

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118731.D
 Acq On : 29 Jan 2020 15:09
 Operator : CG/JU
 Sample : L1289-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMSD

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:12 AM

Quant Time: Jan 30 00:34:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	310845	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1183228	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	664436	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1193215	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	756135	20.00	ng	-0.01
87) Perylene-d12	15.46	264	786125	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1681086	100.44	ng	0.00
7) Phenol-d6	6.48	99	2109694	96.98	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1353744	63.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	760085	98.90	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2586167	63.97	ng	-0.01
79) Terphenyl-d14	12.95	244	2829046	81.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	308109	38.008	ng	99
3) Pyridine	3.47	79	794425	34.770	ng	99
4) n-Nitrosodimethylamine	3.40	42	346952	35.419	ng	93
6) Aniline	6.51	93	749214	26.156	ng	99
8) 2-Chlorophenol	6.63	128	893546	47.565	ng	98
9) Benzaldehyde	6.39	77	426445	32.234	ng	95
10) Phenol	6.49	94	1100933	44.409	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	799510	43.468	ng	99
12) 1,3-Dichlorobenzene	6.79	146	947257	43.081	ng	99
13) 1,4-Dichlorobenzene	6.87	146	957567	43.384	ng	100
14) 1,2-Dichlorobenzene	7.02	146	895758	43.171	ng	99
15) Benzyl Alcohol	6.99	79	743715	43.111	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	922572	36.010	ng	99
17) 2-Methylphenol	7.10	107	721413	46.102	ng	100
18) Hexachloroethane	7.36	117	335330	41.898	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	569463	38.769	ng	100
20) 3+4-Methylphenols	7.25	107	838074	43.867	ng	94
22) Acetophenone	7.26	105	1100962	39.279	ng	97
24) Nitrobenzene	7.43	77	872004	40.258	ng	98
25) Isophorone	7.67	82	1609550	41.716	ng	99
26) 2-Nitrophenol	7.75	139	485446	52.555	ng	99
27) 2,4-Dimethylphenol	7.79	122	806083	50.537	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	994617	40.007	ng	100
29) 2,4-Dichlorophenol	7.99	162	782552	44.382	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	862562	42.191	ng	99
31) Naphthalene	8.15	128	2435750	45.570	ng	100
32) Benzoic acid	7.91	122	502901	42.011	ng	99
33) 4-Chloroaniline	8.19	127	326409	13.212	ng	99
34) Hexachlorobutadiene	8.27	225	502260	40.342	ng	99
35) Caprolactam	8.57	113	245842m	42.605	ng	
36) 4-Chloro-3-methylphenol	8.68	107	790363	45.392	ng	98
37) 2-Methylnaphthalene	8.85	142	1720931	45.614	ng	100
38) 1-Methylnaphthalene	8.95	142	1614325	45.038	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	830717	39.958	ng	99

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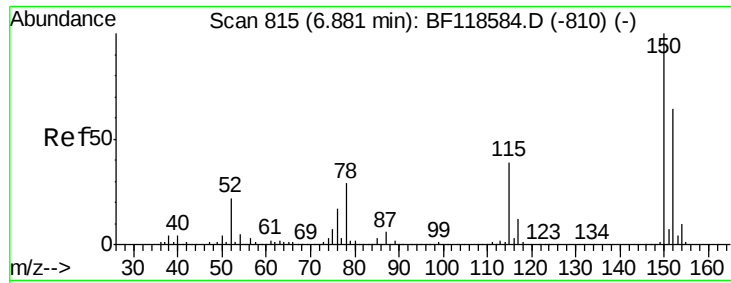
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	861811	82.162	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	609848	44.206	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	613173	43.520	ng	99
46) 1,1'-Biphenyl	9.31	154	2039677	44.541	ng	99
47) 2-Chloronaphthalene	9.33	162	1652213	42.806	ng	99
48) 2-Nitroaniline	9.42	65	457199	38.534	ng	98
49) Acenaphthylene	9.75	152	2526639	46.532	ng	99
50) Dimethylphthalate	9.61	163	2309376	53.348	ng	98
51) 2,6-Dinitrotoluene	9.67	165	459175	47.369	ng	92
52) Acenaphthene	9.92	154	1696523	46.725	ng	99
53) 3-Nitroaniline	9.83	138	229564	20.740	ng	94
54) 2,4-Dinitrophenol	9.95	184	390007	100.779	ng	97
55) Dibenzofuran	10.09	168	2274655	45.207	ng	99
56) 4-Nitrophenol	10.00	139	729645	87.321	ng	97
57) 2,4-Dinitrotoluene	10.07	165	598750	48.997	ng	97
58) Fluorene	10.44	166	1699641	43.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	531983	42.928	ng	100
60) Diethylphthalate	10.31	149	1829442	43.588	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	898095	41.803	ng	96
62) 4-Nitroaniline	10.45	138	421555	37.129	ng	99
63) Azobenzene	10.59	77	1638178	40.301	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	306025	58.325	ng	90
66) n-Nitrosodiphenylamine	10.55	169	1585509	44.061	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	626083	42.470	ng	98
68) Hexachlorobenzene	10.99	284	702448	42.029	ng	99
69) Atrazine	11.07	200	562021	45.061	ng	98
70) Pentachlorophenol	11.18	266	731267	78.696	ng	99
71) Phenanthrene	11.40	178	2504404	43.505	ng	99
72) Anthracene	11.45	178	2605572	45.743	ng	100
73) Carbazole	11.60	167	2258132	43.220	ng	100
74) Di-n-butylphthalate	11.93	149	2649437	45.643	ng	99
75) Fluoranthene	12.58	202	2616108	43.088	ng	99
77) Benzidine	12.70	184	1207626	59.774	ng	99
78) Pyrene	12.81	202	2598033	50.610	ng	100
80) Butylbenzylphthalate	13.43	149	1094680	52.104	ng	98
81) Benzo(a)anthracene	14.00	228	2030482	44.640	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	516545	31.870	ng	99
83) Chrysene	14.03	228	1974218	45.287	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1397141	54.432	ng	99
85) Di-n-octyl phthalate	14.60	149	2231708	58.740	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2324875	61.378	ng	99
88) Benzo(b)fluoranthene	15.04	252	2125217	43.009	ng	100
89) Benzo(k)fluoranthene	15.07	252	1755971	38.357	ng	100
90) Benzo(a)pyrene	15.40	252	1772883	41.592	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1923331	51.010	ng	100
92) Benzo(g,h,i)perylene	17.37	276	1979630	54.074	ng	99

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



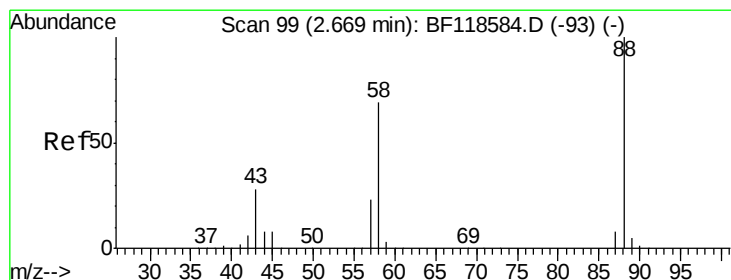
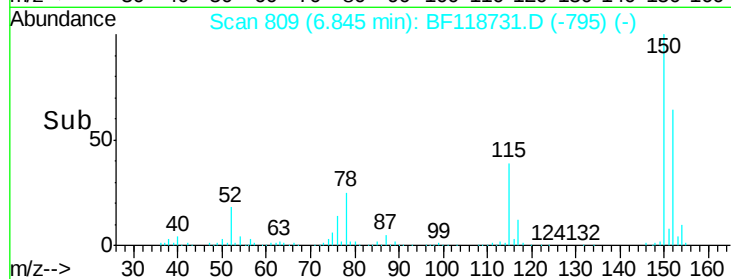
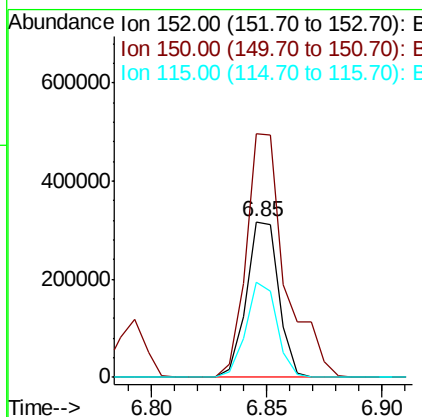
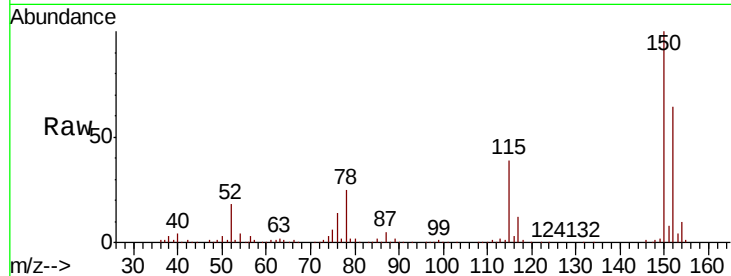
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	61.0	45.1	67.7

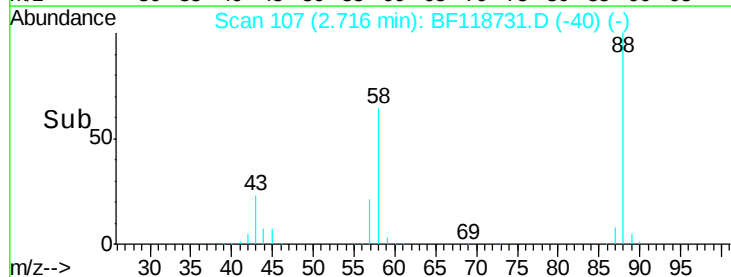
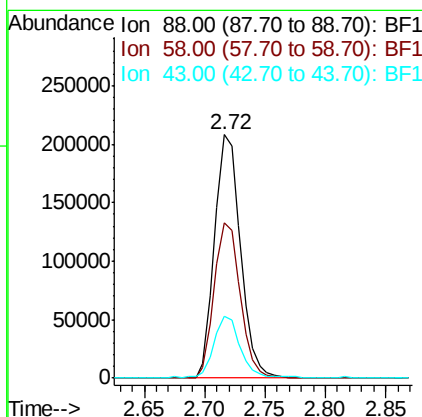
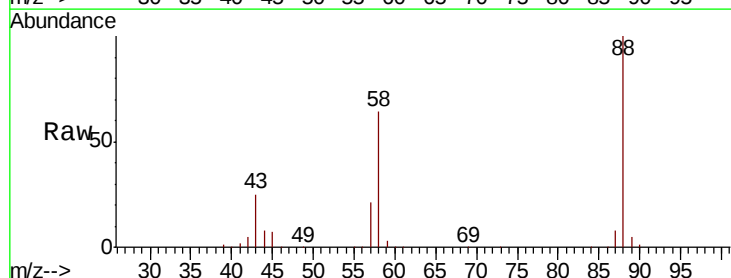
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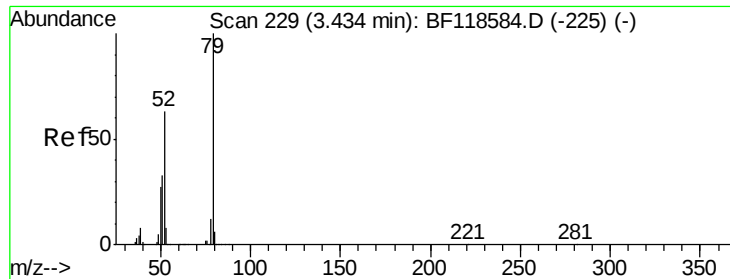
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#2
 1,4-Dioxane
 Concen: 38.008 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.09 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	51.9	77.9
43	24.7	19.3	28.9





#3

Pvridine

Concen: 34.770 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.09 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

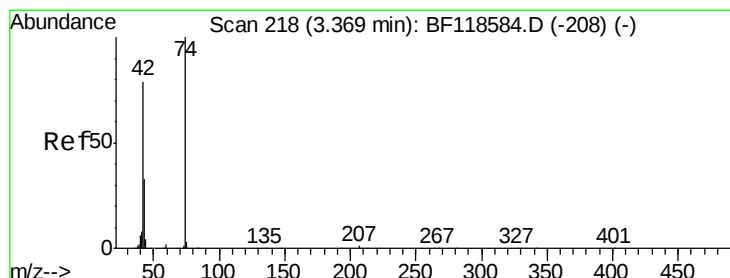
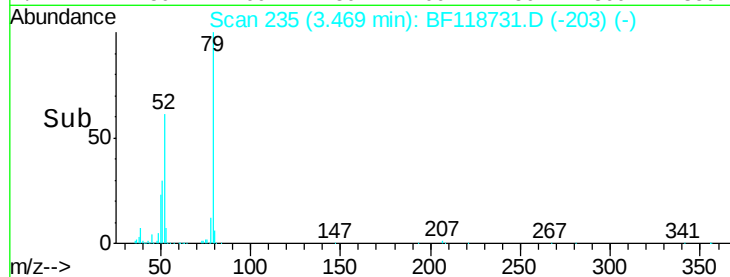
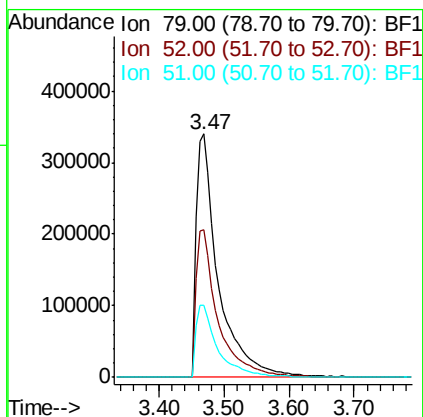
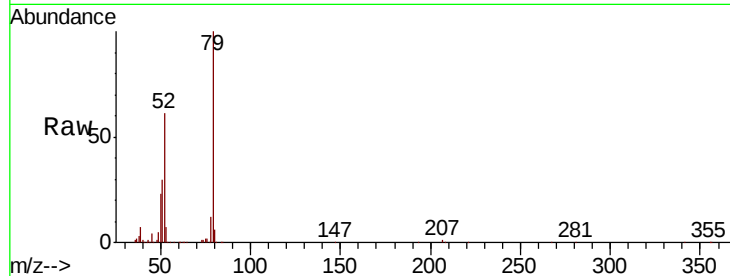
ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:	79	Resp:	794425
Ion	Ratio	Lower	Upper
79	100		
52	60.8	48.8	73.2
51	29.6	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 35.419 ng

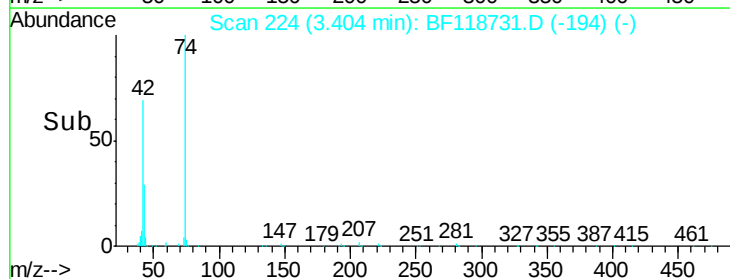
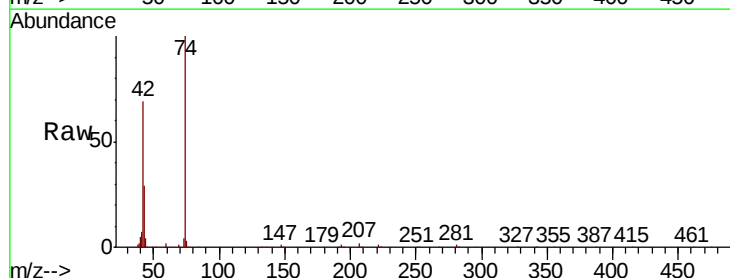
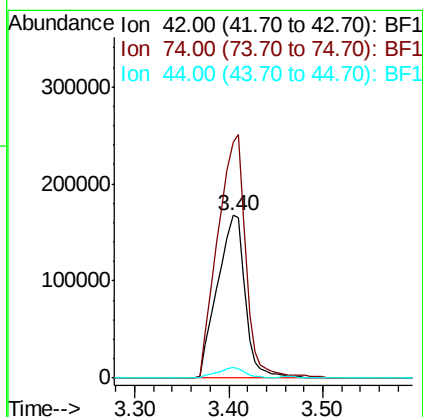
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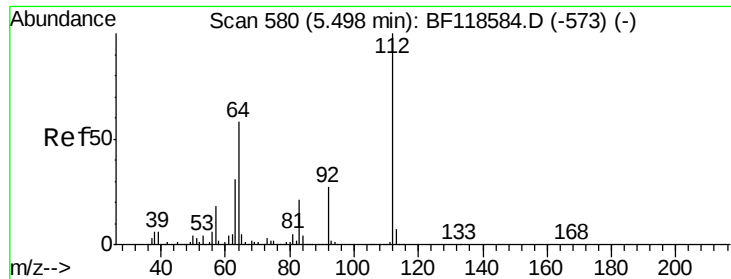
Delta R.T. 0.08 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	42	Resp:	346952
Ion	Ratio	Lower	Upper
42	100		
74	145.2	123.5	185.3
44	6.3	5.6	8.4





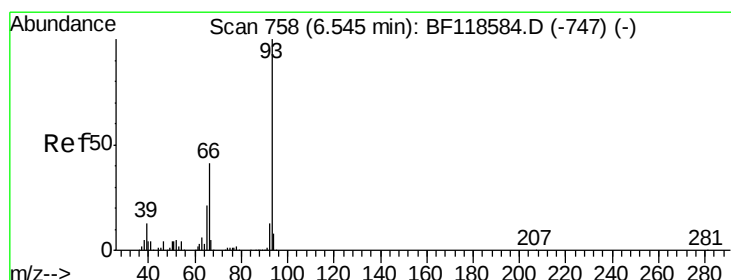
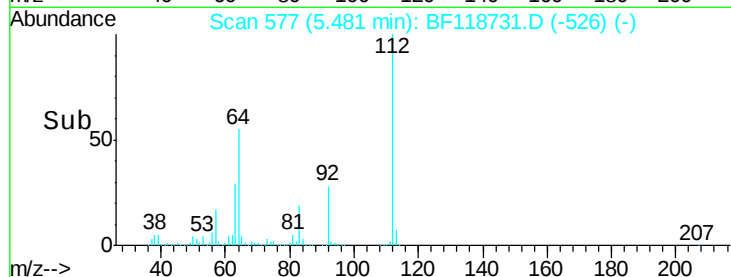
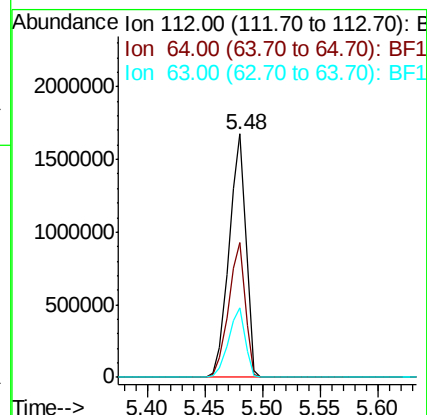
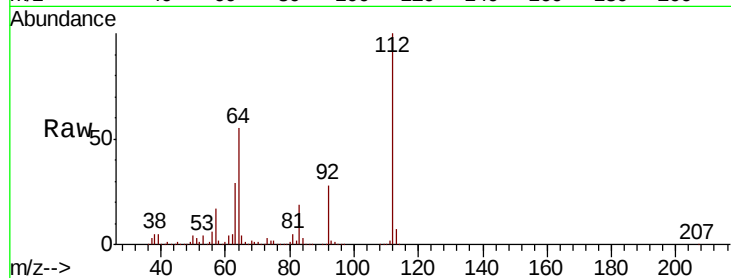
#5
2-Fluorophenol
Concen: 100.442 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

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ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.4	63.6
63	28.7	21.7	32.5

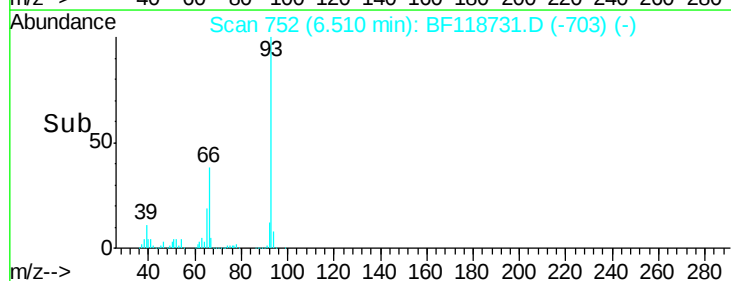
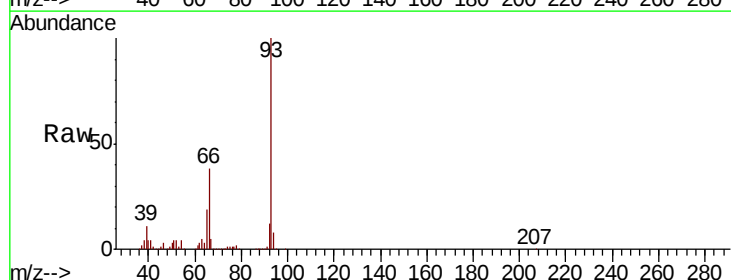
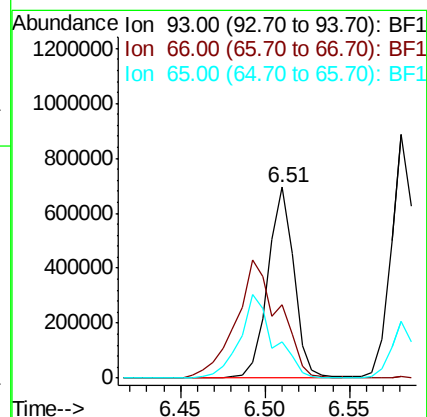
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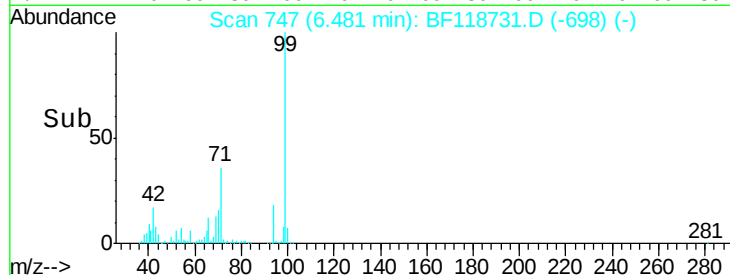
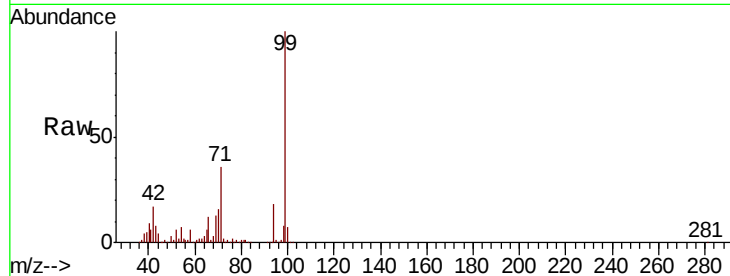
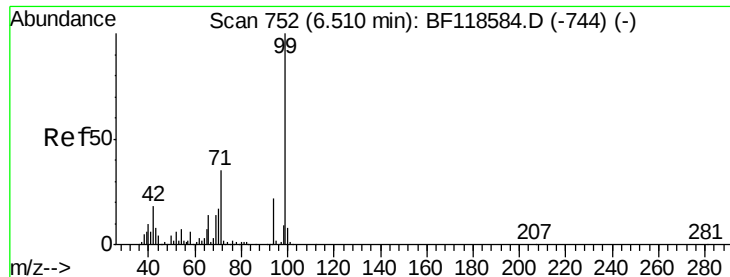
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#6
Aniline
Concen: 26.156 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.3	46.9
65	18.9	15.3	22.9





#7

Phenol-d6

Concen: 96.982 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tot Ion:	99	Resp:	2109694
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	36.4	28.4	42.6

Instrument :

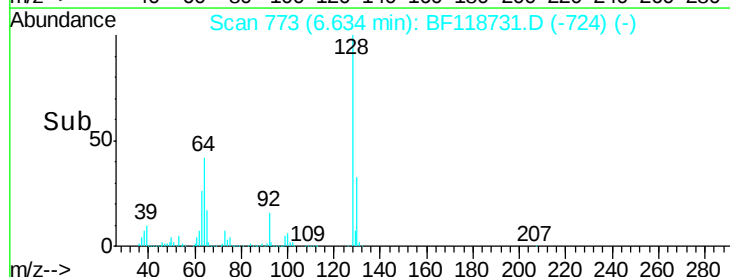
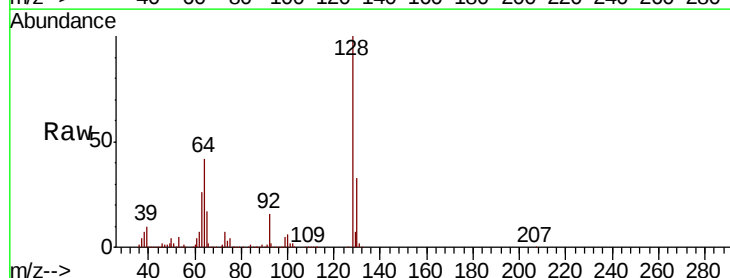
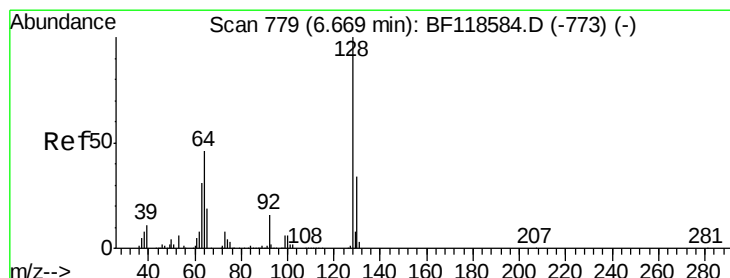
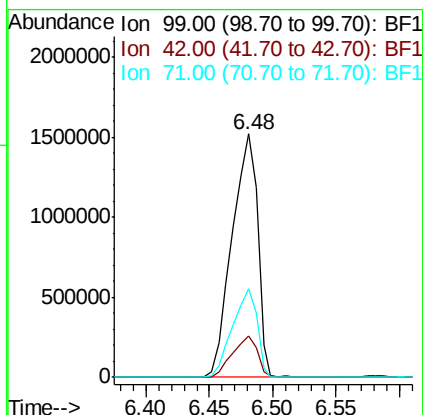
BNA_F

ClientSampleId :

TP-32-33-COMPMSD

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#8

2-Chlorophenol

Concen: 47.565 ng

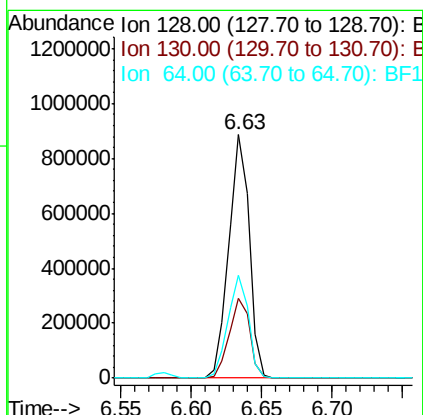
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	128	Resp:	893546
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	42.4	24.5	64.5





#9

Benzaldehyde

Concen: 32.234 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

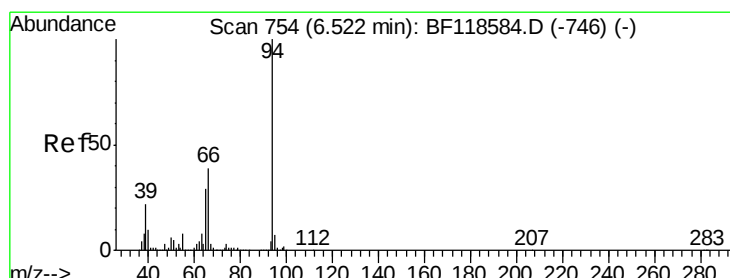
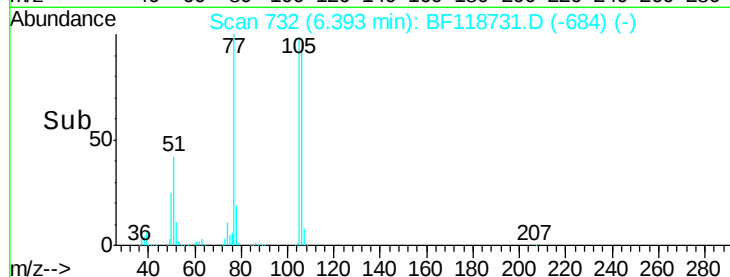
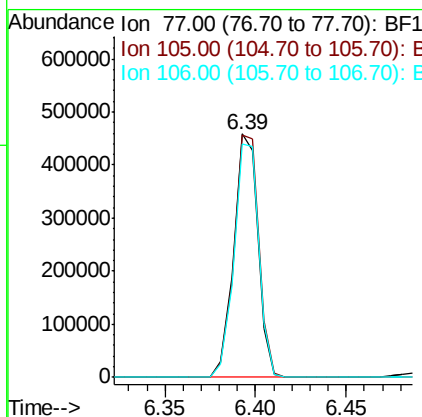
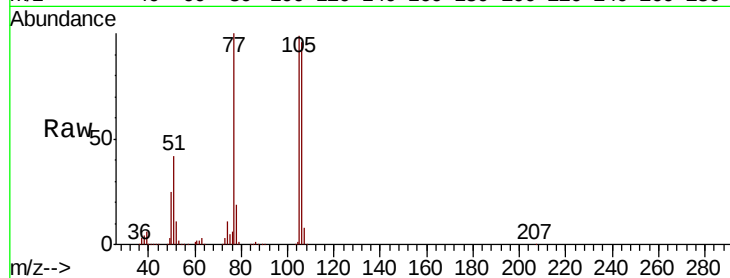
ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:	77	Resp:	426445
Ion	Ratio	Lower	Upper
77	100		
105	99.3	84.3	124.3
106	96.0	80.4	120.4

Manual Integrations
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#10

Phenol

Concen: 44.409 ng

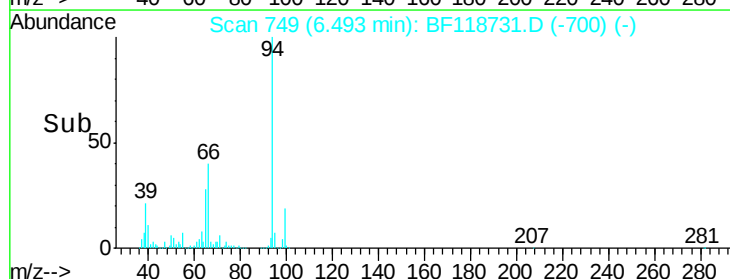
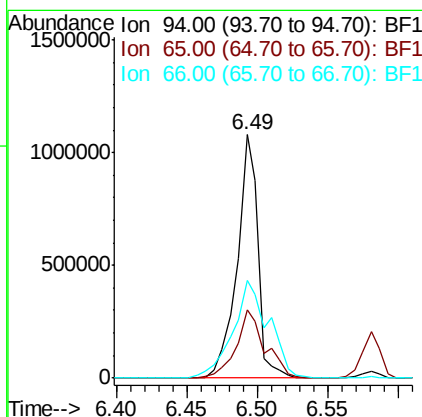
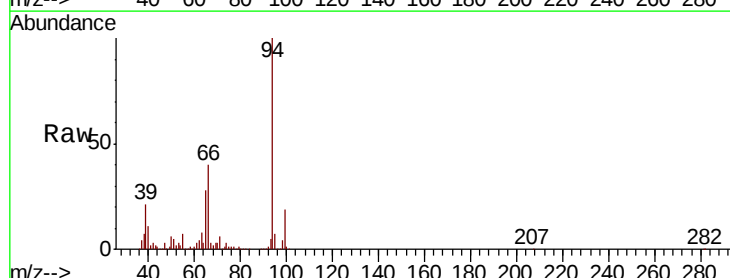
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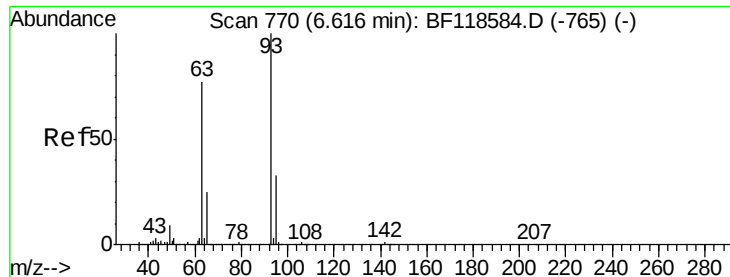
Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	94	Resp:	1100933
Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	40.0	19.1	59.1





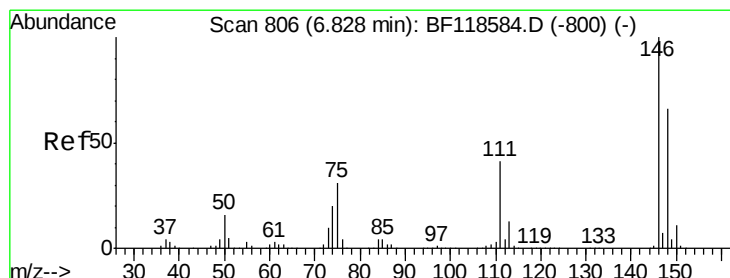
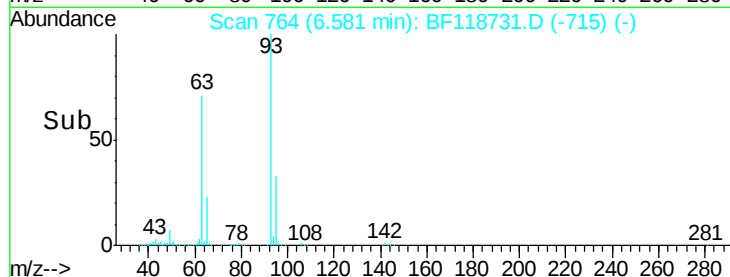
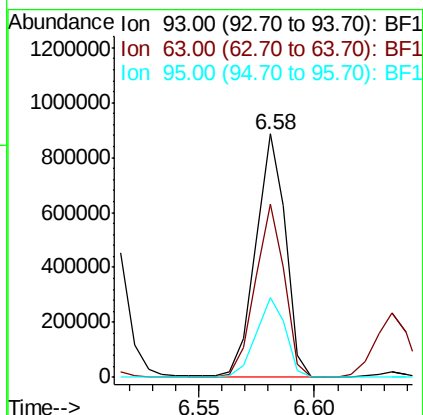
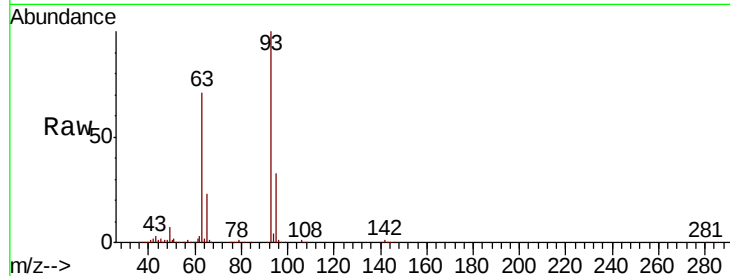
#11
bis(2-Chloroethyl)ether
Concen: 43.468 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	52.1	92.1
95	32.9	13.2	53.2

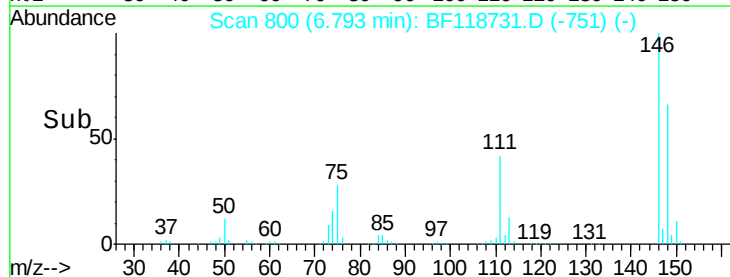
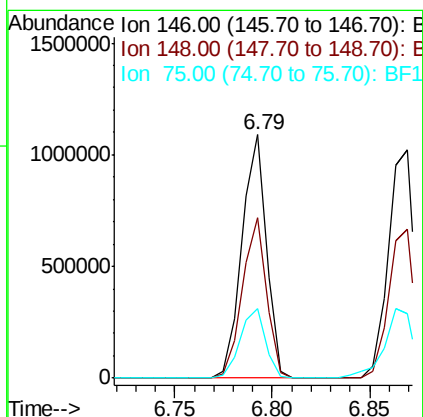
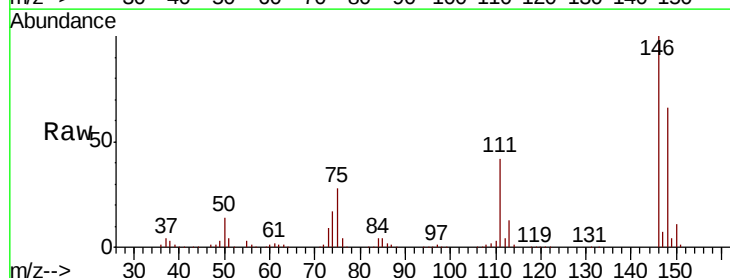
Manual Integrations
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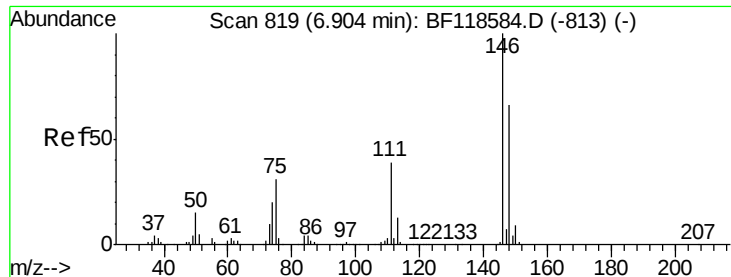
mohammad
1/30/2020 10:18:12 AM



#12
1,3-Dichlorobenzene
Concen: 43.081 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.4
75	28.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.384 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

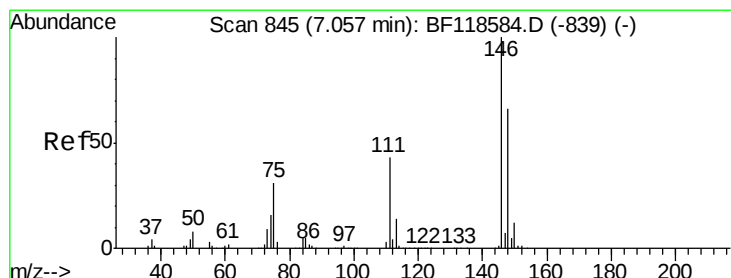
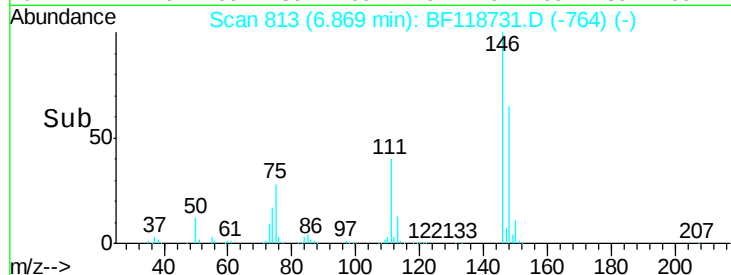
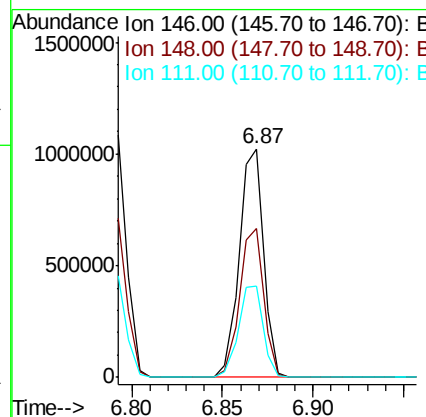
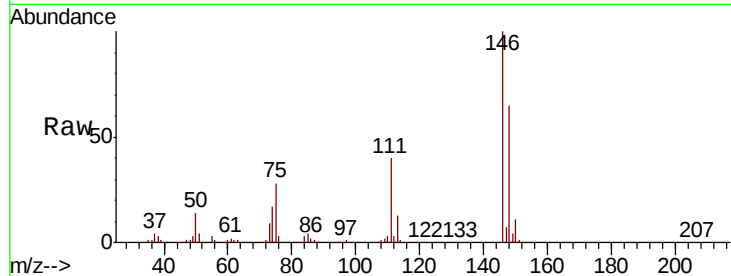
ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:	146	Resp:	957567
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.5	77.3
111	39.7	31.8	47.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.171 ng

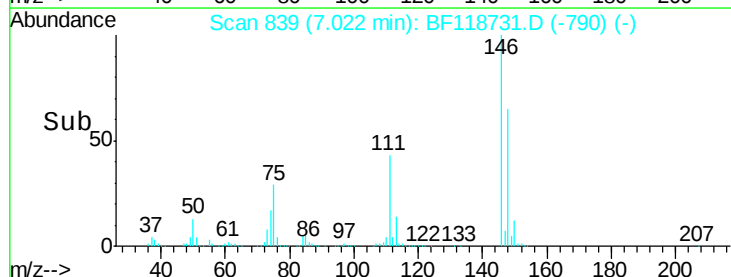
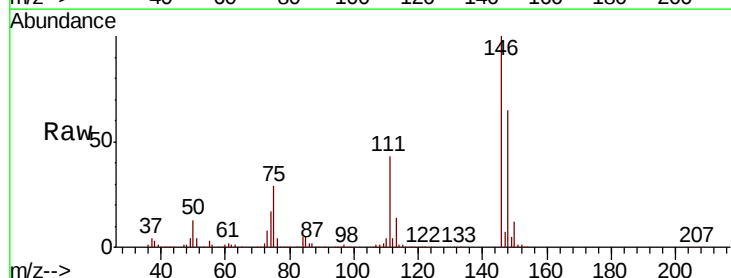
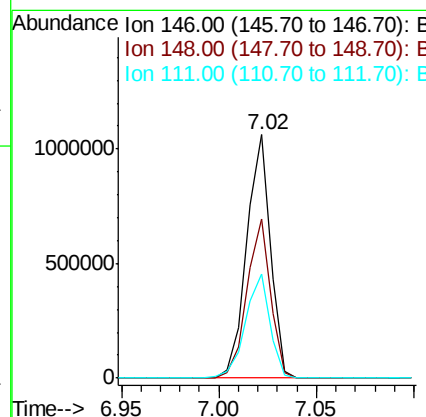
RT: 7.02 min Scan# 839

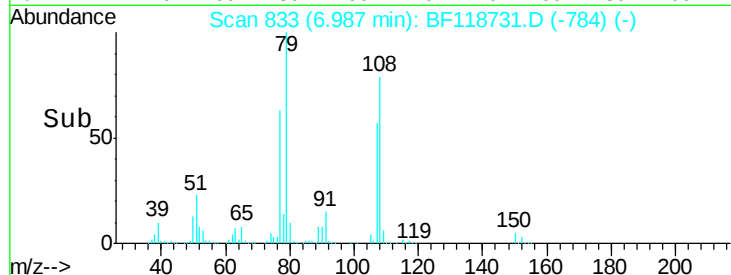
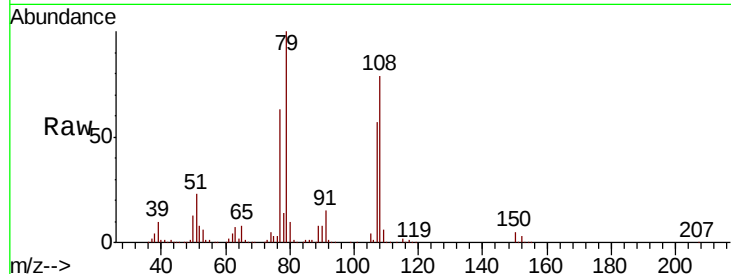
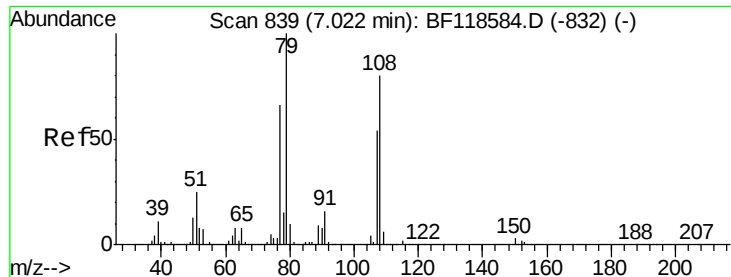
Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	146	Resp:	895758
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.7	77.5
111	42.7	35.3	52.9





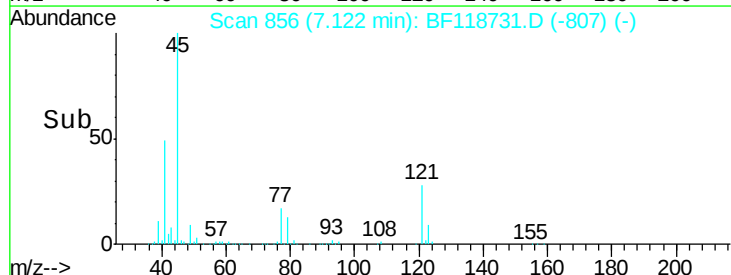
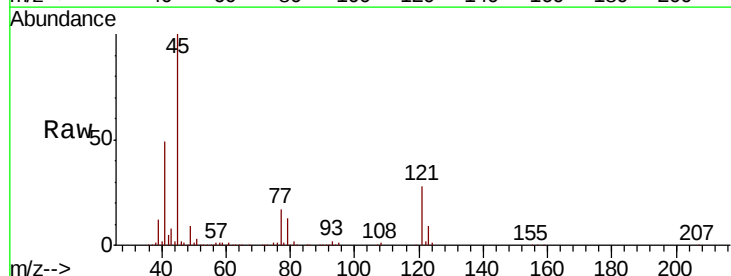
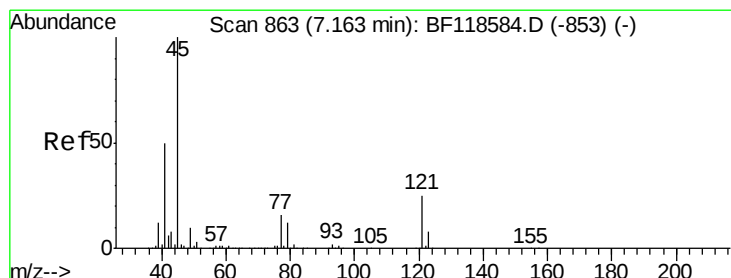
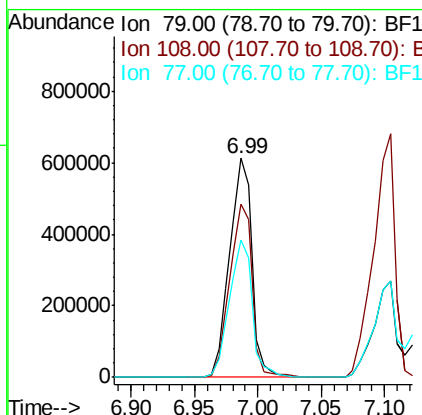
#15
Benzyl Alcohol
Concen: 43.111 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.3	63.4	95.2	
77	62.6	49.8	74.6	

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

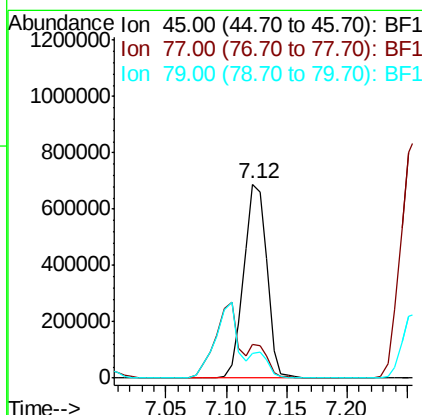
Manual Integrations
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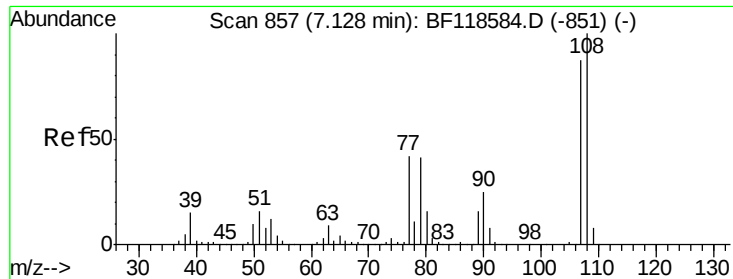
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.010 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.1	0.0	36.9	
79	13.0	0.0	32.5	





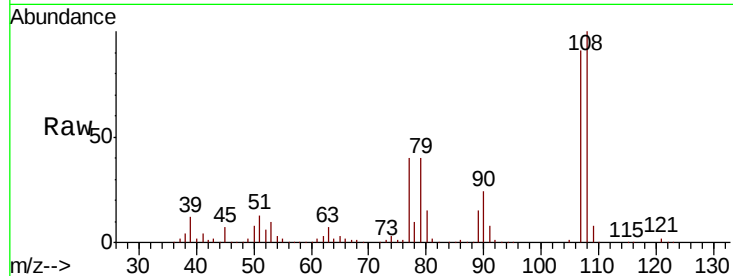
#17
2-Methylphenol
Concen: 46.102 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	88.0	132.0
77	43.9	35.3	52.9
79	43.8	35.4	53.2

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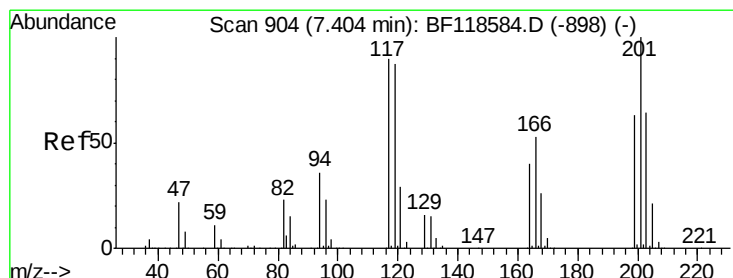
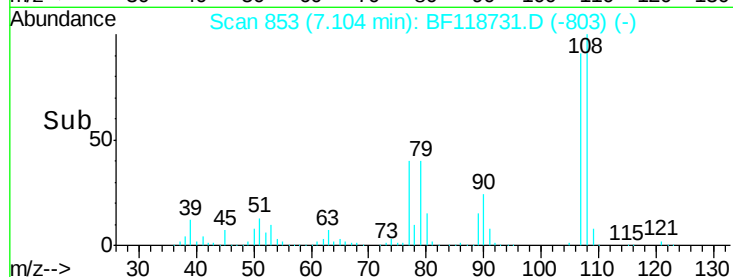
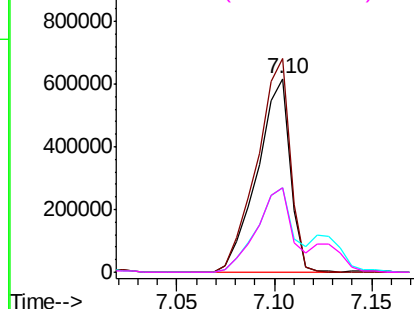
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

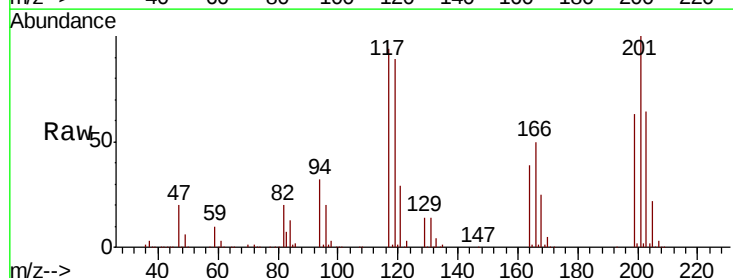
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.898 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.2	114.2
201	106.5	83.3	124.9

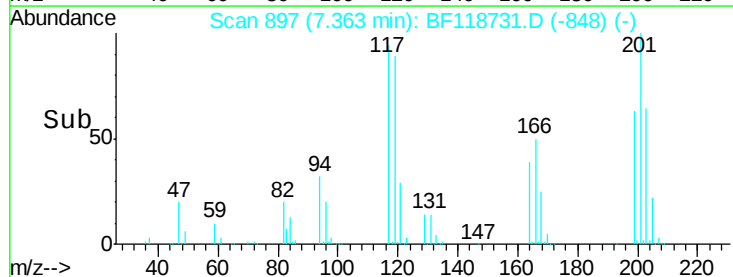
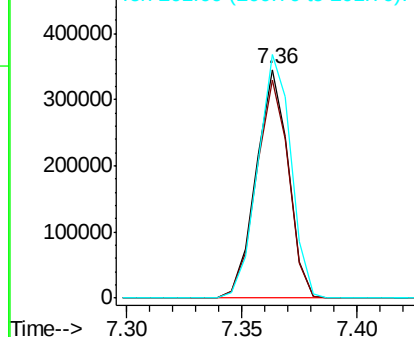


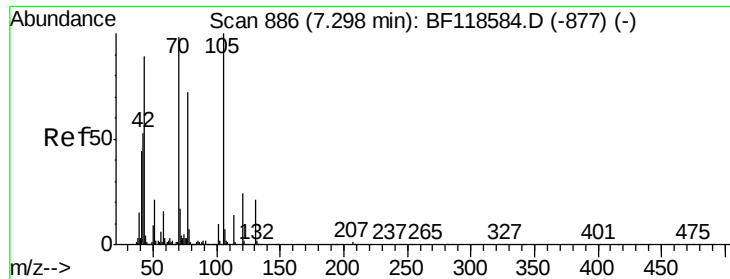
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





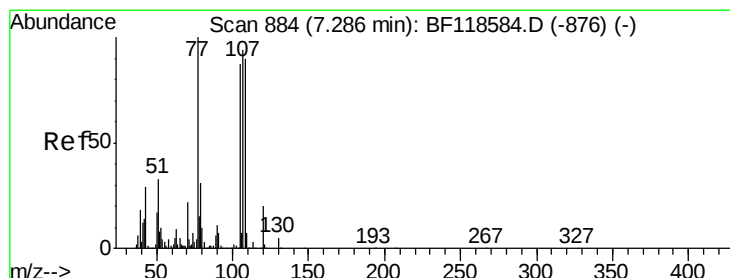
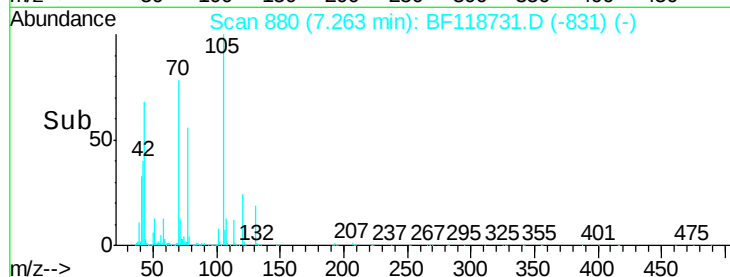
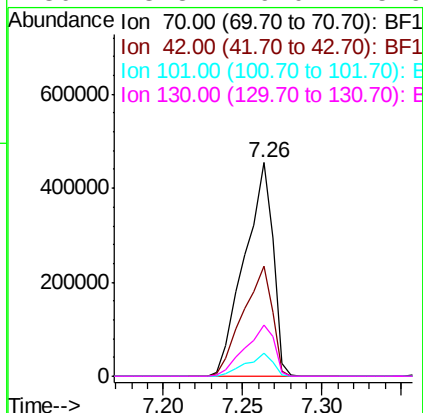
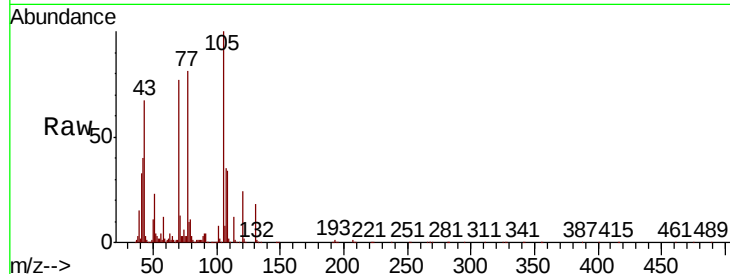
#19
n-Nitroso-di-n-propylamine
Concen: 38.769 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	41.6	62.4	
101	10.6	7.9	11.9	
130	23.8	19.0	28.6	

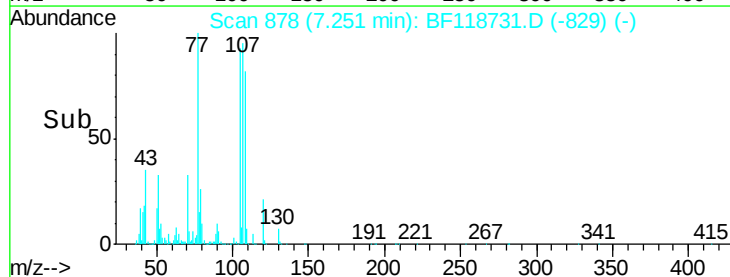
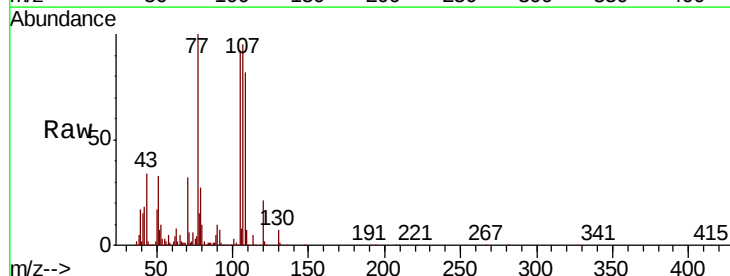
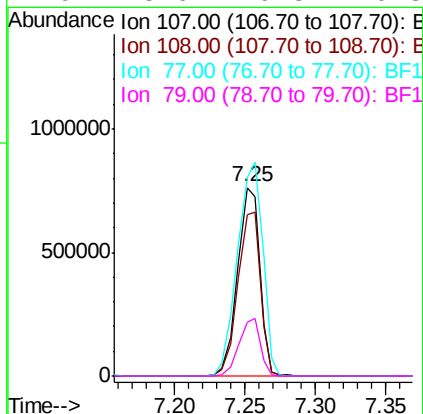
Manual Integrations
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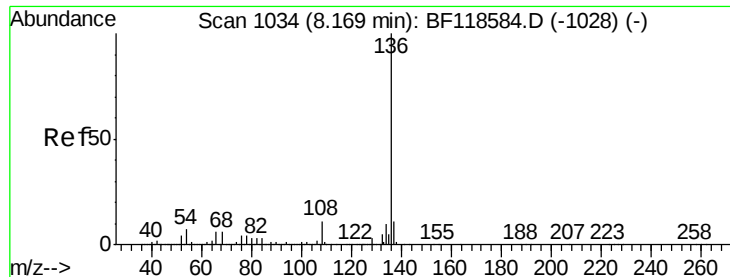
mohammad
1/30/2020 10:18:12 AM



#20
3+4-Methylphenols
Concen: 43.867 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	67.5	107.5	
77	105.1	73.6	113.6	
79	28.6	9.3	49.3	





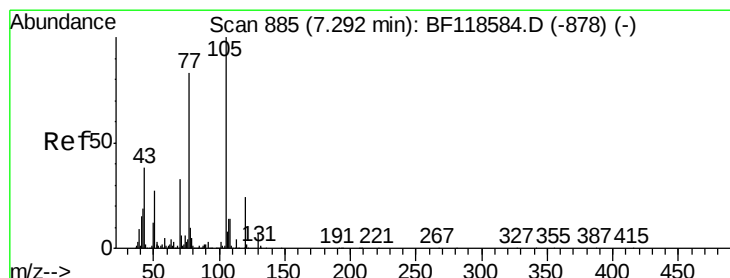
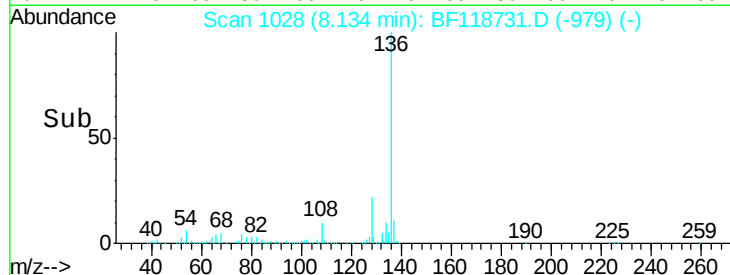
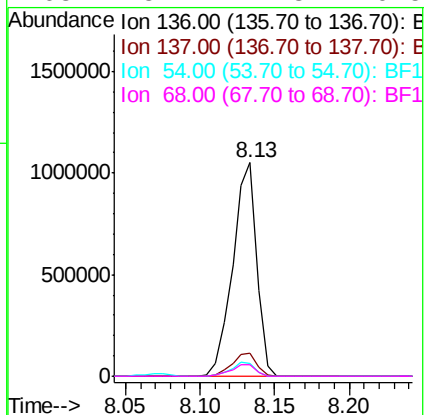
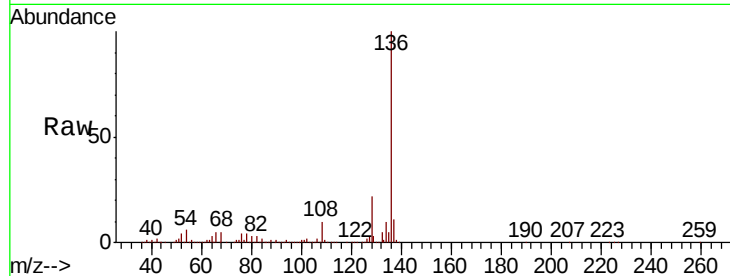
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.9	5.1	7.7
68	5.4	4.3	6.5

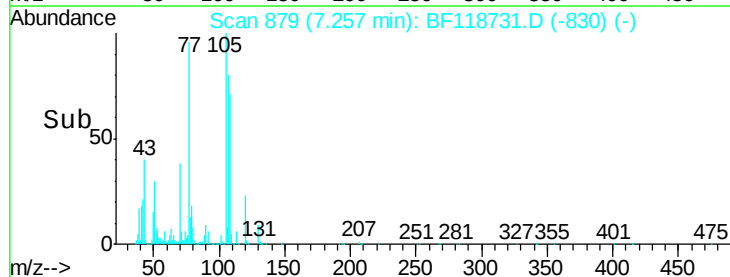
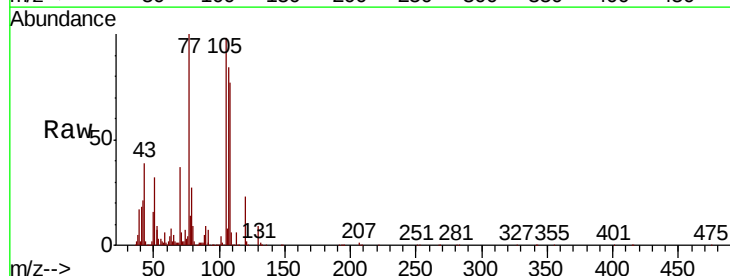
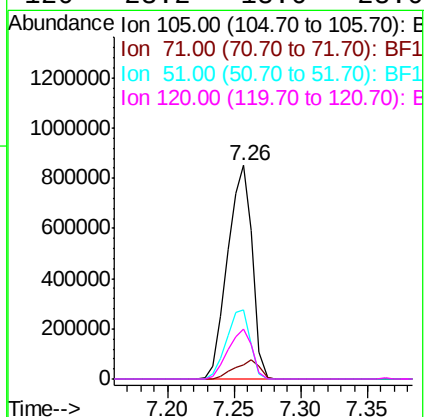
Manual Integrations
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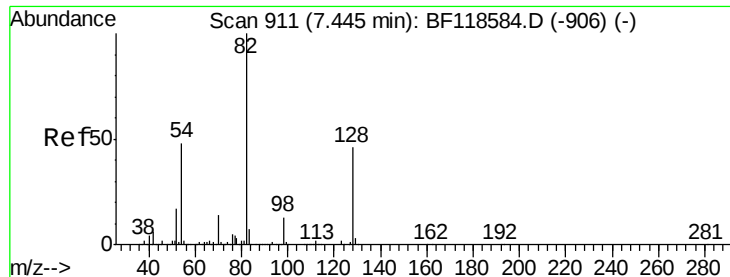
mohammad
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#22
Acetophenone
Concen: 39.279 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.3	6.5
51	32.4	23.5	35.3
120	23.2	18.6	28.0





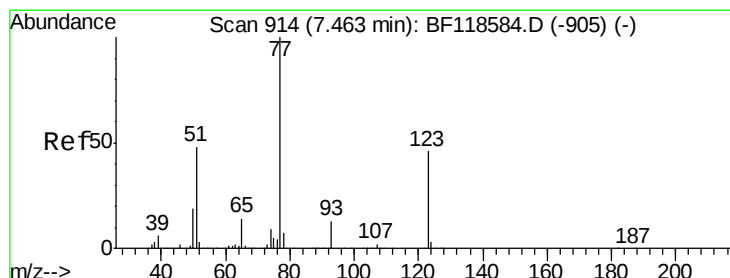
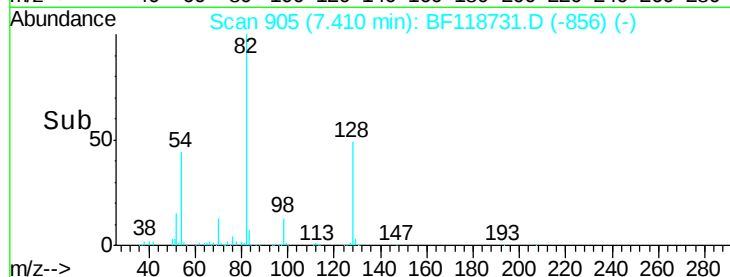
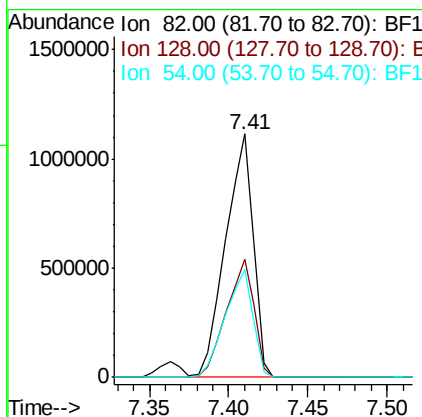
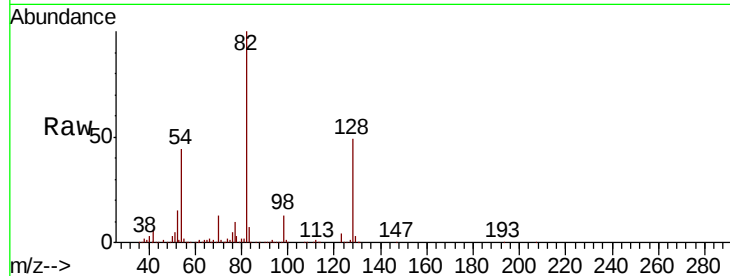
#23
 Nitrobenzene-d5
 Concen: 63.995 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMSD

Tot Ion	82	Resp	1353744
Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.2	57.2
54	44.3	36.1	54.1

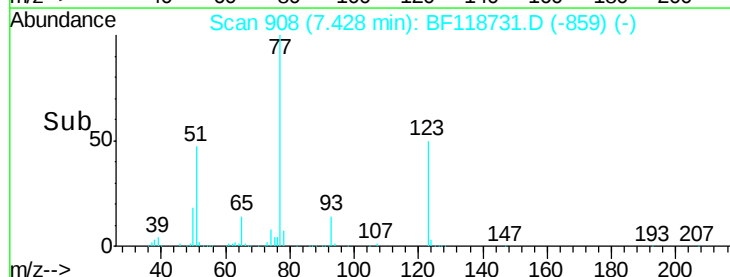
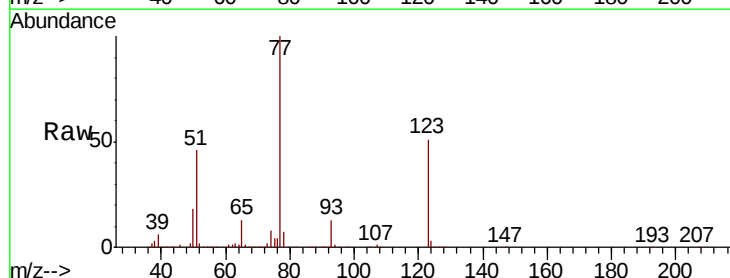
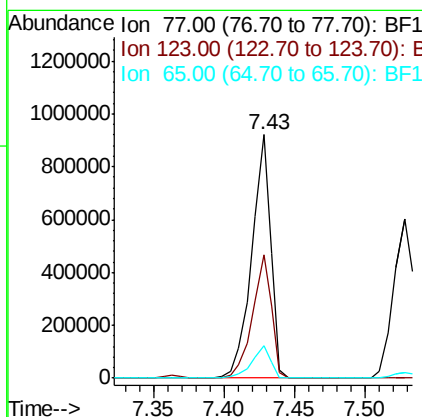
Manual Integrations
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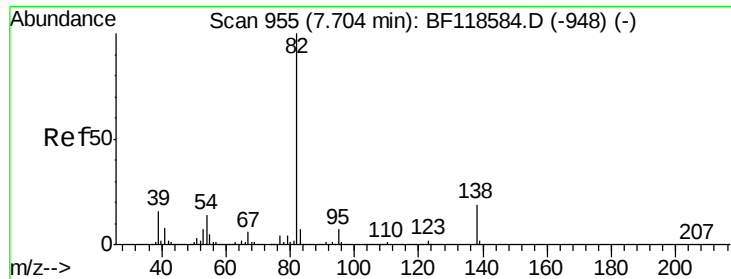
mohammad
 1/30/2020 10:18:12 AM



#24
 Nitrobenzene
 Concen: 40.258 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Tgt Ion	77	Resp	872004
Ion	Ratio	Lower	Upper
77	100		
123	50.5	39.2	58.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 41.716 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMSD

Tot Ion: 82 Resp: 1609550

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

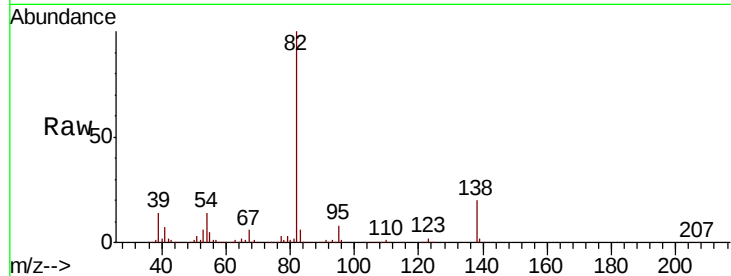
138 20.2 15.8 23.8

Manual Integrations

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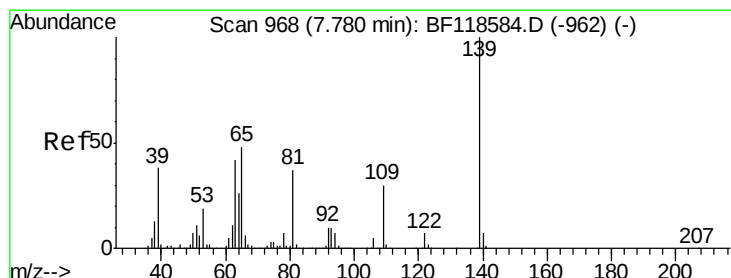
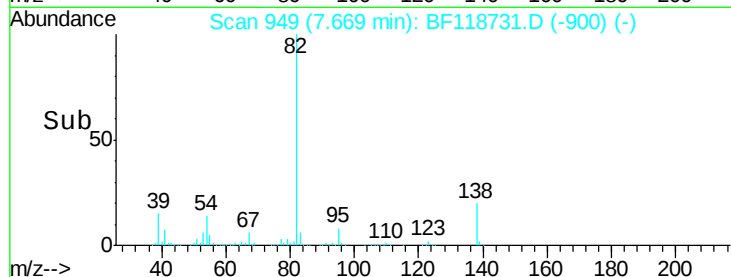
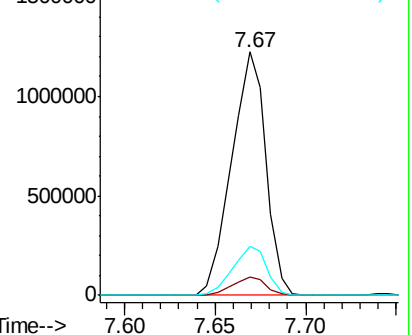
1/30/2020 10:18:12 AM



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: 52.555 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

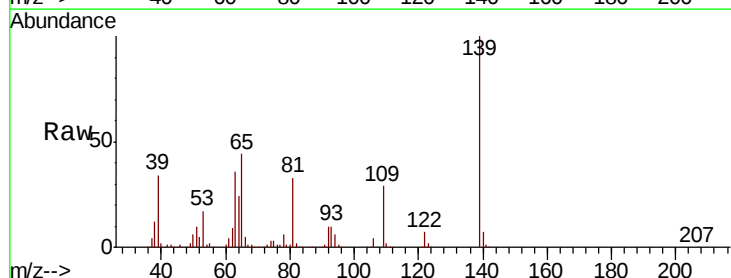
Tgt Ion: 139 Resp: 485446

Ion Ratio Lower Upper

139 100

109 28.7 23.1 34.7

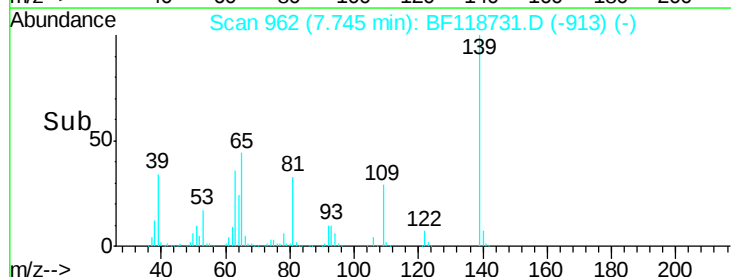
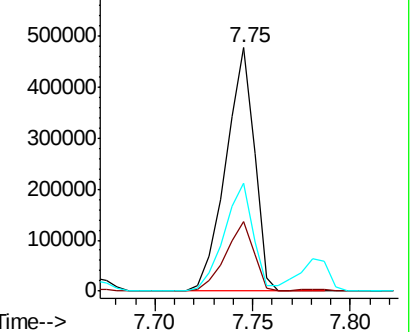
65 44.4 35.2 52.8

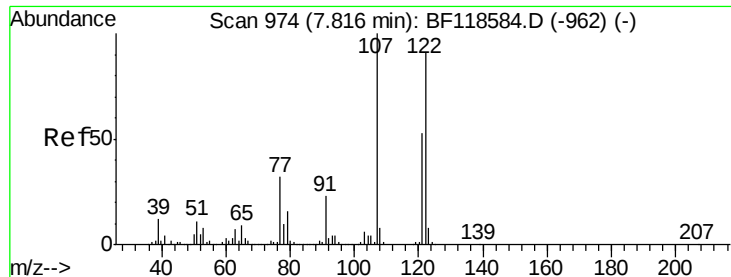


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.537 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

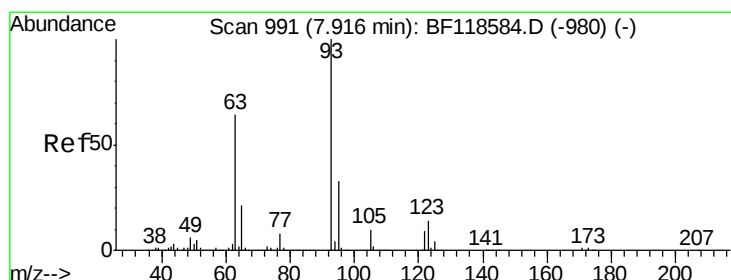
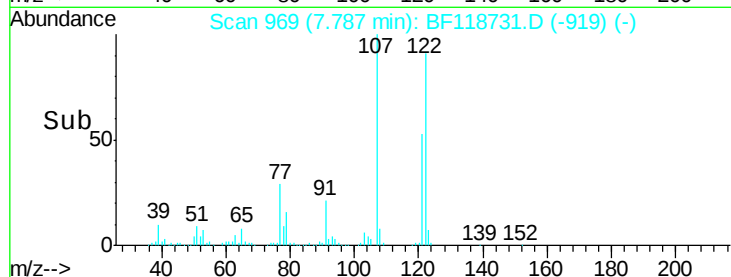
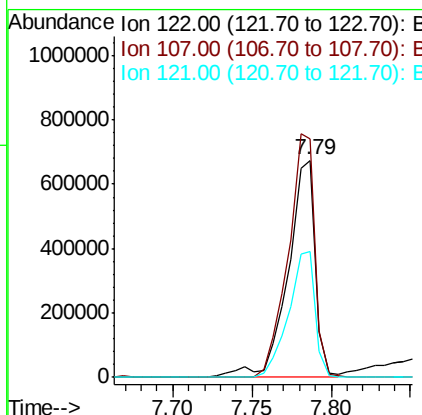
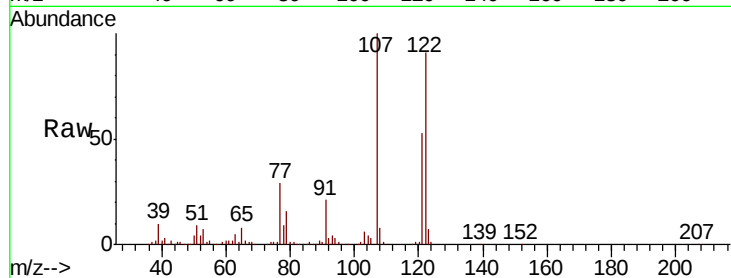
ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:	122	Resp:	806083
Ion	Ratio	Lower	Upper
122	100		
107	109.9	91.8	137.8
121	58.3	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 40.007 ng

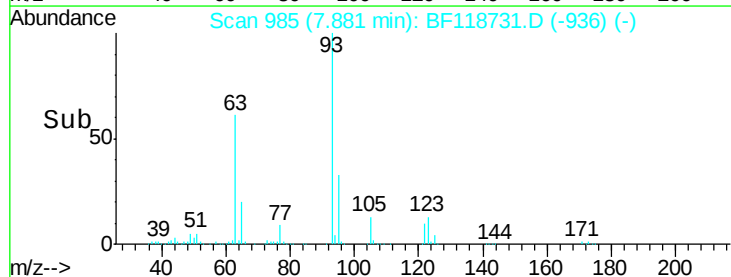
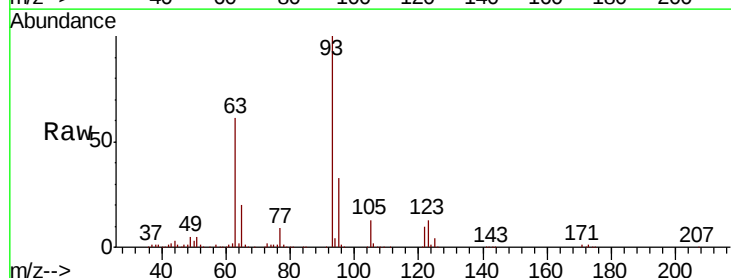
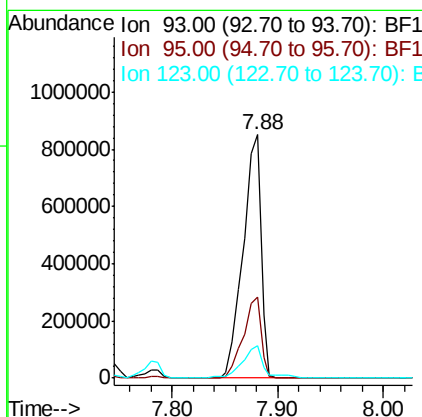
RT: 7.88 min Scan# 985

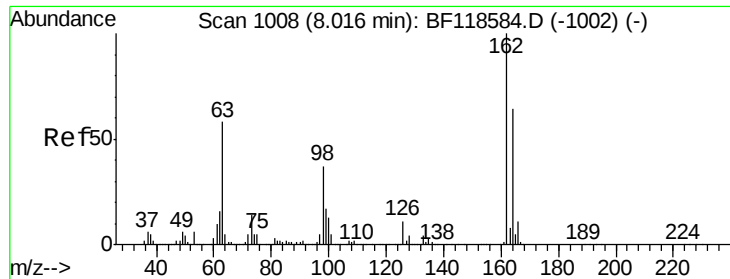
Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	93	Resp:	994617
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	13.4	10.7	16.1





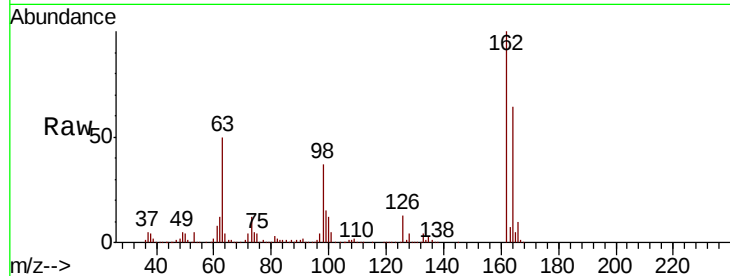
#29
2,4-Dichlorophenol
Concen: 44.382 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	36.8	15.0	55.0

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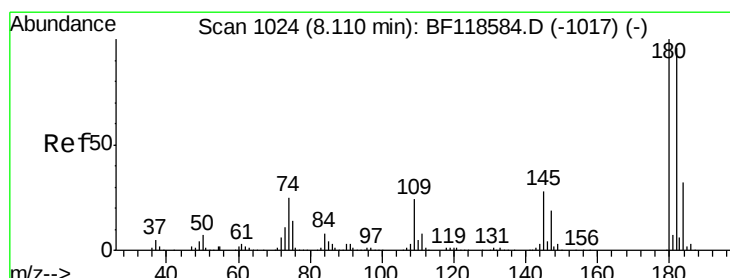
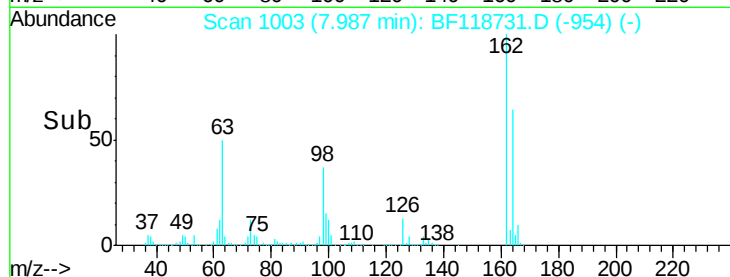
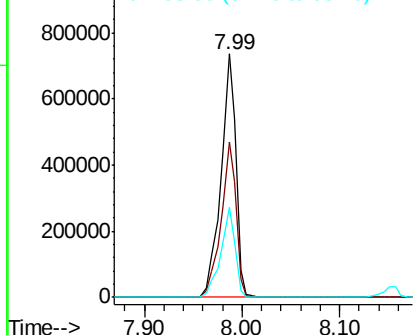


Abundance

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: 42.191 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

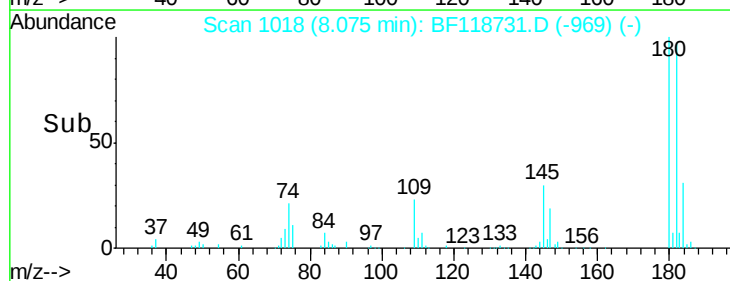
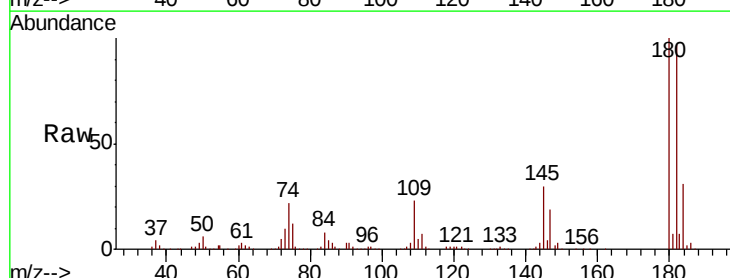
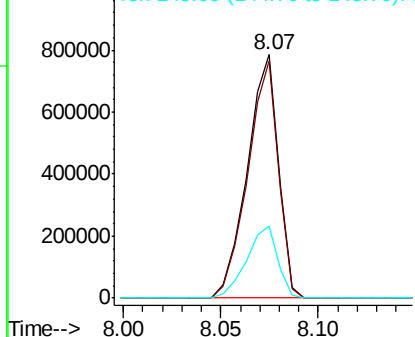
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.0	115.4
145	29.6	23.5	35.3

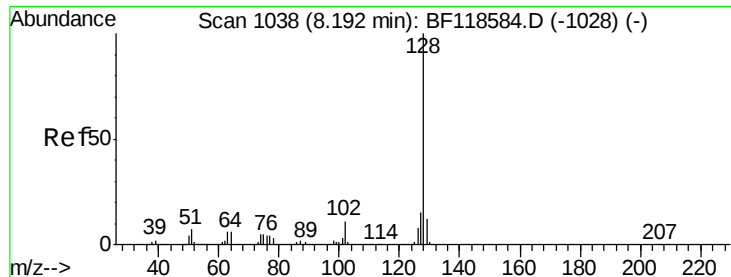
Abundance

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





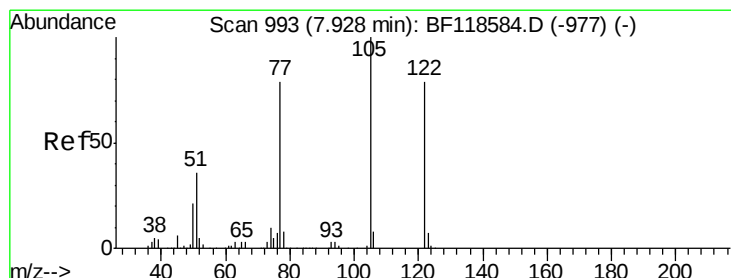
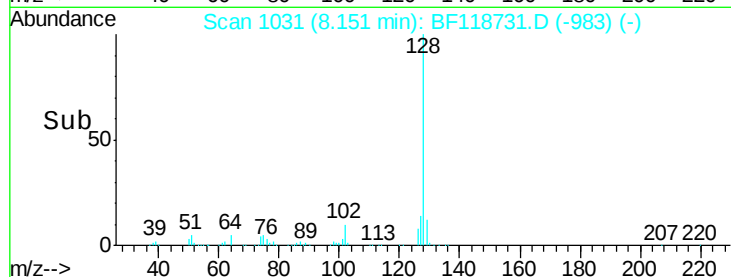
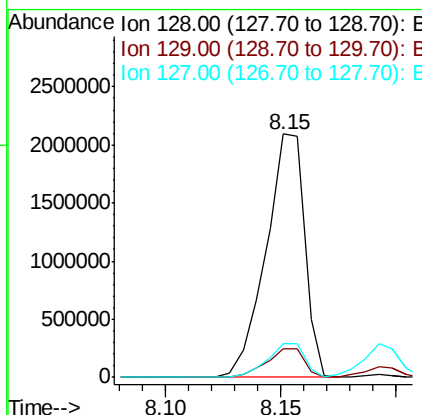
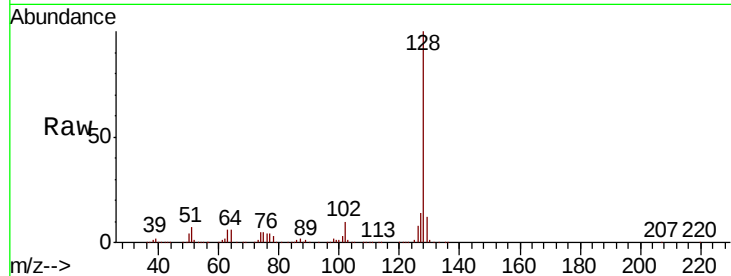
#31
Naphthalene
Concen: 45.570 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	14.0	11.3	16.9

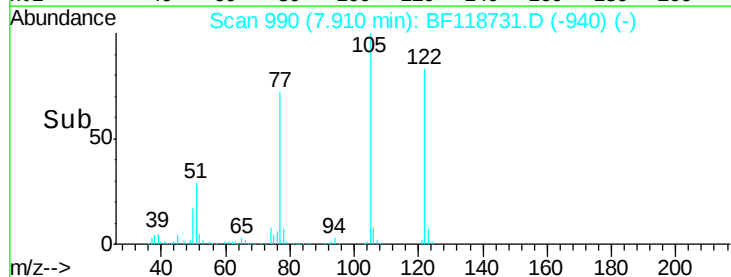
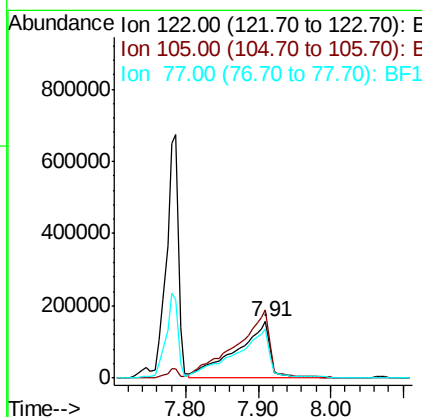
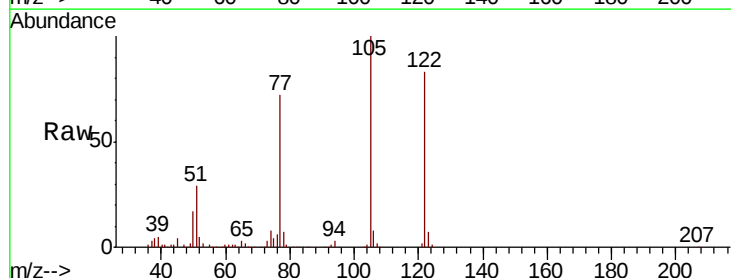
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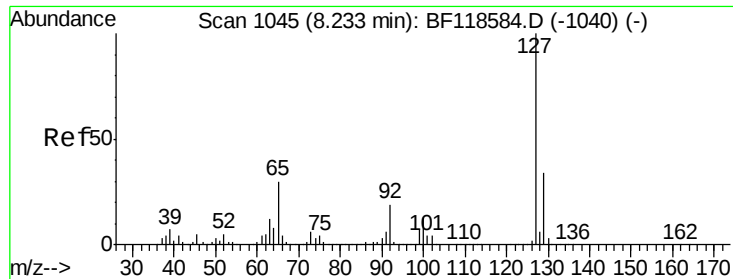
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#32
Benzoic acid
Concen: 42.011 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	100.9	140.9
77	87.0	65.1	105.1





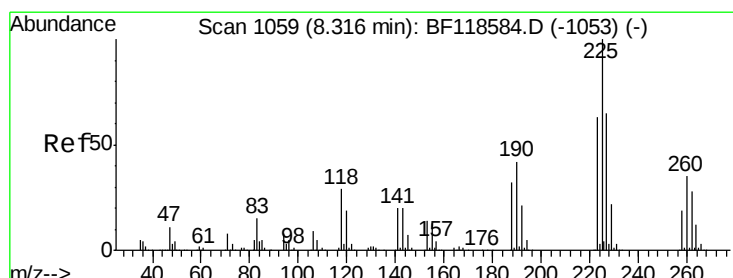
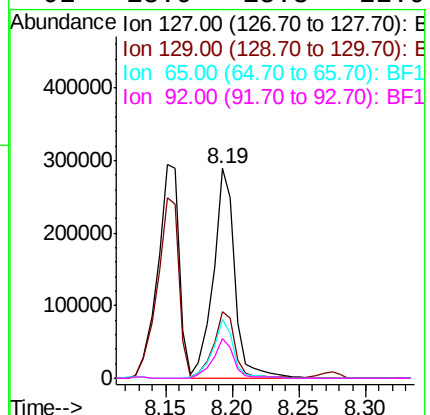
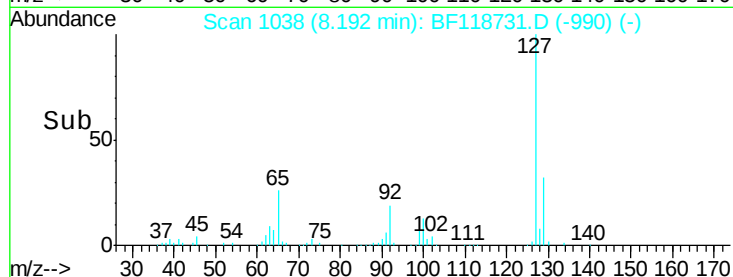
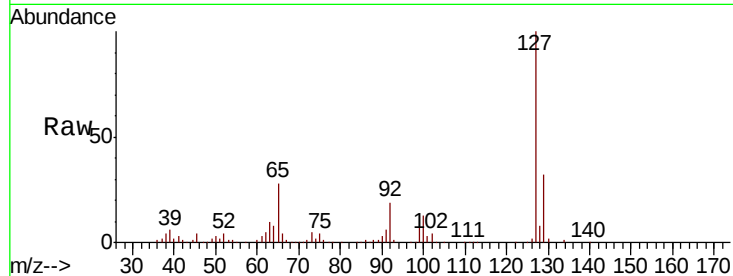
#33
4-Chloroaniline
Concen: 13.212 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.4	39.6		
65	28.2	22.6	33.8		
92	18.9	15.3	22.9		

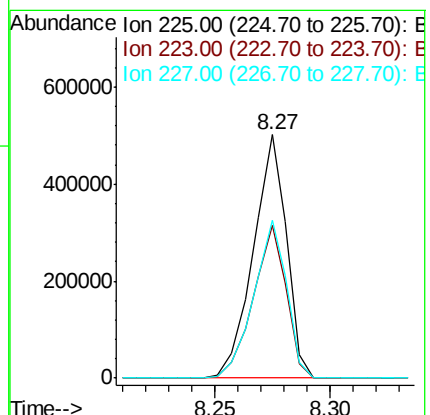
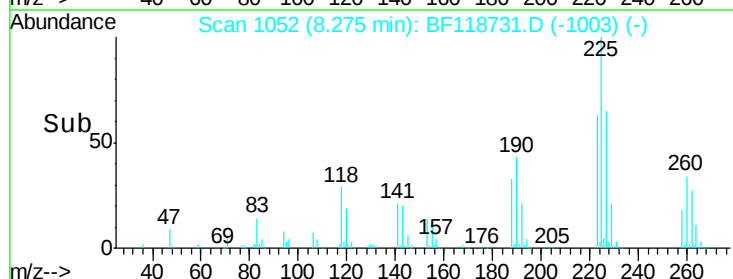
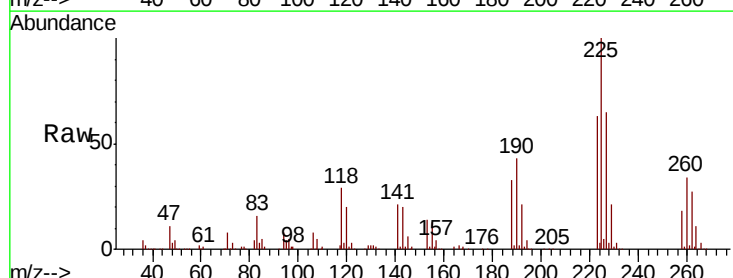
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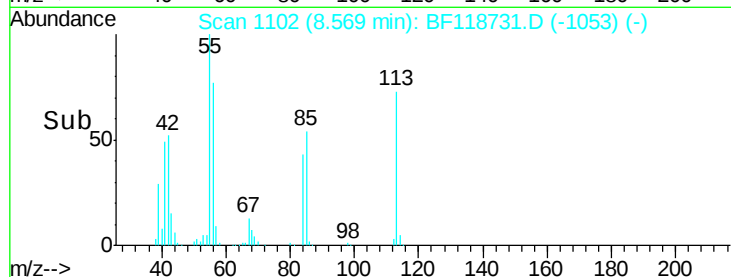
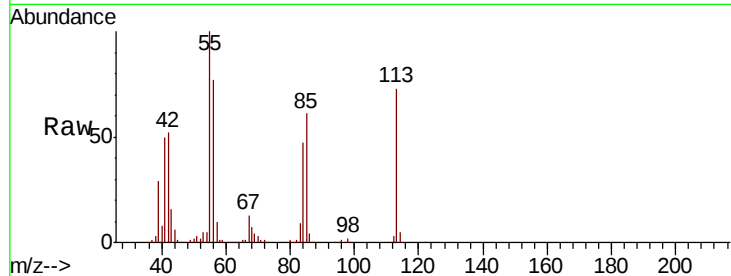
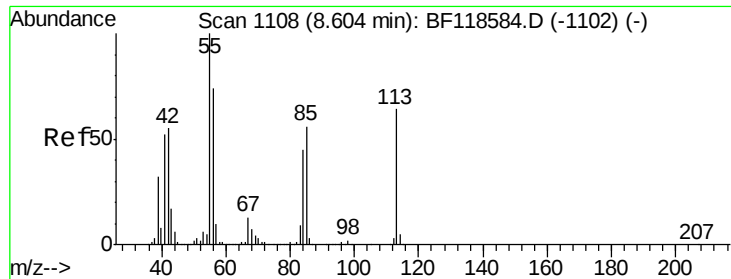
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#34
Hexachlorobutadiene
Concen: 40.342 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.3	75.5		
227	65.0	50.5	75.7		





#35

Caprolactam

Concen: 42.605 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tot Ion:	113	Resp:	245842
Ion Ratio	Lower	Upper	
113	100		
55	137.7	119.0	159.0
56	105.7	85.4	125.4

Instrument :

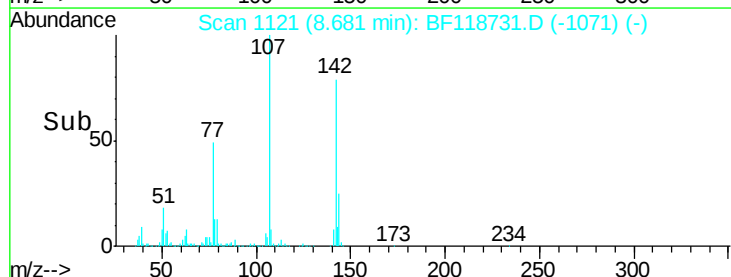
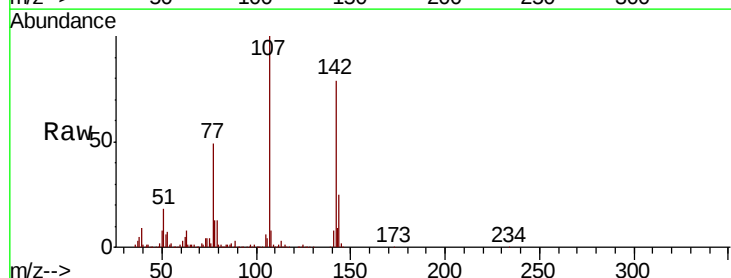
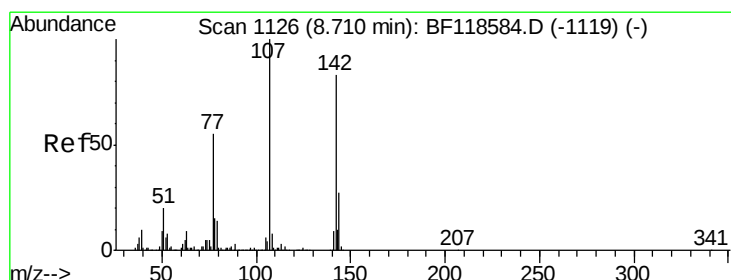
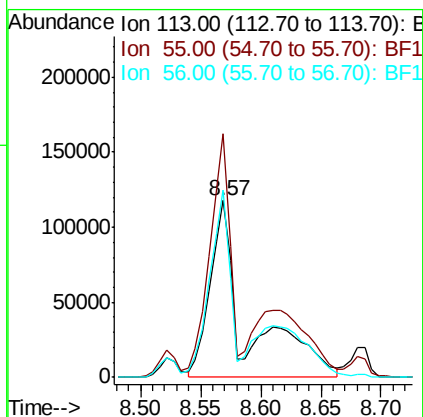
BNA_F

ClientSampleId :

TP-32-33-COMPMSD

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#36

4-Chloro-3-methylphenol

Concen: 45.392 ng/mL

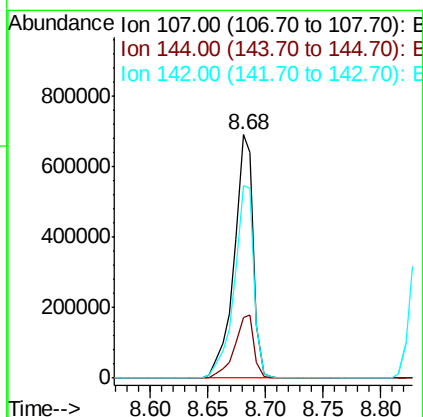
RT: 8.68 min Scan# 1121

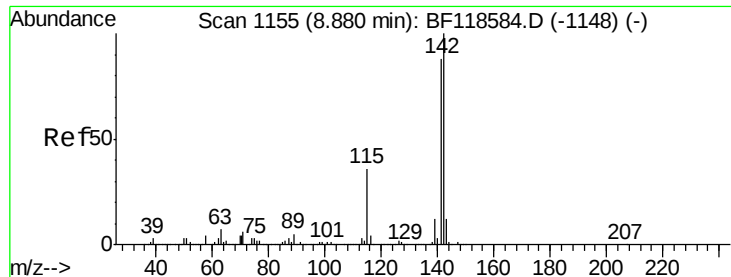
Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	107	Resp:	790363
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.9	31.3
142	79.0	64.5	96.7





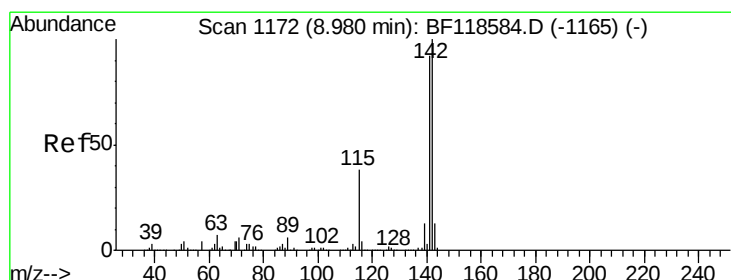
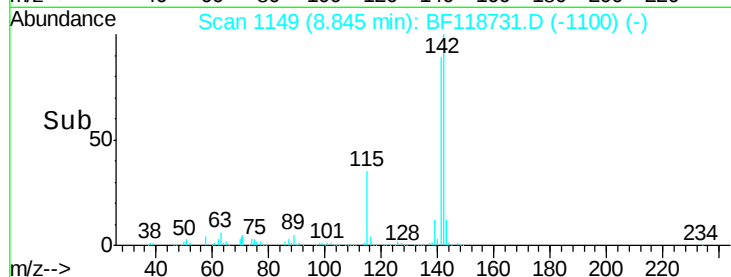
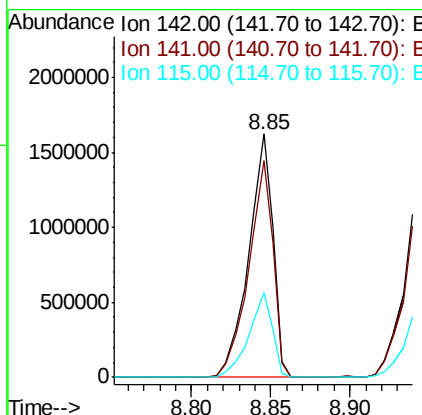
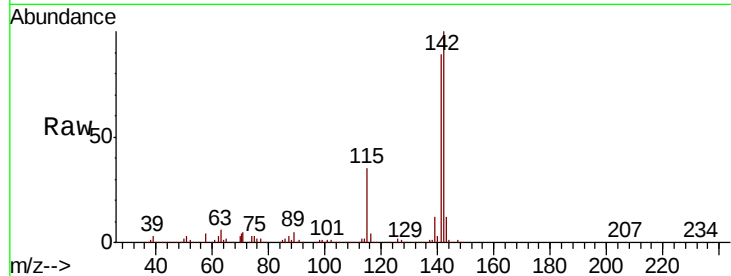
#37
2-Methylnaphthalene
Concen: 45.614 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion:142 Resp: 1720931
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0
115 34.8 27.5 41.3

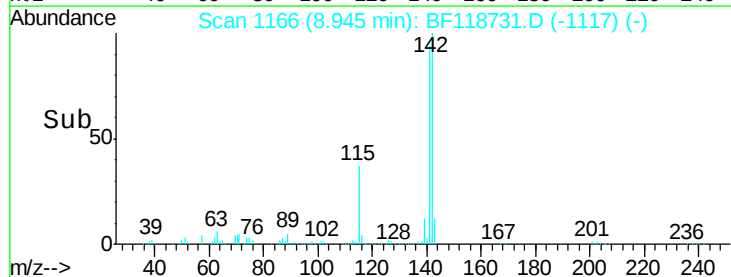
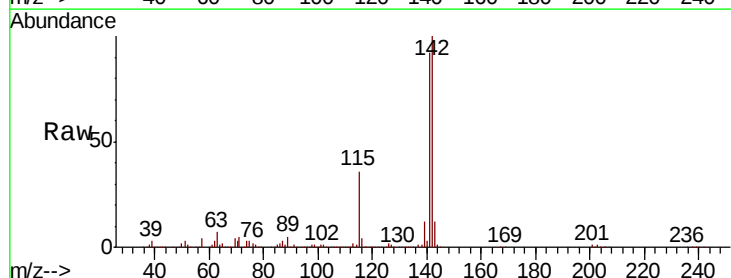
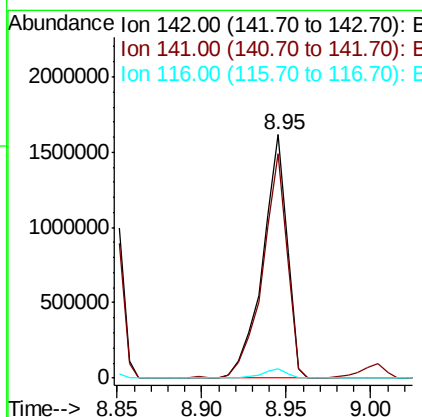
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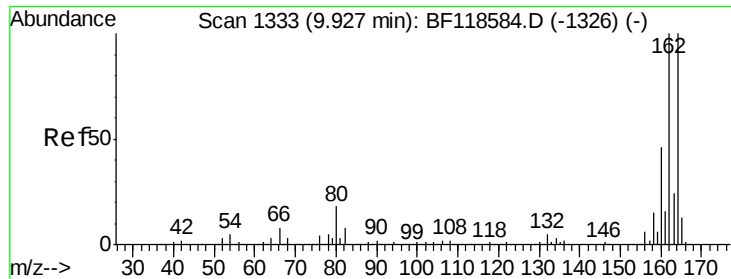
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#38
1-Methylnaphthalene
Concen: 45.038 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion:142 Resp: 1614325
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3
116 3.9 3.0 4.6





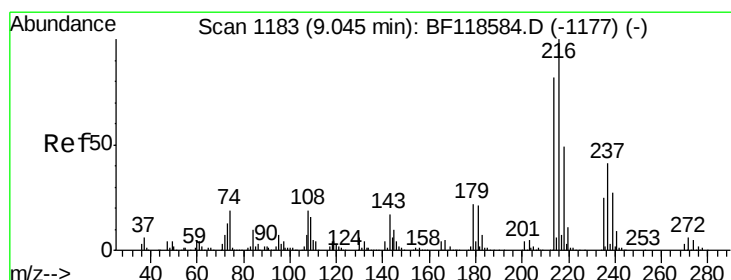
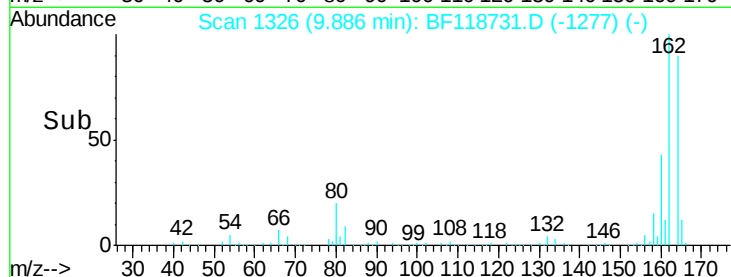
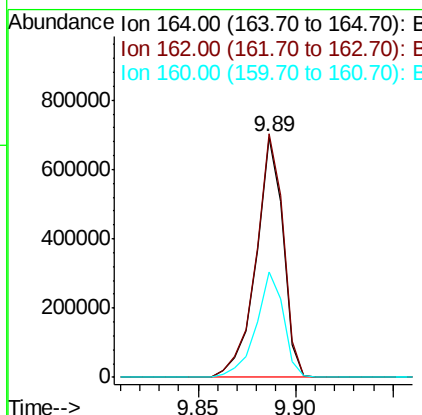
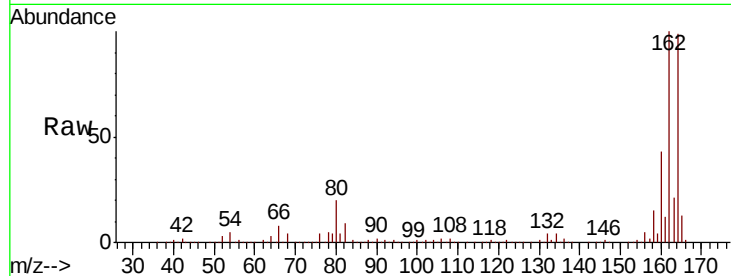
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	44.0	35.4	53.0

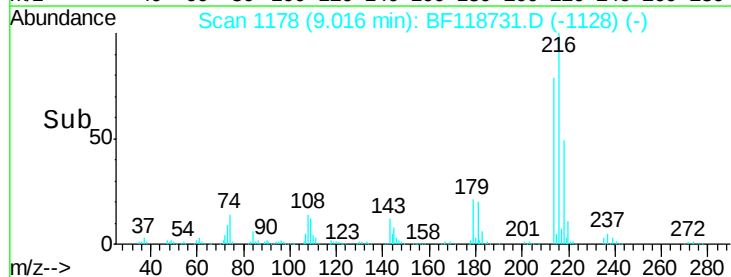
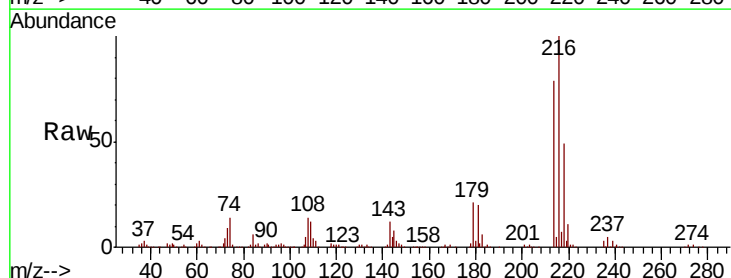
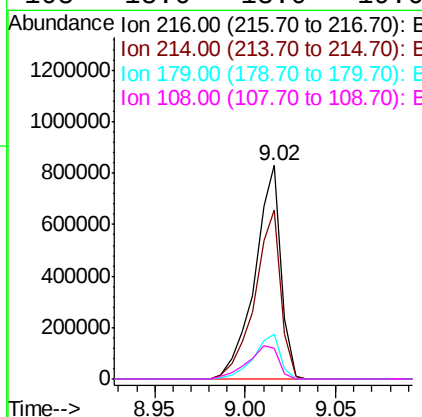
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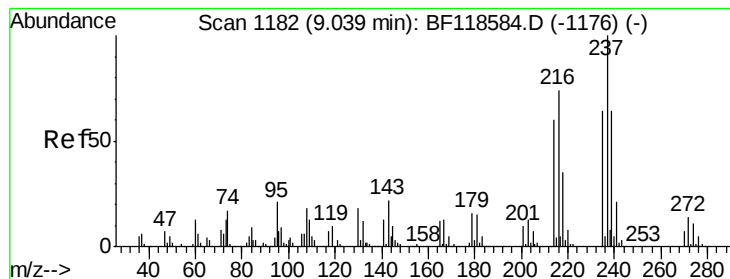
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.958 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	21.1	17.0	25.4
108	18.6	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 82.162 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

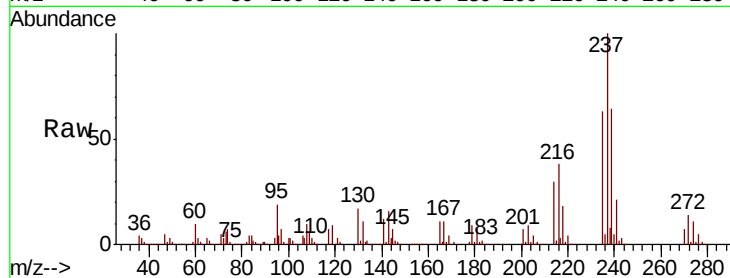
ClientSampleId :

TP-32-33-COMPMSD

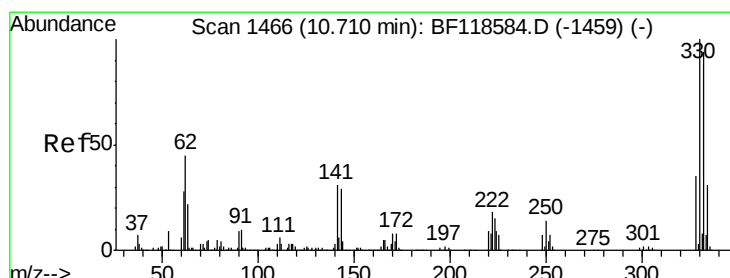
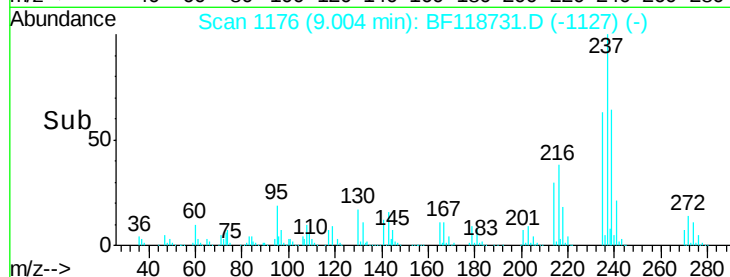
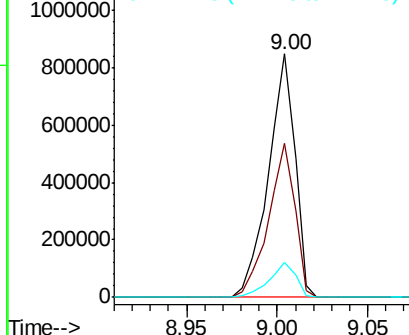
Tot Ion:	237	Resp:	861811
Ion Ratio		Lower	Upper
237	100		
235	63.5	42.7	82.7
272	14.2	0.0	34.4

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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: 98.904 ng

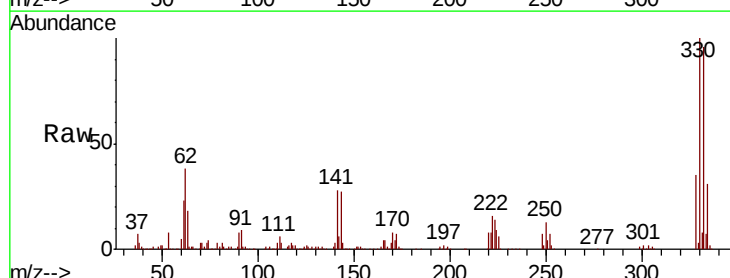
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

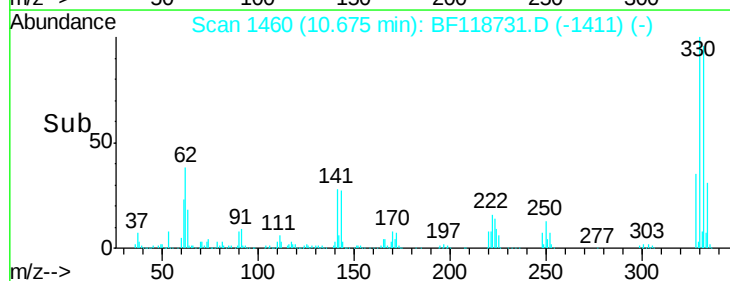
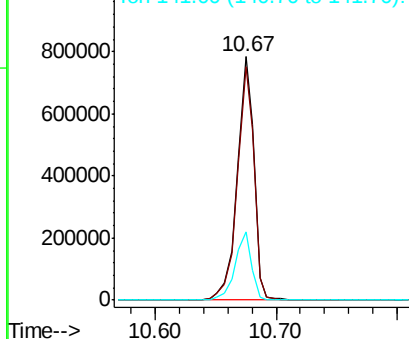
Lab File: BF118731.D

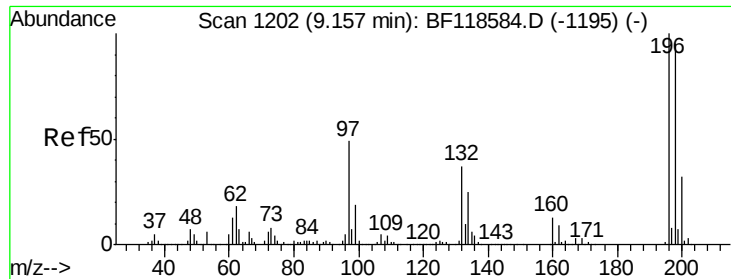
Acq: 29 Jan 2020 15:09

Tgt Ion:	330	Resp:	760085
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.6	116.4
141	27.6	22.2	33.2



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





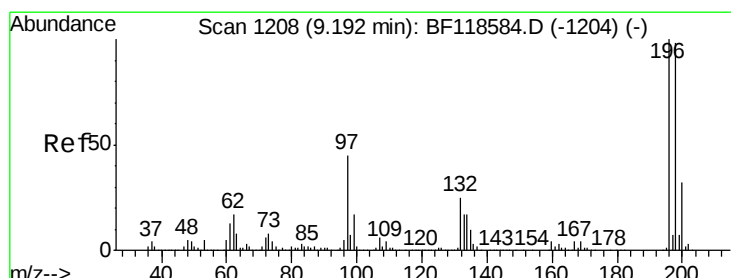
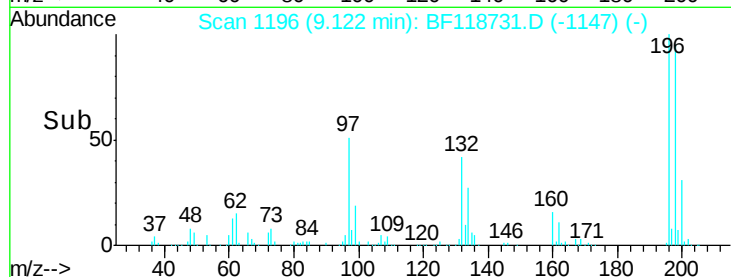
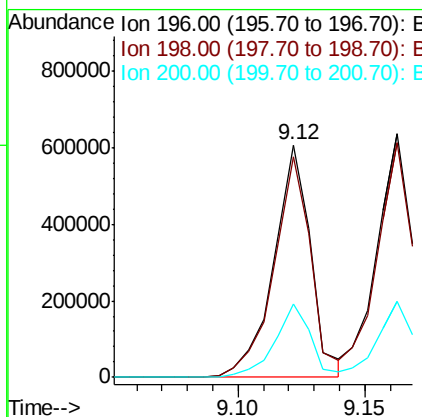
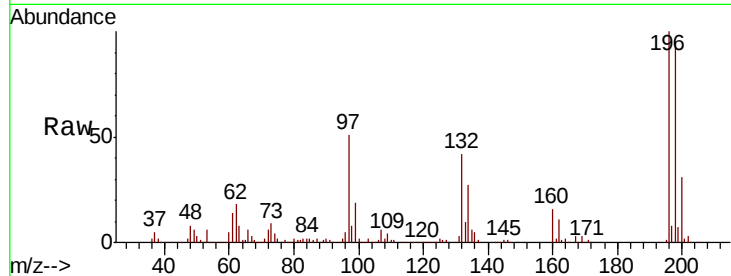
#43
2,4,6-Trichlorophenol
Concen: 44.206 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	609848		
198	94.8	76.4	114.6	
200	31.3	25.4	38.2	

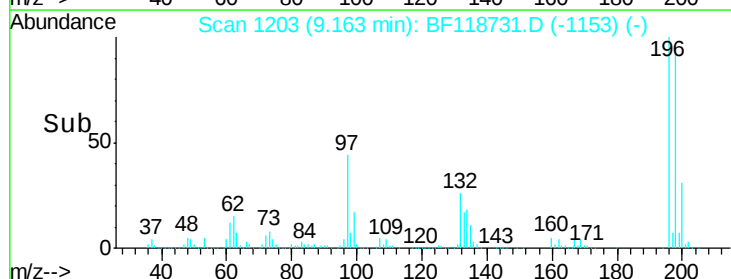
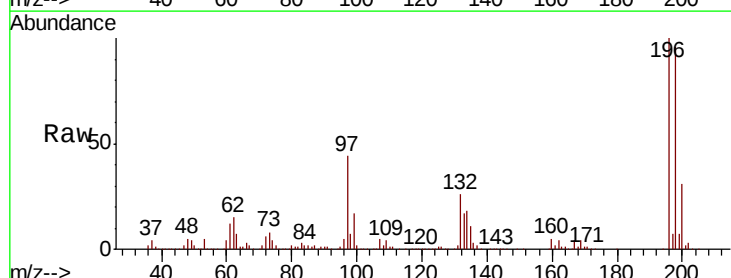
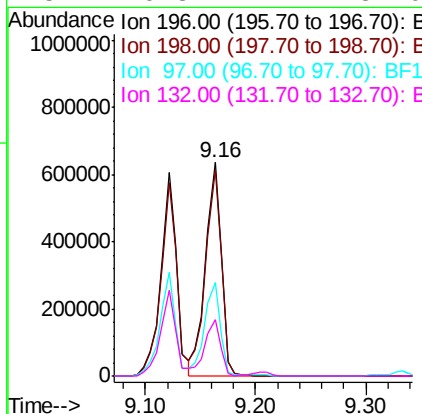
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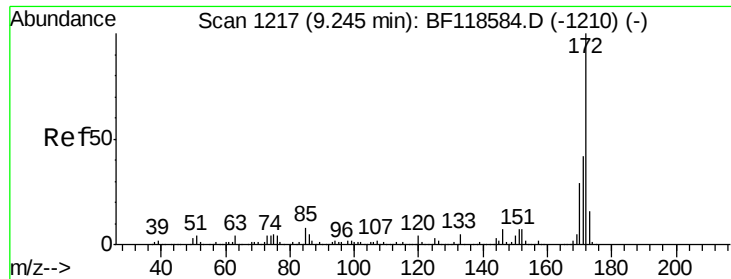
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#44
2,4,5-Trichlorophenol
Concen: 43.520 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	613173		
198	96.4	76.2	114.4	
97	44.1	35.7	53.5	
132	26.3	21.4	32.0	





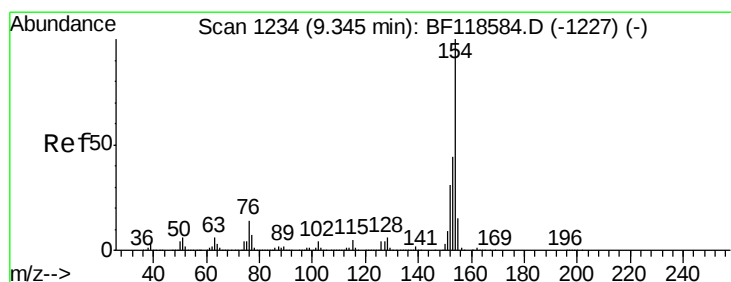
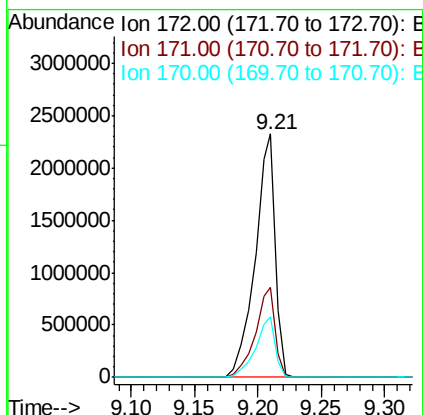
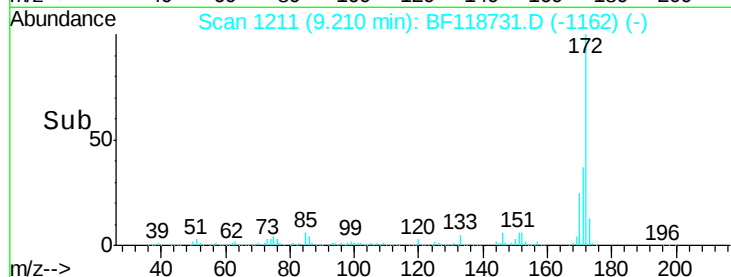
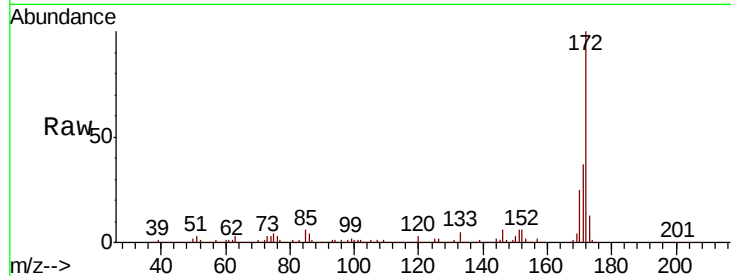
#45
2-Fluorobiphenyl
Concen: 63.974 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.0	31.0	46.4	
170	24.9	20.7	31.1	

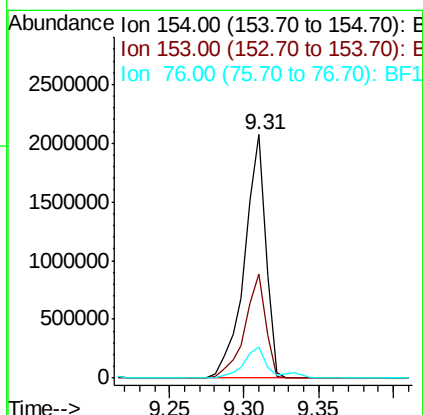
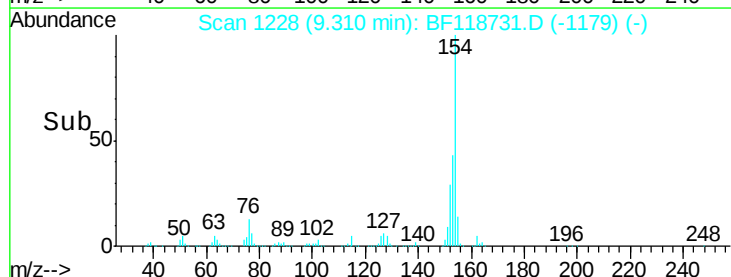
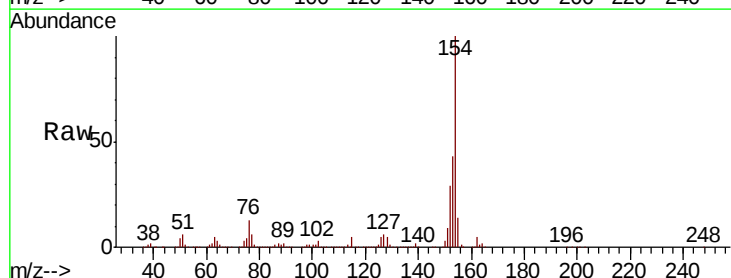
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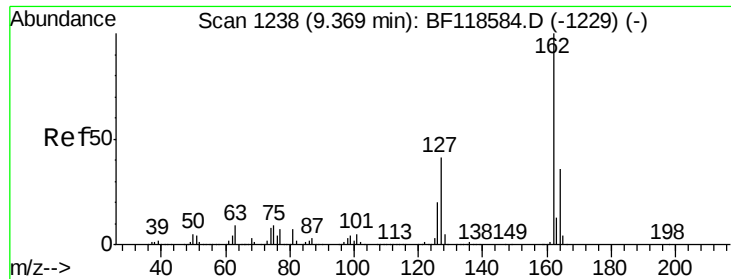
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#46
1,1'-Biphenyl
Concen: 44.541 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.6	22.3	62.3	
76	12.6	0.0	32.0	





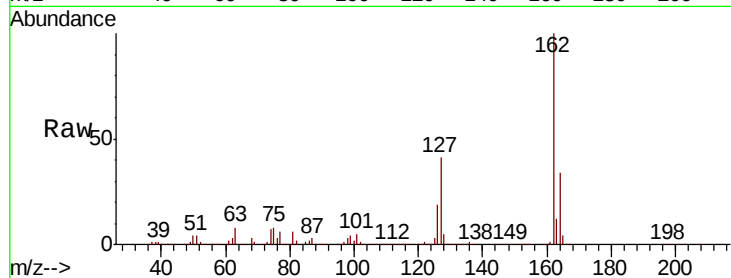
#47
 2-Chloronaphthalene
 Concen: 42.806 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMSD

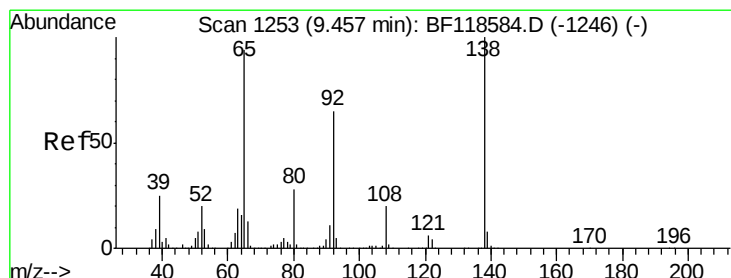
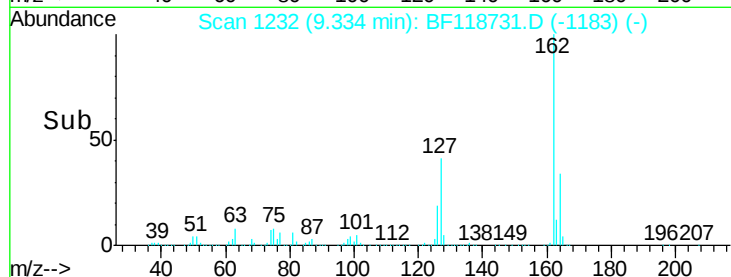
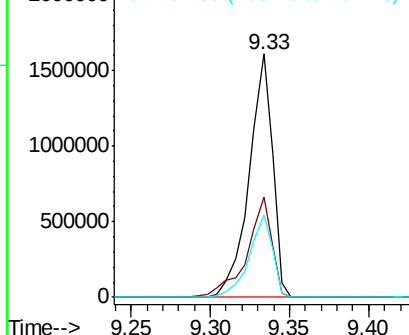
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.9	49.3
164	33.8	27.5	41.3

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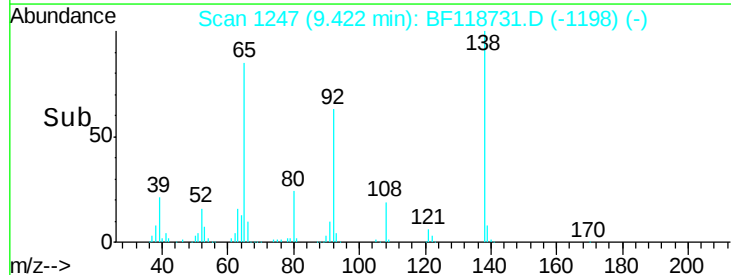
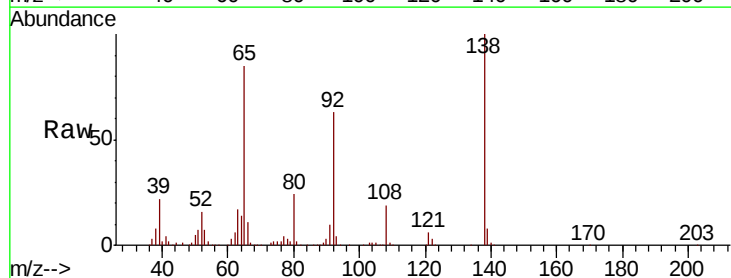
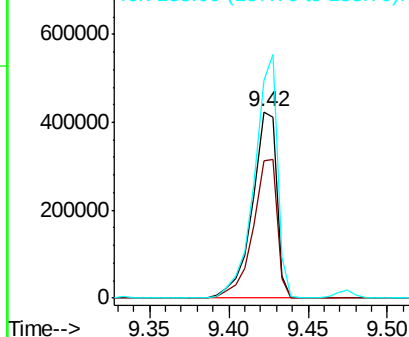
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

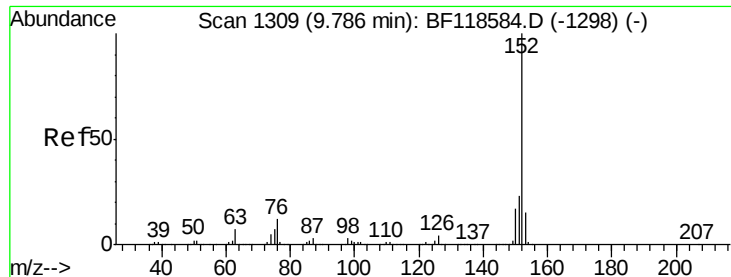


#48
 2-Nitroaniline
 Concen: 38.534 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.8	86.6
138	117.2	95.1	142.7

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





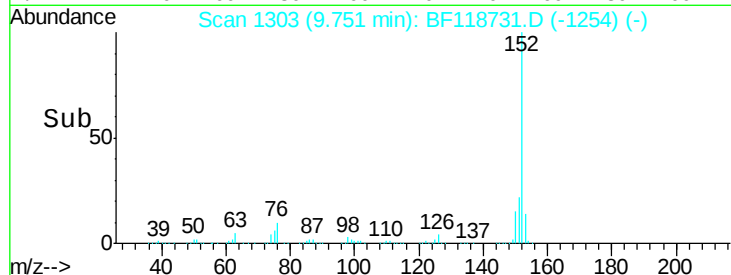
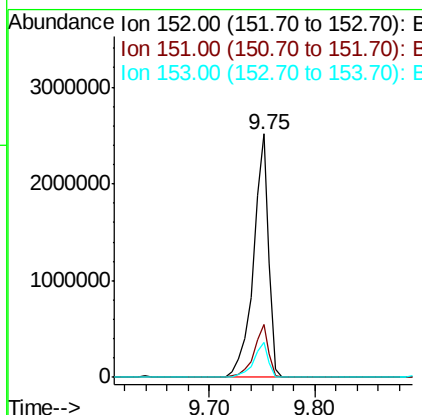
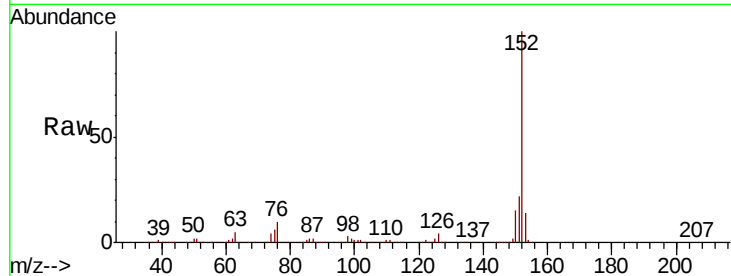
#49
Acenaphthylene
Concen: 46.532 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion:152 Resp: 2526639
Ion Ratio Lower Upper
152 100
151 21.8 17.1 25.7
153 14.2 11.0 16.4

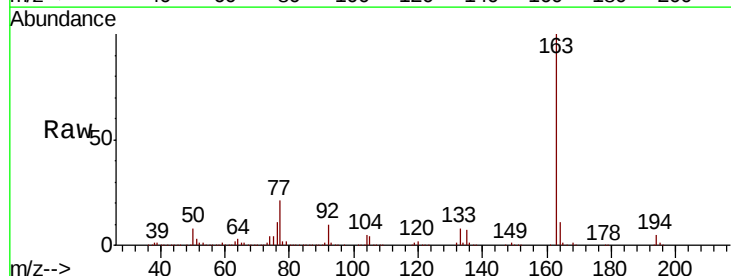
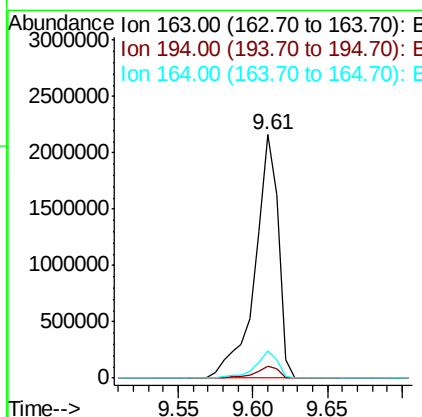
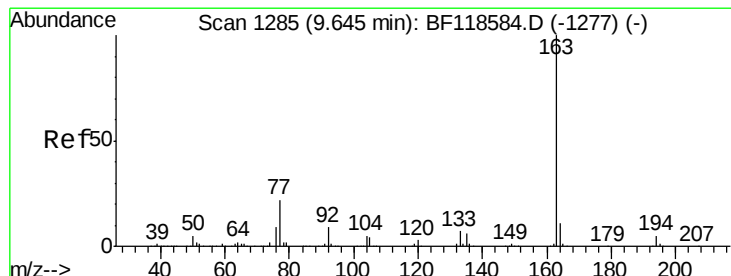
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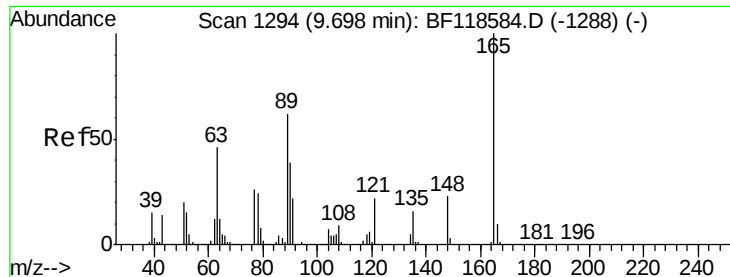
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#50
Dimethylphthalate
Concen: 53.348 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion:163 Resp: 2309376
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 11.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.369 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

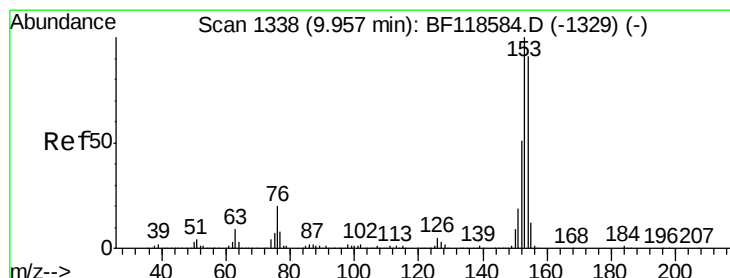
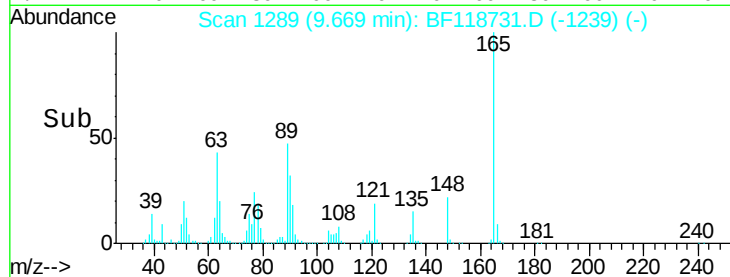
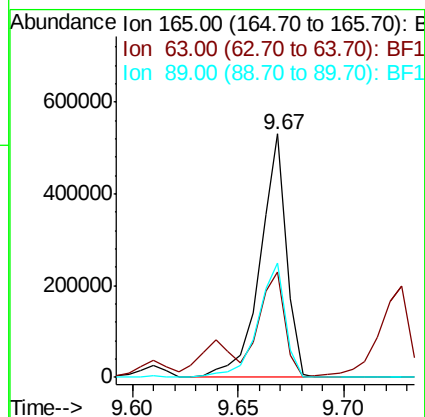
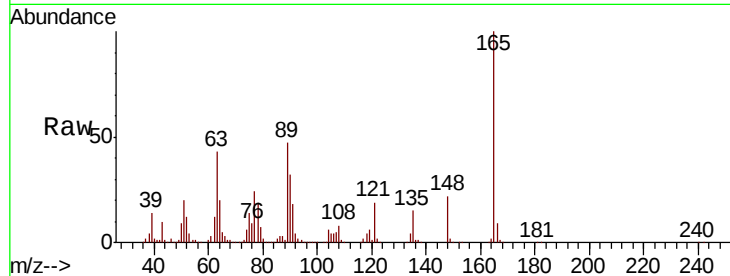
ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:	165	Resp:	459175
Ion Ratio		Lower	Upper
165	100		
63	43.2	39.8	59.6
89	46.9	41.4	62.2

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#52

Acenaphthene

Concen: 46.725 ng

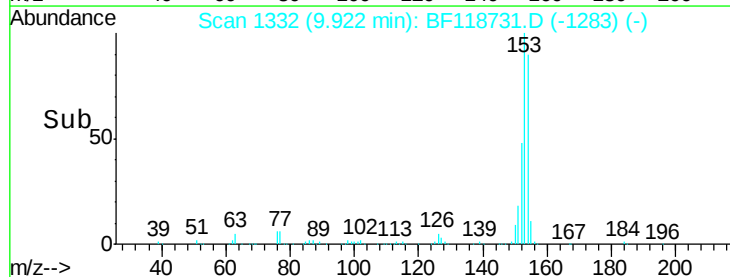
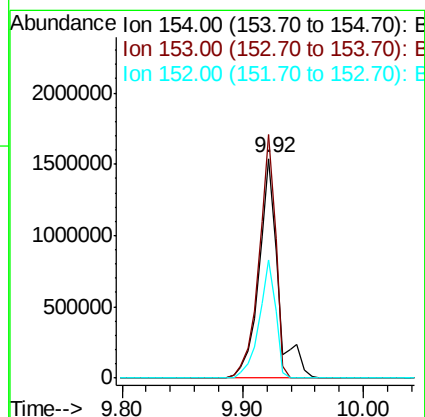
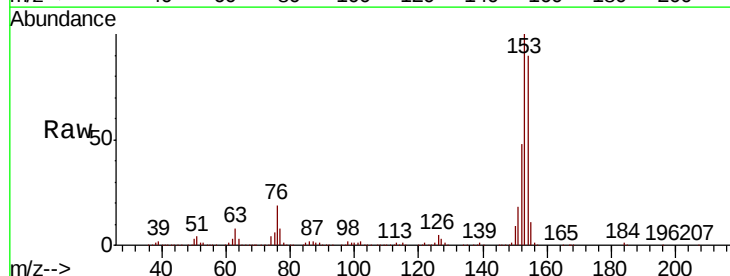
RT: 9.92 min Scan# 1332

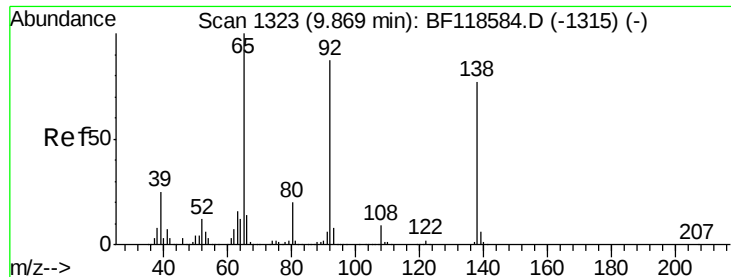
Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	154	Resp:	1696523
Ion Ratio		Lower	Upper
154	100		
153	110.7	89.1	133.7
152	53.6	43.0	64.6





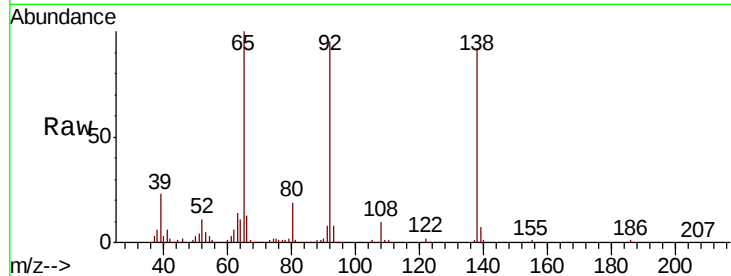
#53
3-Nitroaniline
Concen: 20.740 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

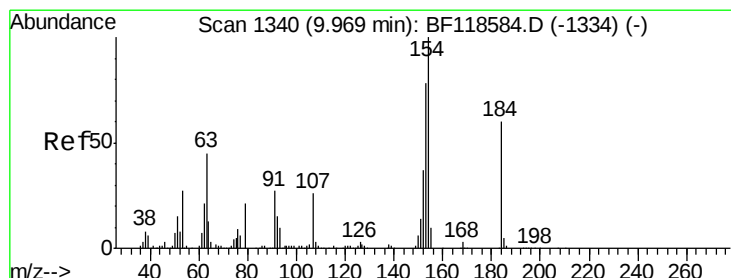
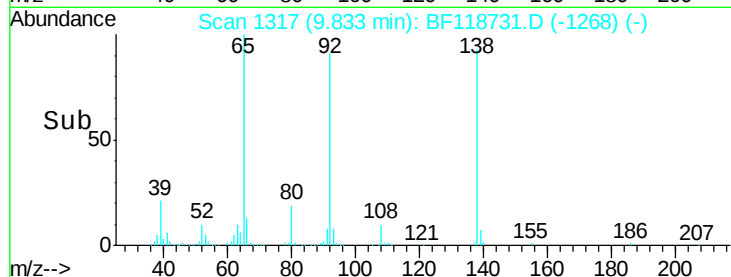
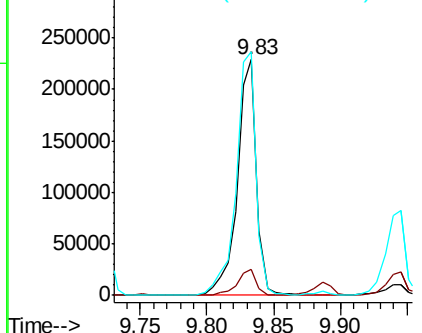
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.8	13.2
92	103.2	87.8	131.6

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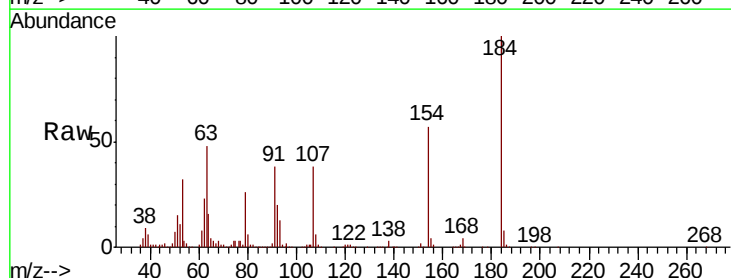


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

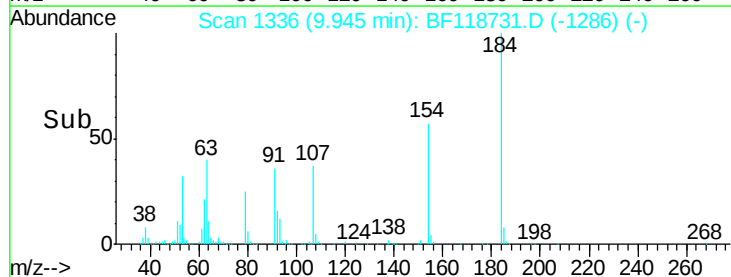
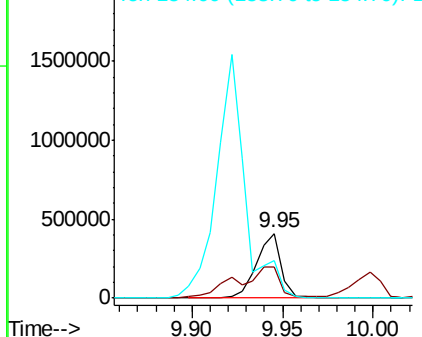


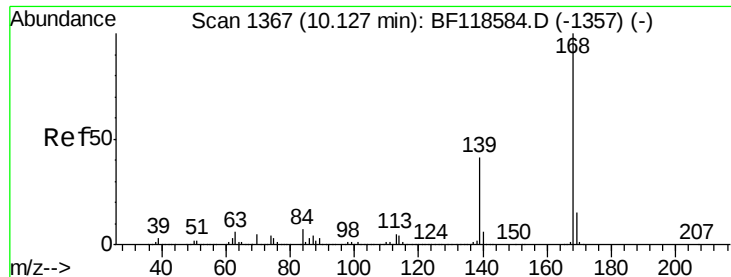
#54
2,4-Dinitrophenol
Concen: 100.779 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.1	36.0	54.0
154	57.4	44.6	66.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





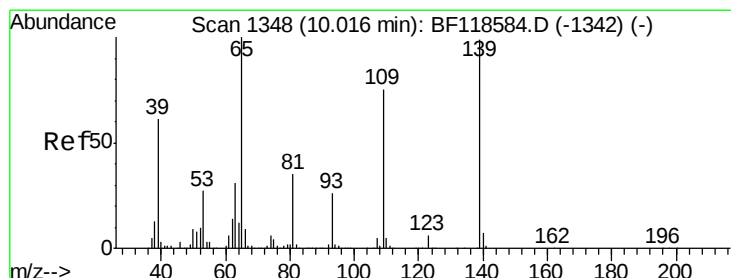
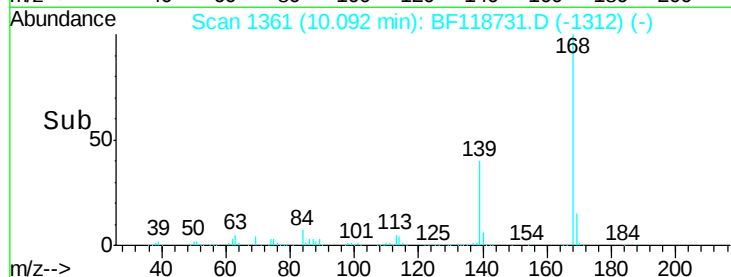
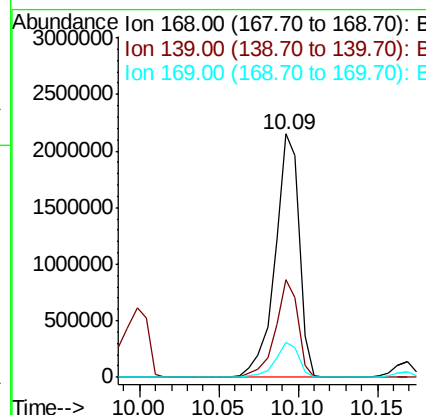
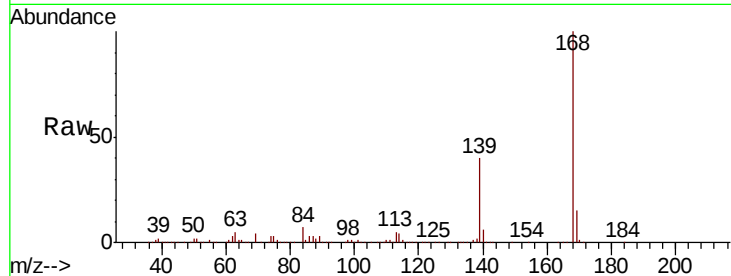
#55
Dibenzofuran
Concen: 45.207 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion:168 Resp: 2274655
Ion Ratio Lower Upper
168 100
139 39.9 31.6 47.4
169 14.6 11.4 17.0

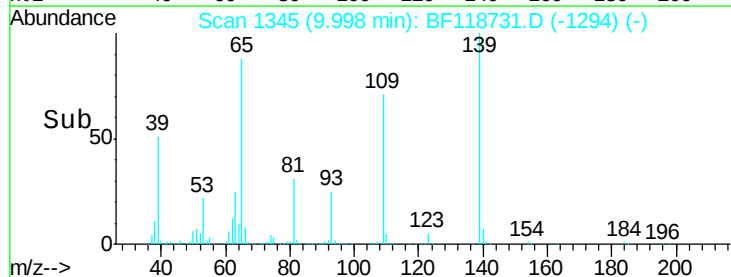
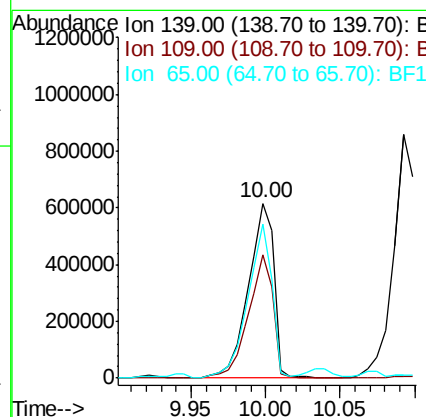
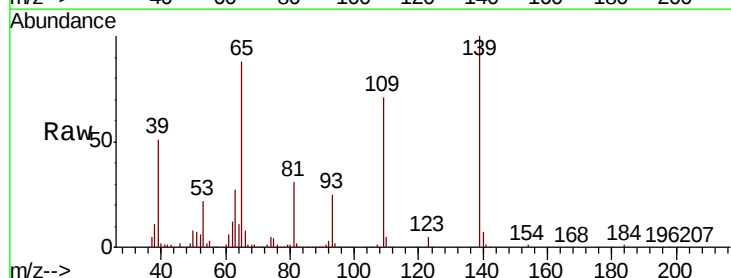
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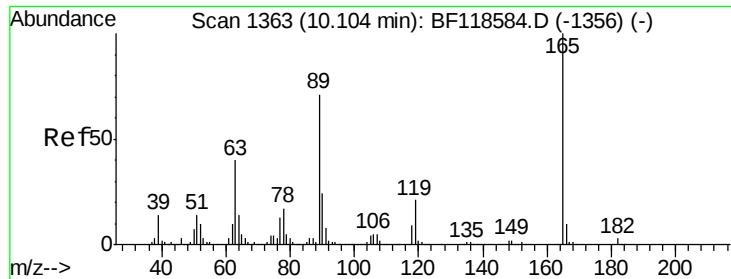
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#56
4-Nitrophenol
Concen: 87.321 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion:139 Resp: 729645
Ion Ratio Lower Upper
139 100
109 70.6 47.0 87.0
65 87.8 65.7 105.7





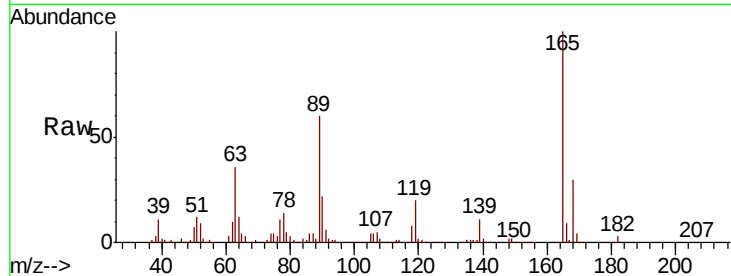
#57
2,4-Dinitrotoluene
Concen: 48.997 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	598750		
63	36.0	28.5	42.7	
89	60.1	50.4	75.6	
182	3.1	2.3	3.5	

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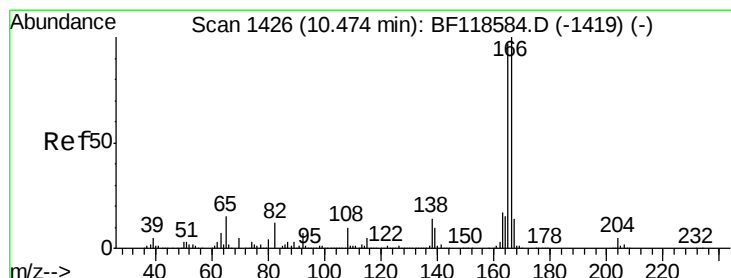
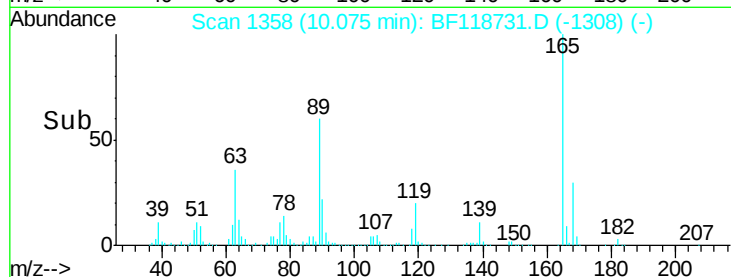
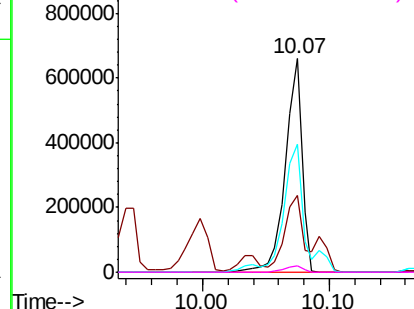


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



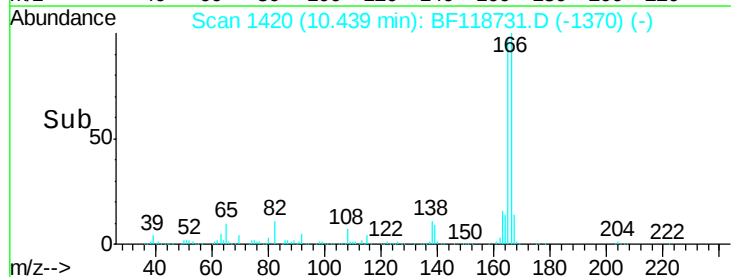
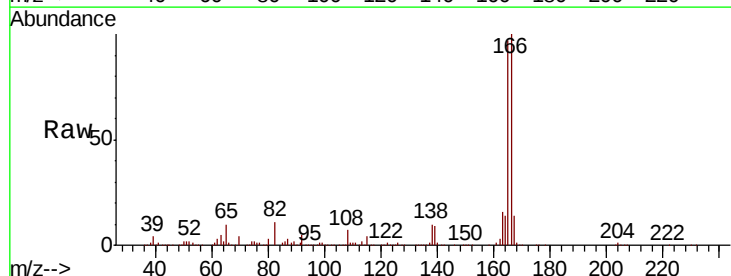
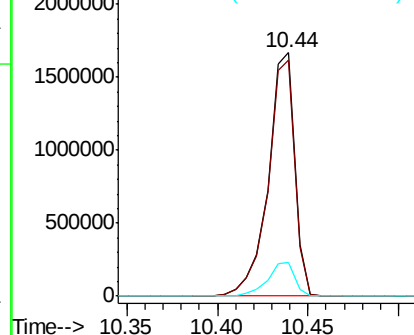
#58
Fluorene
Concen: 43.028 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

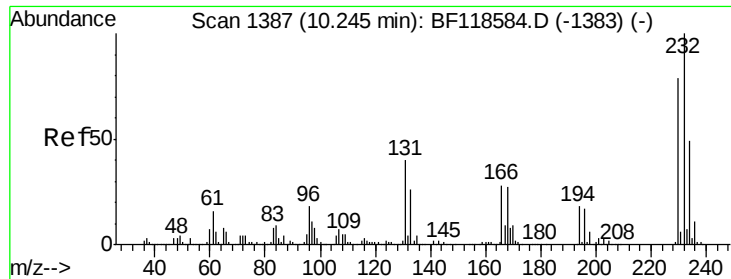
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1699641		
165	97.1	78.6	118.0	
167	13.7	11.4	17.2	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.928 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

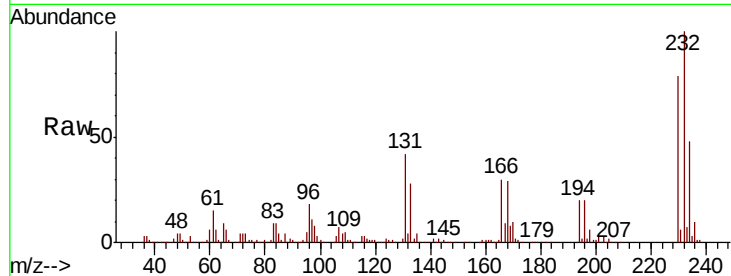
ClientSampleId :

TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.5	31.8	47.6
130	2.0	1.5	2.3
166	28.9	22.8	34.2

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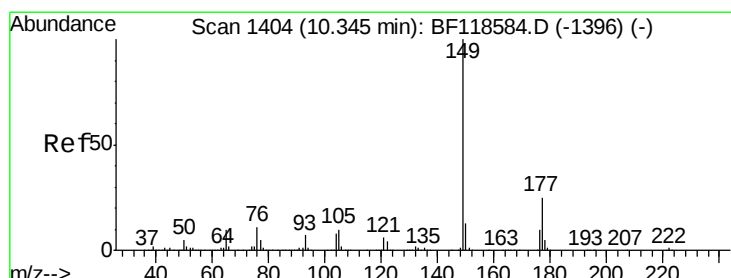
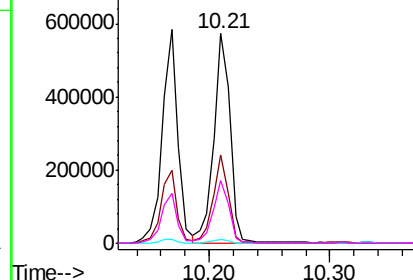
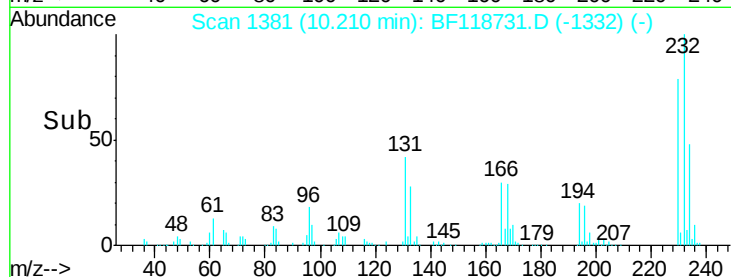


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.588 ng

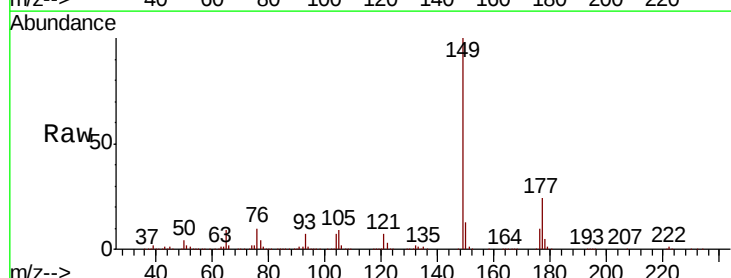
RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

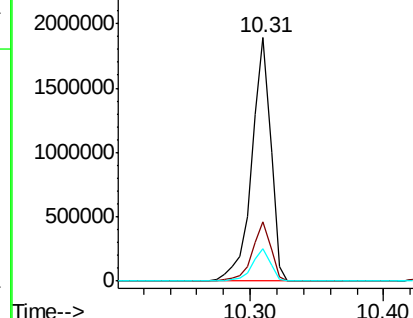
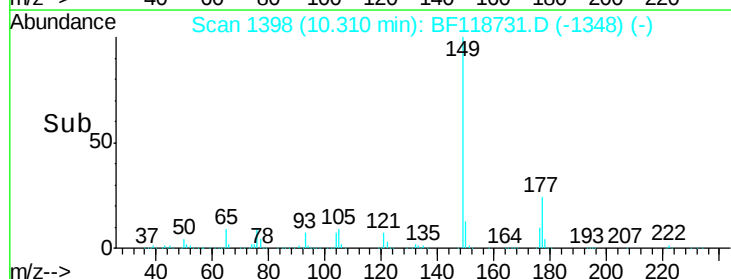
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.1	28.7
150	13.3	10.5	15.7

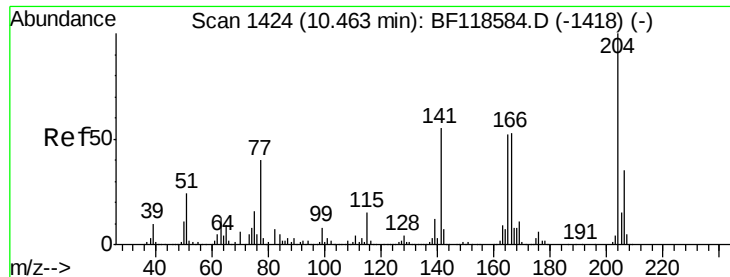


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





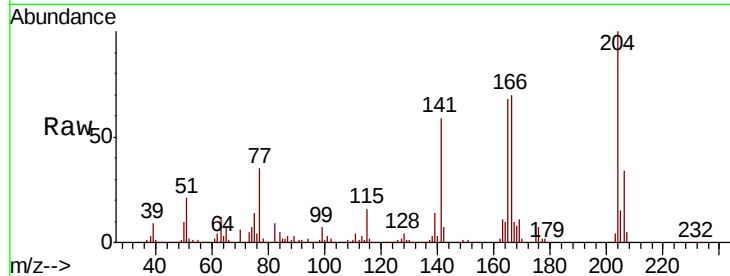
#61
4-Chlorophenyl-phenylether
Concen: 41.803 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

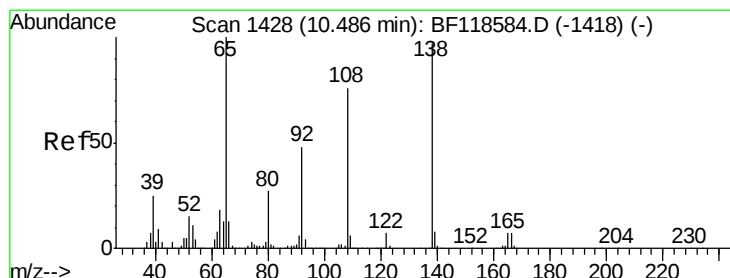
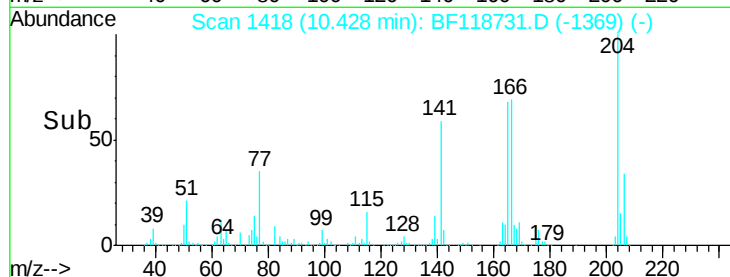
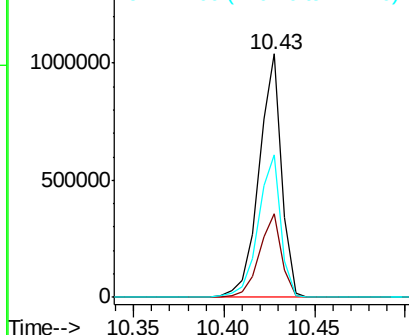
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.0	40.6
141	58.6	43.9	65.9

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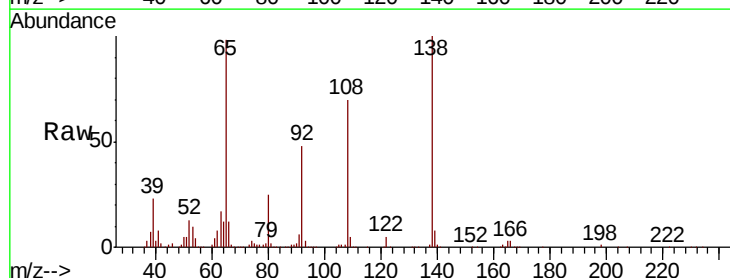


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

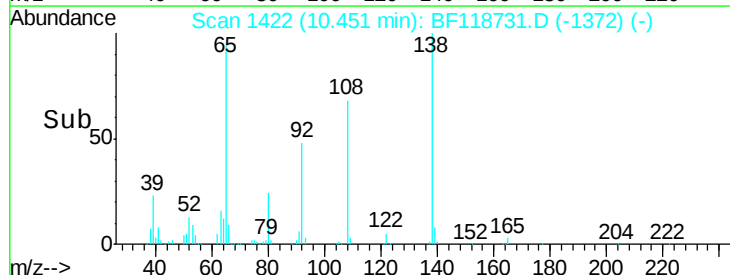
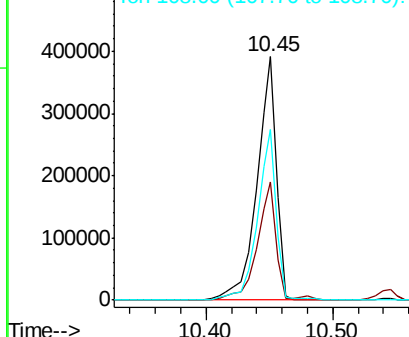


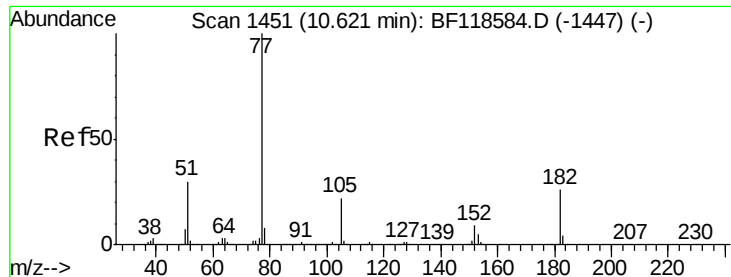
#62
4-Nitroaniline
Concen: 37.129 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.2	69.2
108	69.9	50.8	90.8



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





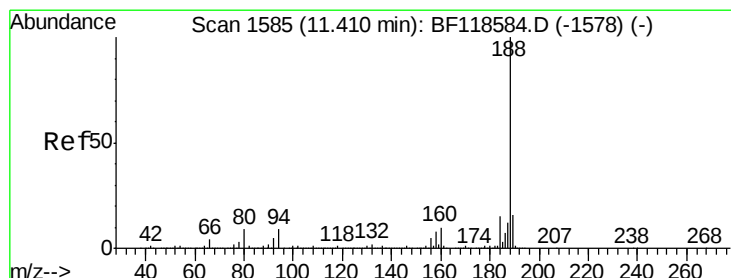
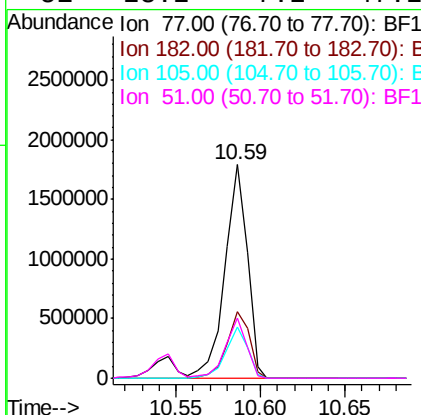
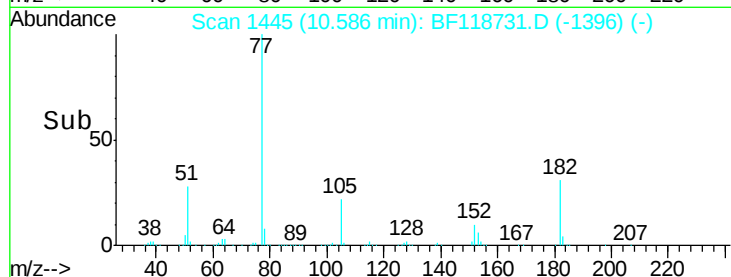
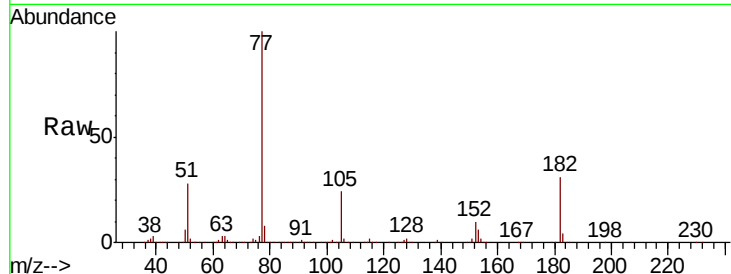
#63
Azobenzene
Concen: 40.301 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	12.3	52.3
105	23.9	4.0	44.0
51	28.2	7.2	47.2

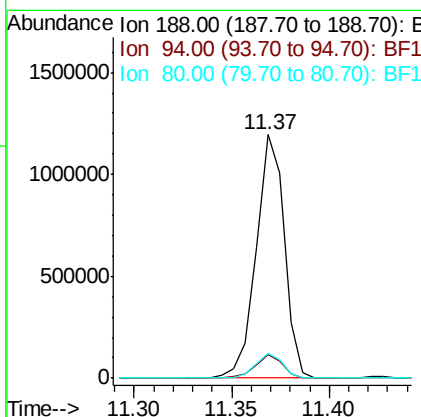
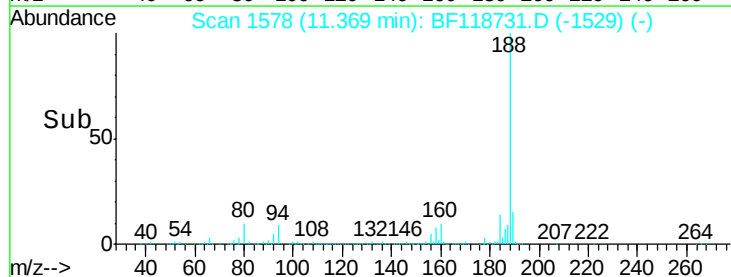
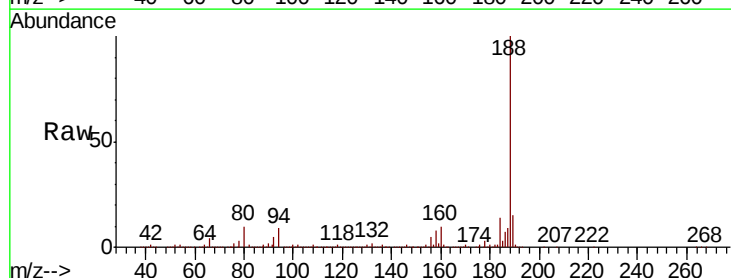
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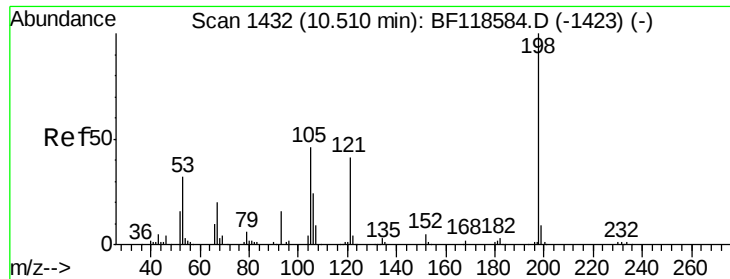
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.3	7.8	11.8





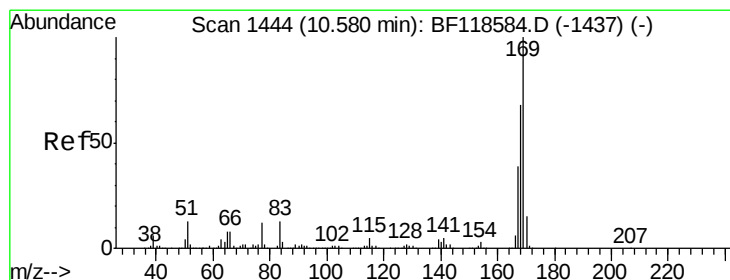
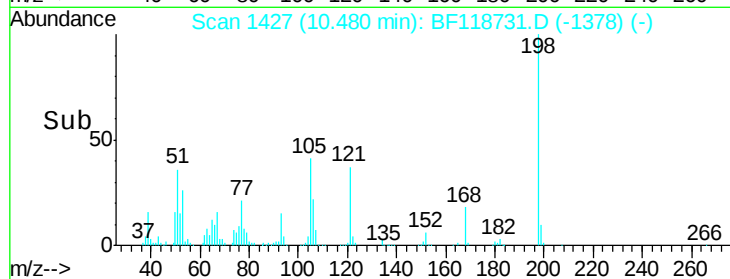
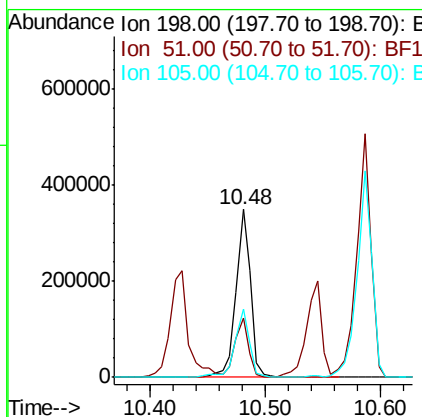
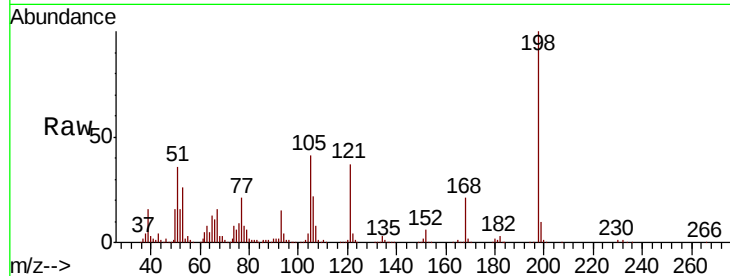
#65
4,6-Dinitro-2-methylphenol
Concen: 58.325 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	306025		
51	35.6	9.6	49.6	
105	41.0	15.5	55.5	

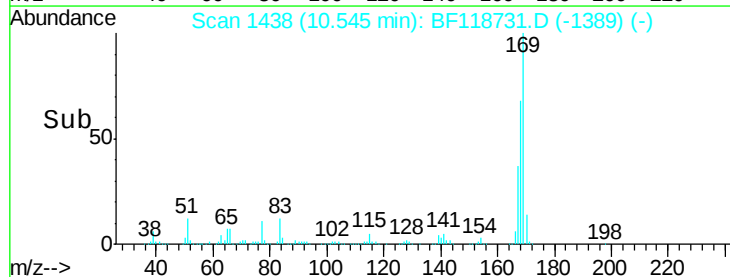
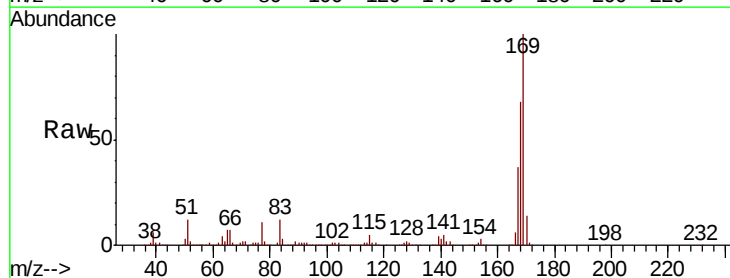
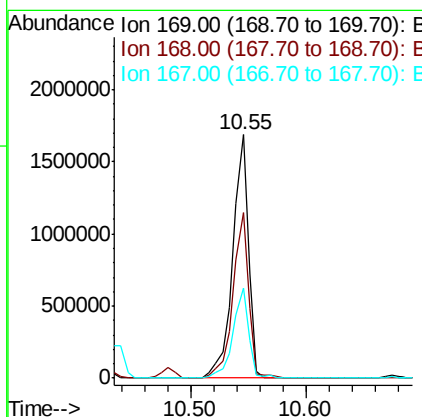
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#66
n-Nitrosodiphenylamine
Concen: 44.061 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1585509		
168	68.1	53.4	80.0	
167	36.7	29.2	43.8	





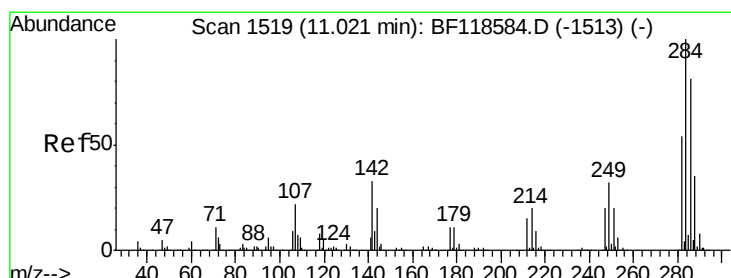
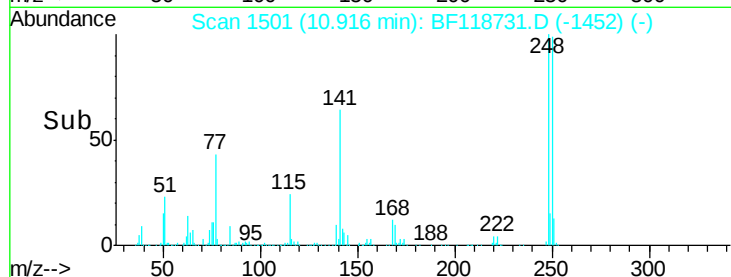
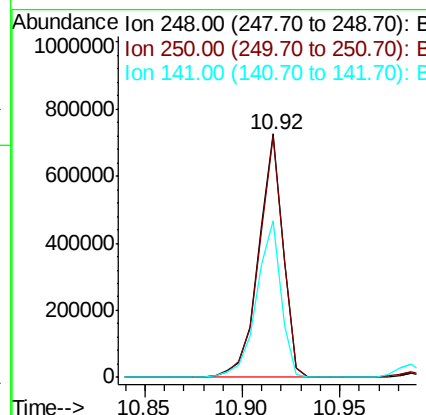
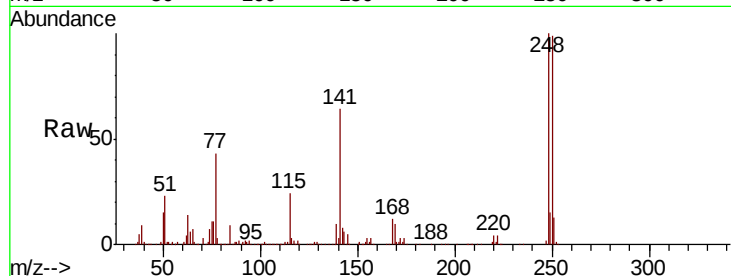
#67
4-Bromophenyl-phenylether
Concen: 42.470 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.7	118.1
141	64.2	48.4	72.6

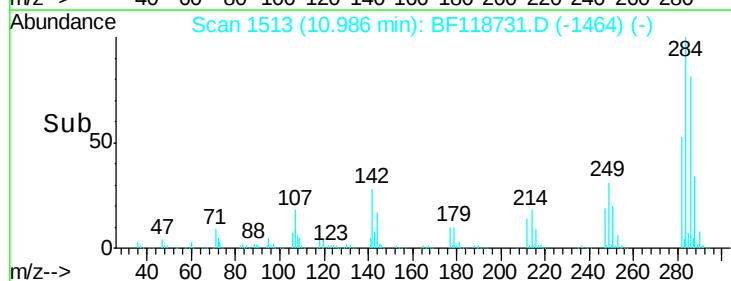
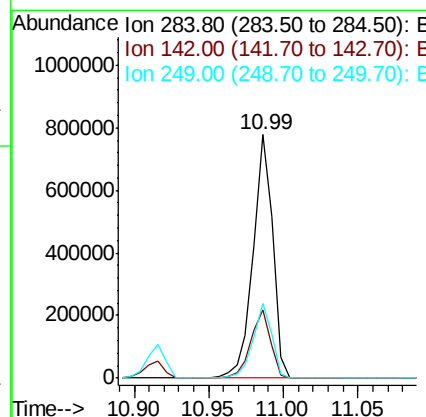
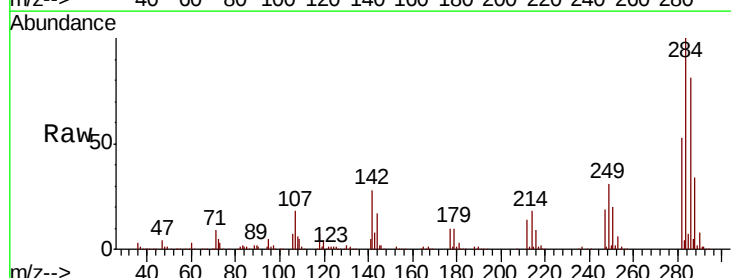
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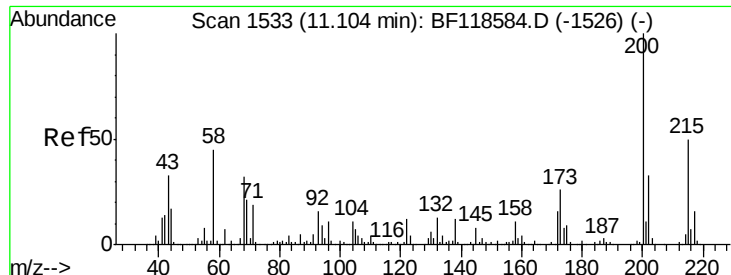
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#68
Hexachlorobenzene
Concen: 42.029 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	23.1	34.7
249	30.9	24.0	36.0





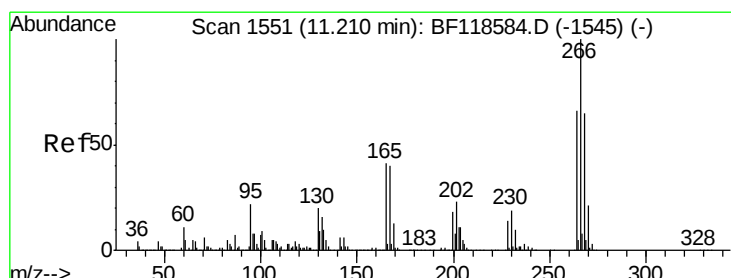
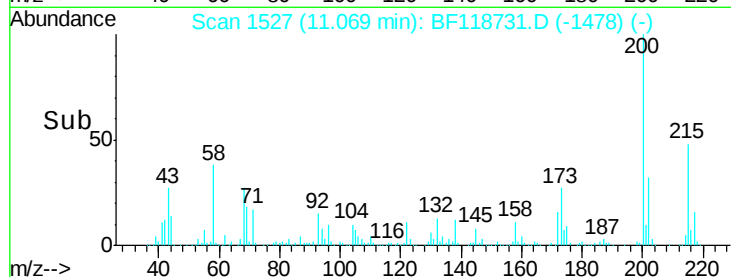
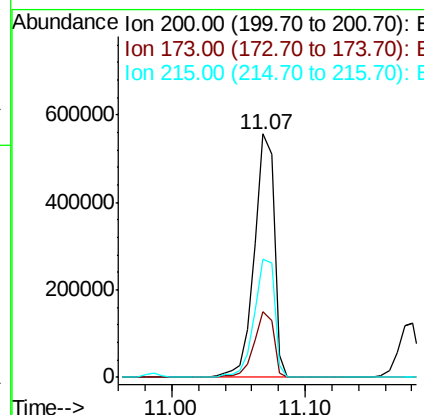
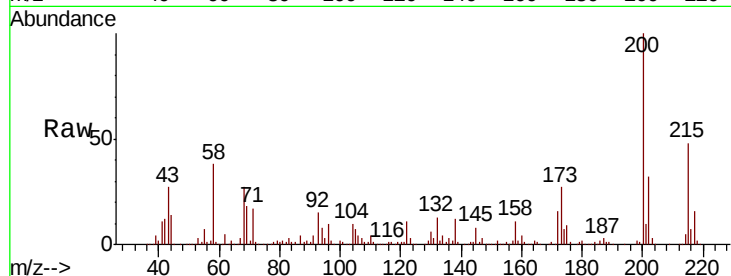
#69
Atrazine
Concen: 45.061 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.8	46.8
215	48.4	30.4	70.4

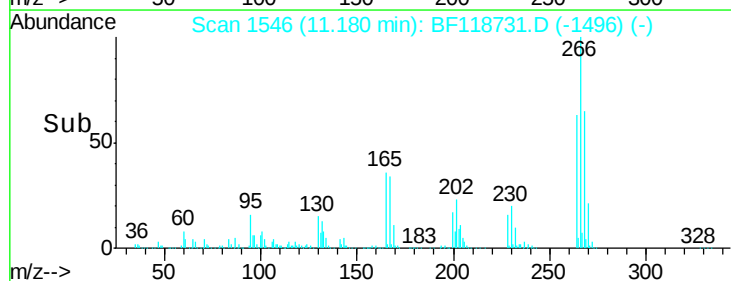
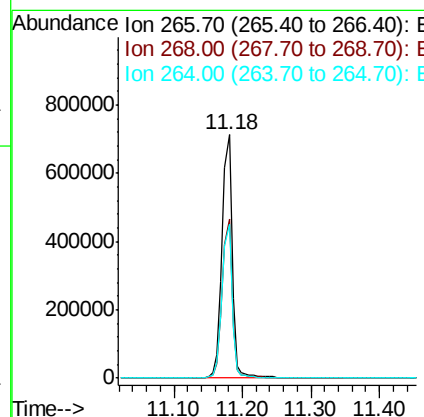
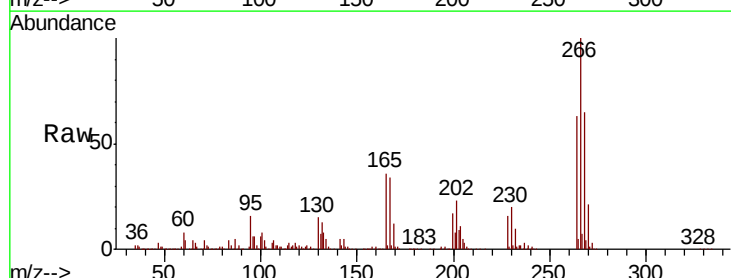
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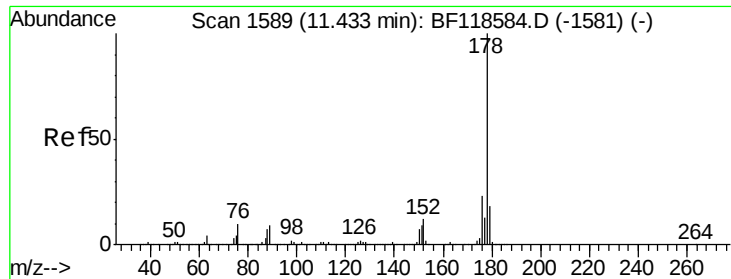
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#70
Pentachlorophenol
Concen: 78.696 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.6	77.4
264	63.0	50.9	76.3





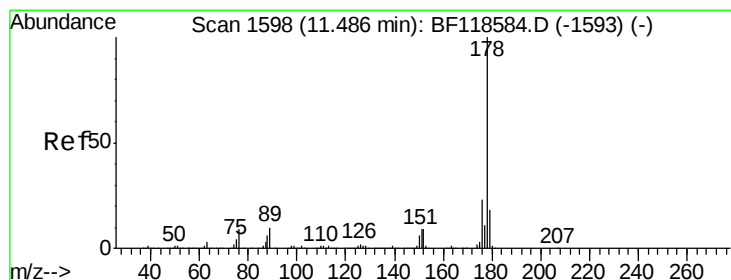
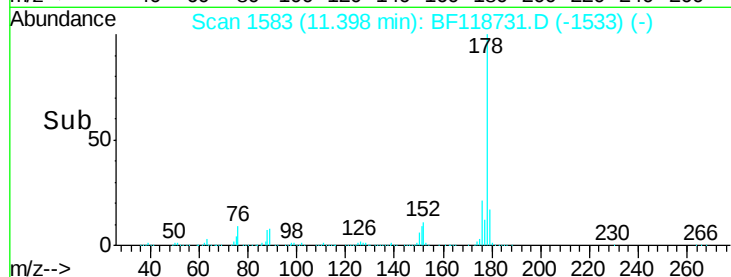
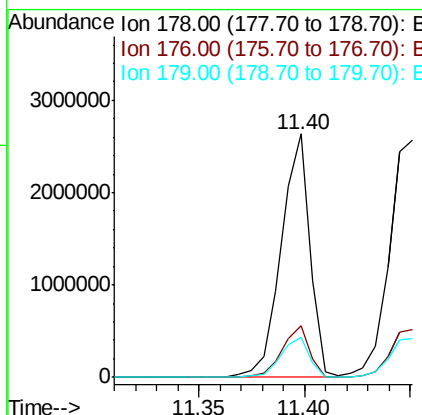
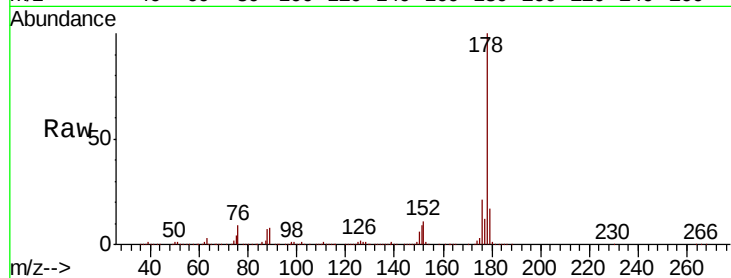
#71
Phenanthrene
Concen: 43.505 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion:178 Resp: 2504404
Ion Ratio Lower Upper
178 100
176 21.2 16.5 24.7
179 16.6 13.3 19.9

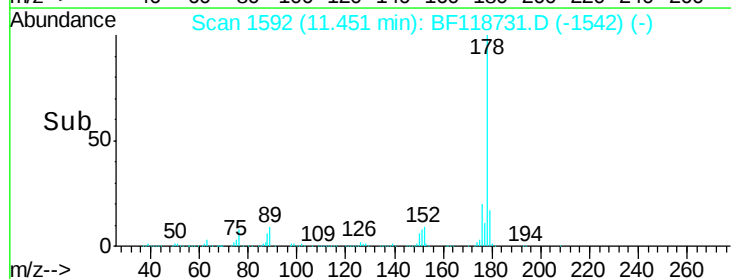
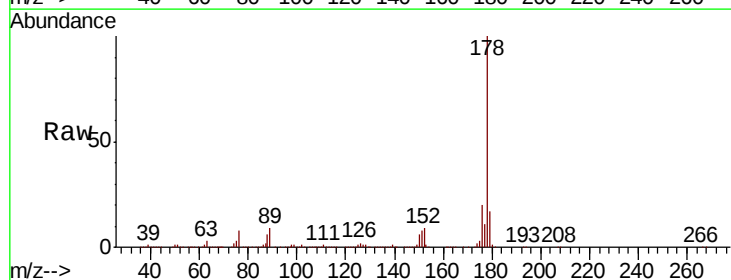
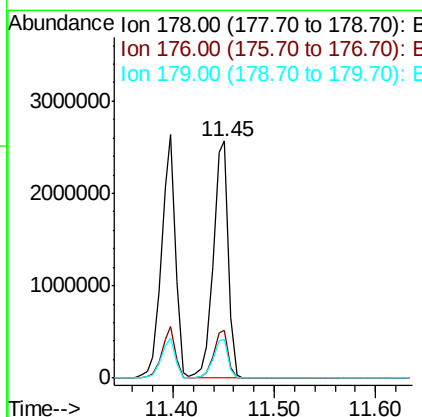
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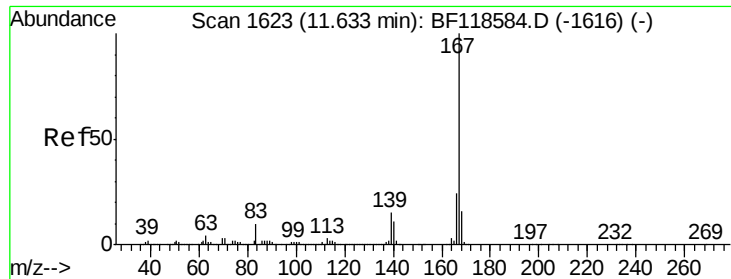
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#72
Anthracene
Concen: 45.743 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion:178 Resp: 2605572
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 16.6 13.3 19.9





#73

Carbazole

Concen: 43.220 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:167 Resp: 2258132

Ion Ratio Lower Upper

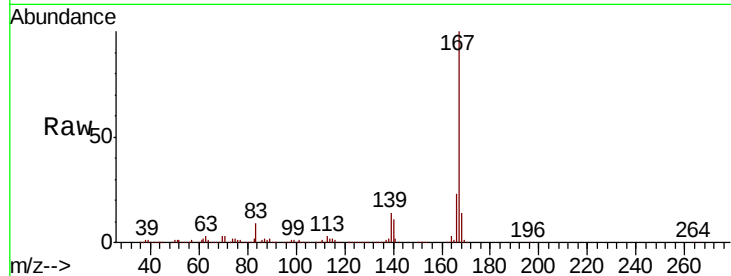
167 100

166 23.0 18.3 27.5

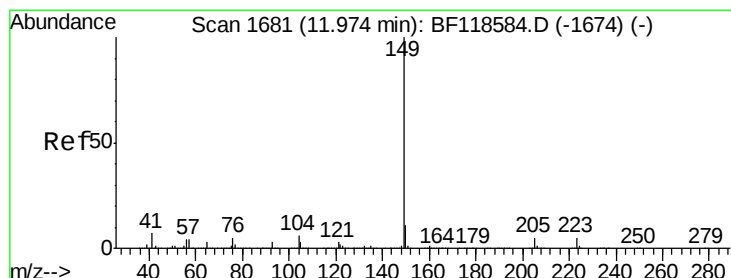
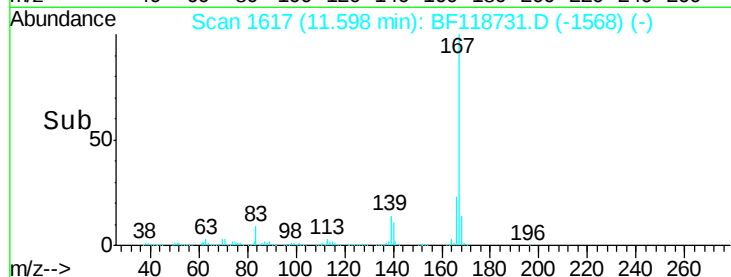
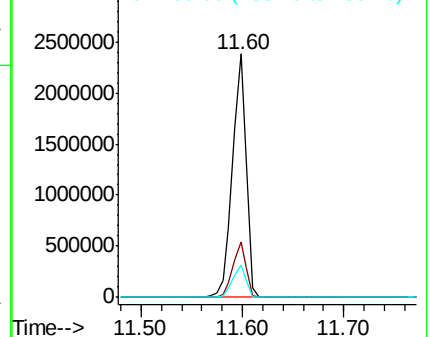
139 13.5 11.0 16.4

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.643 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

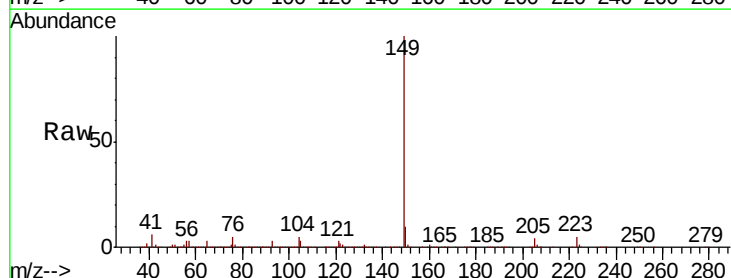
Tgt Ion:149 Resp: 2649437

Ion Ratio Lower Upper

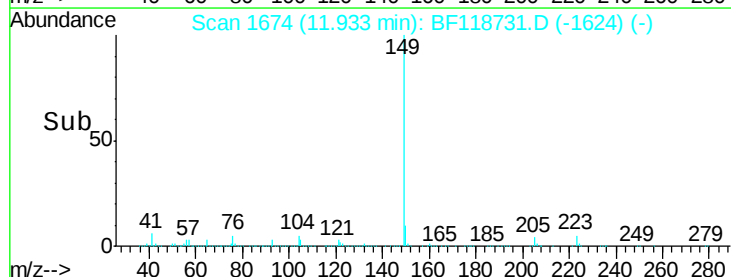
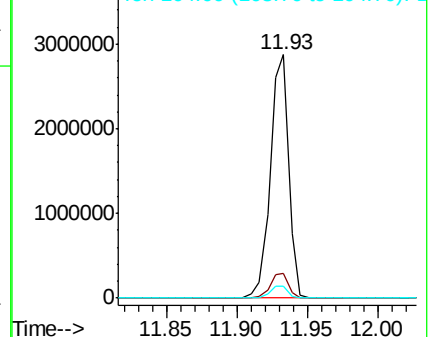
149 100

150 10.0 8.2 12.2

104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.088 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

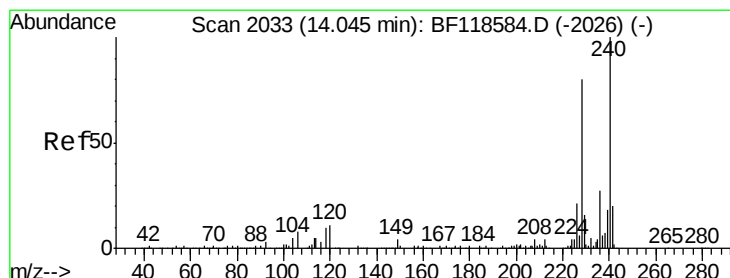
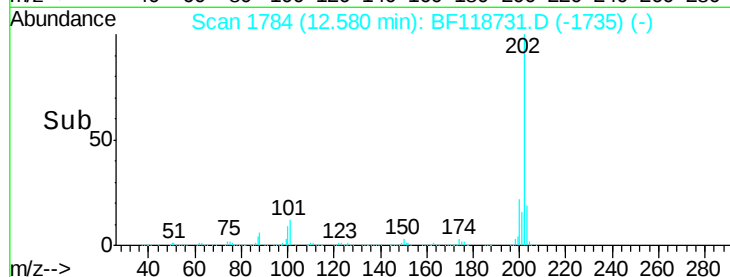
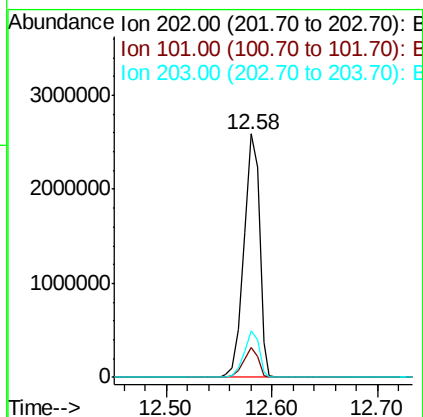
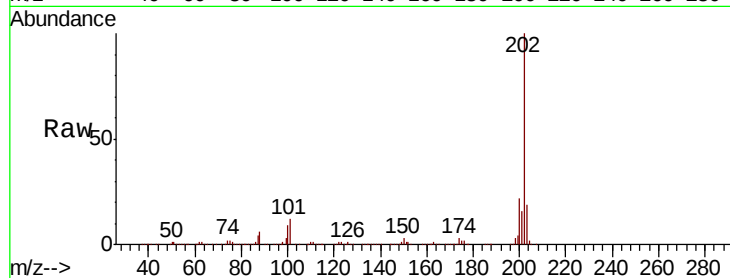
ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:	202	Resp:	2616108
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	19.1	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

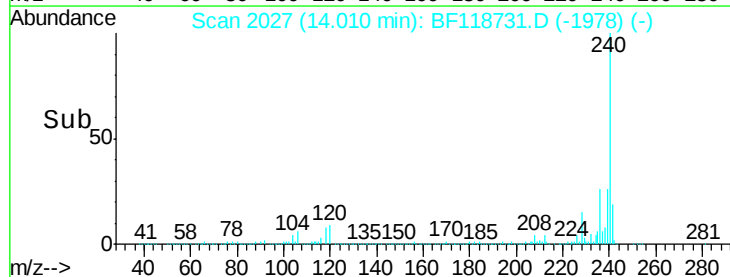
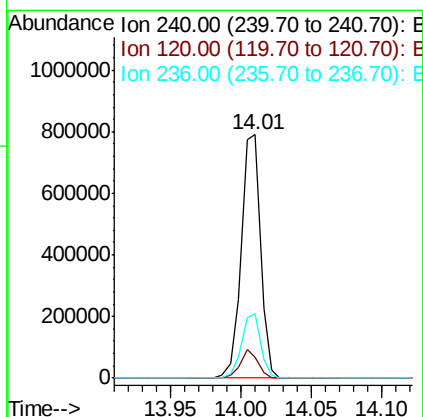
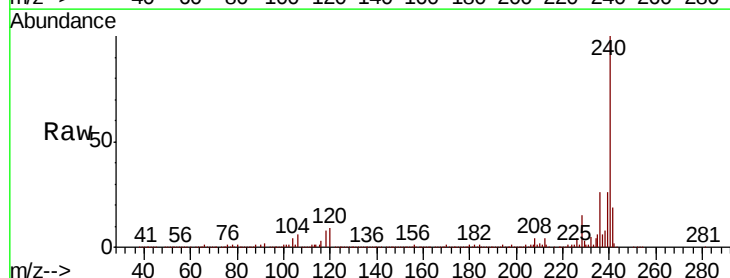
RT: 14.01 min Scan# 2027

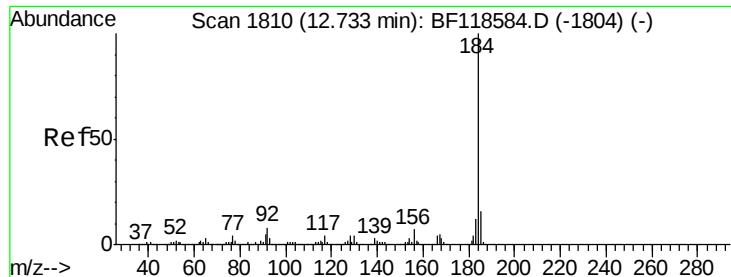
Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	240	Resp:	756135
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.6	11.4
236	26.3	21.0	31.4





#77

Benzidine

Concen: 59.774 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:184 Resp: 1207626

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

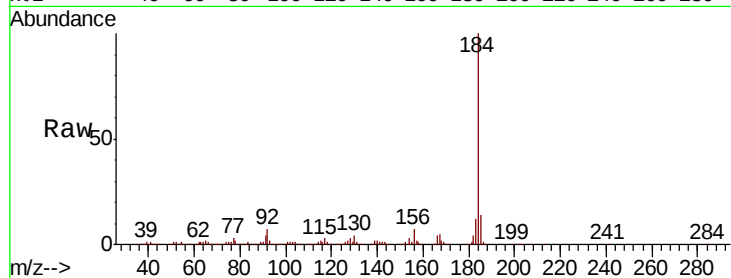
183 12.1 9.7 14.5

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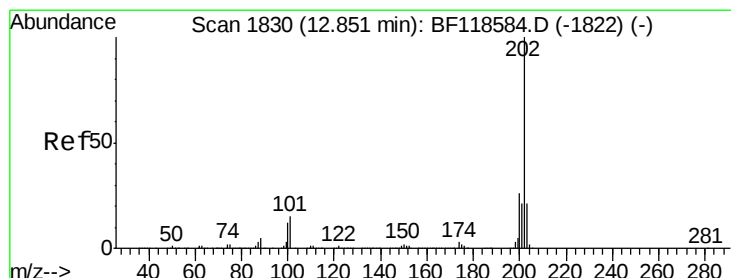
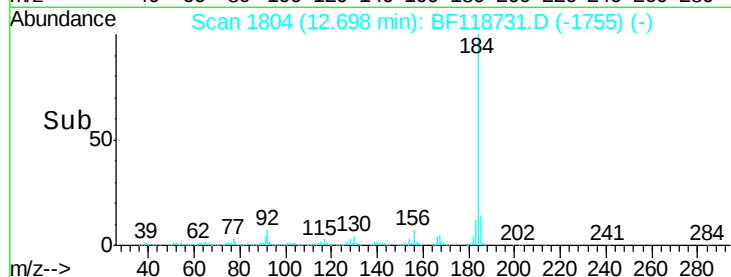
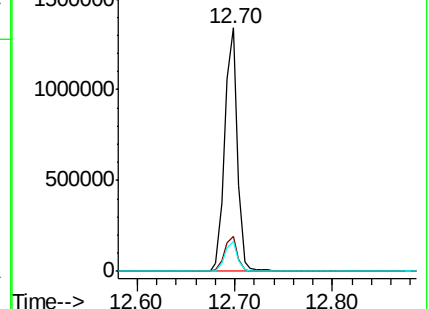
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.610 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

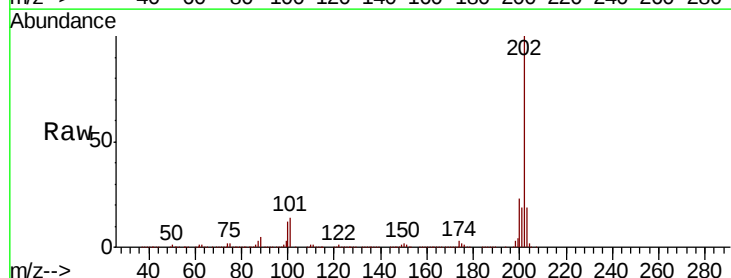
Tgt Ion:202 Resp: 2598033

Ion Ratio Lower Upper

202 100

200 22.7 18.1 27.1

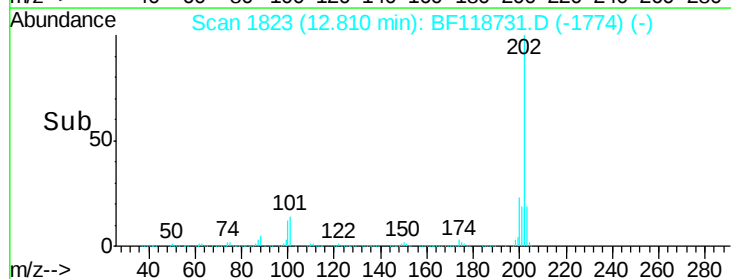
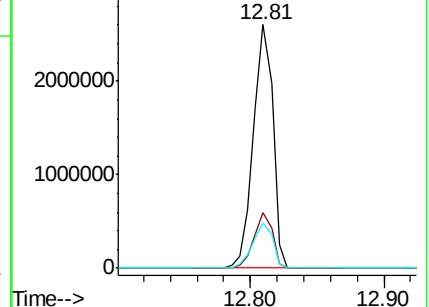
203 18.8 15.2 22.8

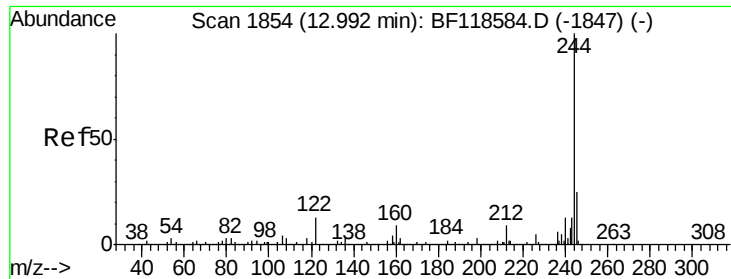


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





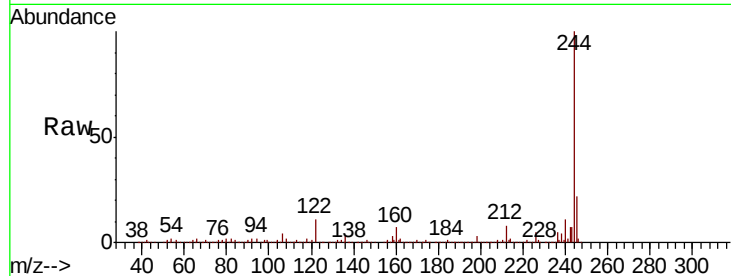
#79
 Terphenyl-d14
 Concen: 81.605 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMSD

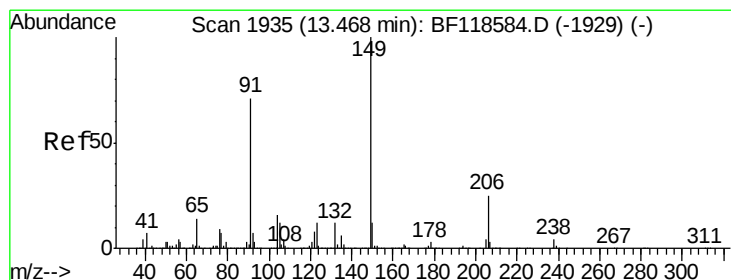
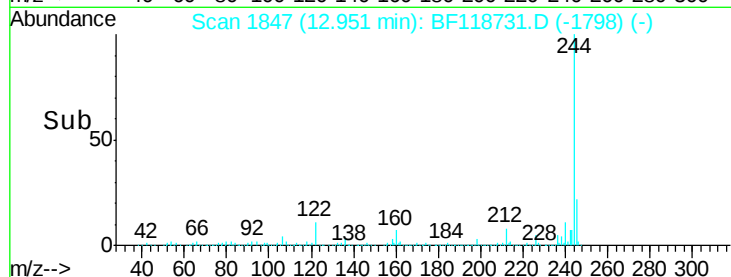
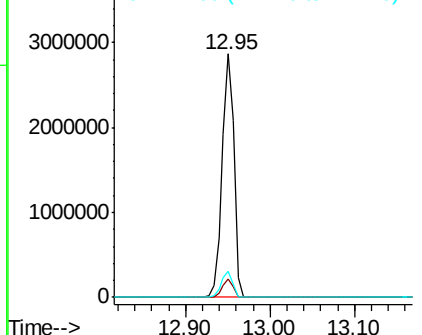
Tot Ion:244 Resp: 2829046
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 10.9 9.2 13.8

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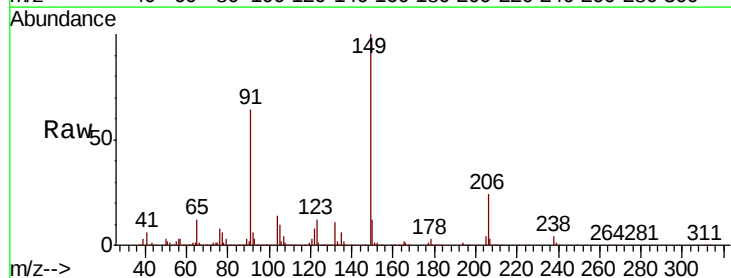


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

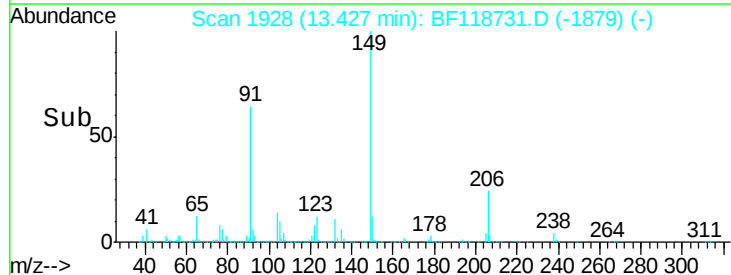
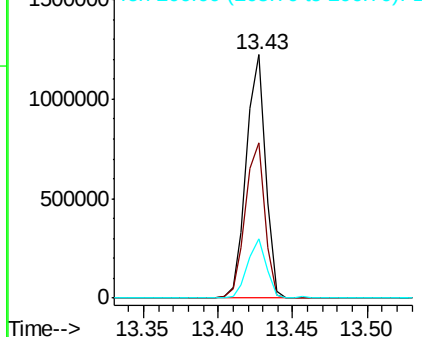


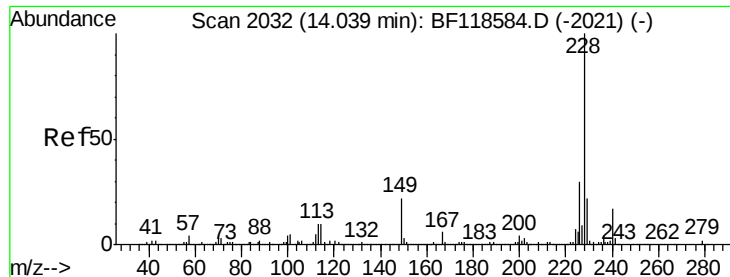
#80
 Butylbenzylphthalate
 Concen: 52.104 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Tgt Ion:149 Resp: 1094680
 Ion Ratio Lower Upper
 149 100
 91 63.9 49.6 74.4
 206 24.2 19.9 29.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





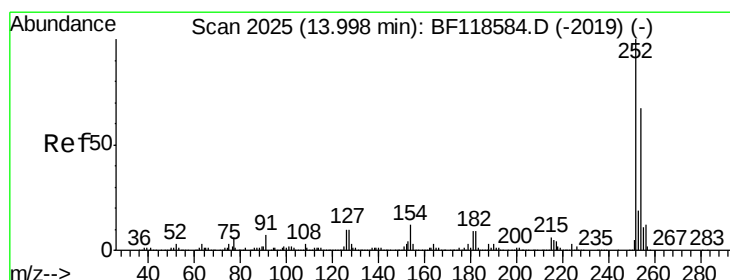
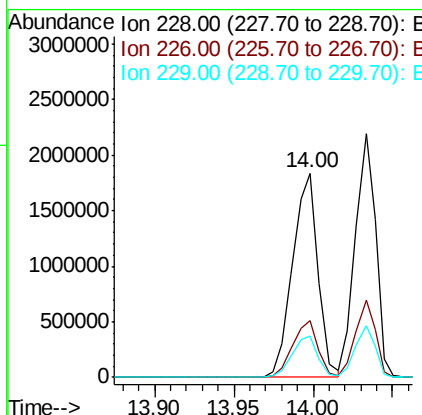
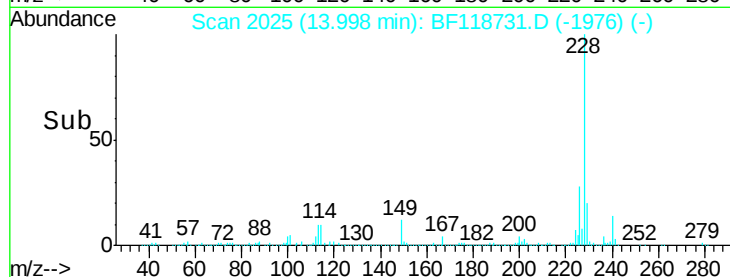
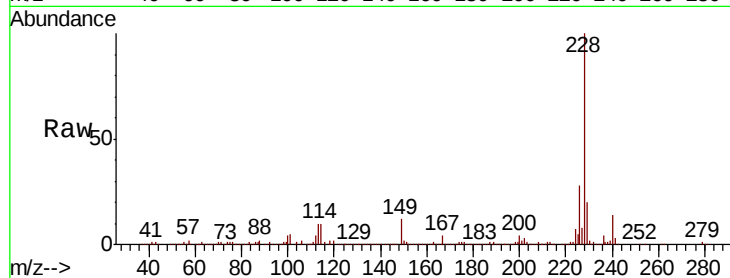
#81
Benzo(a)anthracene
Concen: 44.640 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.0	16.6	25.0

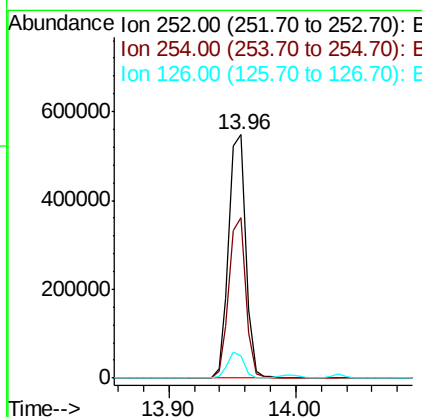
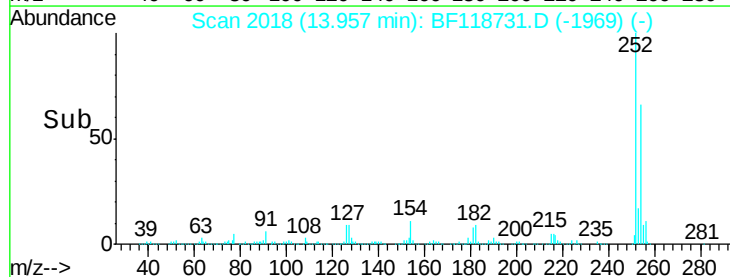
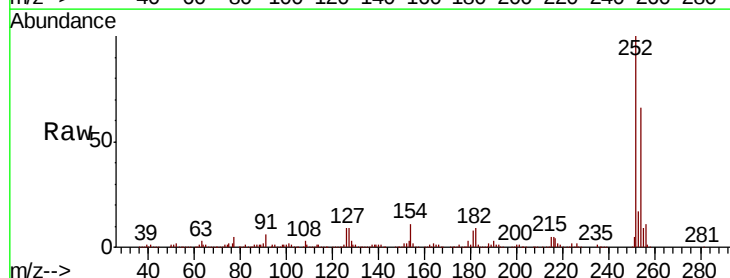
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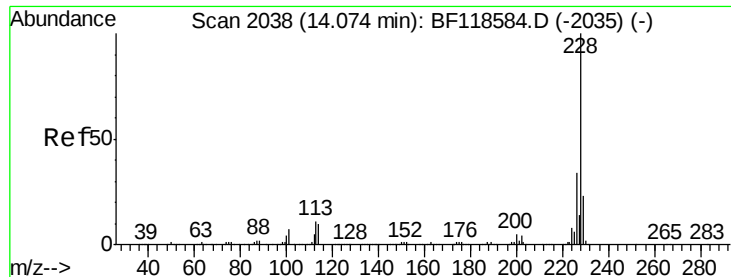
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#82
3,3'-Dichlorobenzidine
Concen: 31.870 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	78.8
126	8.9	8.1	12.1





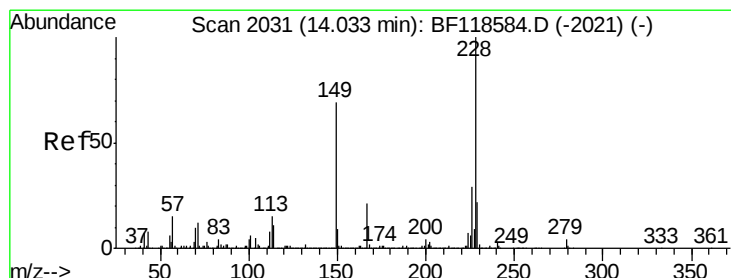
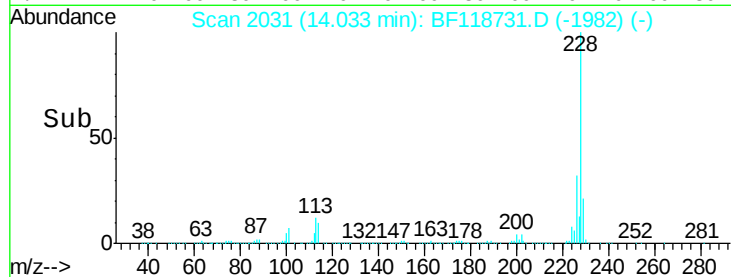
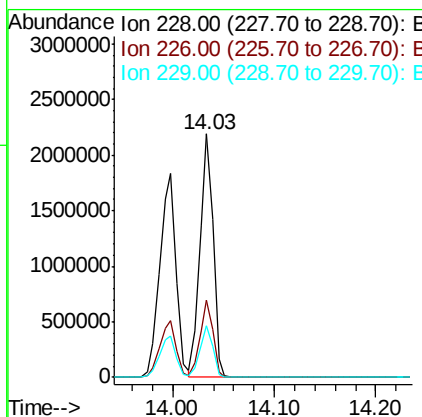
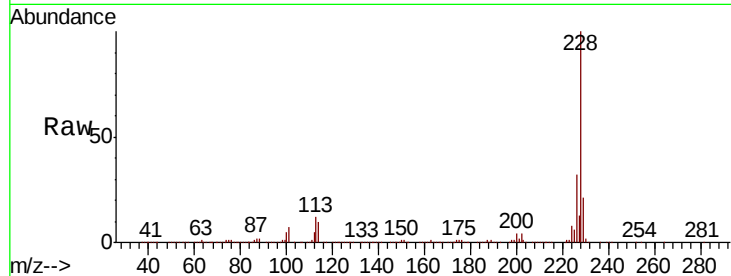
#83
 Chrvsene
 Concen: 45.287 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.5	25.6	38.4	
229	21.3	17.1	25.7	

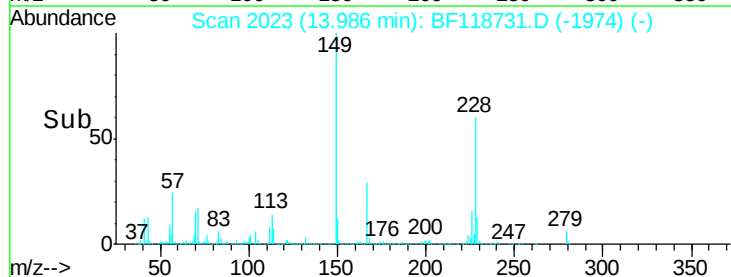
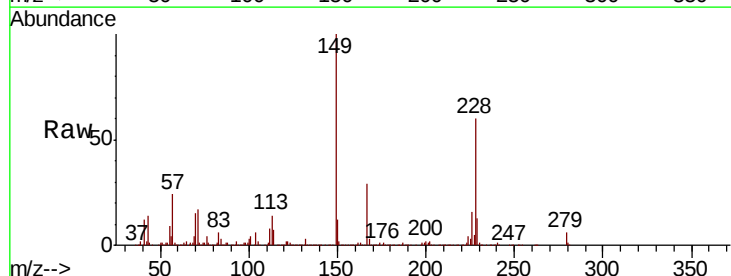
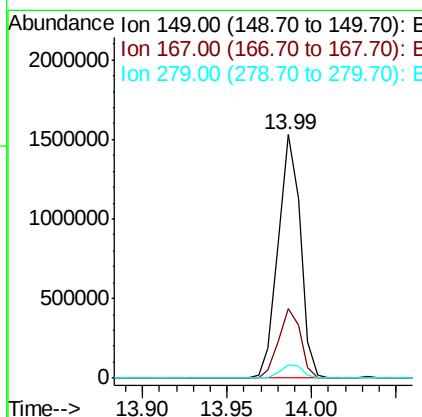
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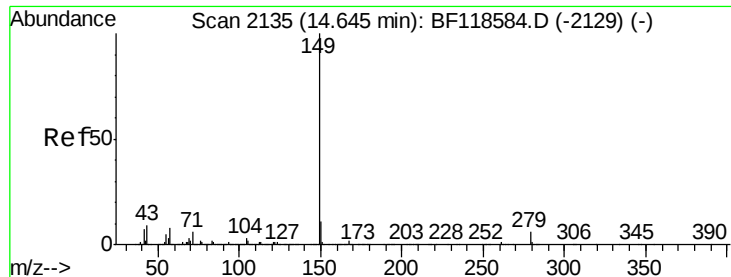
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.432 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118731.D
 Acq: 29 Jan 2020 15:09

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.6	23.6	35.4	
279	5.6	4.5	6.7	





#85

Di-n-octyl phthalate

Concen: 58.740 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMSD

Tot Ion:149 Resp: 2231708

Ion Ratio Lower Upper

149 100

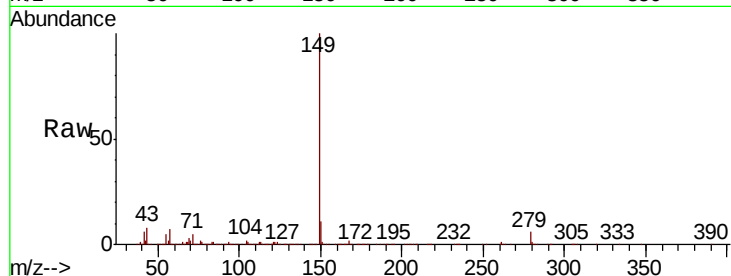
167 1.7 1.4 2.0

43 8.2 6.6 10.0

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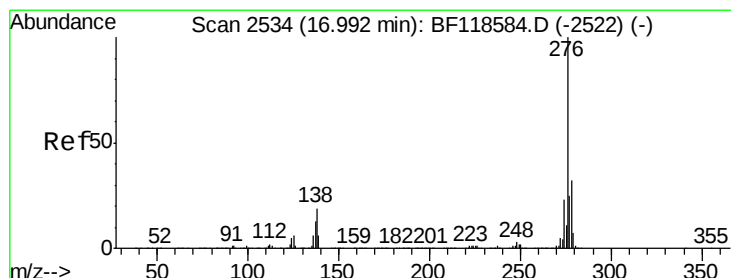
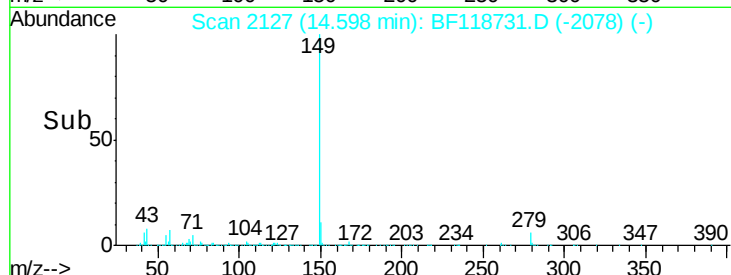
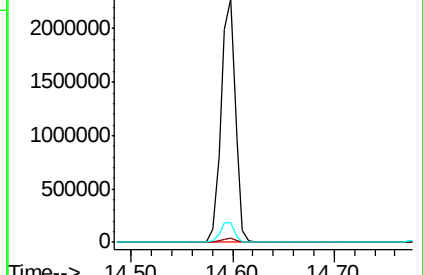
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.378 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

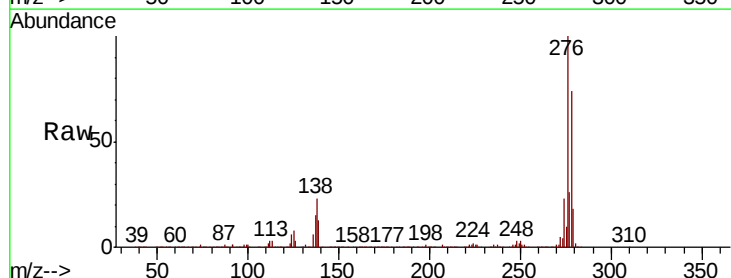
Tgt Ion:276 Resp: 2324875

Ion Ratio Lower Upper

276 100

138 23.3 18.2 27.4

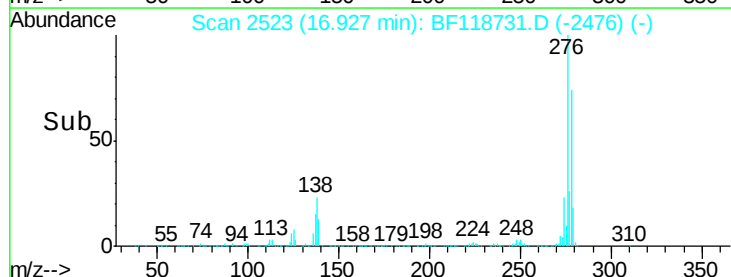
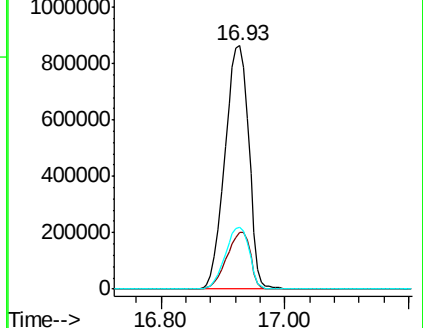
277 25.7 20.4 30.6

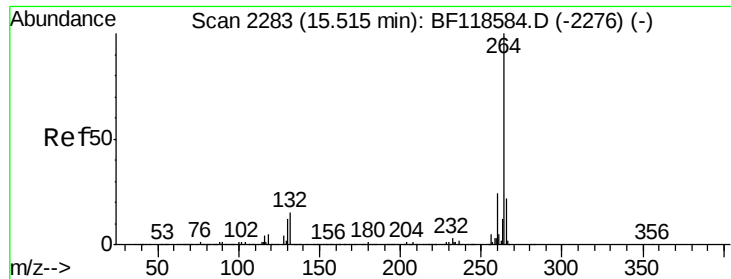


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Instrument :

BNA_F

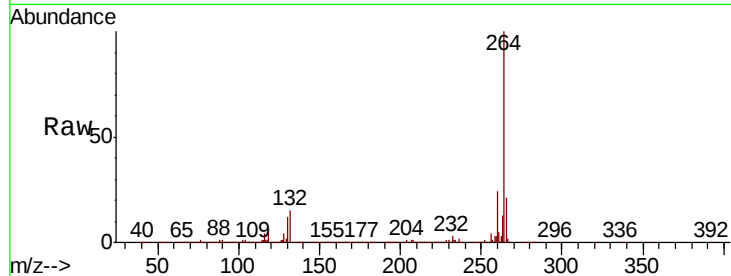
ClientSampleId :

TP-32-33-COMPMSD

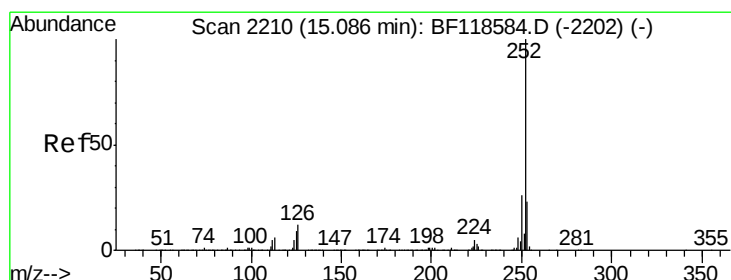
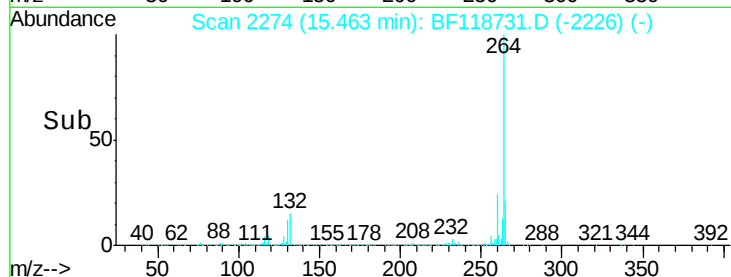
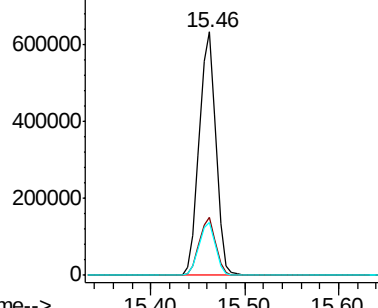
Tot Ion:	264	Resp:	786125
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.6	28.0
265	21.5	17.0	25.6

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



#88

Benzo(b)fluoranthene

Concen: 43.009 ng

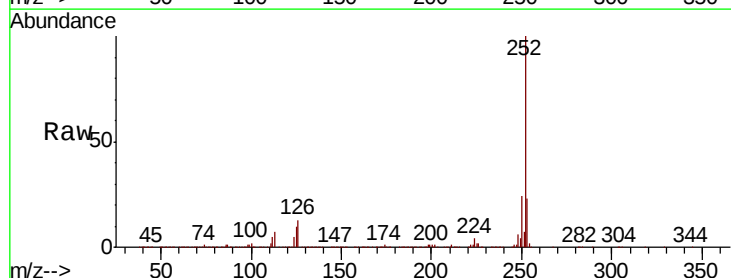
RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

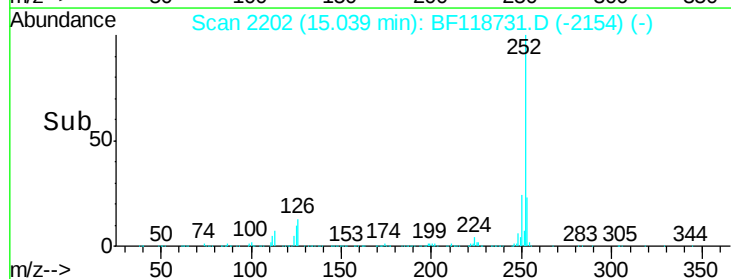
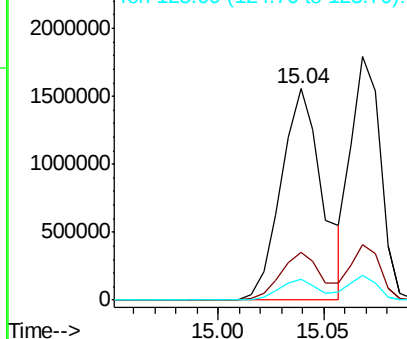
Lab File: BF118731.D

Acq: 29 Jan 2020 15:09

Tgt Ion:	252	Resp:	2125217
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.4
125	9.7	7.7	11.5



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





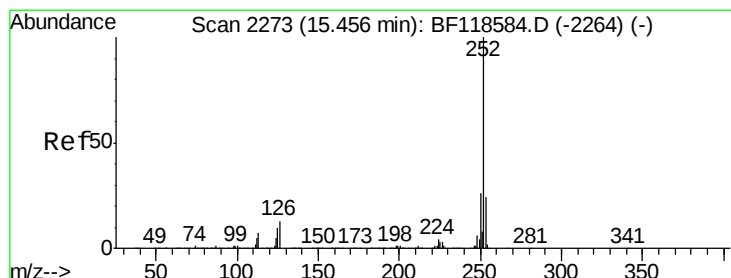
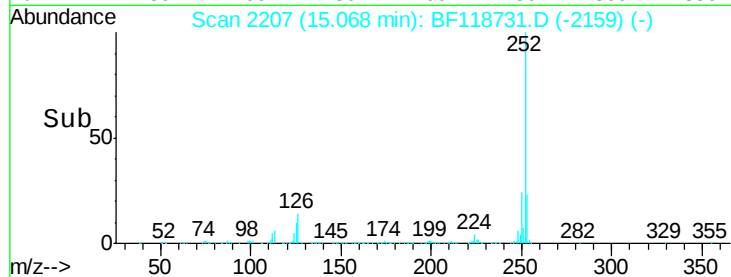
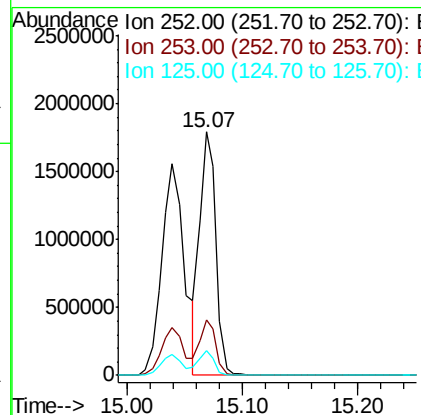
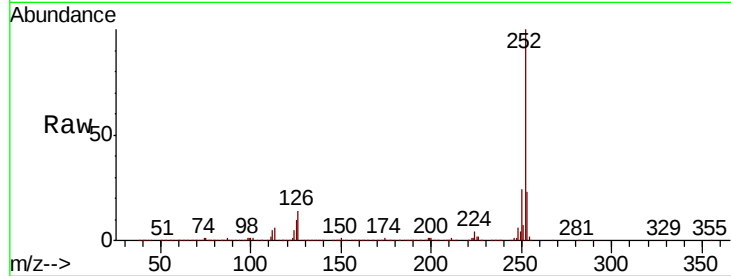
#89
Benzo(k)fluoranthene
Concen: 38.357 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	9.9	8.1	12.1

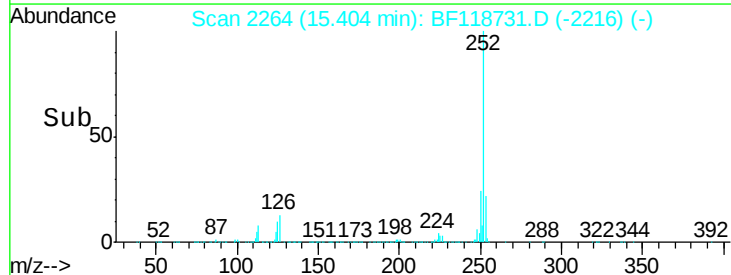
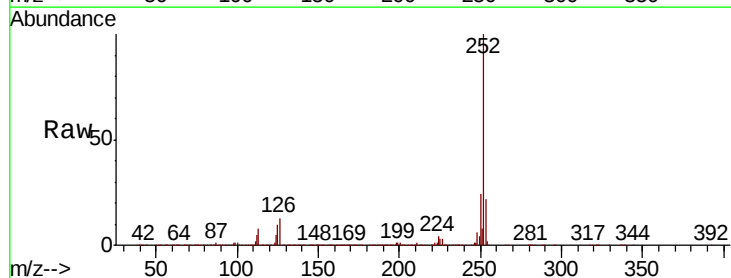
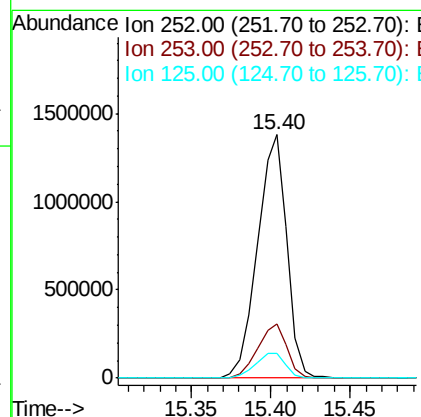
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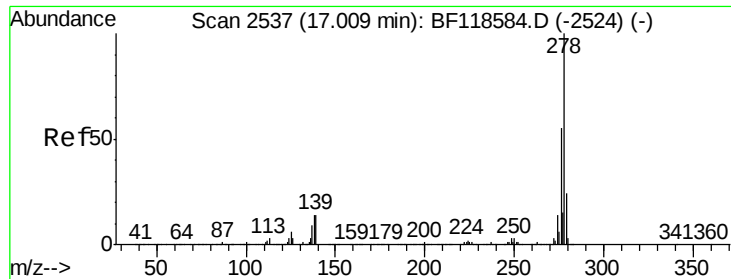
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#90
Benzo(a)pyrene
Concen: 41.592 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.3	8.3	12.5





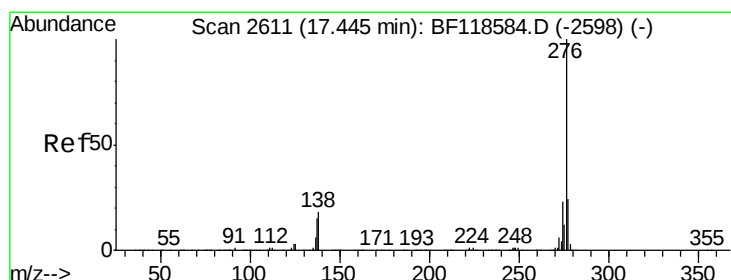
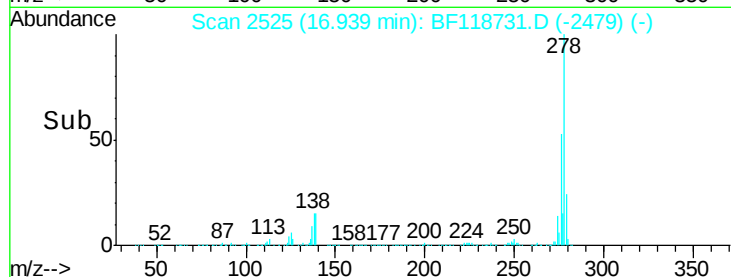
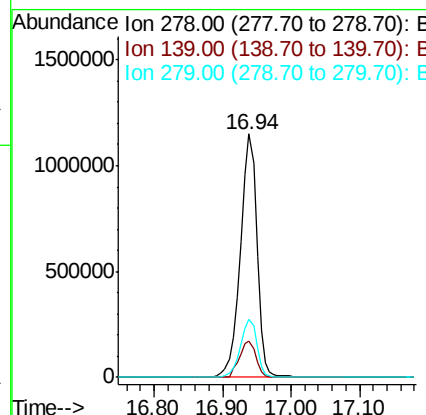
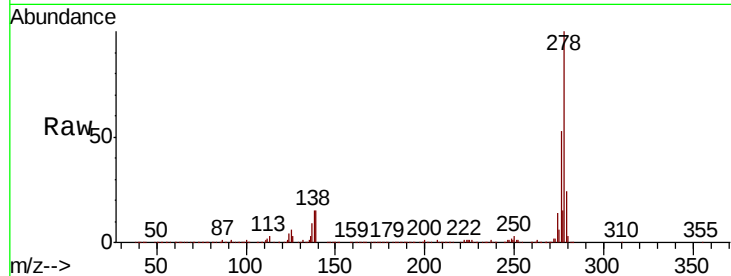
#91
Dibenzo(a,h)anthracene
Concen: 51.010 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	24.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:12 AM



#92
Benzo(g,h,i)perylene
Concen: 54.074 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BF118731.D
Acq: 29 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	20.2	15.4	23.2

