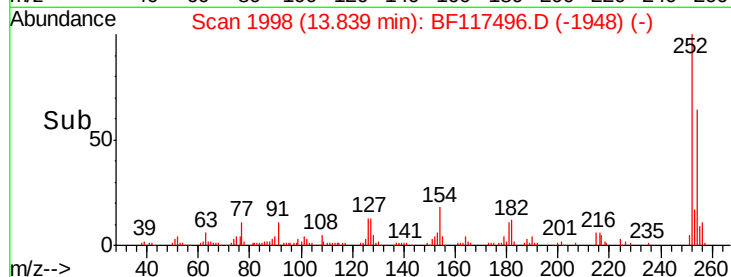
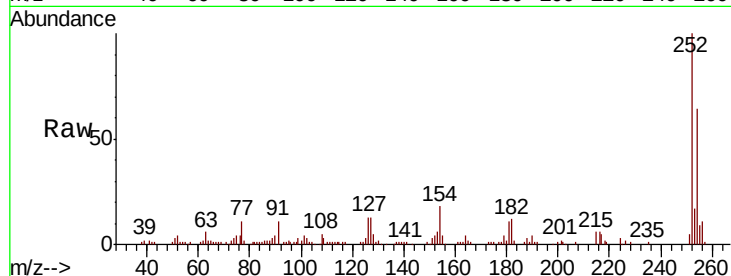
#82
 3,3'-Dichlorobenzidine
 Concen: 44.616 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.4
126	13.0	9.2	13.8

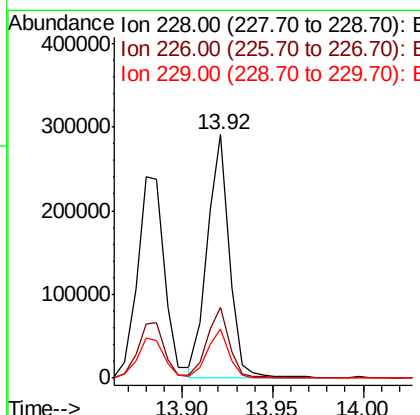
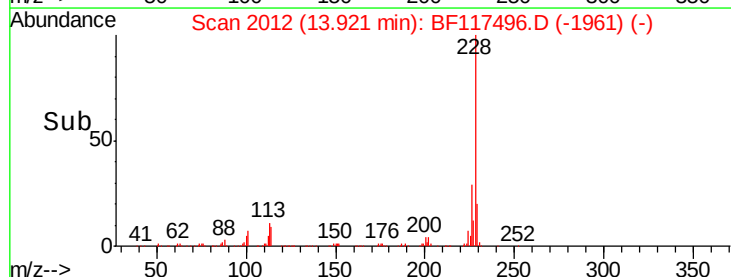
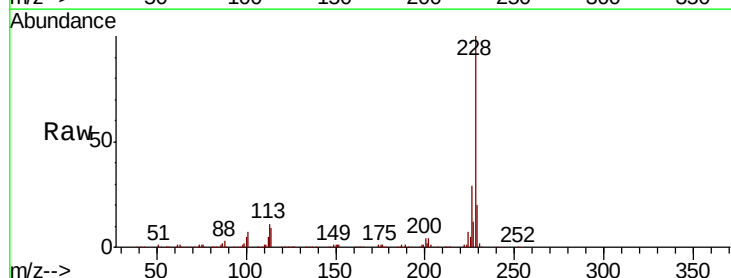
Manual Integrations
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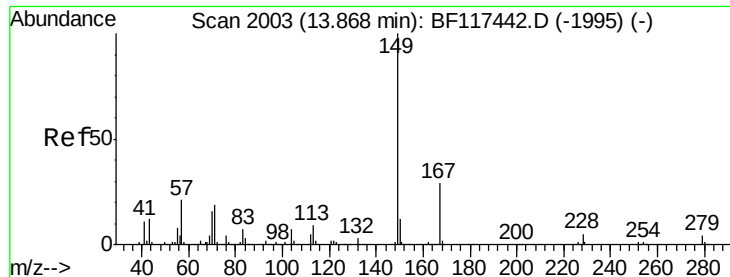
mohammad
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#83
 Chrysene
 Concen: 45.133 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.9	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.315 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

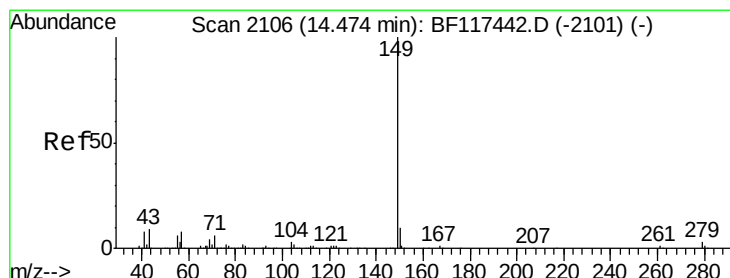
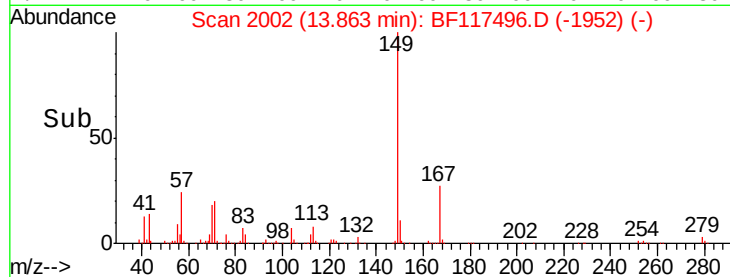
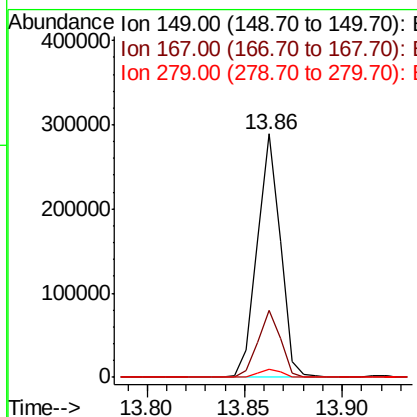
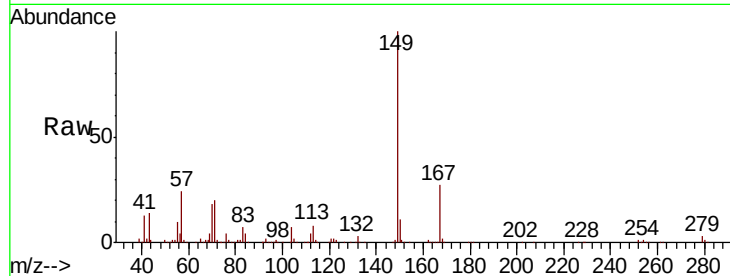
ClientSampleId :

TP1-2FTMS

Tot Ion:	149	Resp:	237495
Ion Ratio	Lower	Upper	
149	100		
167	27.3	23.3	34.9
279	3.3	3.2	4.8

Manual Integrations
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#85

Di-n-octyl phthalate

Concen: 48.100 ng

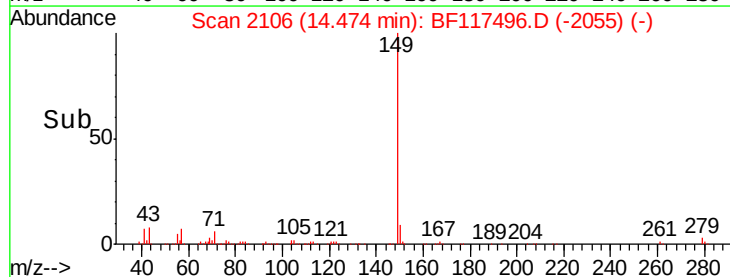
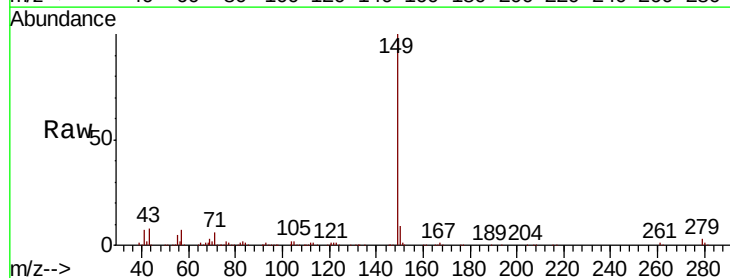
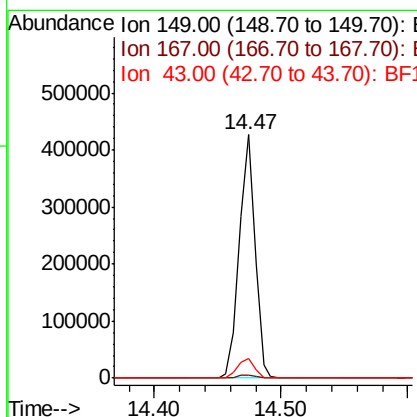
RT: 14.47 min Scan# 2106

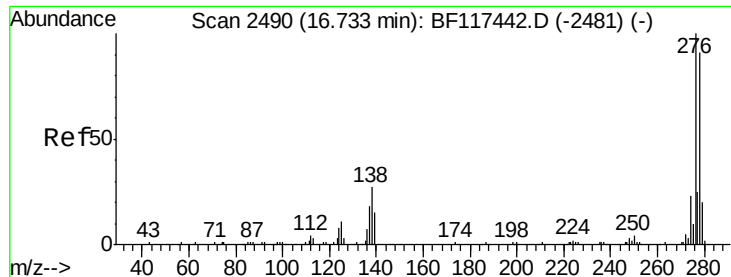
Delta R.T. -0.00 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Tgt Ion:	149	Resp:	363522
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.3	6.8	10.2





#86

Indeno(1,2,3-cd)pyrene

Concen: 54.592 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BF117496.D

Acq: 23 Oct 2019 21:10

Instrument :

BNA_F

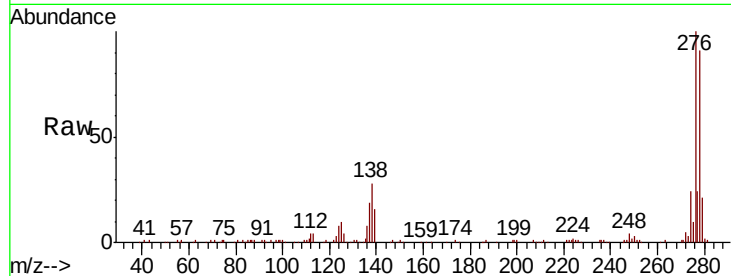
ClientSampleId :

TP1-2FTMS

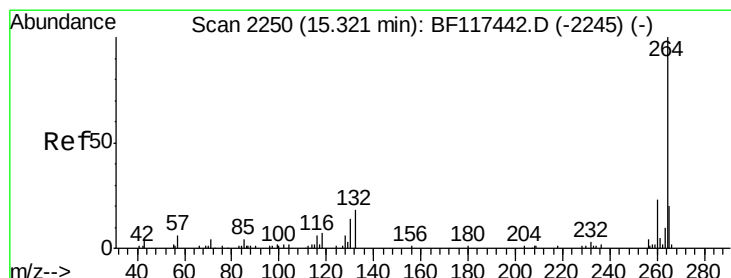
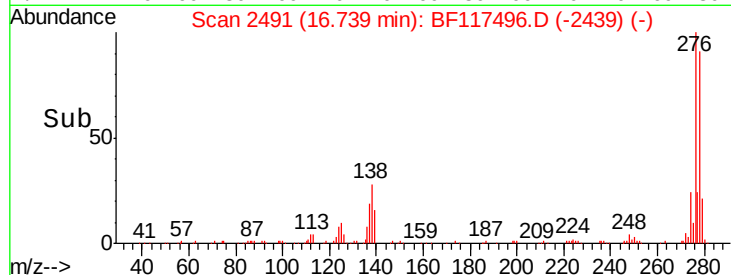
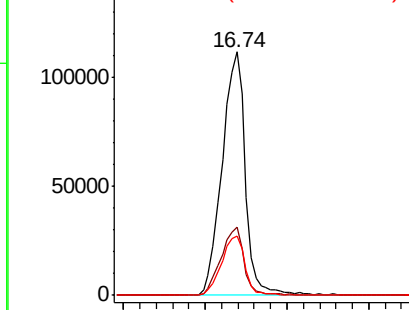
Tot Ion:	276	Resp:	221211
Ion Ratio	Lower	Upper	
276	100		
138	27.7	21.8	32.8
277	24.7	20.0	30.0

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



#87

Perylene-d12

Concen: 20.000 ng

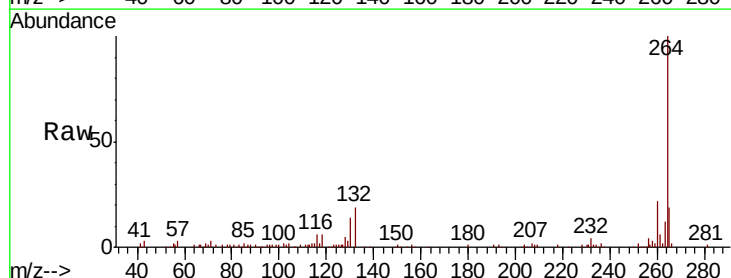
RT: 15.32 min Scan# 2250

Delta R.T. -0.00 min

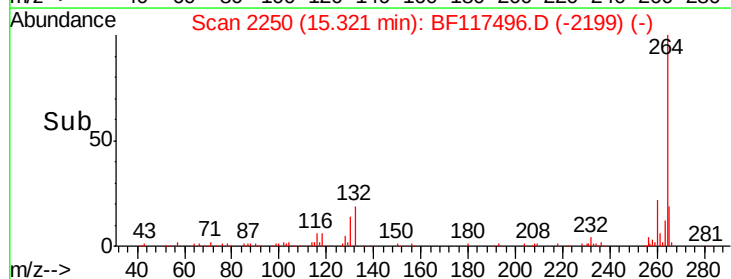
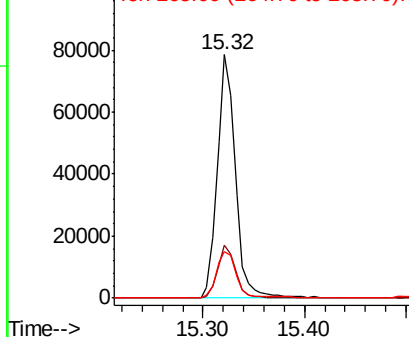
Lab File: BF117496.D

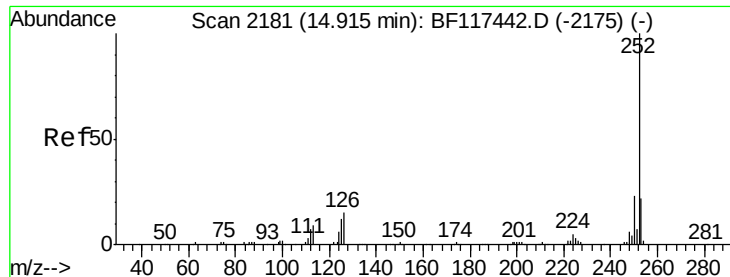
Acq: 23 Oct 2019 21:10

Tgt Ion:	264	Resp:	97566
Ion Ratio	Lower	Upper	
264	100		
260	21.7	18.4	27.6
265	19.2	16.1	24.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





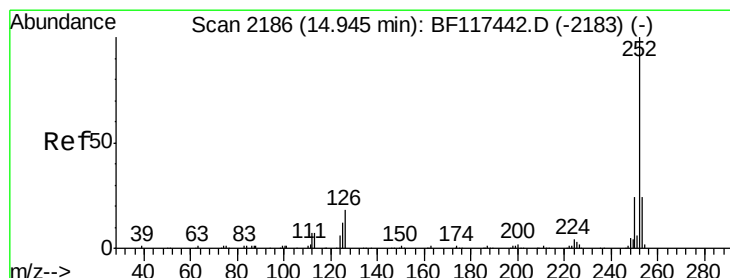
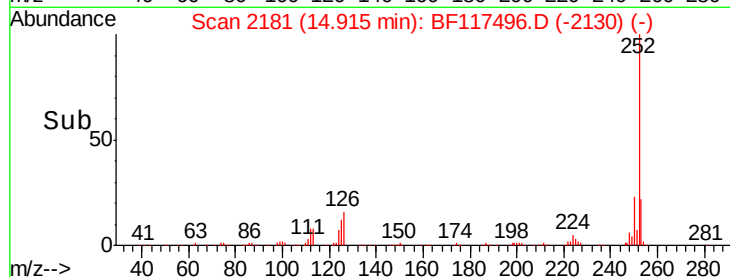
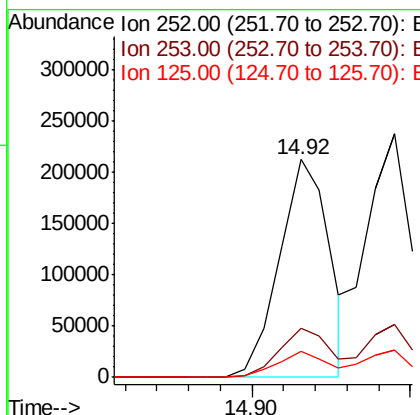
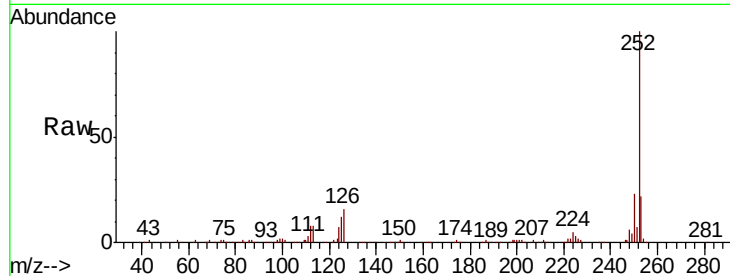
#88
Benzo(b)fluoranthene
Concen: 40.311 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.2	9.9	14.9

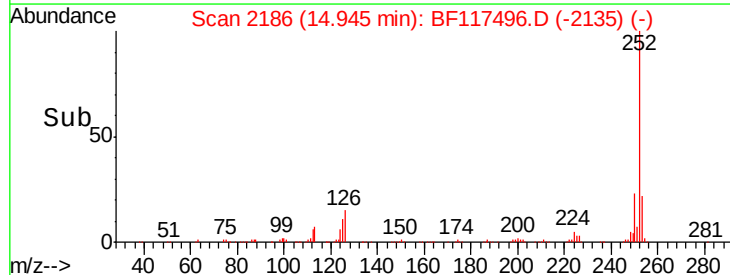
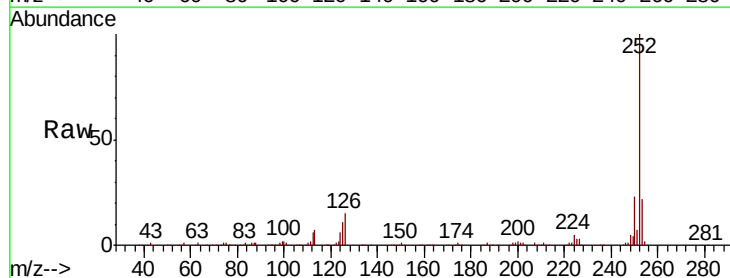
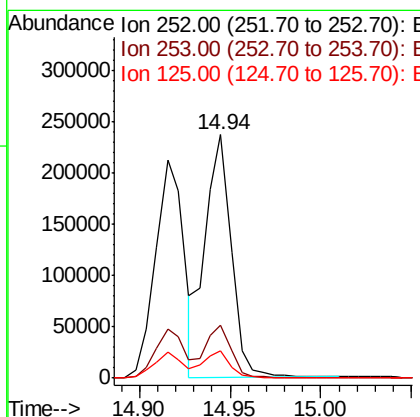
Manual Integrations
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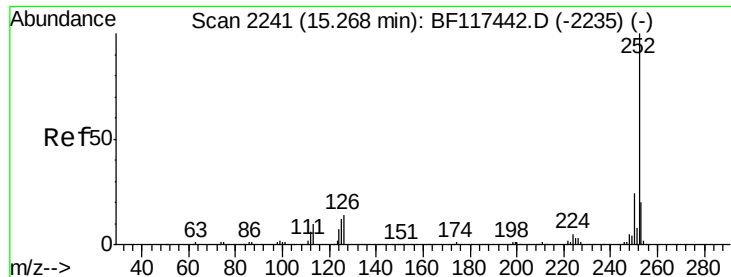
mohammad
10/24/2019 2:10:55 PM



#89
Benzo(k)fluoranthene
Concen: 40.416 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.3	8.9	13.3





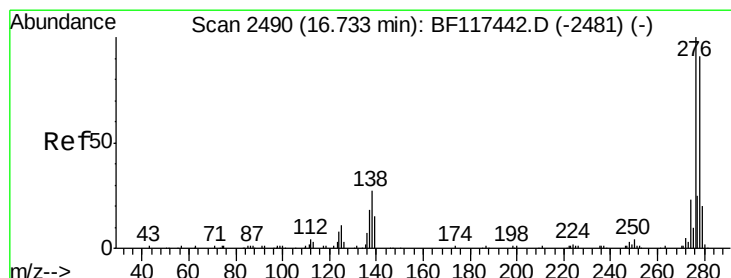
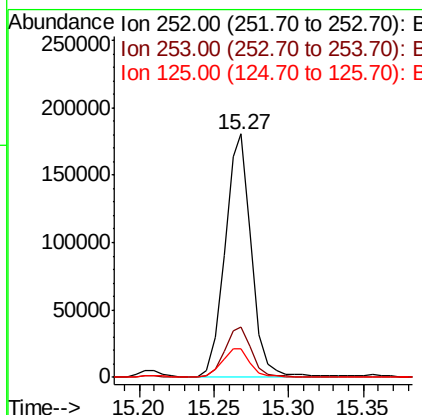
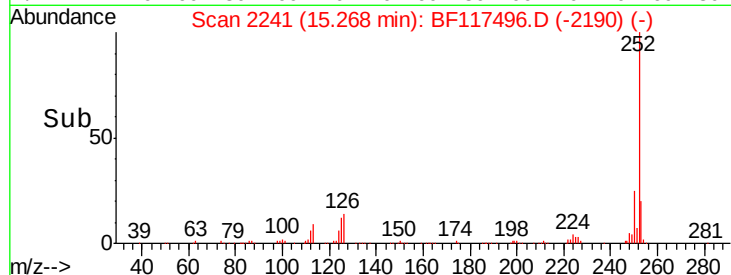
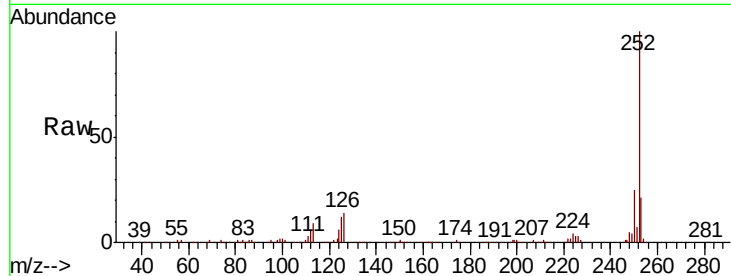
#90
Benzo(a)pyrene
Concen: 42.448 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		222354		
253	20.5	16.3	24.5		
125	11.9	9.2	13.8		

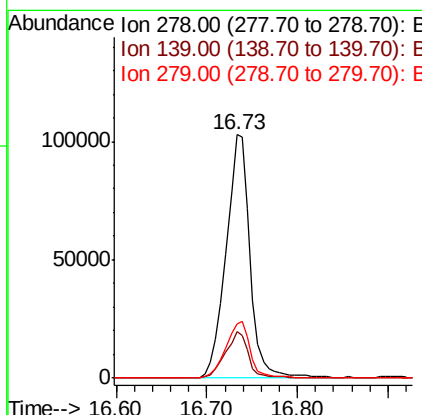
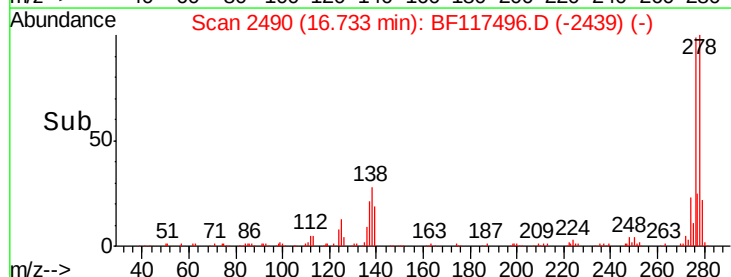
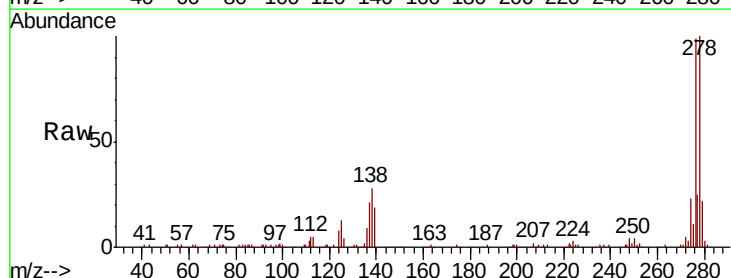
Manual Integrations
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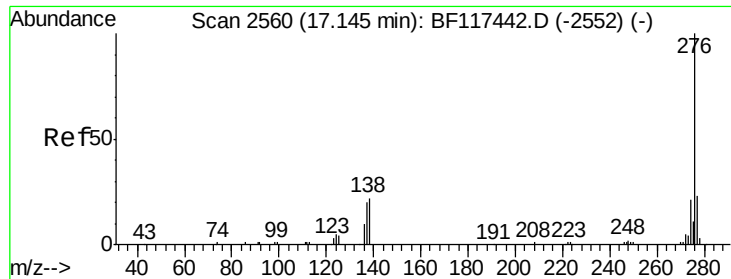
mohammad
10/24/2019 2:10:55 PM



#91
Dibenzo(a,h)anthracene
Concen: 41.929 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117496.D
Acq: 23 Oct 2019 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100		189915		
139	19.0	13.4	20.0		
279	22.2	17.8	26.6		





#92
 Benzo(a,h,i)perylene
 Concen: 40.025 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. 0.01 min
 Lab File: BF117496.D
 Acq: 23 Oct 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.4	27.6
138	21.5	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:10:55 PM

