

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119094.D
 Acq On : 26 Feb 2020 14:55
 Operator : CG/JU
 Sample : L1681-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

Manual Integrations
 APPROVED

mohammad
 2/27/2020 4:58:27 PM

Quant Time: Feb 26 16:37:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	159665	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	610701	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	336779	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	633858	20.00	ng	0.00
76) Chrysene-d12	13.90	240	406854	20.00	ng	0.00
87) Perylene-d12	15.32	264	343466	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	853318	89.31	ng	0.00
7) Phenol-d6	6.40	99	1023749	88.11	ng	0.00
23) Nitrobenzene-d5	7.31	82	677221	58.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	372628	84.58	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1292743	56.55	ng	0.00
79) Terphenyl-d14	12.84	244	1455021	61.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	158864	37.347	ng	99
3) Pyridine	3.23	79	400645	34.487	ng	98
4) n-Nitrosodimethylamine	3.17	42	163236	46.384	ng	99
6) Aniline	6.41	93	478777	33.393	ng	97
8) 2-Chlorophenol	6.53	128	492154	47.733	ng	100
9) Benzaldehyde	6.29	77	198379	25.554	ng	96
10) Phenol	6.41	94	572646	45.583	ng	99
11) bis(2-Chloroethyl)ether	6.48	93	438276	45.595	ng	99
12) 1,3-Dichlorobenzene	6.69	146	532603	43.098	ng	98
13) 1,4-Dichlorobenzene	6.76	146	538201	43.521	ng	99
14) 1,2-Dichlorobenzene	6.92	146	502875	44.588	ng	99
15) Benzyl Alcohol	6.90	79	405391	48.273	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	353184	42.416	ng	83
17) 2-Methylphenol	7.02	107	390993	46.773	ng	99
18) Hexachloroethane	7.26	117	193449	43.724	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	312825	46.203	ng	98
20) 3+4-Methylphenols	7.17	107	476729	46.549	ng	96
22) Acetophenone	7.16	105	635468	44.973	ng	# 98
24) Nitrobenzene	7.33	77	494485	43.232	ng	98
25) Isophorone	7.57	82	895281	44.570	ng	100
26) 2-Nitrophenol	7.65	139	275654	45.485	ng	99
27) 2,4-Dimethylphenol	7.69	122	408591	49.677	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	542860	41.520	ng	99
29) 2,4-Dichlorophenol	7.89	162	423627	43.751	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	473812	41.272	ng	98
31) Naphthalene	8.05	128	1372618	43.338	ng	99
32) Benzoic acid	7.85	122	267592	45.062	ng	93
33) 4-Chloroaniline	8.10	127	198001	14.535	ng	98
34) Hexachlorobutadiene	8.17	225	286947	40.127	ng	98
35) Caprolactam	8.48	113	135546m	45.463	ng	
36) 4-Chloro-3-methylphenol	8.60	107	446628	45.577	ng	99
37) 2-Methylnaphthalene	8.74	142	936606	43.943	ng	100
38) 1-Methylnaphthalene	8.84	142	880745	43.938	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	464039	40.867	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	349324	83.988	nq	100
43) 2,4,6-Trichlorophenol	9.03	196	303114	42.273	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	325271	43.229	nq	97
46) 1,1'-Biphenyl	9.20	154	1131470	41.570	nq	99
47) 2-Chloronaphthalene	9.23	162	895460	40.825	nq	99
48) 2-Nitroaniline	9.33	65	255646	41.787	nq	98
49) Acenaphthylene	9.65	152	1388268	43.822	nq	100
50) Dimethylphthalate	9.51	163	1181519	45.879	nq	99
51) 2,6-Dinitrotoluene	9.57	165	254437	44.470	nq	98
52) Acenaphthene	9.82	154	803378	42.057	nq	99
53) 3-Nitroaniline	9.74	138	141031	22.234	nq	97
54) 2,4-Dinitrophenol	9.86	184	212319	76.693	nq	# 91
55) Dibenzofuran	9.99	168	1227111	43.039	nq	99
56) 4-Nitrophenol	9.92	139	310868	81.571	nq	94
57) 2,4-Dinitrotoluene	9.98	165	321520	43.354	nq	94
58) Fluorene	10.33	166	970174	43.790	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	273570	43.088	nq	99
60) Diethylphthalate	10.20	149	1077167	44.385	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	509362	43.434	nq	94
62) 4-Nitroaniline	10.36	138	249452	38.439	nq	95
63) Azobenzene	10.48	77	944037	44.752	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	182168	47.495	nq	99
66) n-Nitrosodiphenylamine	10.44	169	890689	42.915	nq	100
67) 4-Bromophenyl-phenylether	10.81	248	342455	41.333	nq	93
68) Hexachlorobenzene	10.88	284	386558	40.466	nq	97
69) Atrazine	10.97	200	314084	43.313	nq	98
70) Pentachlorophenol	11.08	266	322035	83.689	nq	99
71) Phenanthrene	11.29	178	1438551	41.616	nq	98
72) Anthracene	11.34	178	1506636	43.622	nq	99
73) Carbazole	11.50	167	1281630	41.652	nq	98
74) Di-n-butylphthalate	11.83	149	1634757	43.871	nq	98
75) Fluoranthene	12.47	202	1503971	40.989	nq	99
77) Benzidine	12.59	184	666876	40.303	nq	99
78) Pyrene	12.70	202	1483756	45.417	nq	100
80) Butylbenzylphthalate	13.32	149	634095	46.117	nq	97
81) Benzo(a)anthracene	13.89	228	1140462	41.140	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	277137	25.746	nq	99
83) Chrysene	13.93	228	1106777	40.068	nq	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	839680	48.338	nq	99
85) Di-n-octyl phthalate	14.49	149	1258627	45.475	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1140397	42.638	nq	100
88) Benzo(b)fluoranthene	14.92	252	945450	41.761	nq	100
89) Benzo(k)fluoranthene	14.94	252	976127	46.526	nq	99
90) Benzo(a)pyrene	15.26	252	859869	42.083	nq	100
91) Dibenzo(a,h)anthracene	16.73	278	950512	52.870	nq	99
92) Benzo(g,h,i)perylene	17.14	276	1001910	56.403	nq	99

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

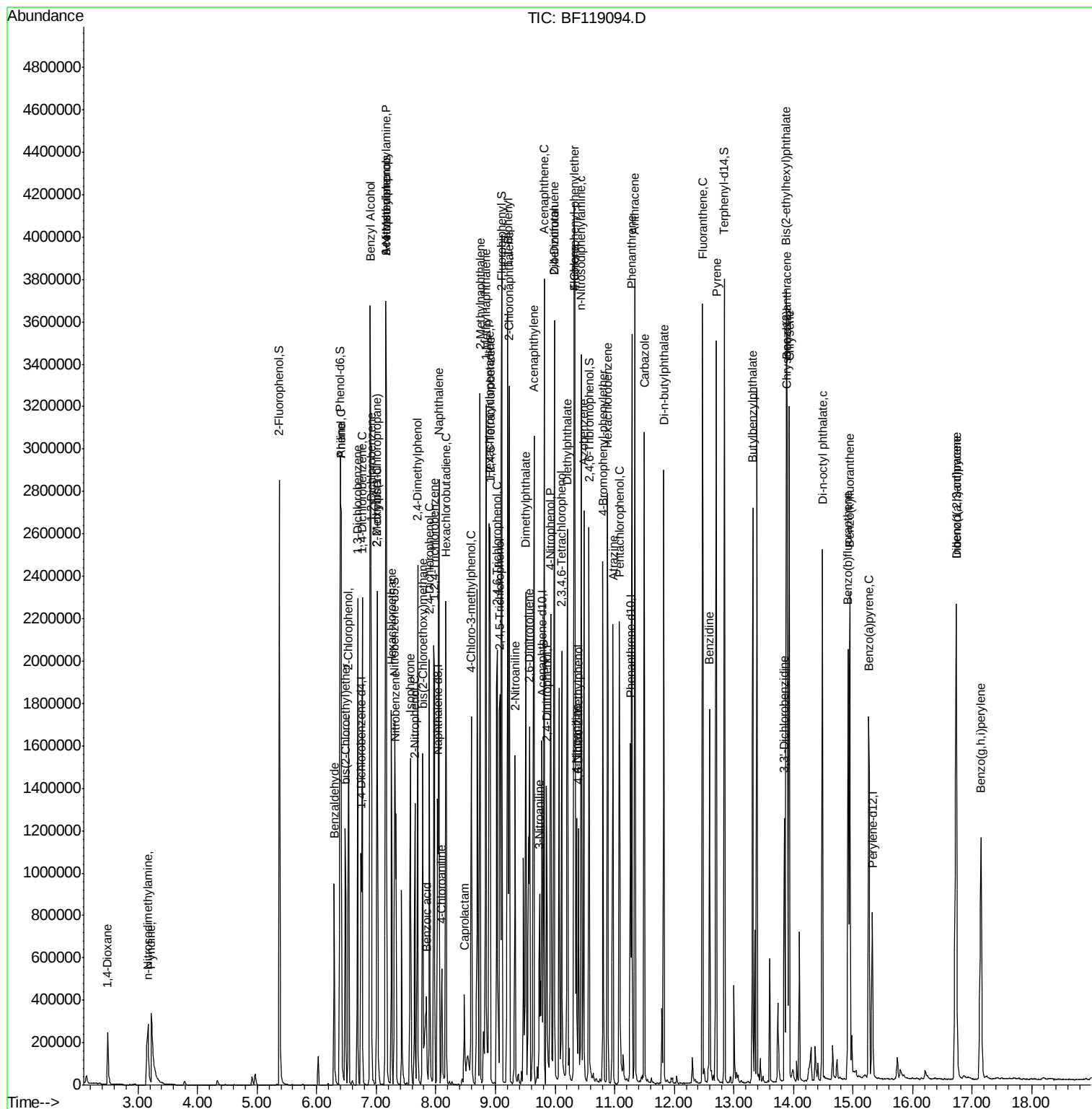
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\  
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Acq On    : 26 Feb 2020  14:55  
Operator  : CG/JU  
Sample    : L1681-02MSD  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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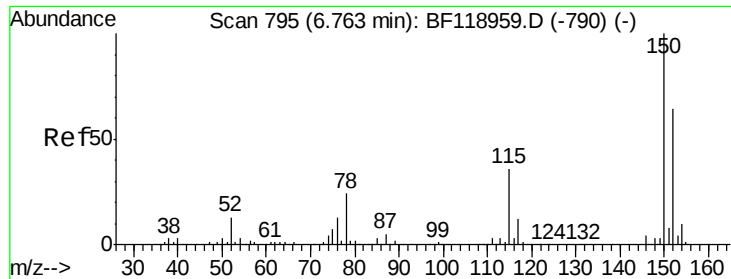
Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

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#1

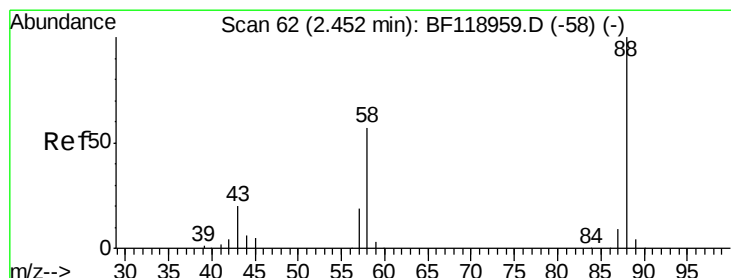
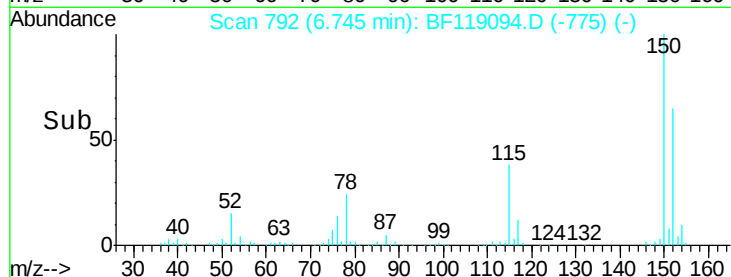
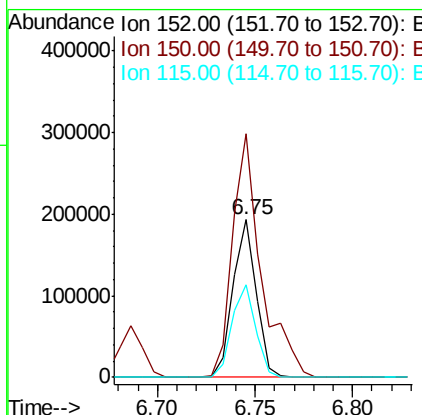
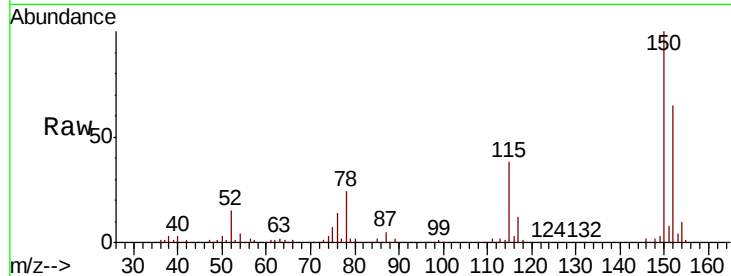
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.6
115	58.6	49.5	74.3

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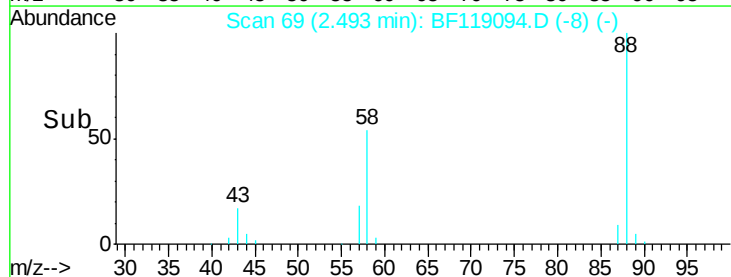
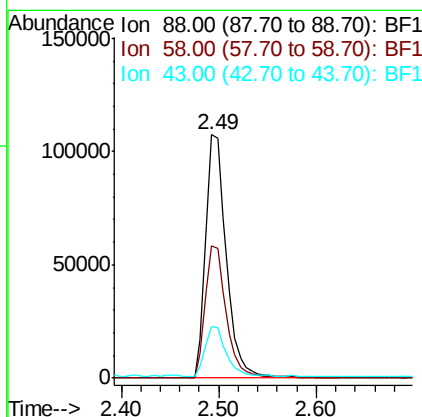
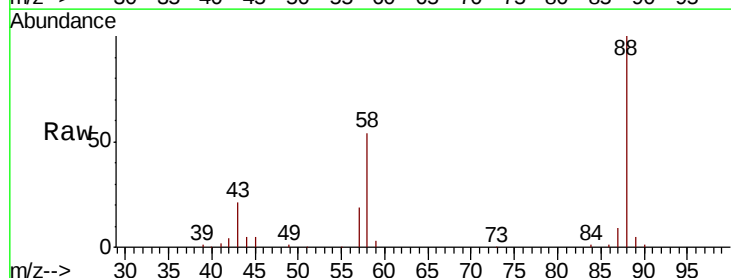
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#2

1,4-Dioxane
Concen: 37.347 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	43.8	65.6
43	20.5	16.2	24.4





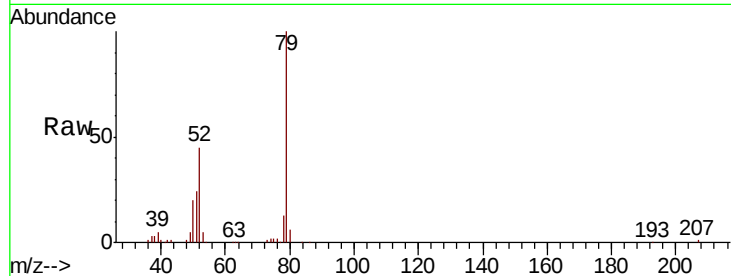
#3
 Pvridine
 Concen: 34.487 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

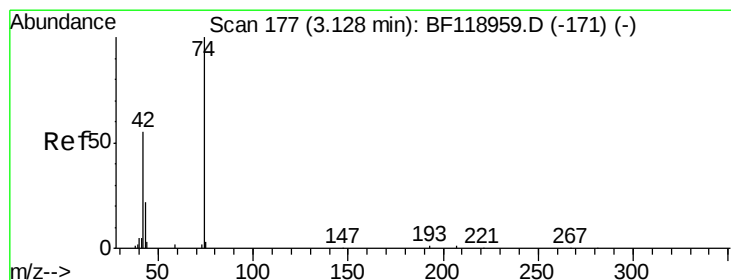
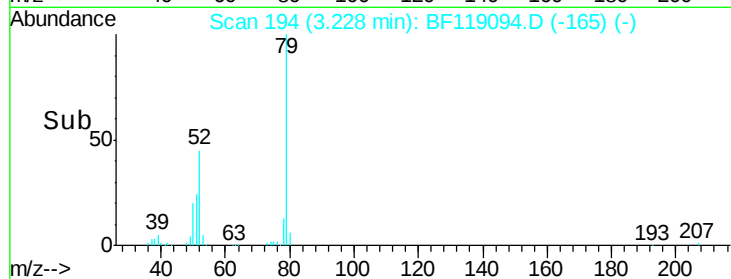
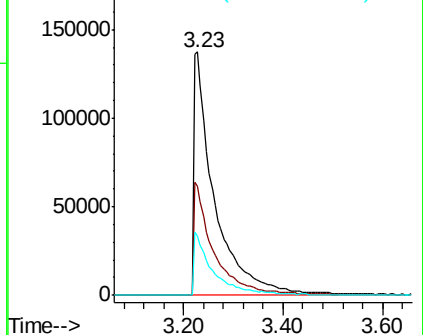
Tot Ion	Ratio	Lower	Upper
79	100		
52	45.1	37.4	56.0
51	24.2	19.8	29.6

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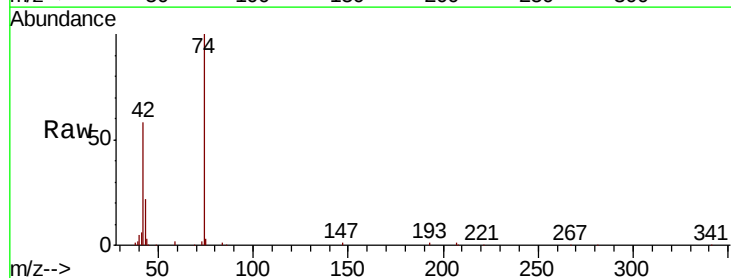


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

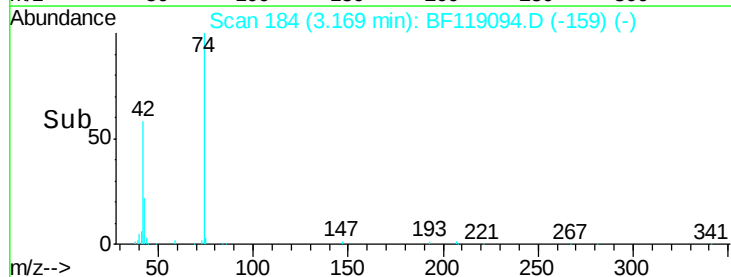
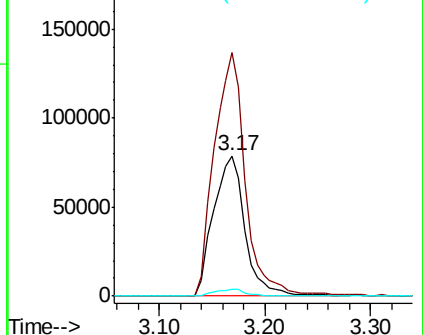


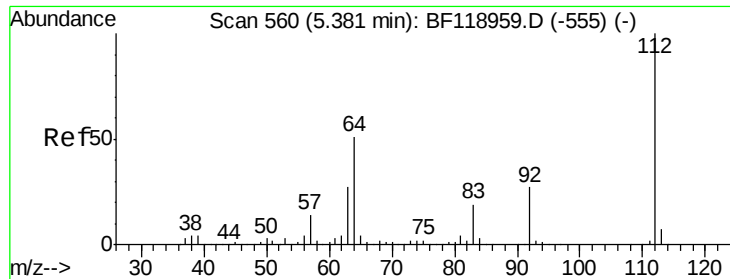
#4
 n-Nitrosodimethylamine
 Concen: 46.384 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.05 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	173.3	137.7	206.5
44	5.3	4.5	6.7



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





#5

2-Fluorophenol

Concen: 89.315 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

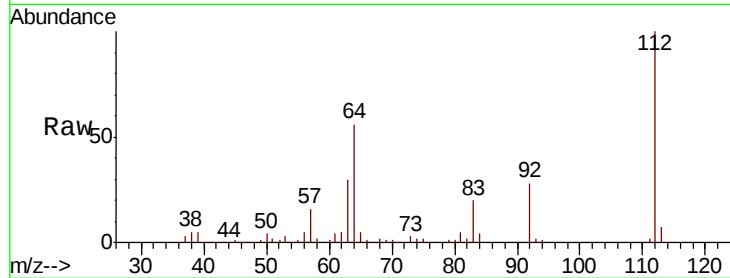
ClientSampleId :

SH-BORING-2MSD

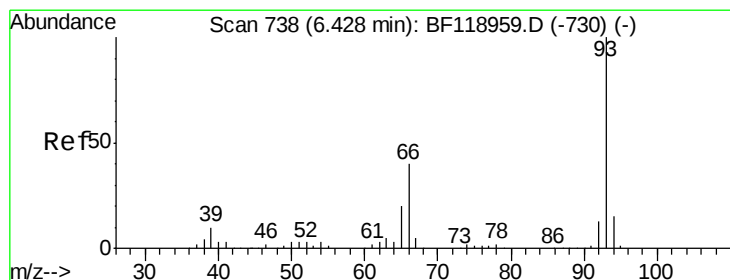
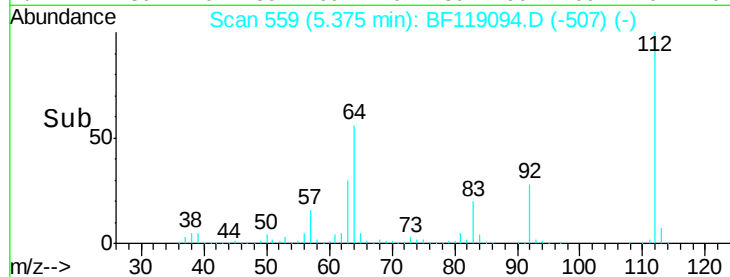
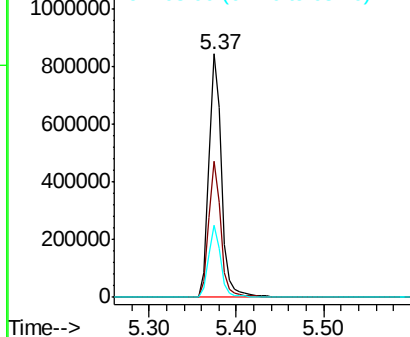
Tot Ion:	112	Resp:	853318
Ion Ratio	Lower	Upper	
112	100		
64	55.8	45.0	67.4
63	29.6	24.2	36.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.393 ng

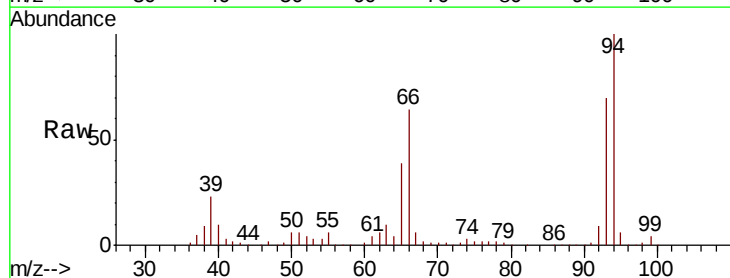
RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

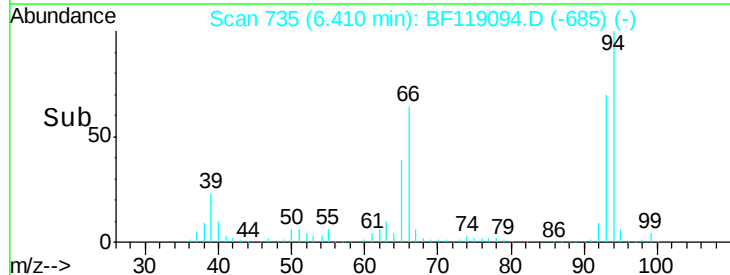
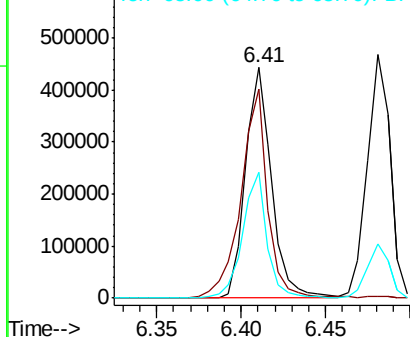
Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:	93	Resp:	478777
Ion Ratio	Lower	Upper	
93	100		
66	90.4	74.5	111.7
65	54.8	45.3	67.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.106 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

ClientSampleId :

SH-BORING-2MSD

Tot Ion: 99 Resp: 1023749

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

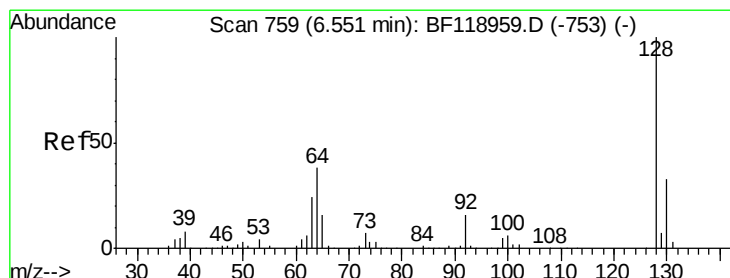
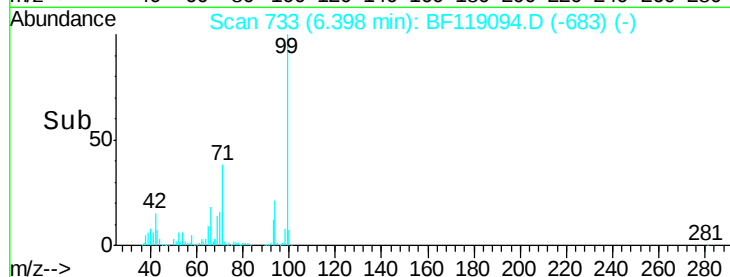
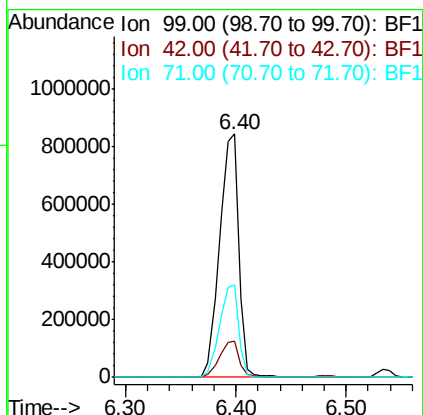
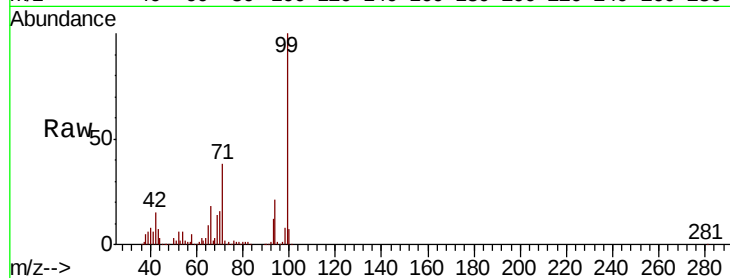
71 37.8 31.0 46.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.733 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

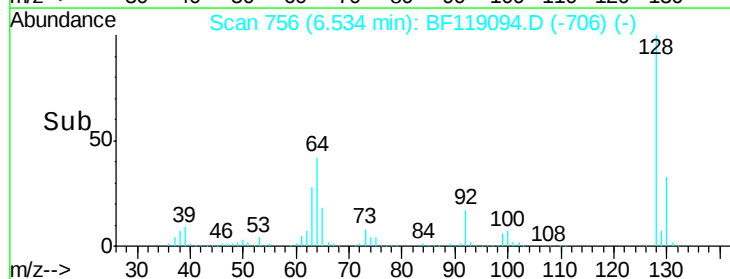
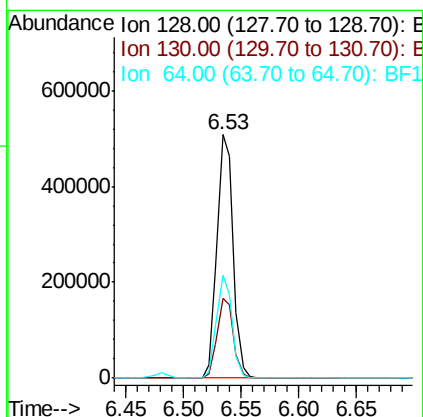
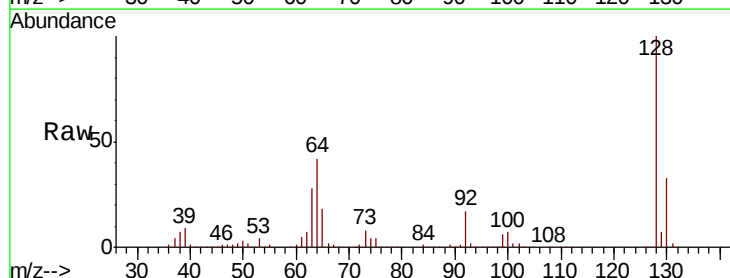
Tgt Ion: 128 Resp: 492154

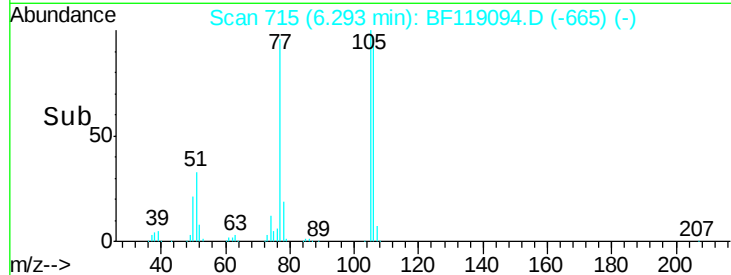
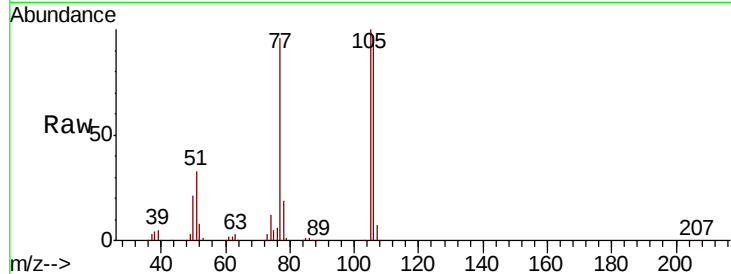
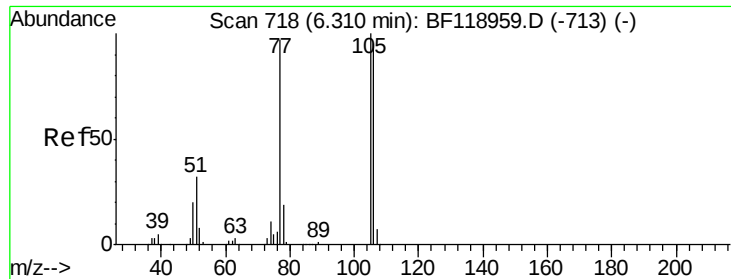
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 42.1 22.3 62.3





#9

Benzaldehyde

Concen: 25.554 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tot Ion:	77	Resp:	198379
Ion Ratio	Lower	Upper	
77	100		
105	104.1	80.1	120.1
106	100.6	75.9	115.9

Instrument :

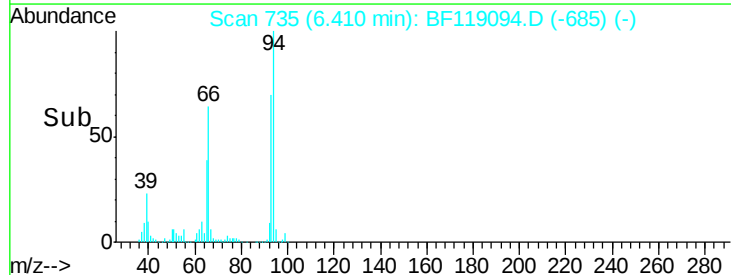
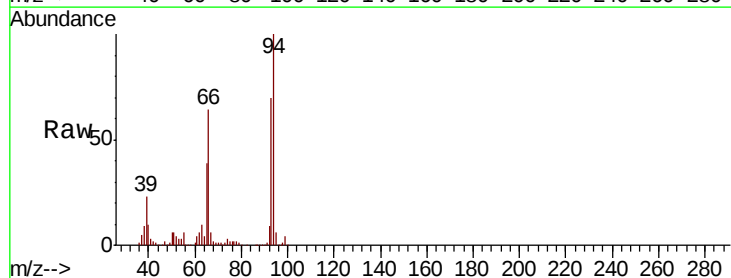
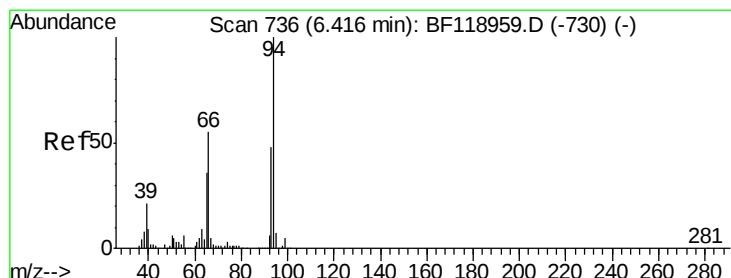
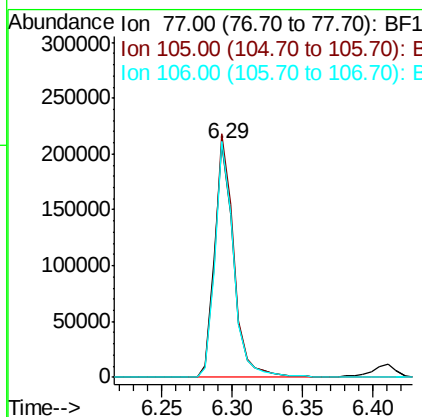
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 45.583 ng

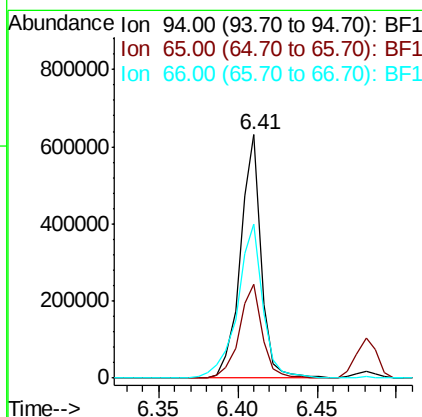
RT: 6.41 min Scan# 735

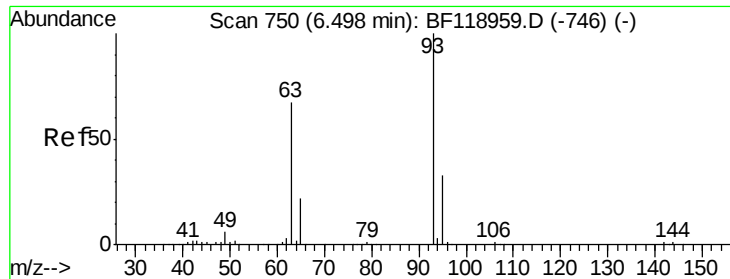
Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:	94	Resp:	572646
Ion Ratio	Lower	Upper	
94	100		
65	38.5	19.2	59.2
66	63.5	44.4	84.4





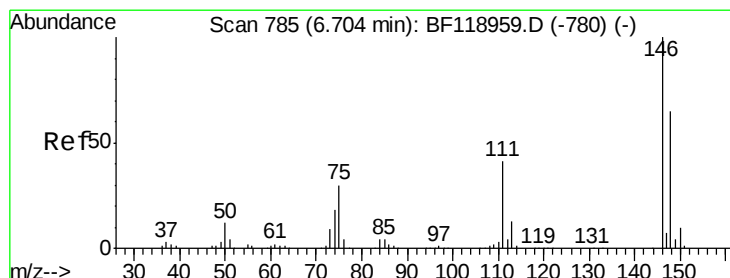
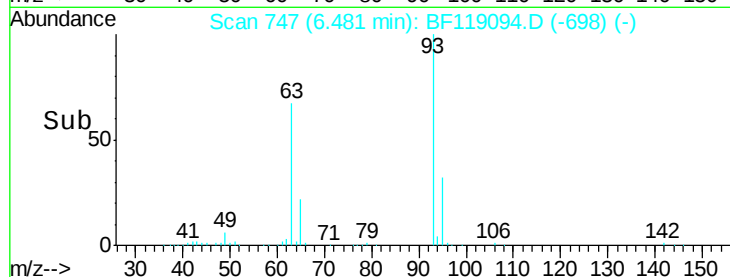
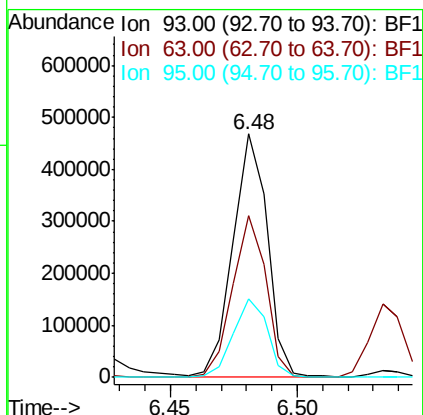
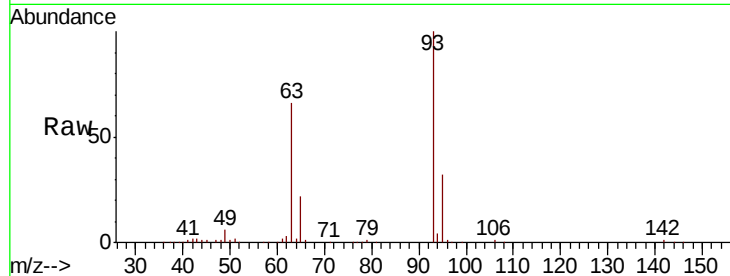
#11
bis(2-Chloroethyl)ether
Concen: 45.595 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.2	45.4	85.4
95	32.2	13.5	53.5

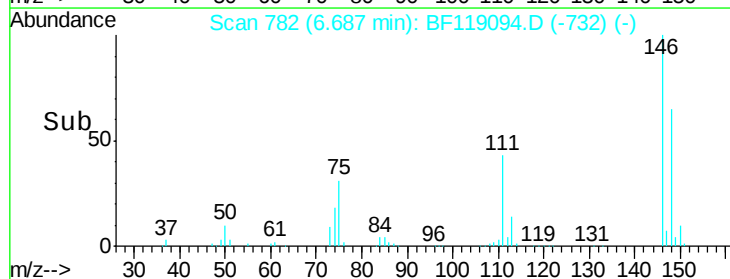
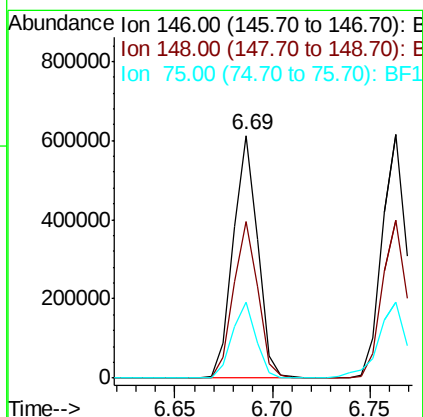
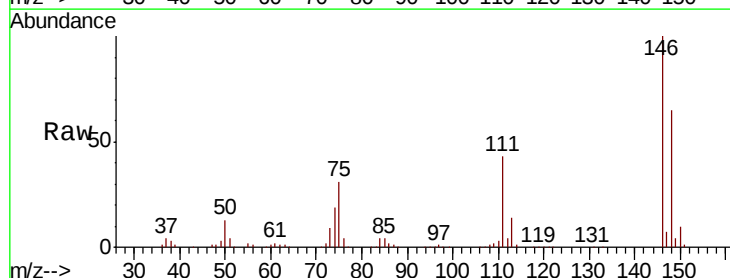
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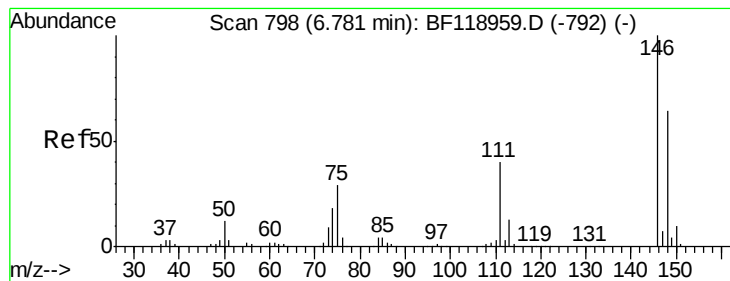
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#12
1,3-Dichlorobenzene
Concen: 43.098 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.5	78.7
75	31.4	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 43.521 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

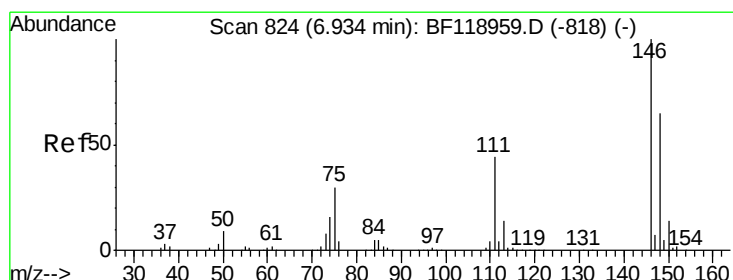
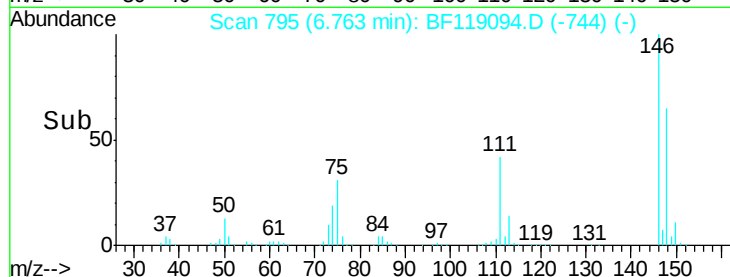
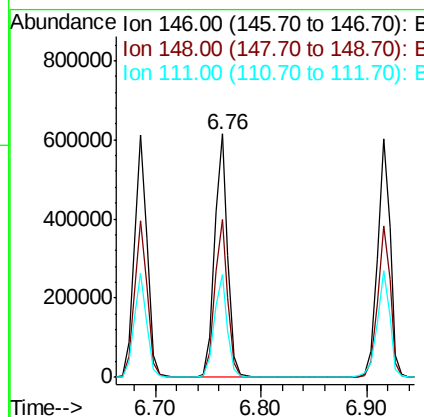
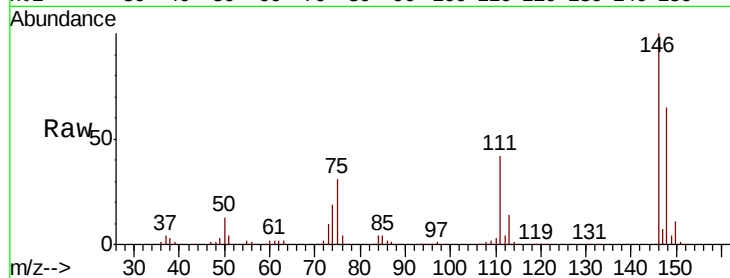
ClientSampleId :

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Tot Ion:	146	Resp:	538201
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
111	42.1	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 44.588 ng

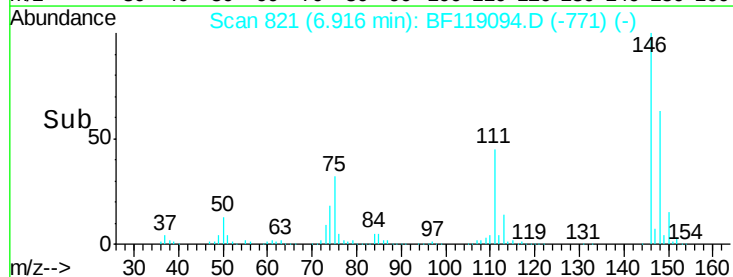
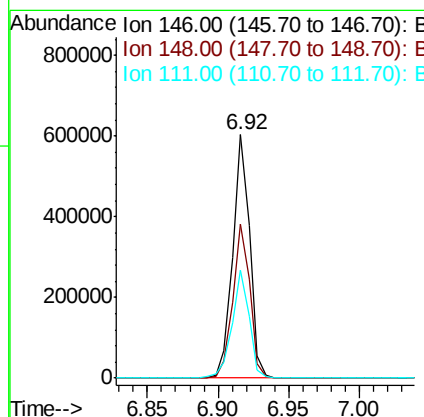
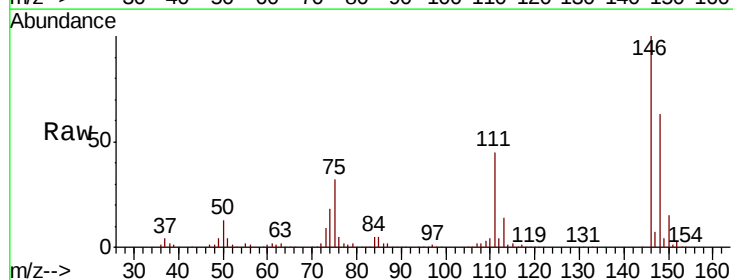
RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:	146	Resp:	502875
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
111	44.5	36.2	54.2





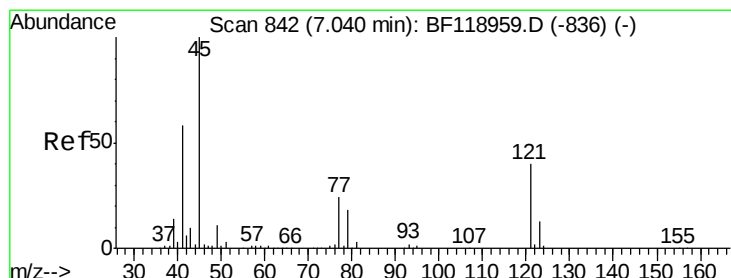
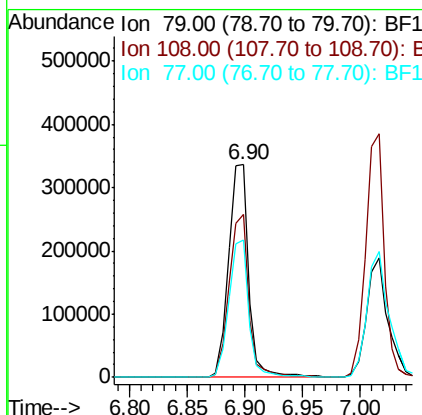
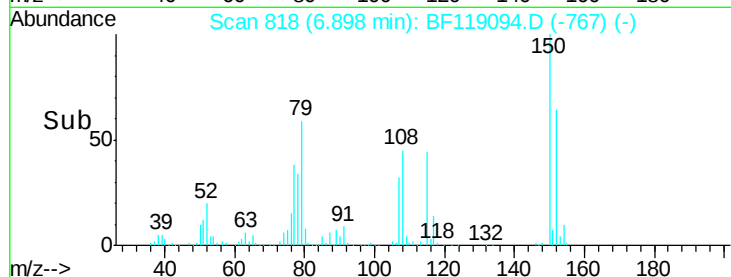
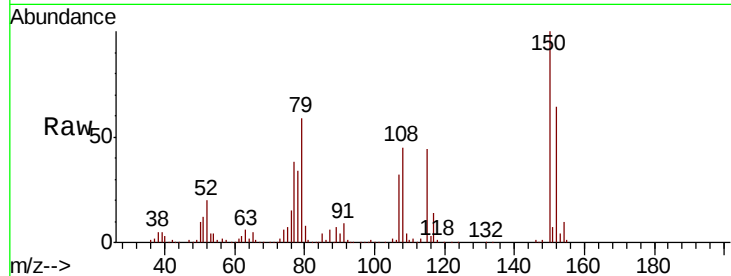
#15
Benzyl Alcohol
Concen: 48.273 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	58.2	87.2
77	64.5	51.2	76.8

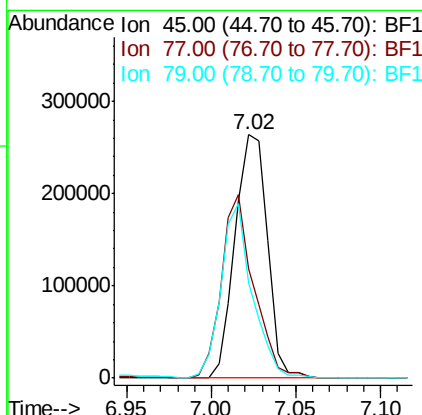
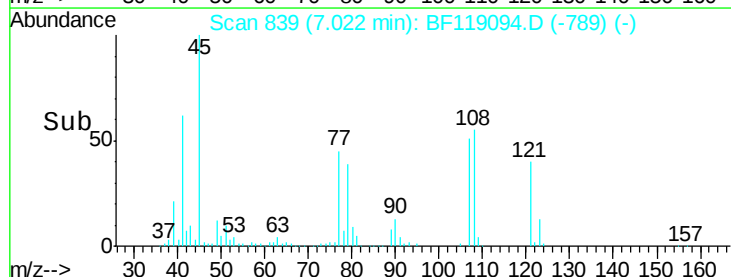
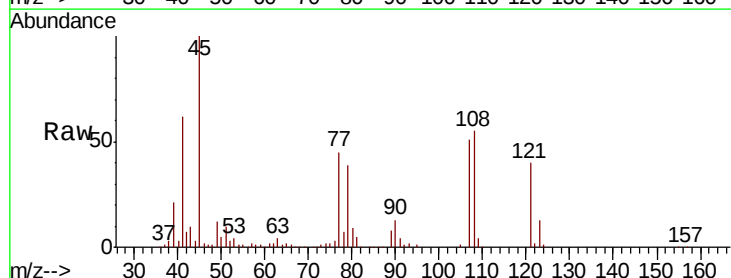
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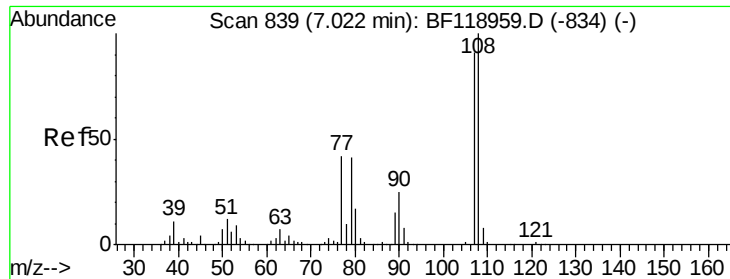
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.416 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	45.0	15.0	55.0
79	38.9	9.4	49.4





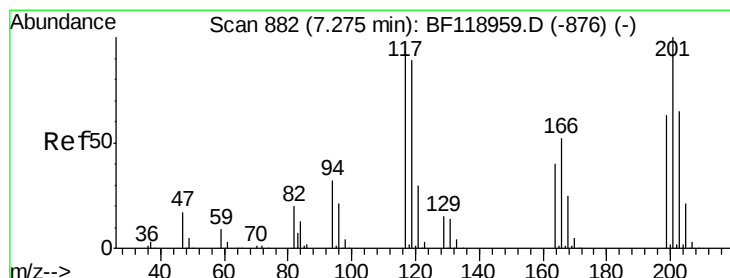
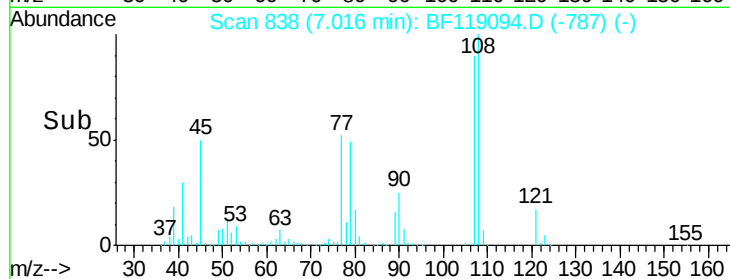
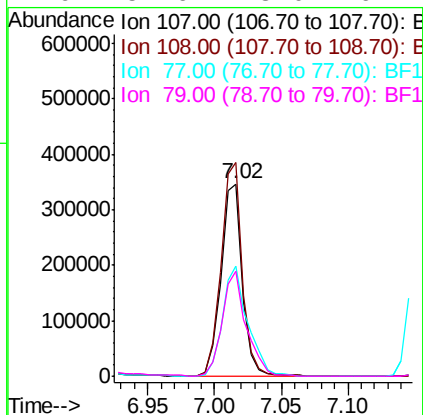
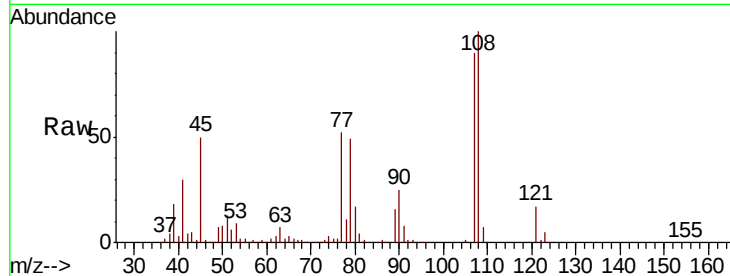
#17
2-Methylphenol
Concen: 46.773 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	87.9	131.9	
77	57.6	45.3	67.9	
79	54.6	43.0	64.4	

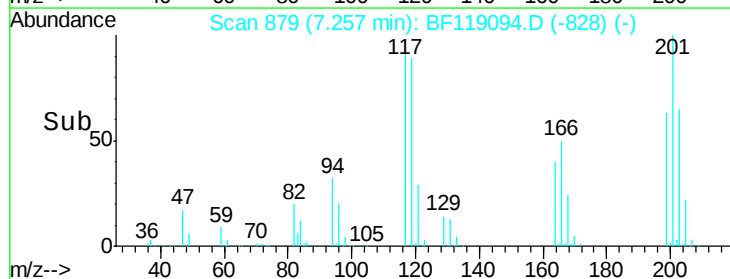
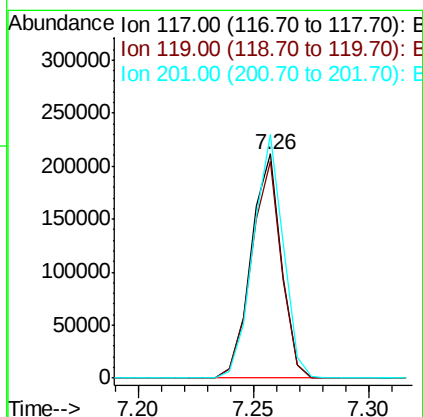
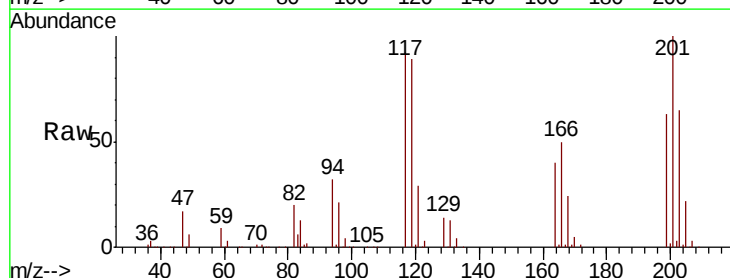
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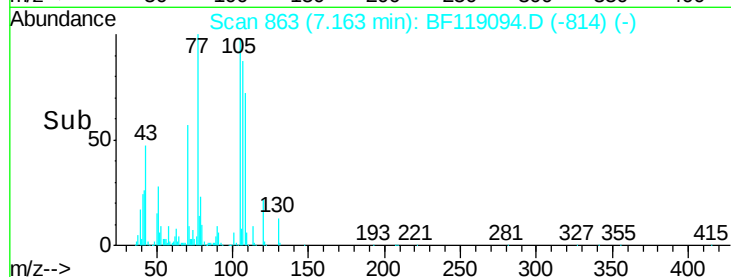
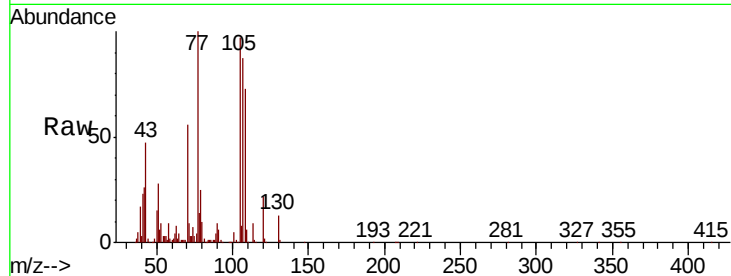
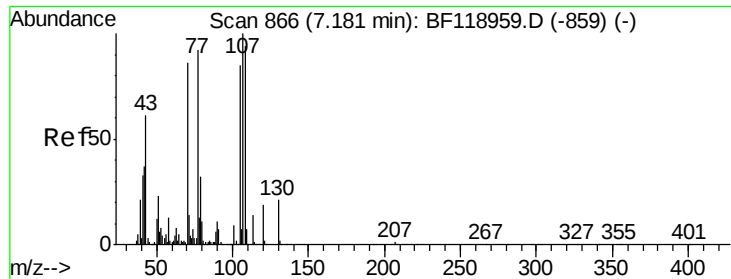
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#18
Hexachloroethane
Concen: 43.724 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.5	116.3	
201	108.7	82.6	123.8	





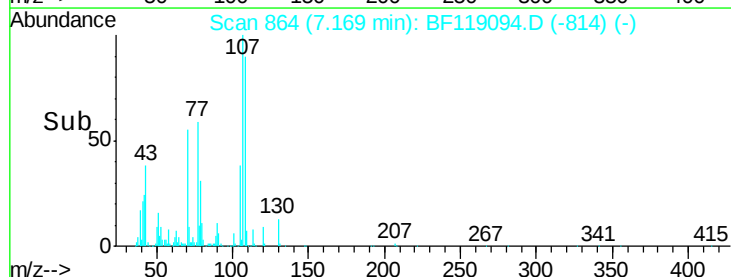
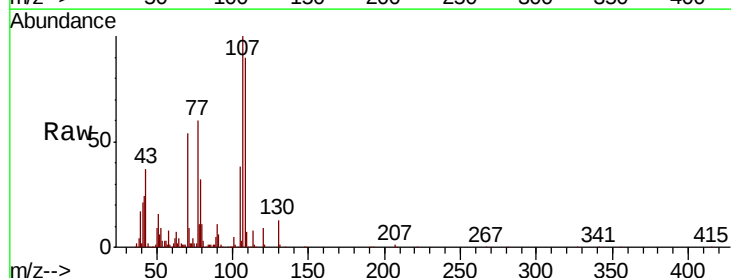
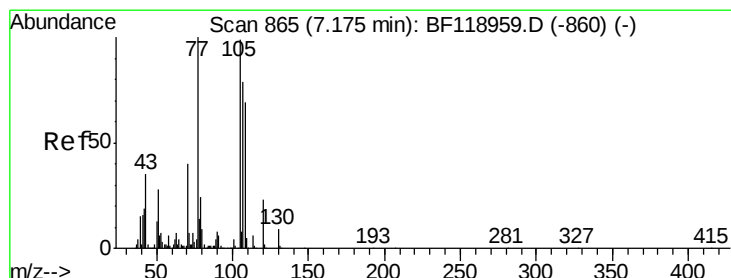
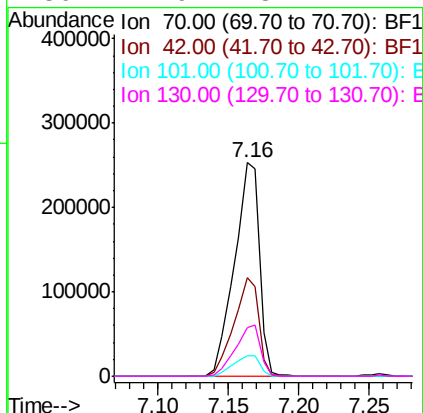
#19
n-Nitroso-di-n-propylamine
Concen: 46.203 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	38.0	57.0
101	9.7	8.2	12.4
130	22.9	18.2	27.4

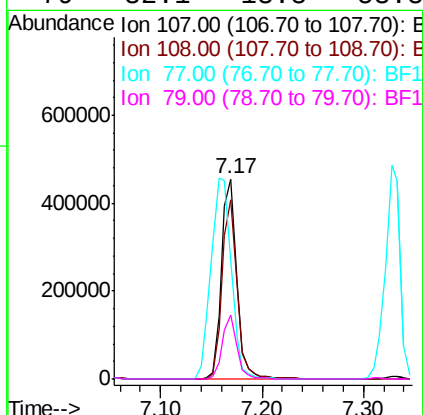
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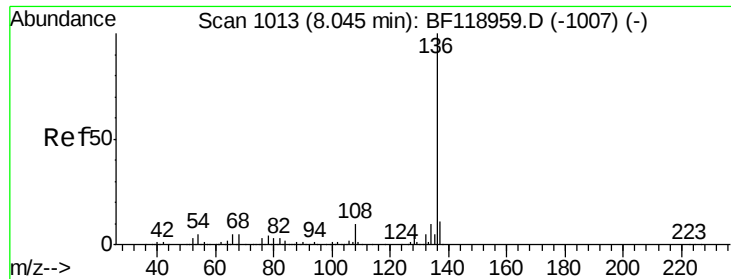
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#20
3+4-Methylphenols
Concen: 46.549 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.5	111.5
77	59.9	45.9	85.9
79	32.1	13.8	53.8





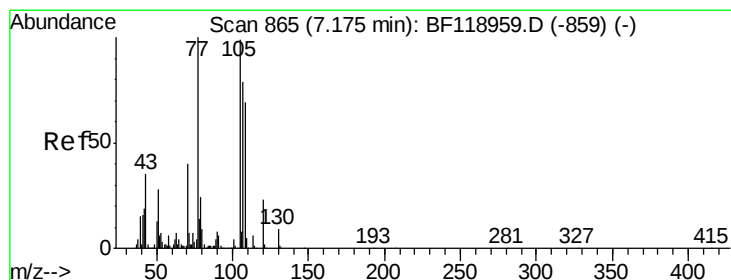
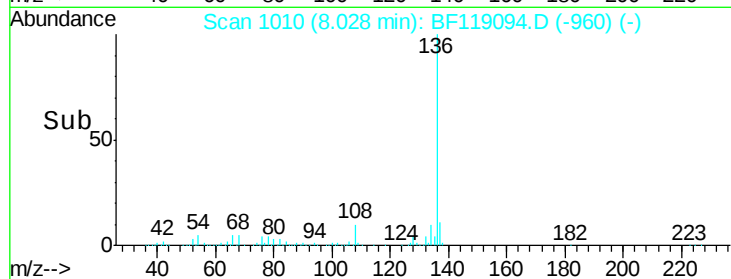
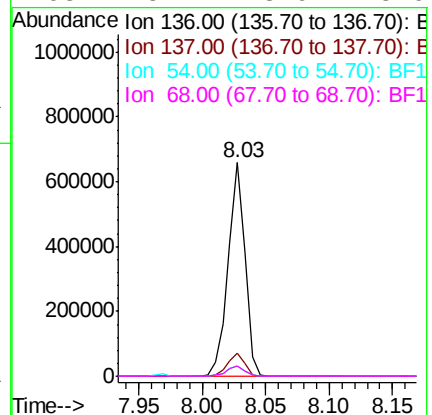
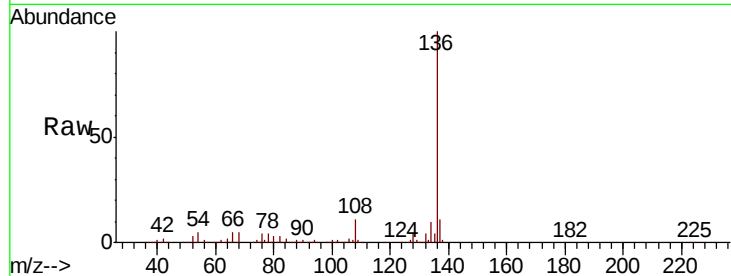
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	610701		
137	11.0		8.8	13.2
54	5.0		3.8	5.6
68	5.1		3.9	5.9

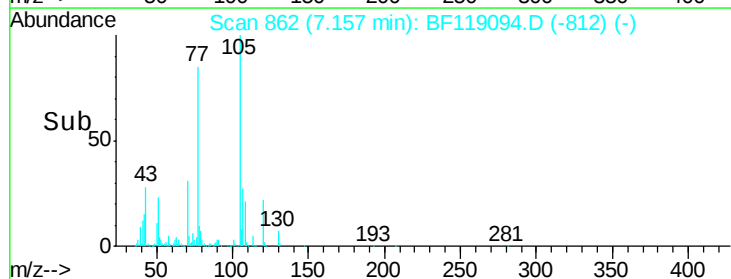
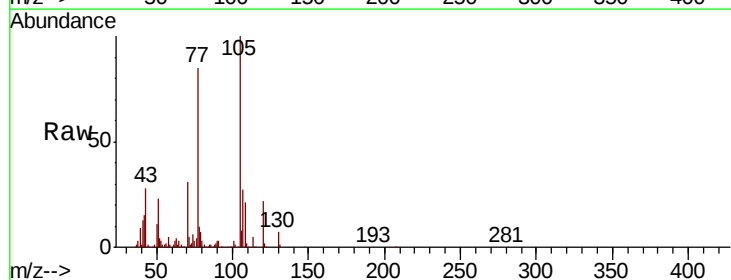
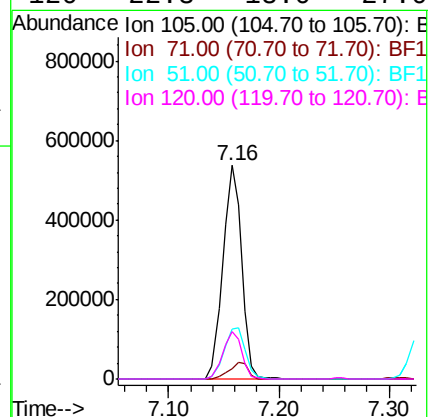
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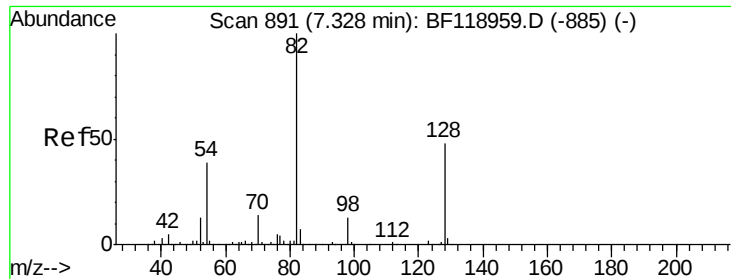
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#22
Acetophenone
Concen: 44.973 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	635468		
71	5.1		3.0	4.4#
51	23.3		20.1	30.1
120	22.3		18.0	27.0





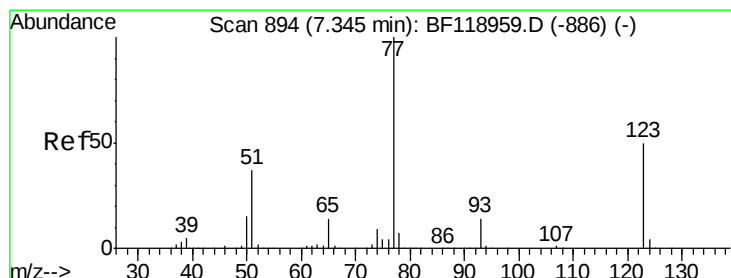
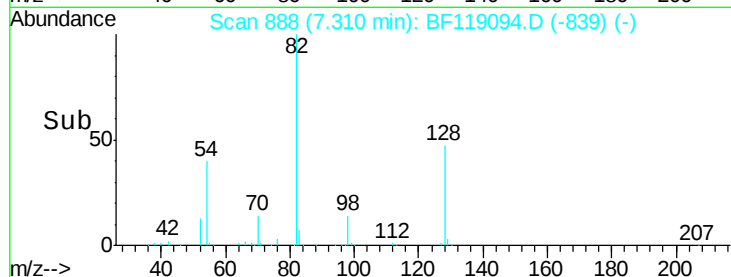
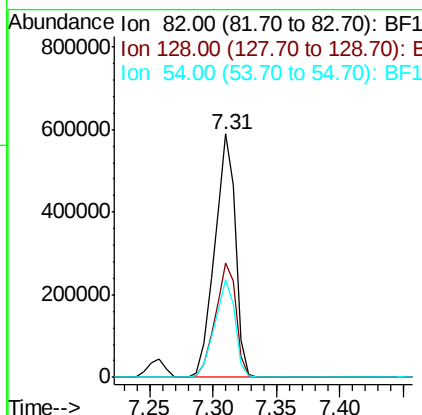
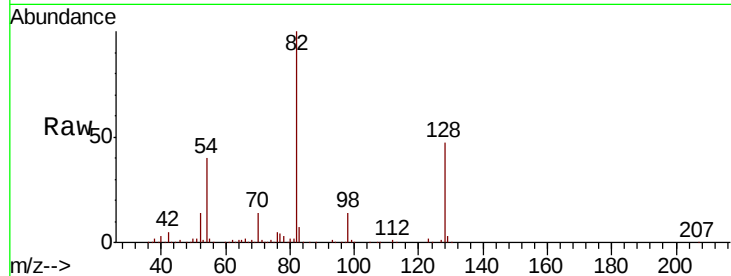
#23
Nitrobenzene-d5
Concen: 58.551 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	677221		
128	46.7		37.9	56.9
54	40.0		33.4	50.2

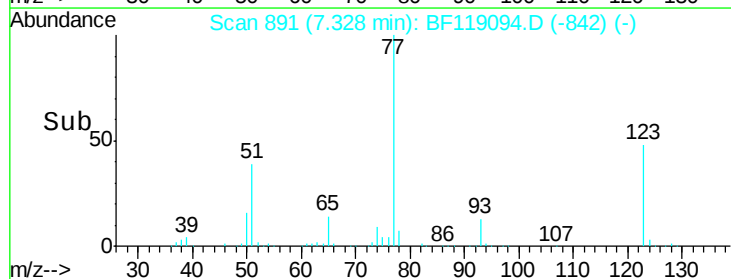
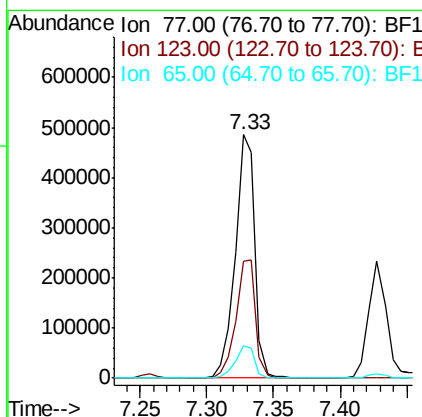
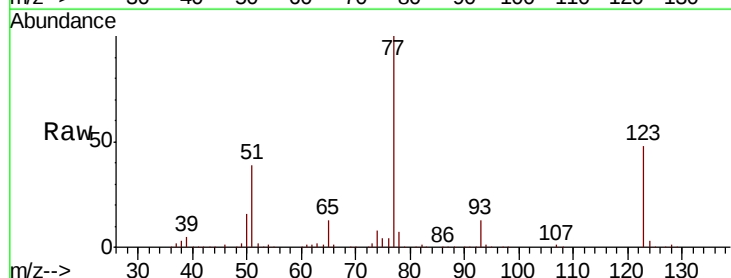
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#24
Nitrobenzene
Concen: 43.232 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	494485		
123	48.1		40.2	60.2
65	13.5		10.8	16.2





#25

Isophorone

Concen: 44.570 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

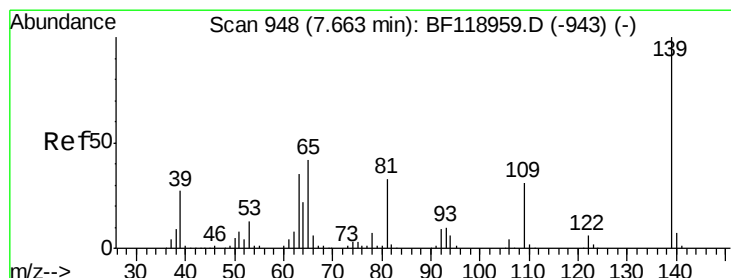
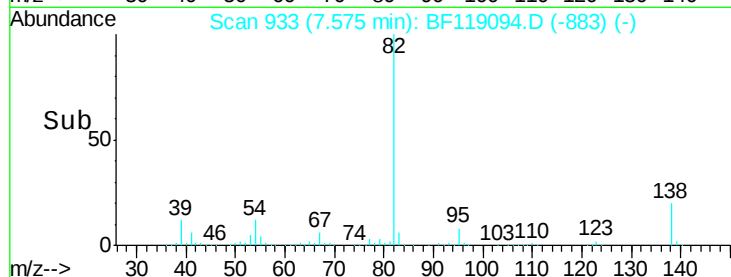
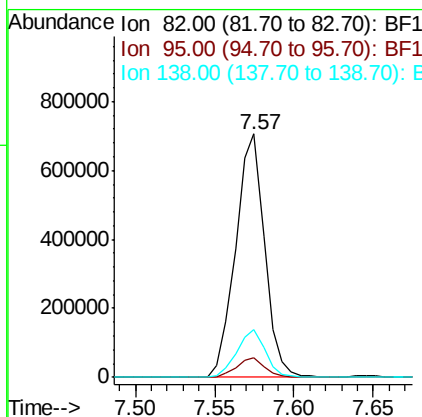
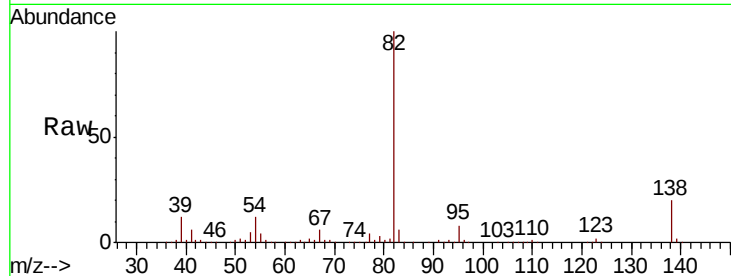
ClientSampleId :

SH-BORING-2MSD

Tot Ion:	82	Resp:	895281
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.4	9.6
138	19.8	15.7	23.5

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#26

2-Nitrophenol

Concen: 45.485 ng

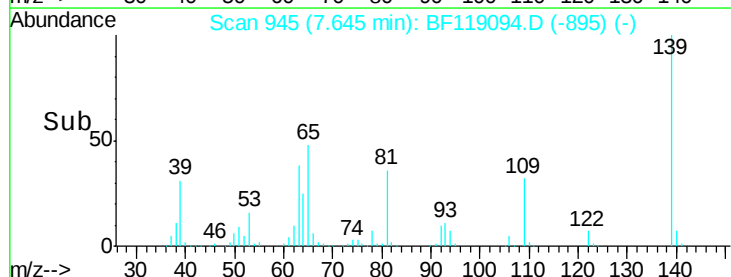
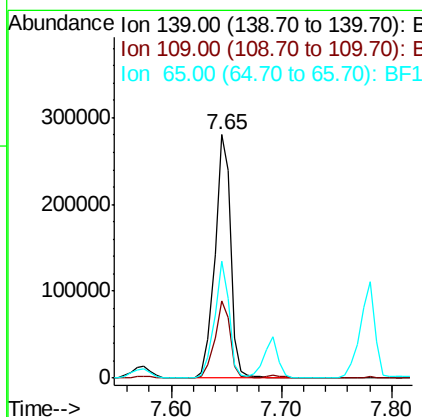
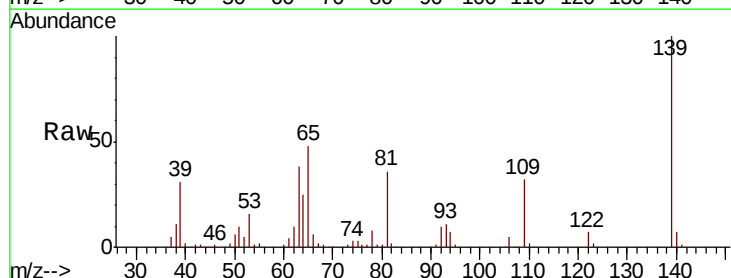
RT: 7.65 min Scan# 945

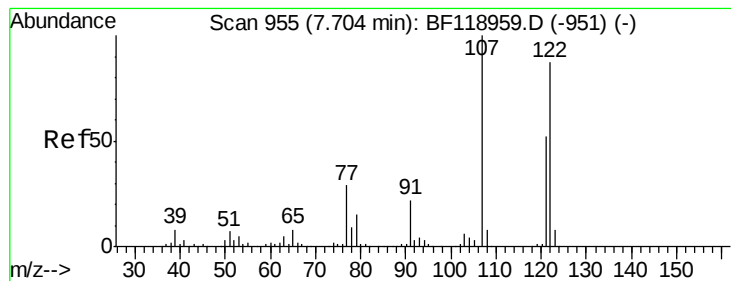
Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:	139	Resp:	275654
Ion Ratio	Lower	Upper	
139	100		
109	31.9	25.7	38.5
65	47.8	37.1	55.7





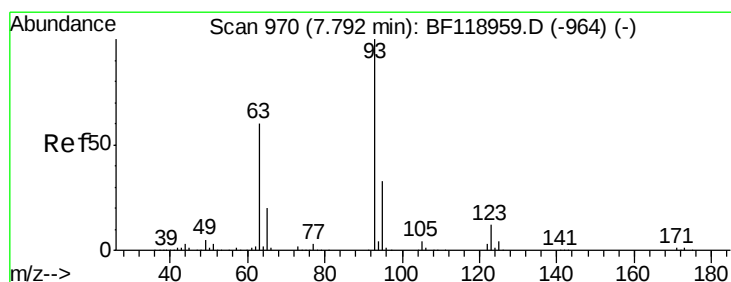
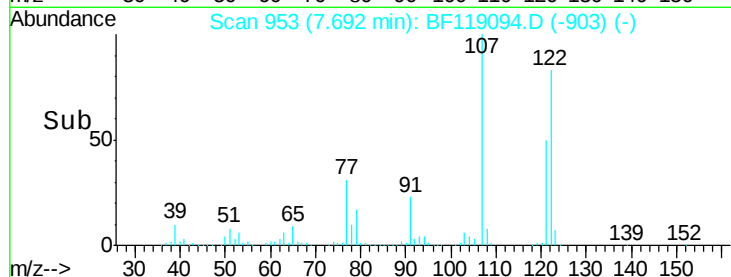
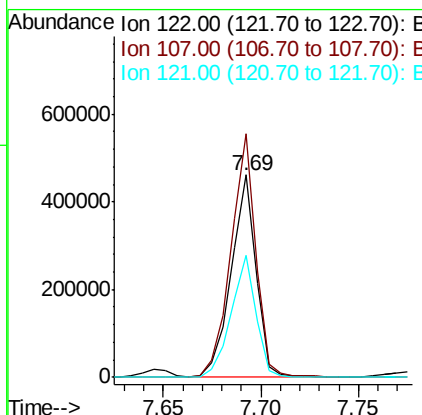
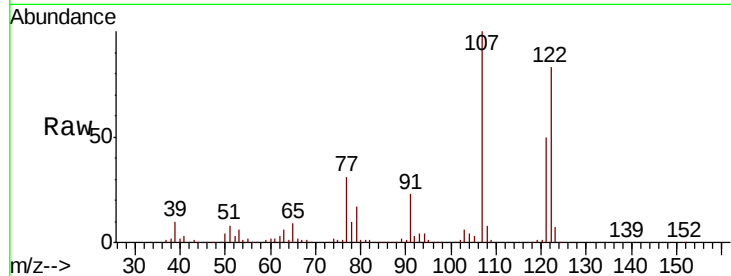
#27
2,4-Dimethylphenol
Concen: 49.677 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	408591		
107	120.3		93.8	140.6
121	60.5		48.2	72.2

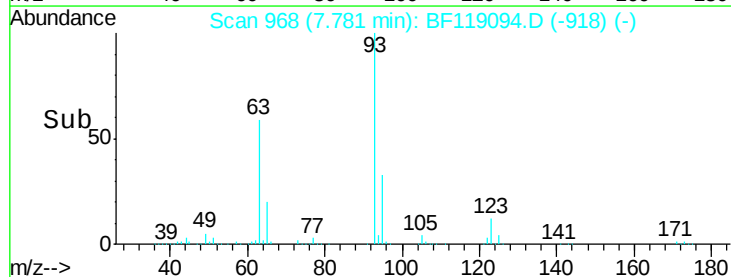
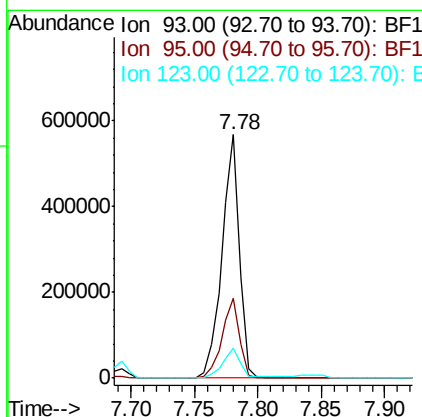
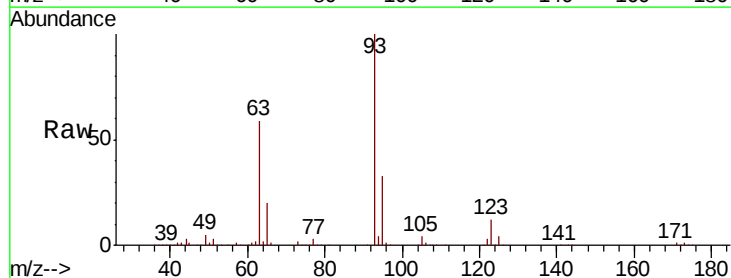
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 41.520 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	542860		
95	32.8		26.5	39.7
123	12.3		10.2	15.2





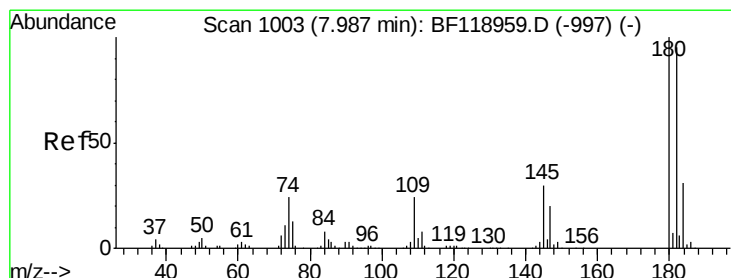
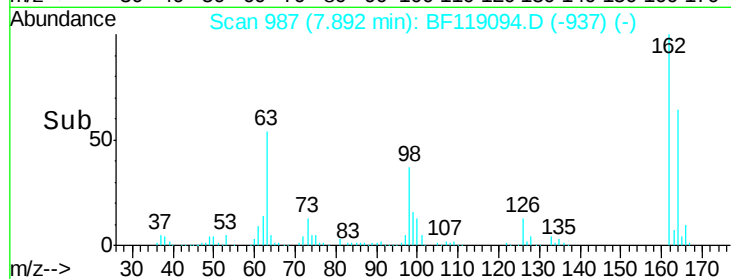
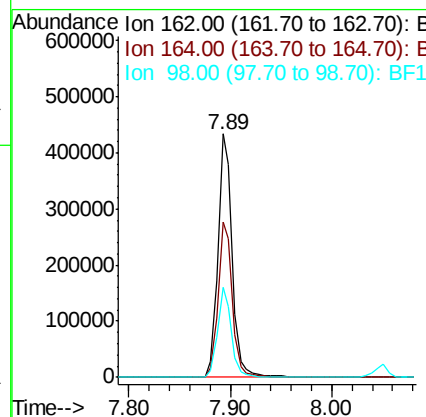
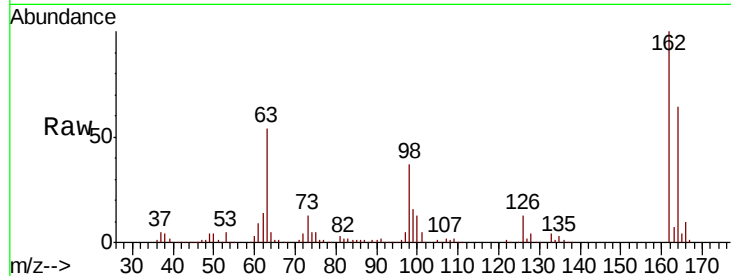
#29
2,4-Dichlorophenol
Concen: 43.751 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	423627		
164	63.6	45.2	85.2	
98	37.2	17.4	57.4	

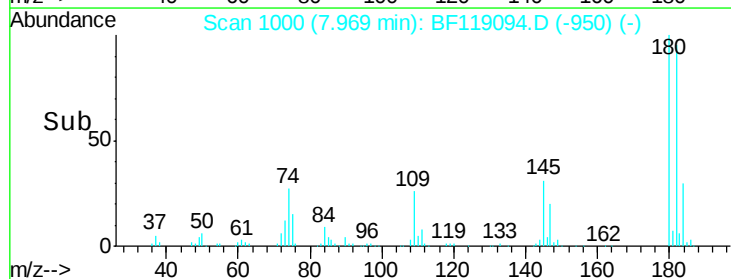
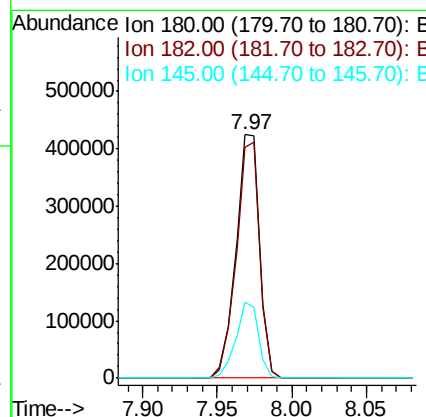
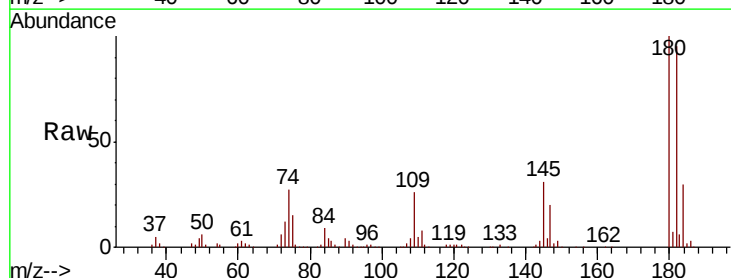
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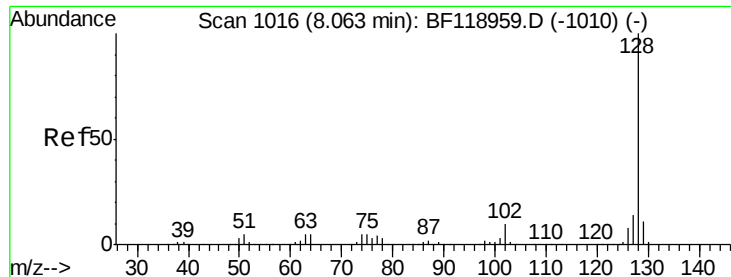
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.272 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	473812		
182	94.8	77.8	116.6	
145	31.2	25.2	37.8	





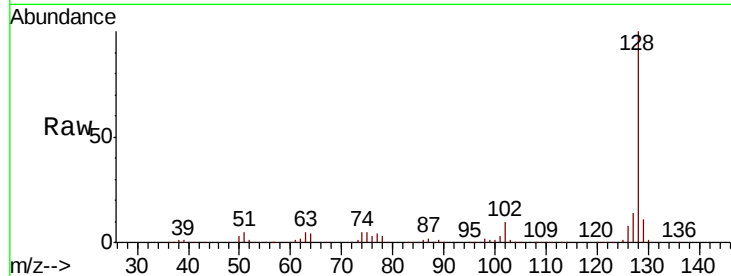
#31
Naphthalene
Concen: 43.338 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

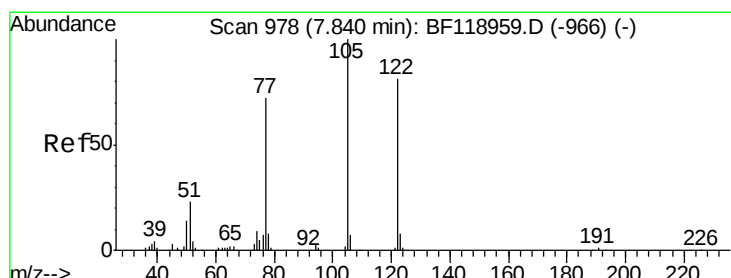
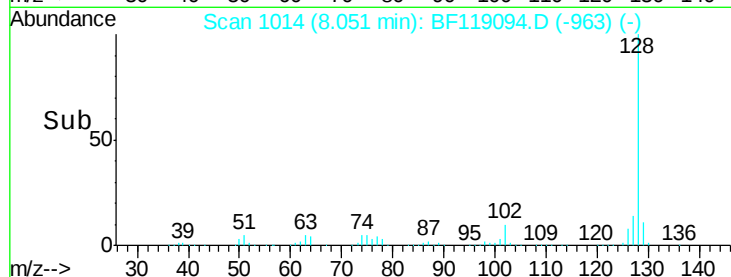
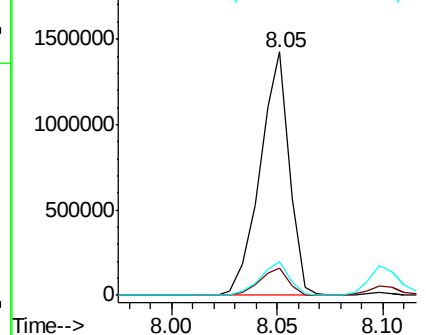
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.9	11.4	17.2

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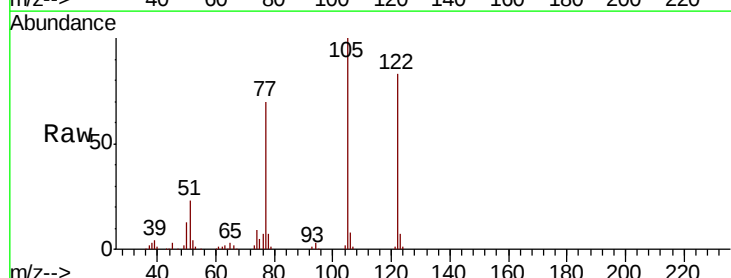


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

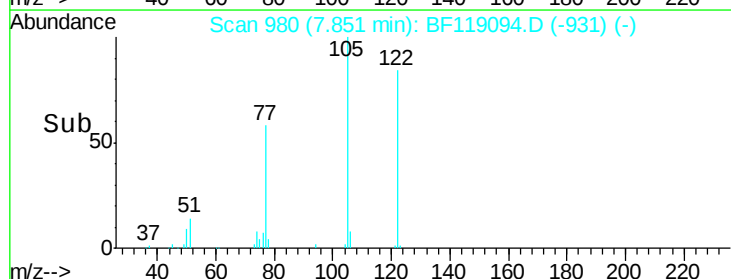
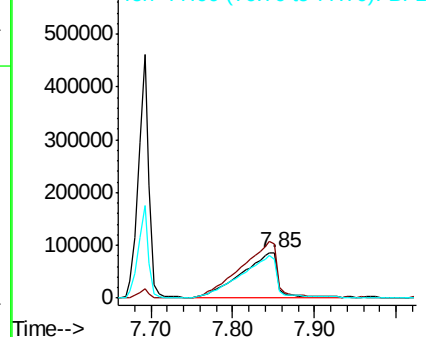


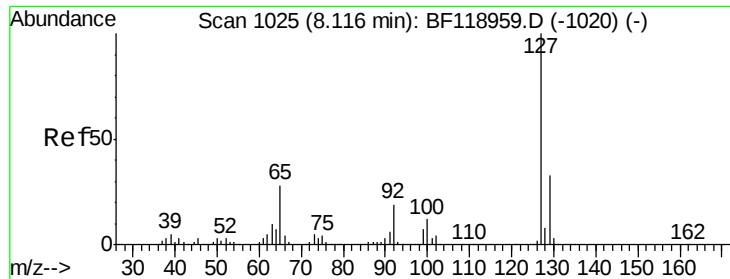
#32
Benzoic acid
Concen: 45.062 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	106.3	146.3
77	84.2	73.1	113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





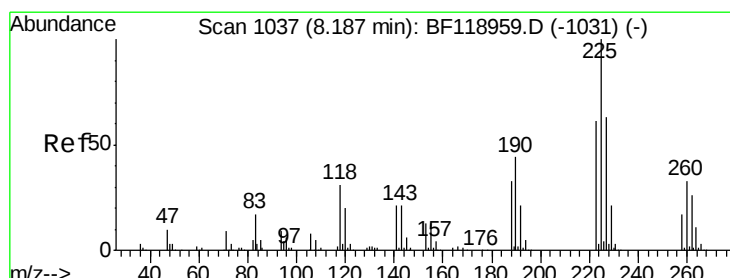
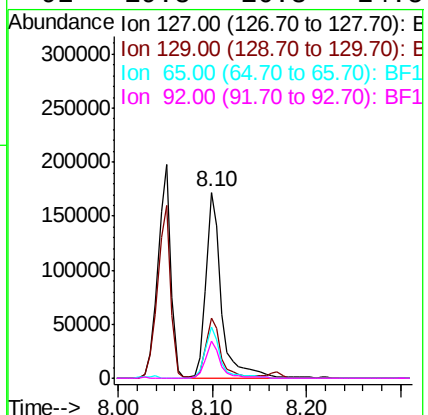
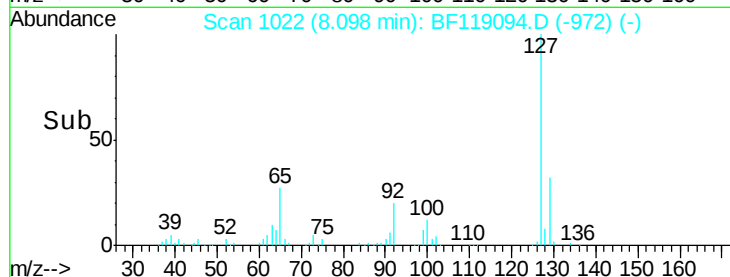
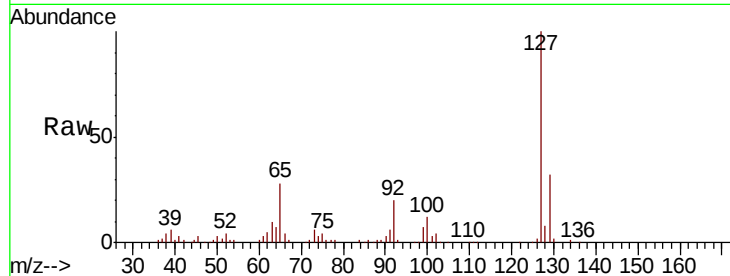
#33
4-Chloroaniline
Concen: 14.535 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	27.8	23.9	35.9		
92	19.8	16.3	24.5		

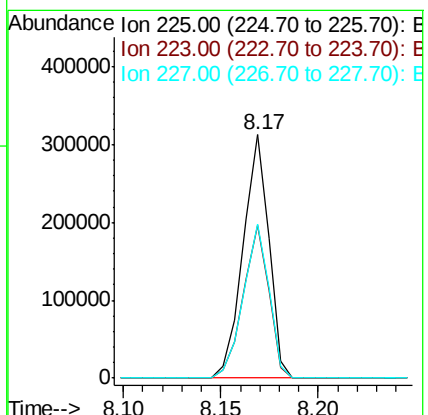
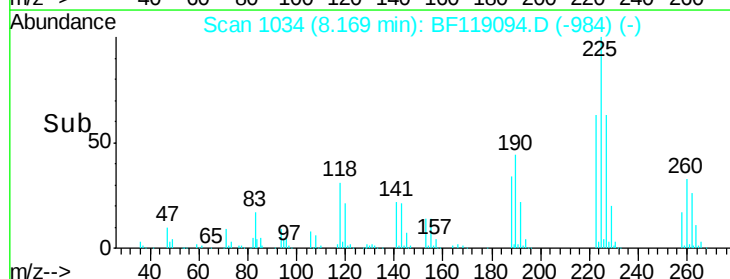
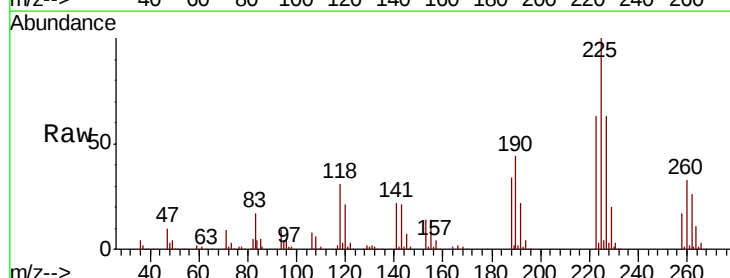
Manual Integrations
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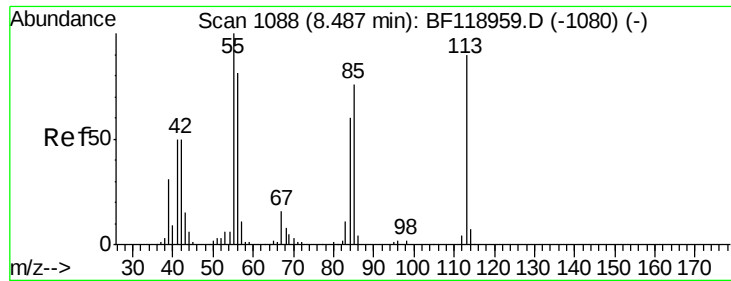
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#34
Hexachlorobutadiene
Concen: 40.127 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.4	74.2		
227	63.2	52.9	79.3		





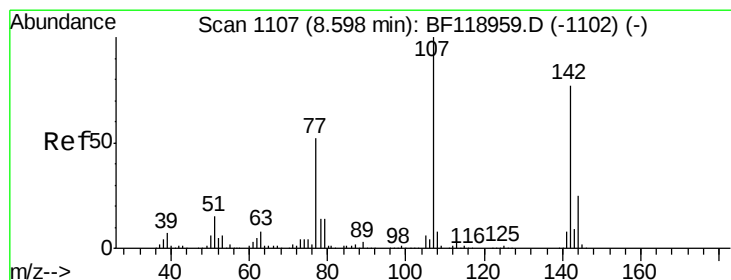
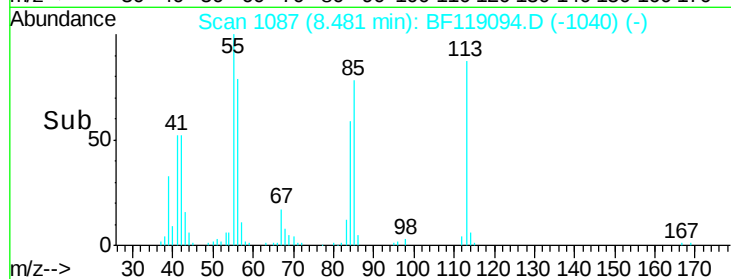
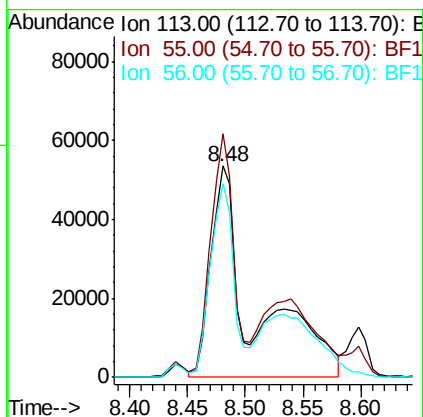
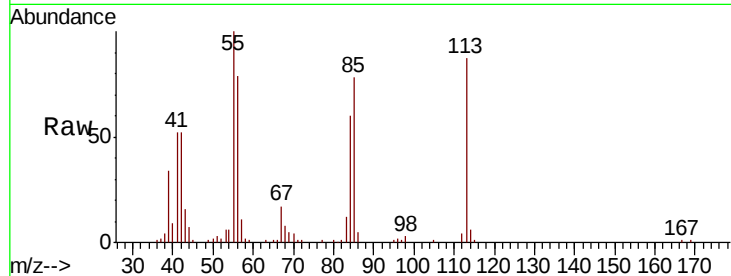
#35
Caprolactam
Concen: 45.463 ng/ml
RT: 8.48 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	115.2	95.7	135.7		
56	91.4	73.1	113.1		

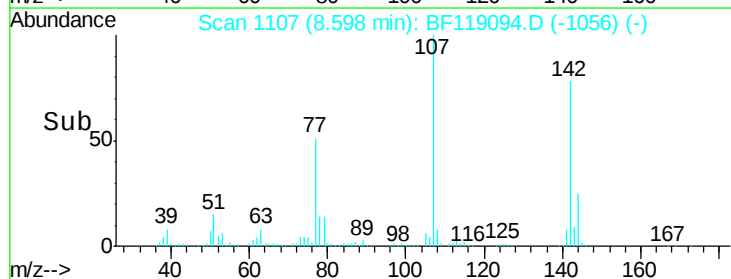
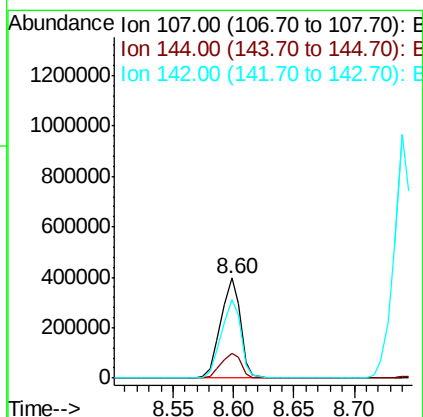
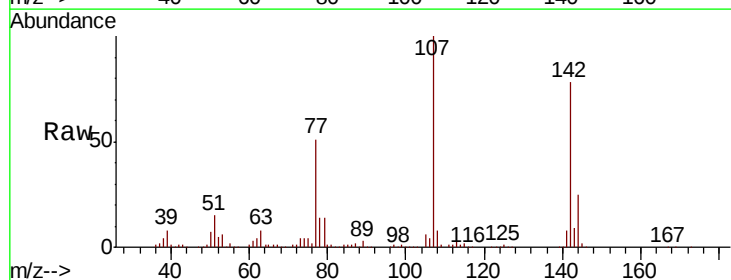
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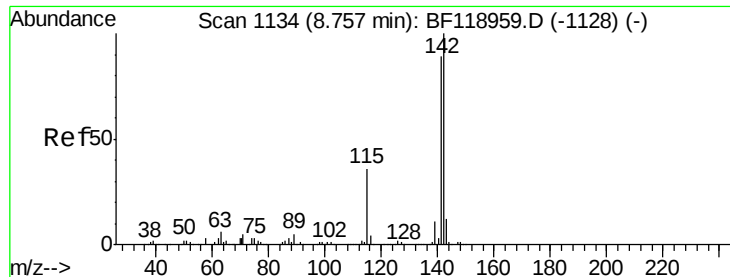
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#36
4-Chloro-3-methylphenol
Concen: 45.577 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4	20.1	30.1		
142	78.1	61.4	92.2		





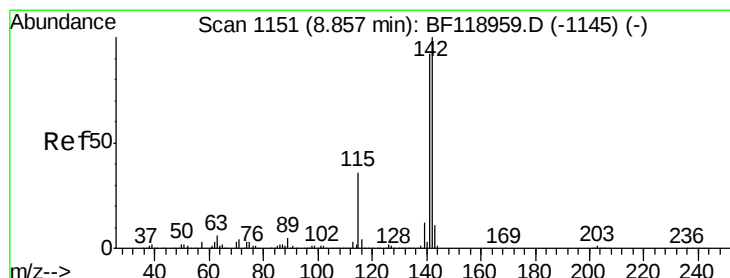
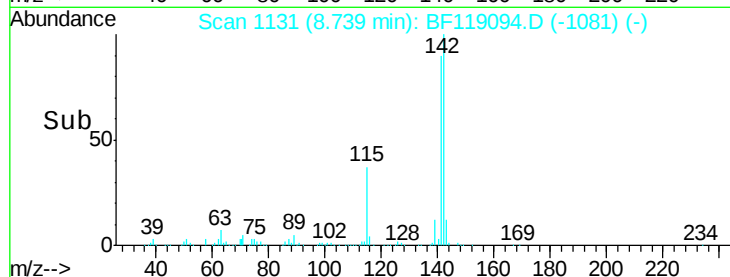
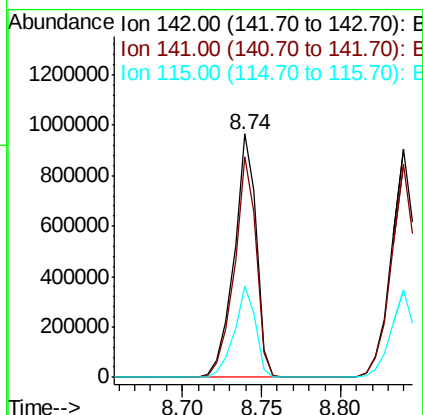
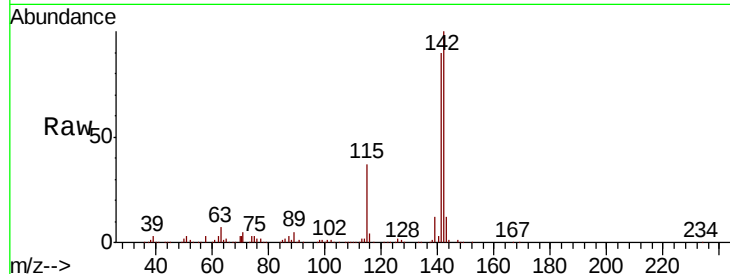
#37
2-Methylnaphthalene
Concen: 43.943 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	37.3	30.6	45.8

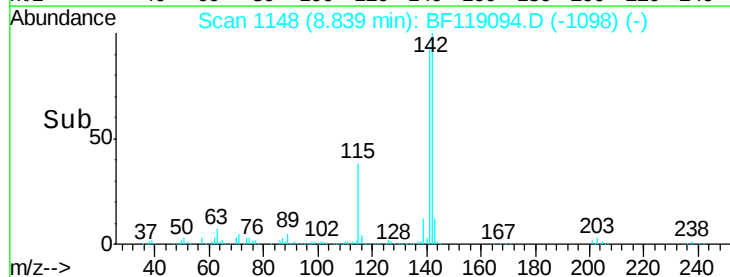
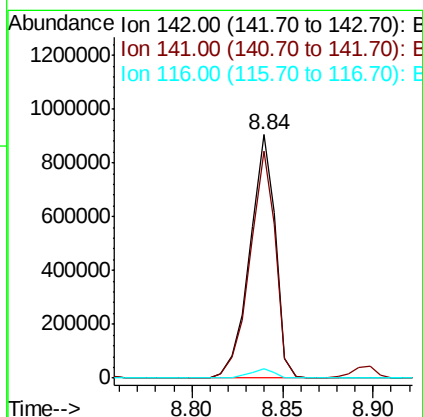
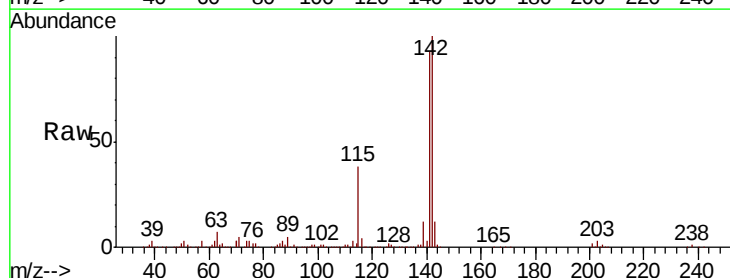
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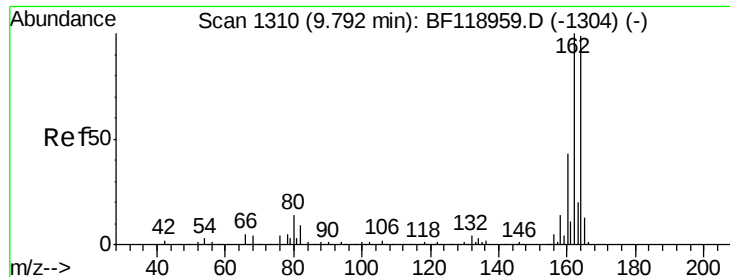
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#38
1-Methylnaphthalene
Concen: 43.938 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.6
116	4.0	3.1	4.7





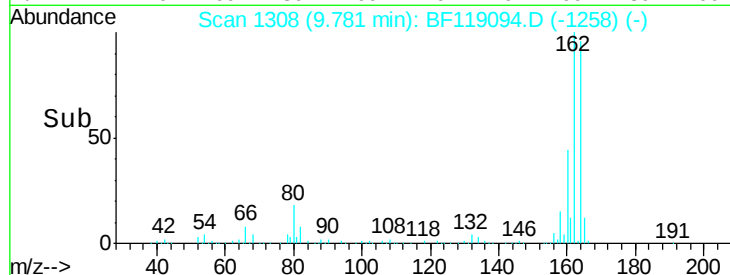
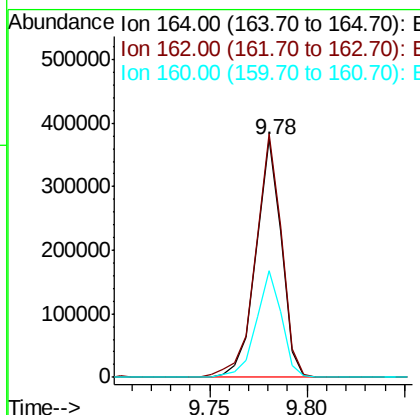
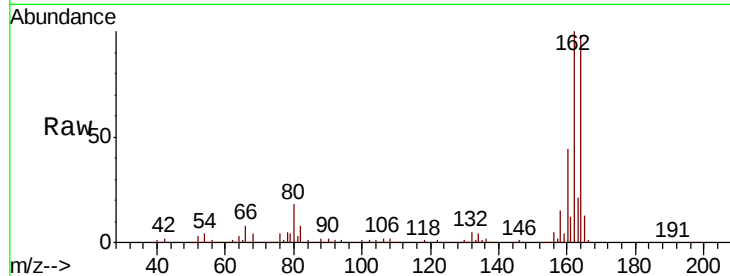
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.8
160	44.6	36.0	54.0

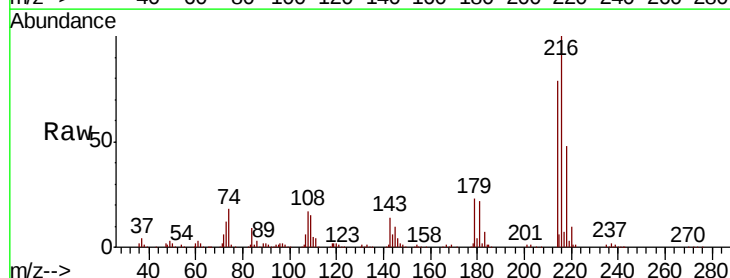
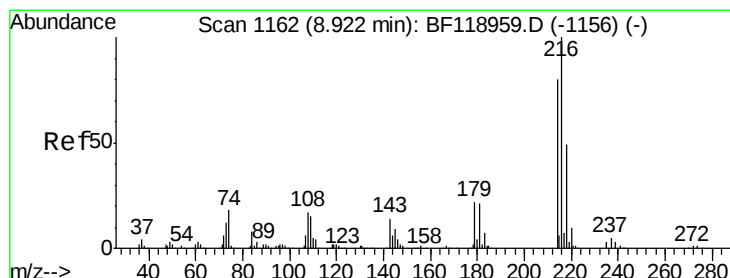
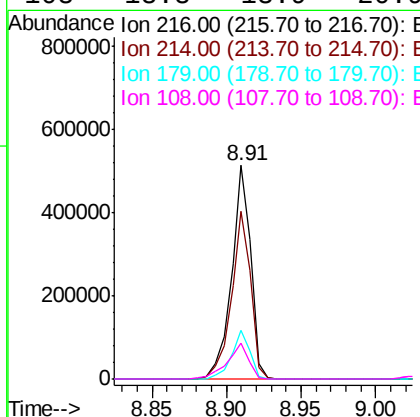
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.867 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	21.9	17.7	26.5
108	18.8	13.9	20.9





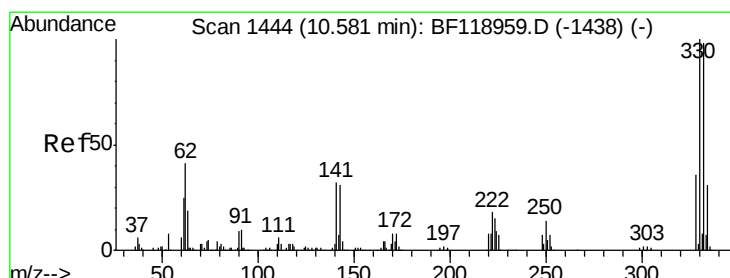
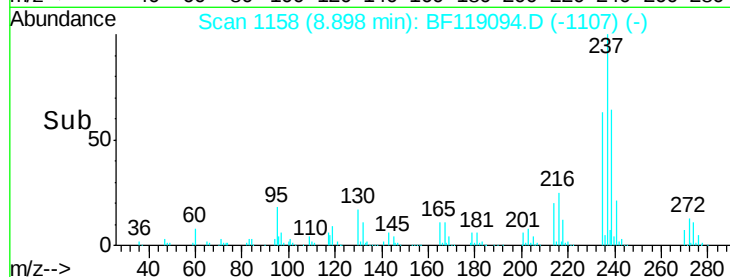
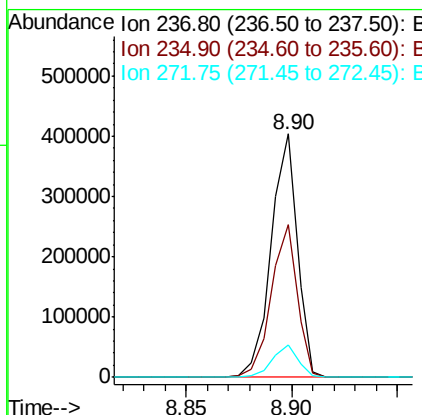
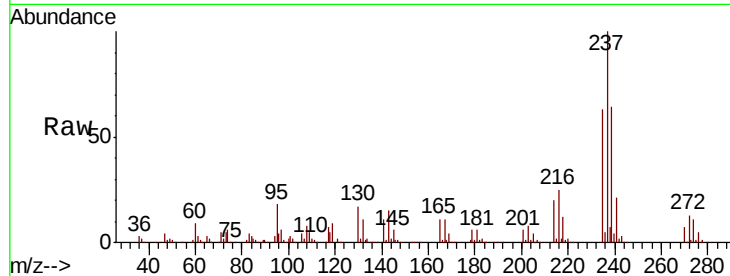
#41
Hexachlorocyclopentadiene
Concen: 83.988 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	42.3	82.3
272	13.1	0.0	33.5

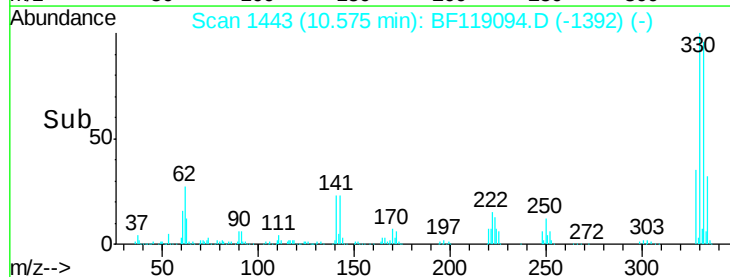
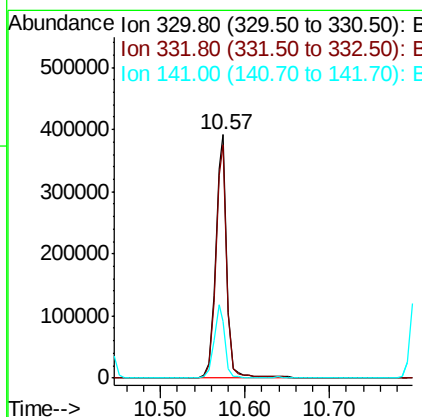
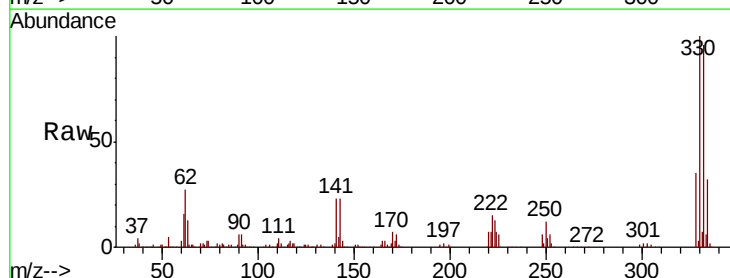
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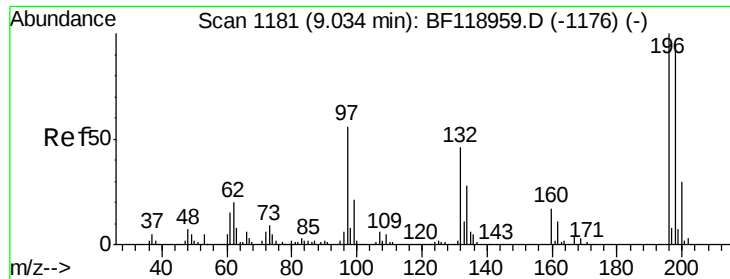
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#42
2,4,6-Tribromophenol
Concen: 84.580 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	76.0	114.0
141	29.3	22.9	34.3





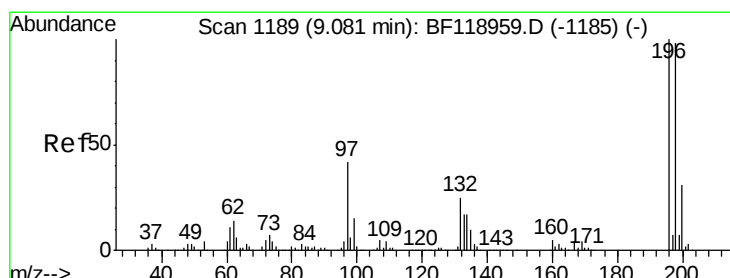
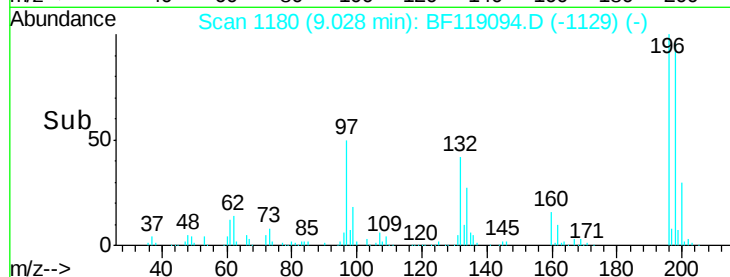
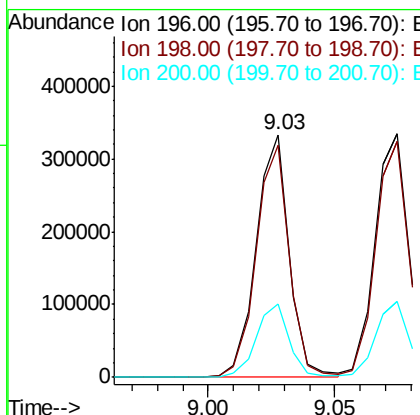
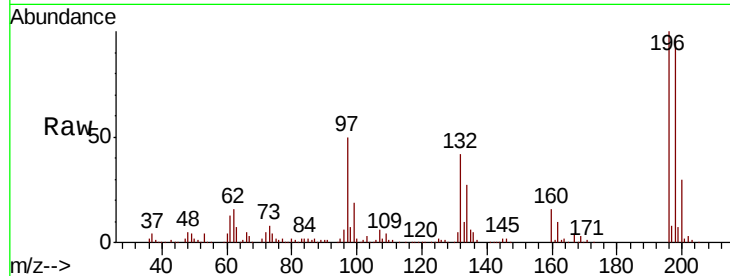
#43
 2,4,6-Trichlorophenol
 Concen: 42.273 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	303114		
198	95.9	77.1	115.7	
200	30.5	25.0	37.6	

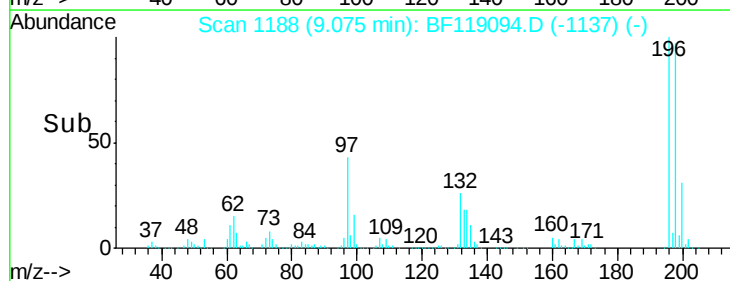
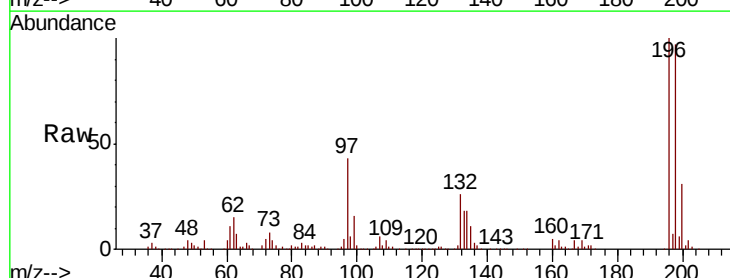
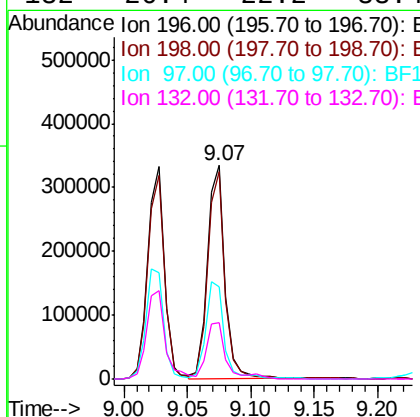
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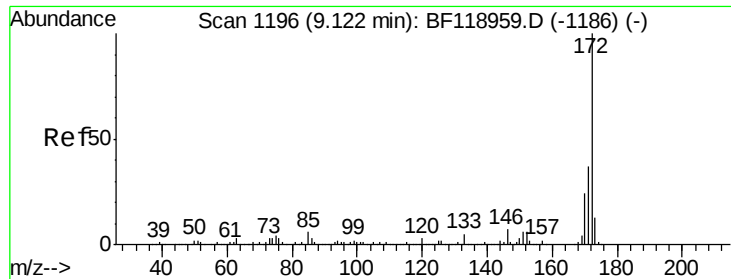
mohammad
 2/27/2020 4:58:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.229 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325271		
198	96.9	76.8	115.2	
97	42.9	38.5	57.7	
132	26.4	22.2	33.4	





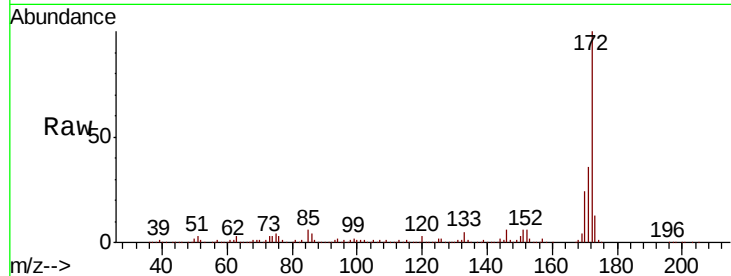
#45
2-Fluorobiphenyl
Concen: 56.548 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	23.9	20.2	30.2

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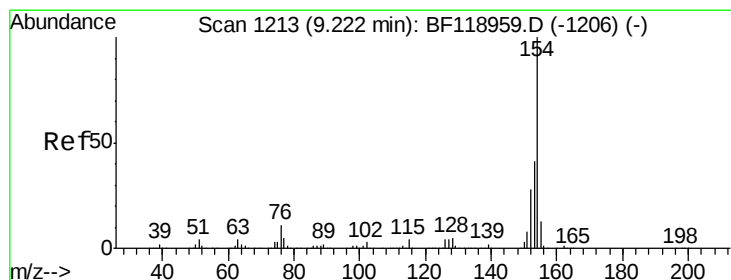
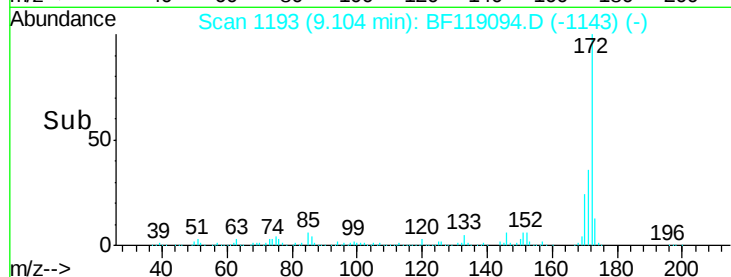
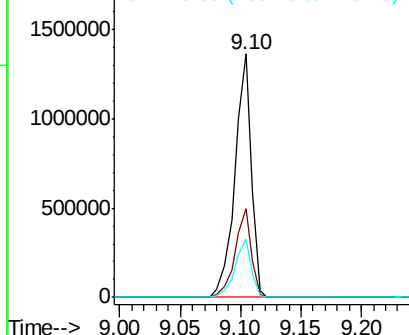


Abundance

Ion 172.00 (171.70 to 172.70): E

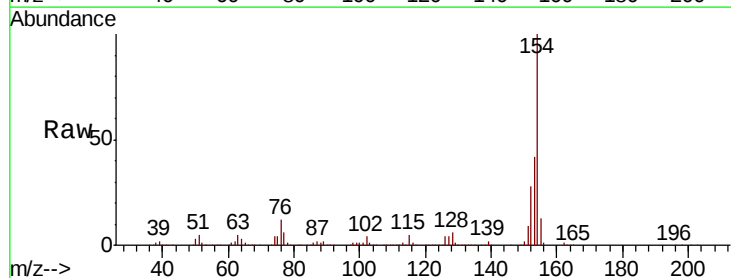
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.570 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.8	62.8
76	12.5	0.0	32.2

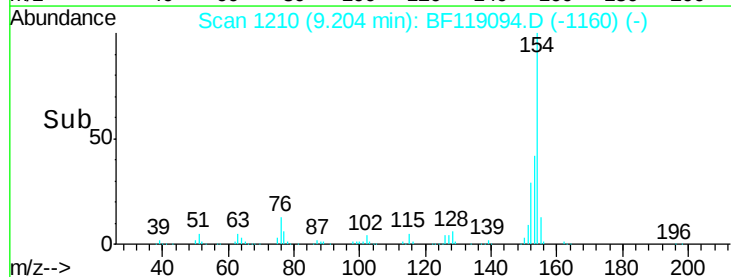
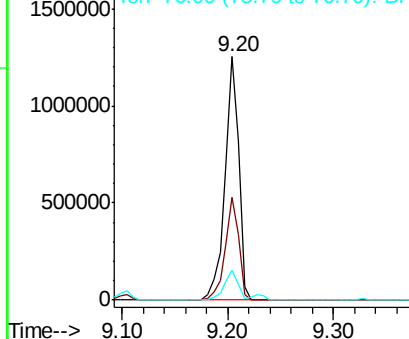


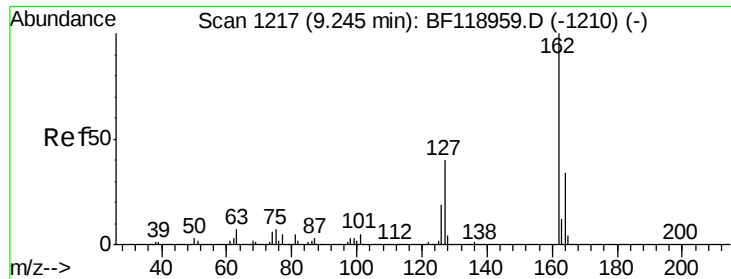
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





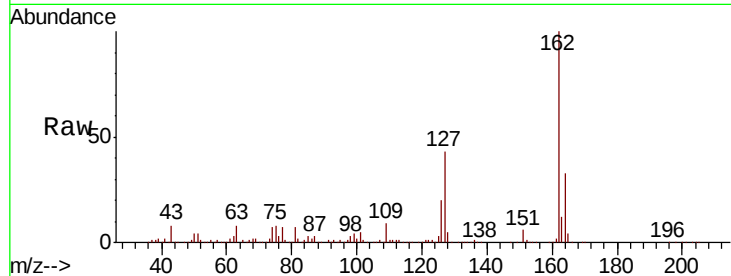
#47
2-Chloronaphthalene
Concen: 40.825 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.0	52.4
164	33.4	27.2	40.8

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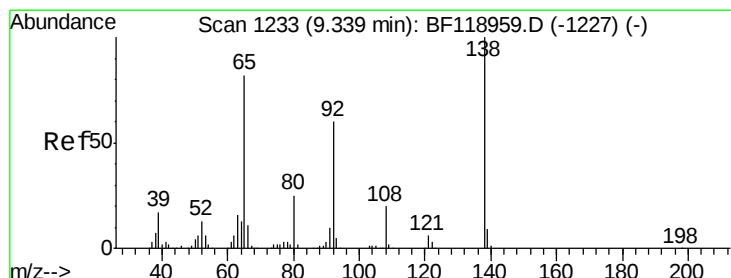
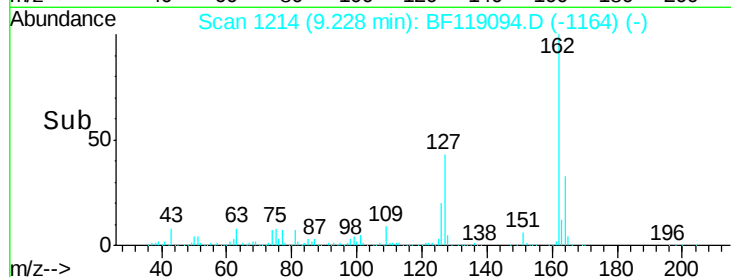
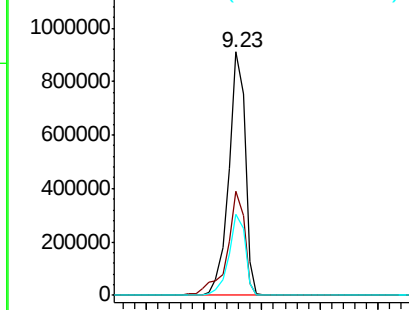


Abundance

Ion 162.00 (161.70 to 162.70): E

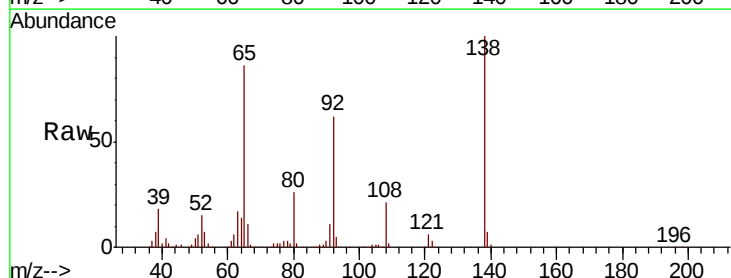
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.787 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.2	87.2
138	116.7	95.6	143.4

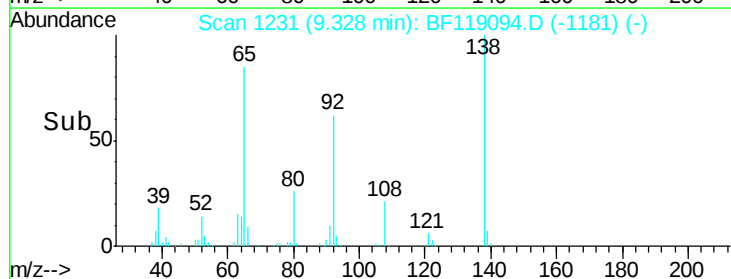
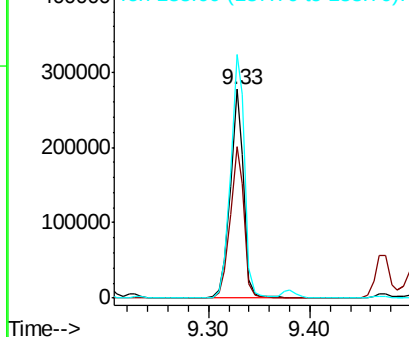


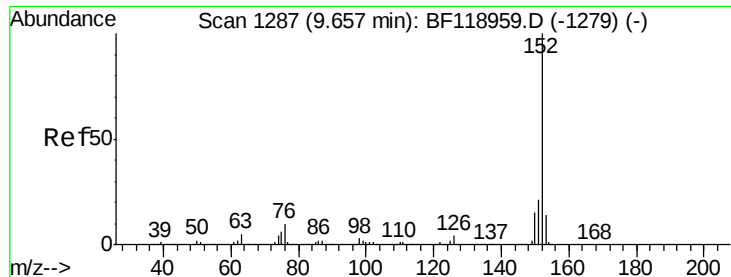
Abundance

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





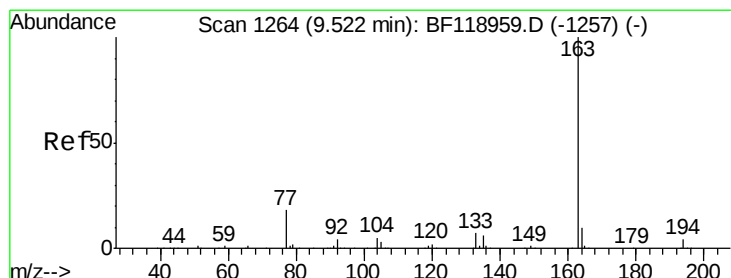
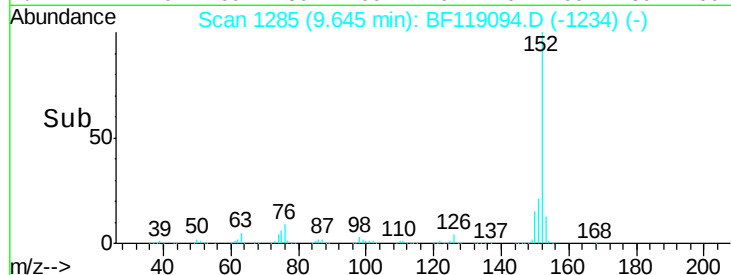
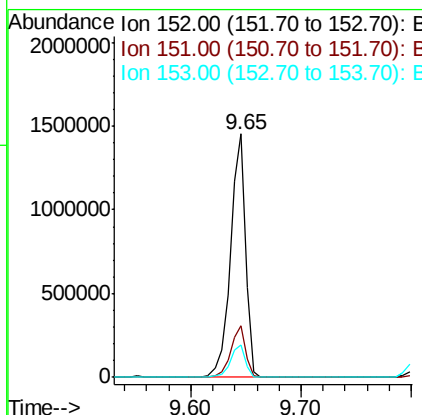
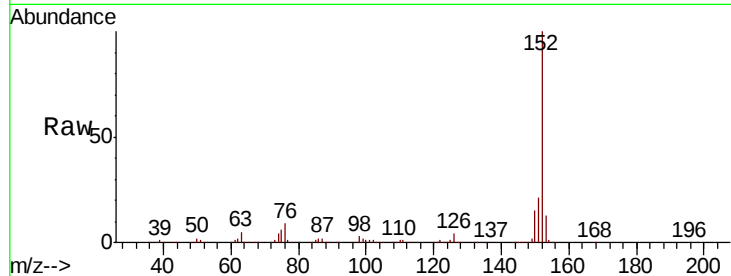
#49
Acenaphthylene
Concen: 43.822 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.1	16.9	25.3	
153	13.3	11.0	16.6	

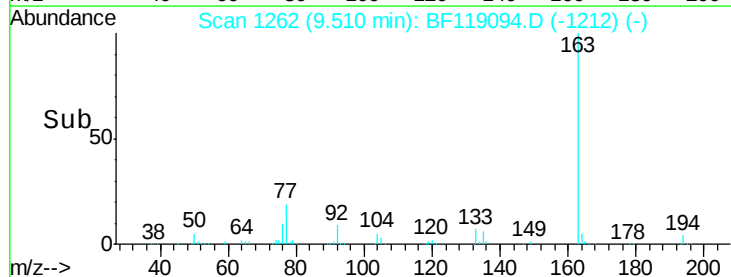
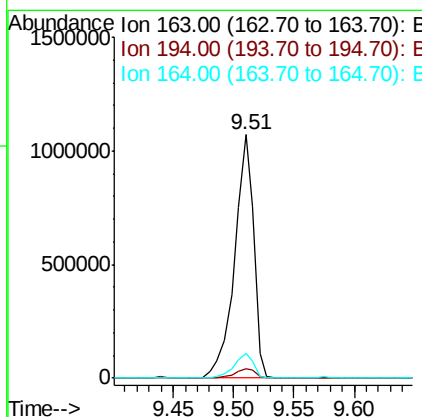
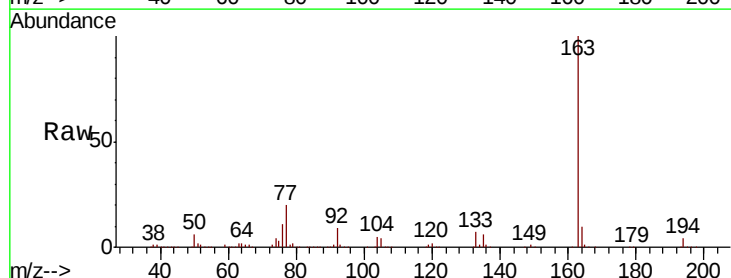
Manual Integrations
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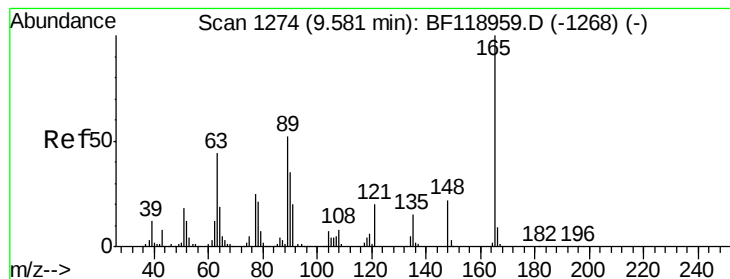
mohammad
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#50
Dimethylphthalate
Concen: 45.879 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.1	3.5	5.3	
164	10.3	8.4	12.6	





#51

2,6-Dinitrotoluene

Concen: 44.470 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

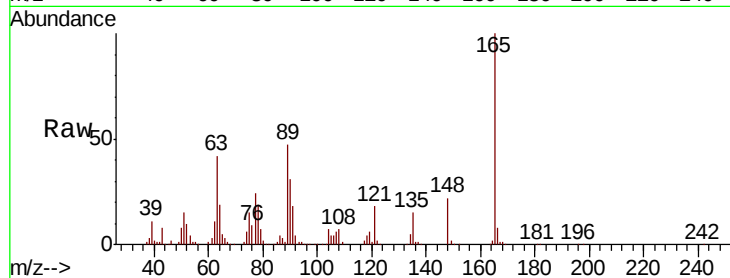
ClientSampleId :

SH-BORING-2MSD

Tot Ion:	165	Resp:	254437
Ion Ratio	Lower	Upper	
165	100		
63	42.1	34.3	51.5
89	46.7	38.3	57.5

Manual Integrations
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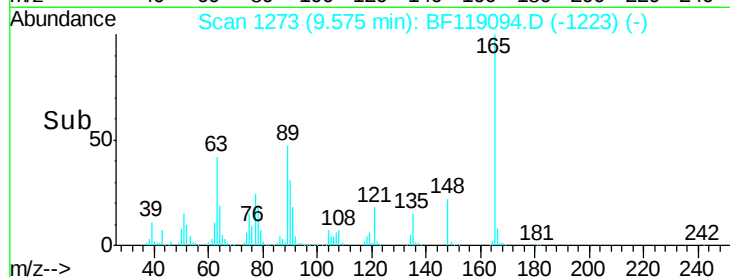


Abundance Ion 165.00 (164.70 to 165.70): E

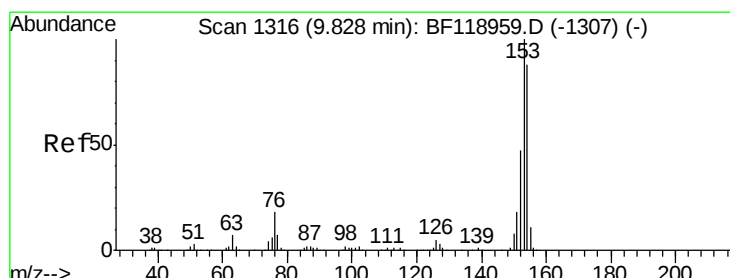
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 42.057 ng

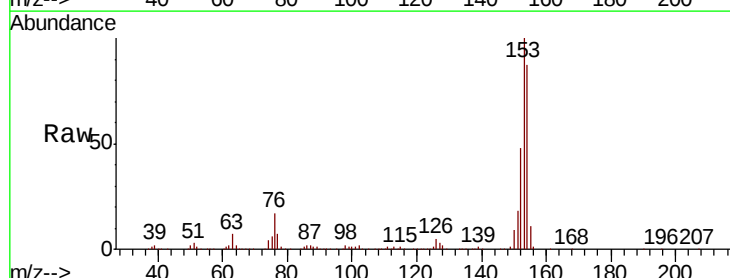
RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:	154	Resp:	803378
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.3	135.5
152	54.4	43.8	65.8

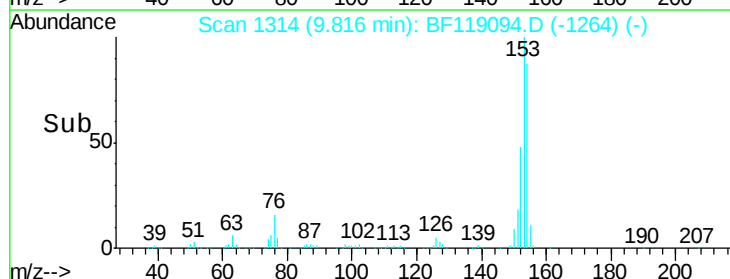


Abundance Ion 154.00 (153.70 to 154.70): E

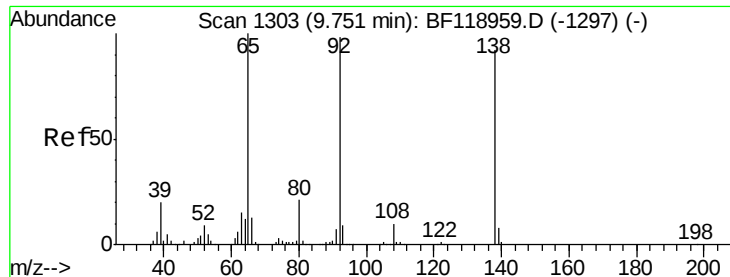
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



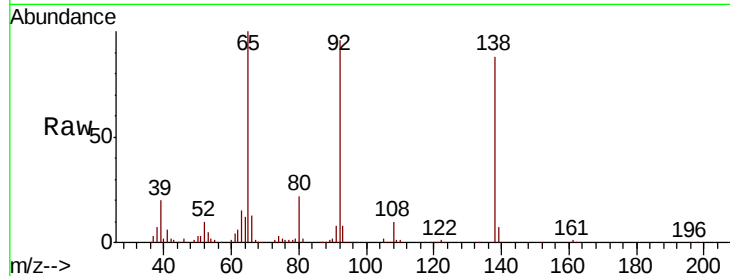
#53
3-Nitroaniline
Concen: 22.234 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

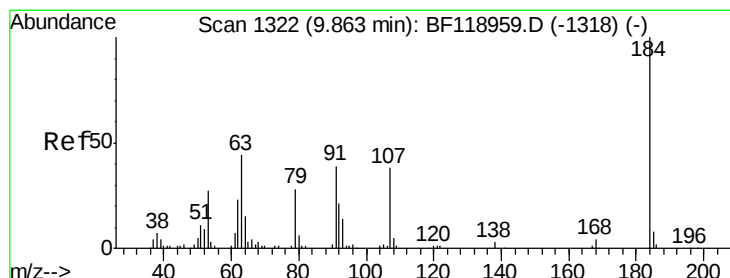
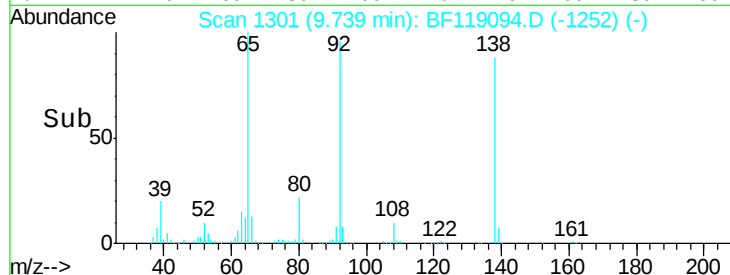
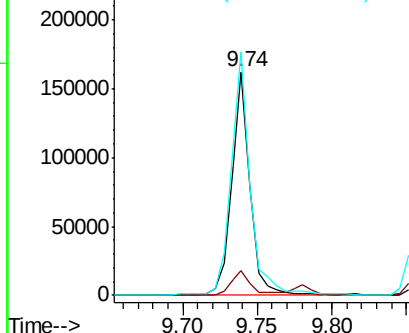
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.8	13.2
92	109.0	84.8	127.2

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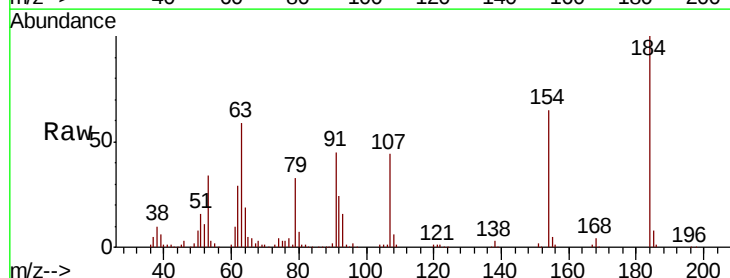


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

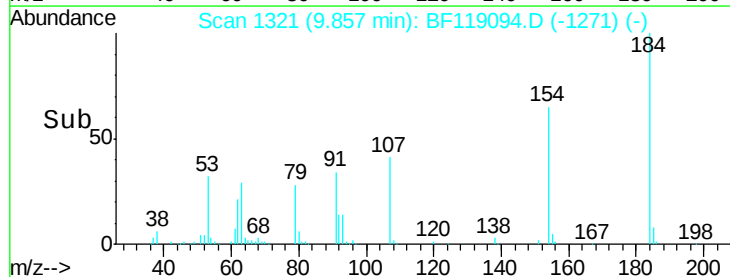
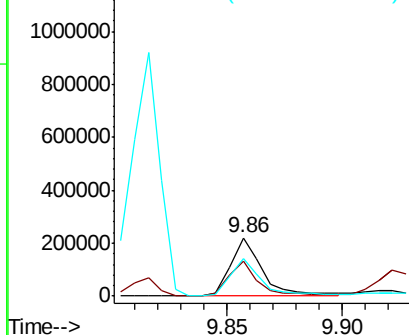


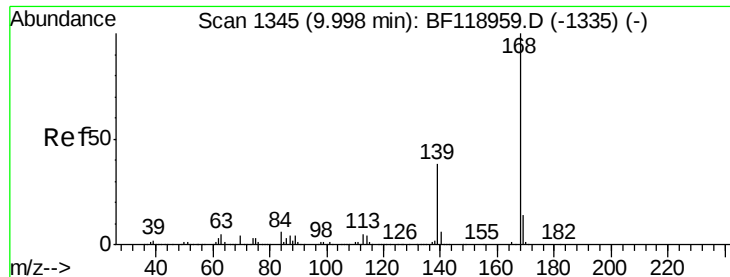
#54
2,4-Dinitrophenol
Concen: 76.693 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	38.7	58.1#
154	65.0	49.7	74.5



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





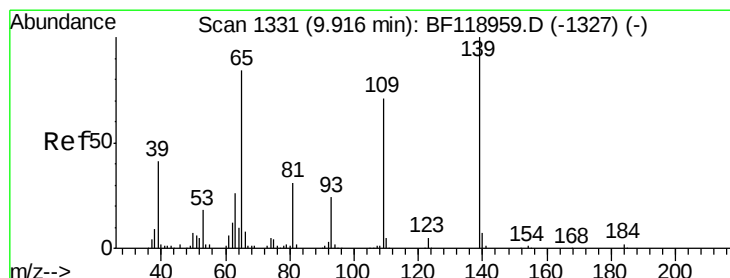
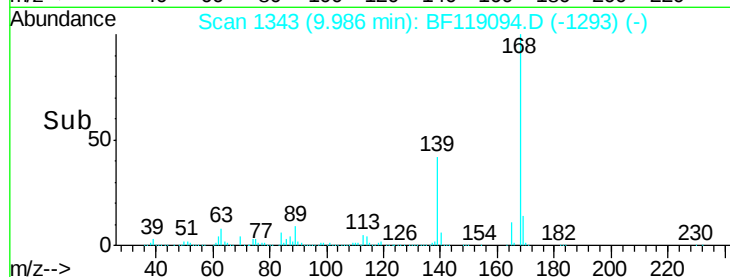
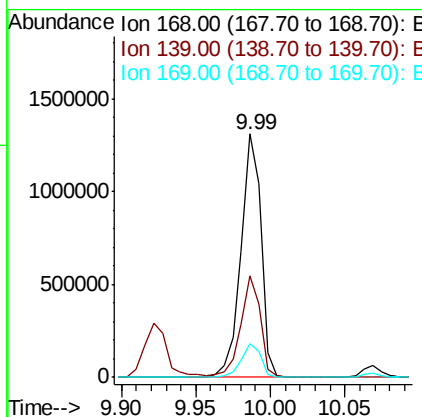
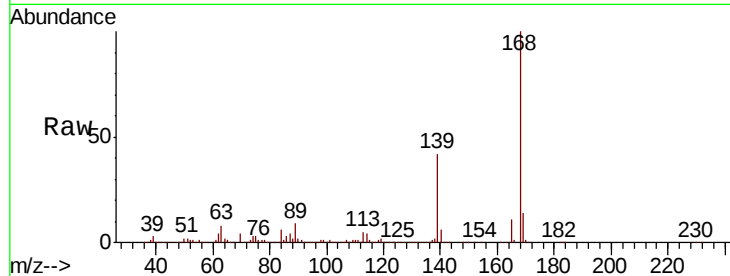
#55
Dibenzenofuran
Concen: 43.039 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	34.0	51.0
169	13.7	11.0	16.4

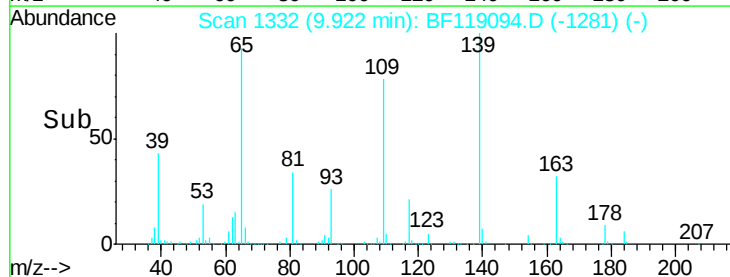
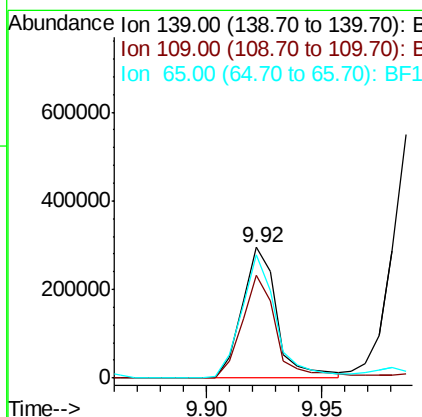
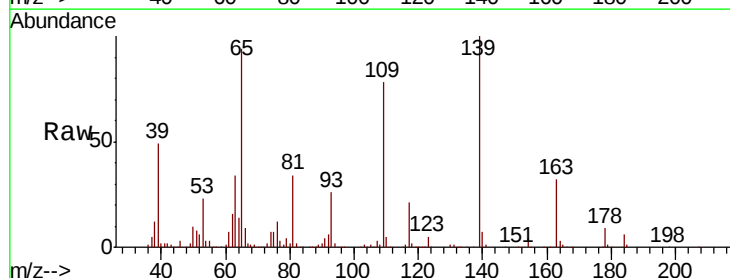
Manual Integrations
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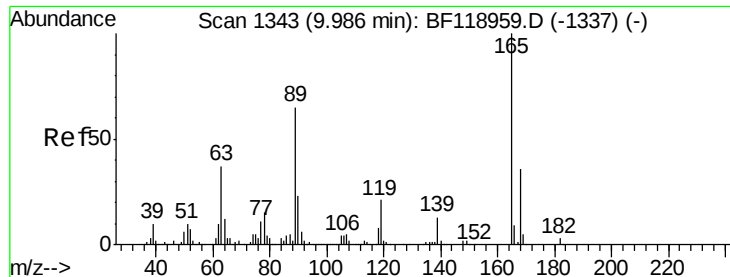
mohammad
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#56
4-Nitrophenol
Concen: 81.571 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	56.7	96.7
65	94.1	65.0	105.0





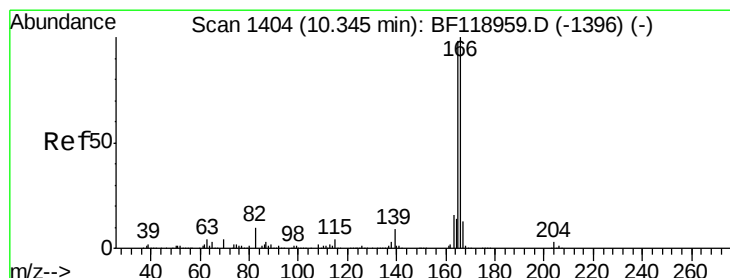
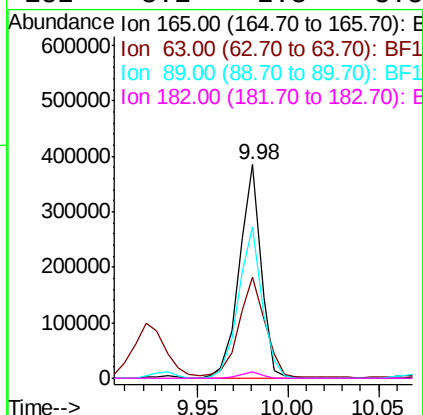
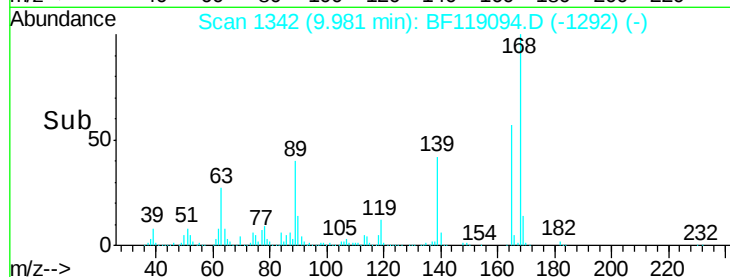
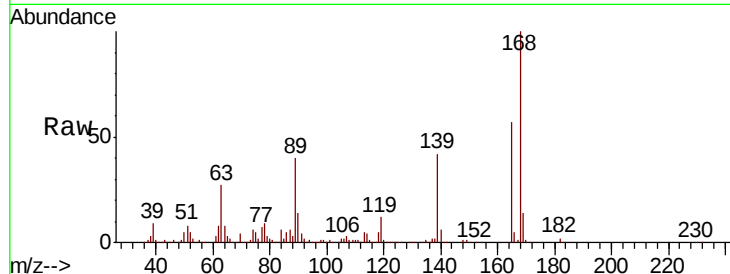
#57
2,4-Dinitrotoluene
Concen: 43.354 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	321520		
63	47.1	42.3	63.5	
89	70.7	60.2	90.4	
182	3.1	2.3	3.5	

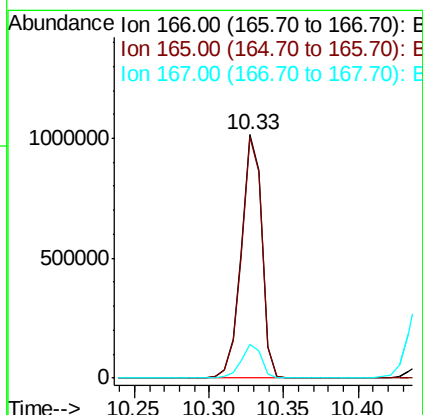
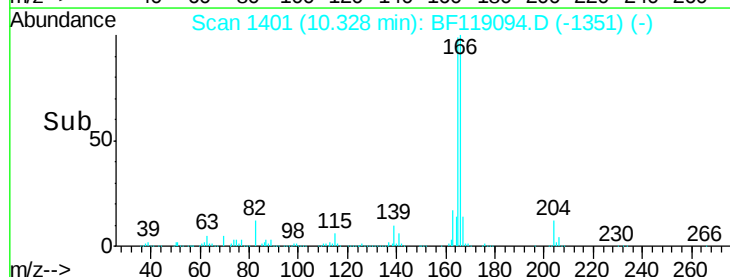
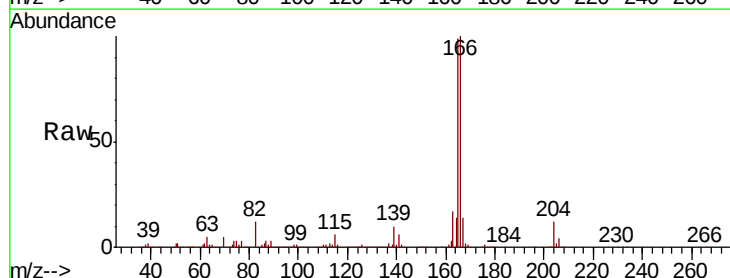
Manual Integrations
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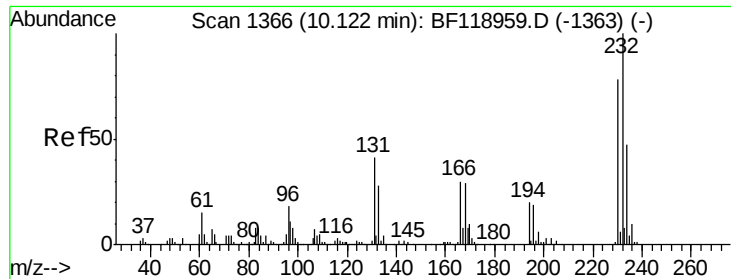
mohammad
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#58
Fluorene
Concen: 43.790 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	970174		
165	99.0	78.5	117.7	
167	13.8	11.0	16.4	





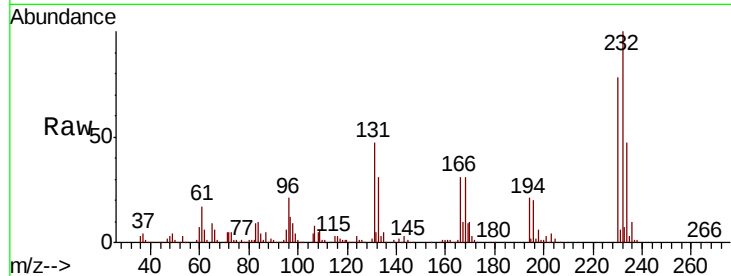
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.088 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.8	50.8
130	2.2	1.8	2.6
166	28.9	23.0	34.4

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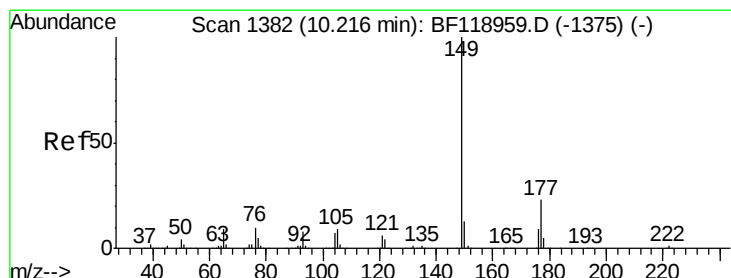
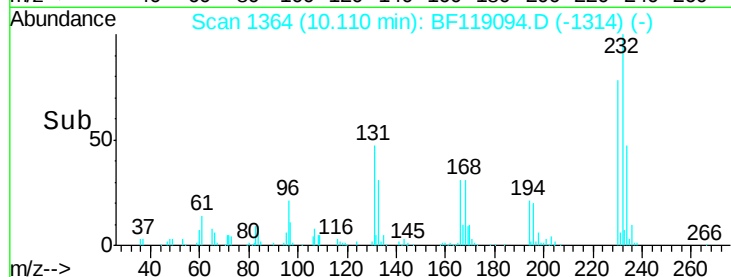
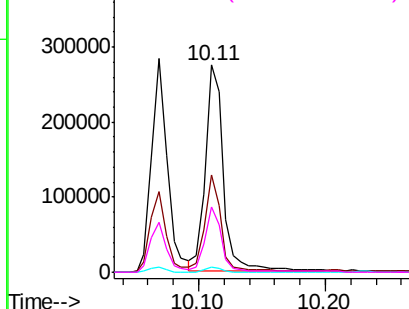
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

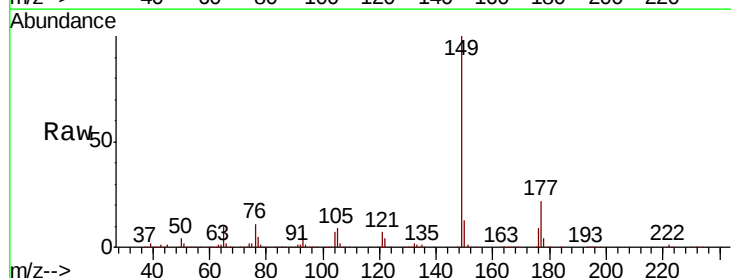
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.385 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.8	10.5	15.7

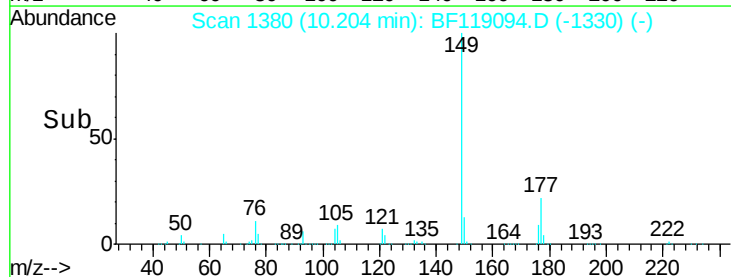
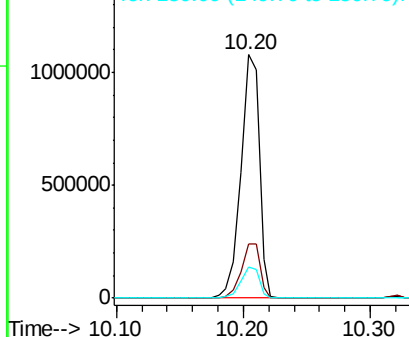


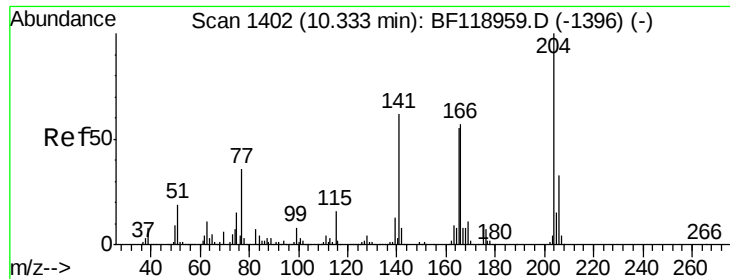
Abundance

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





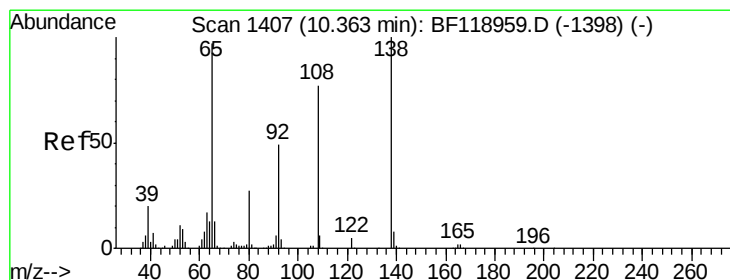
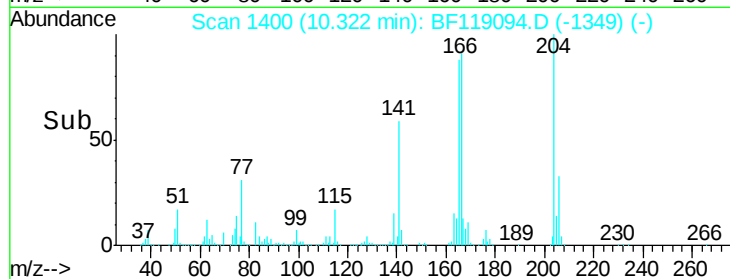
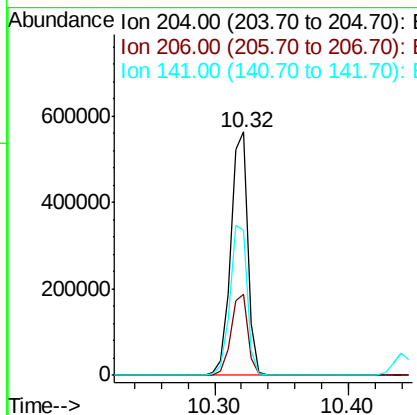
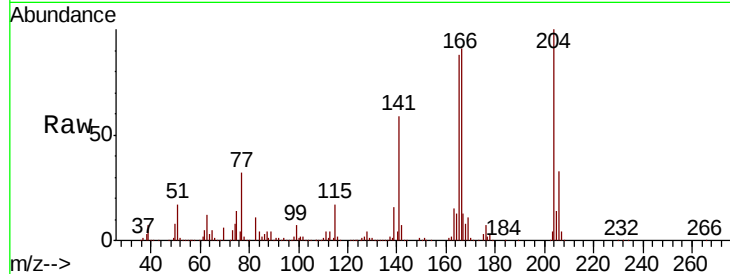
#61
 4-Chlorophenyl-phenylether
 Concen: 43.434 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

Tot Ion:	204	Resp:	509362
Ion Ratio	Lower	Upper	
204	100		
206	33.0	27.1	40.7
141	59.4	52.9	79.3

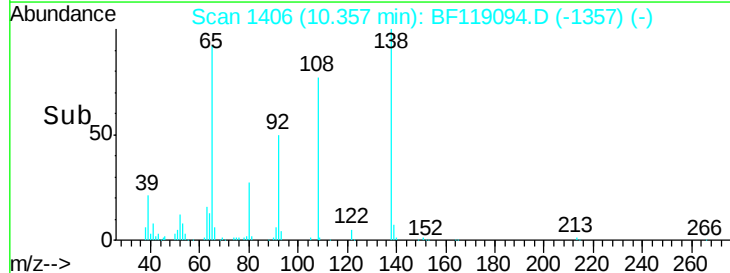
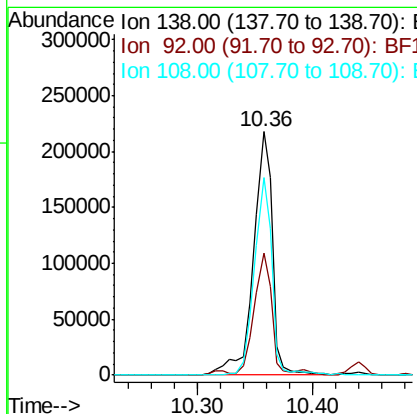
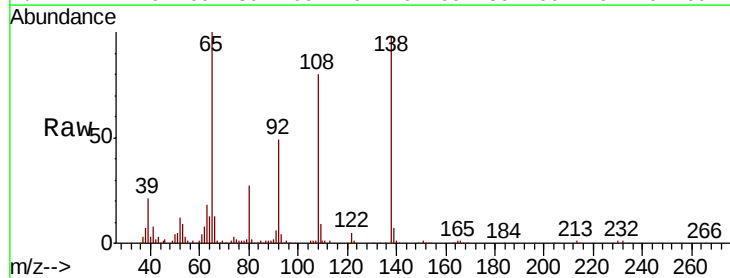
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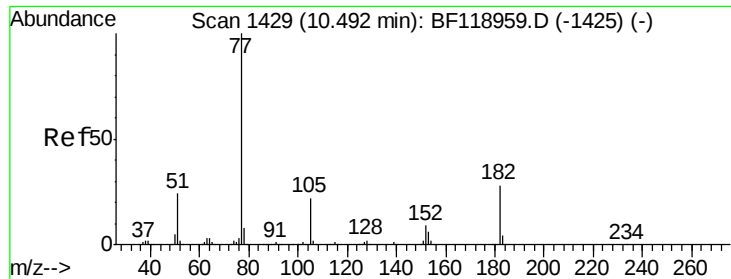
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#62
 4-Nitroaniline
 Concen: 38.439 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Tgt Ion:	138	Resp:	249452
Ion Ratio	Lower	Upper	
138	100		
92	50.1	27.3	67.3
108	81.3	57.0	97.0





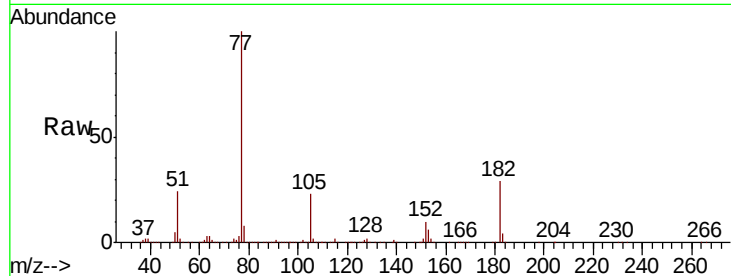
#63
Azobenzene
Concen: 44.752 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

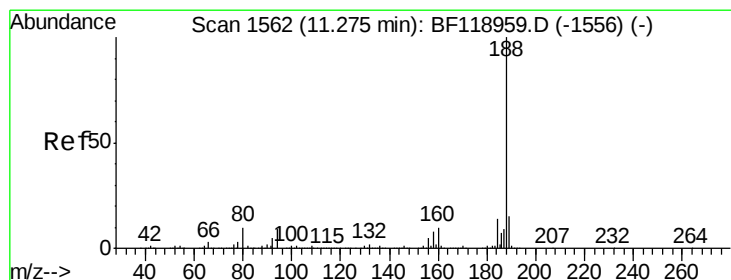
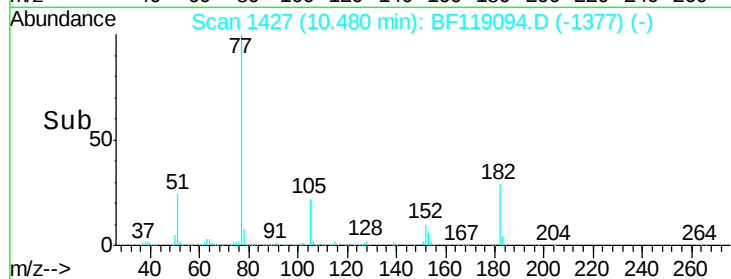
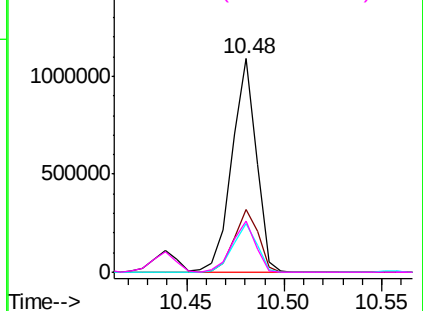
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.1	11.4	51.4	
105	22.7	3.4	43.4	
51	24.2	5.1	45.1	

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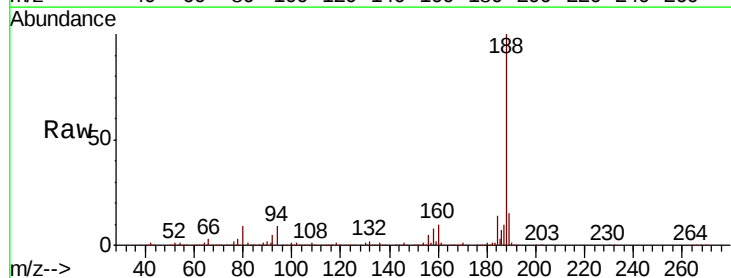


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

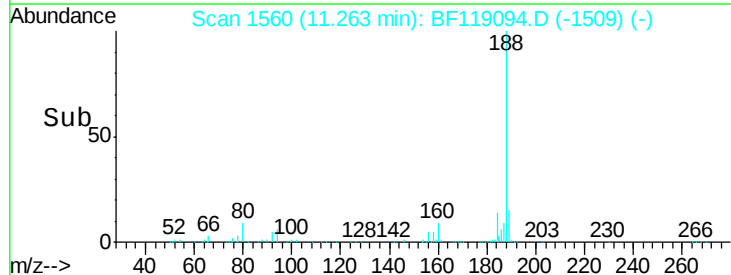
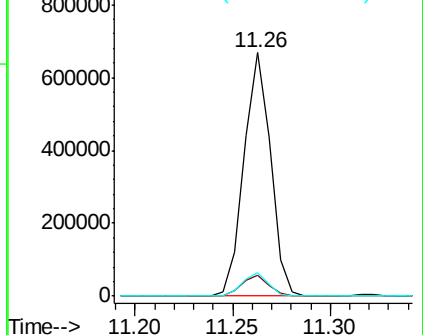


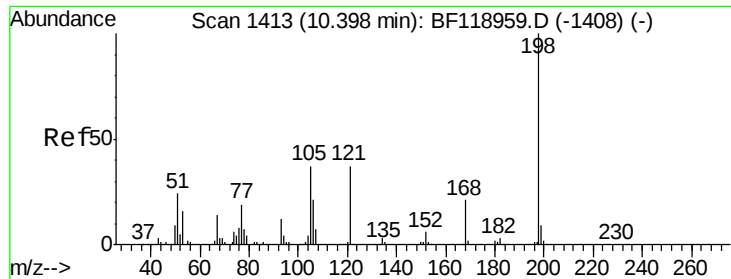
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.1	10.7	
80	9.5	7.8	11.8	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 47.495 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

ClientSampleId :

SH-BORING-2MSD

Tot Ion:198 Resp: 182168

Ion Ratio Lower Upper

198 100

51 33.8 14.2 54.2

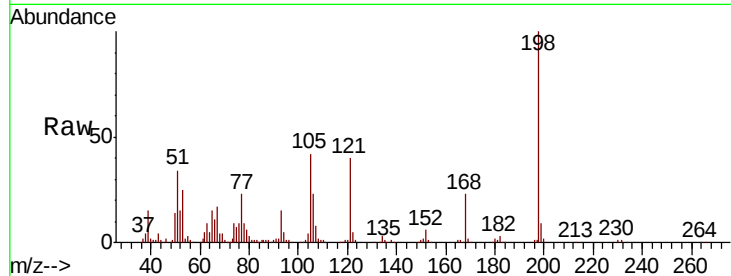
105 41.9 22.7 62.7

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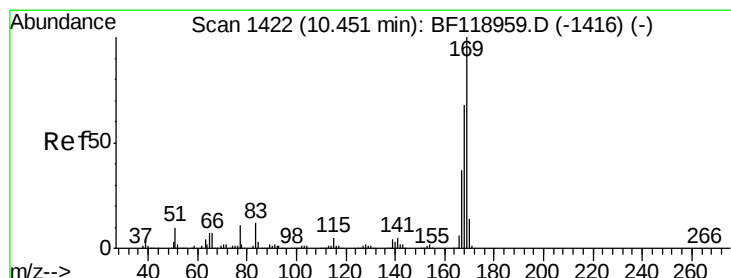
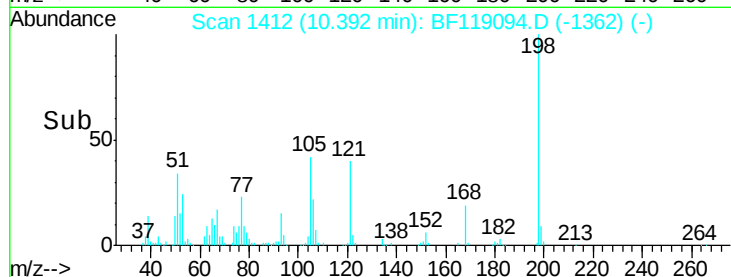
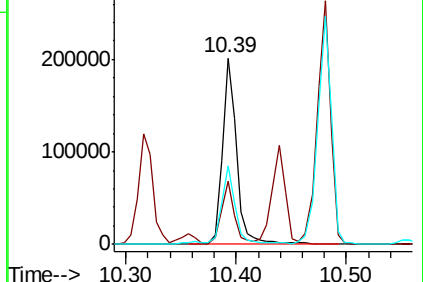
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.915 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

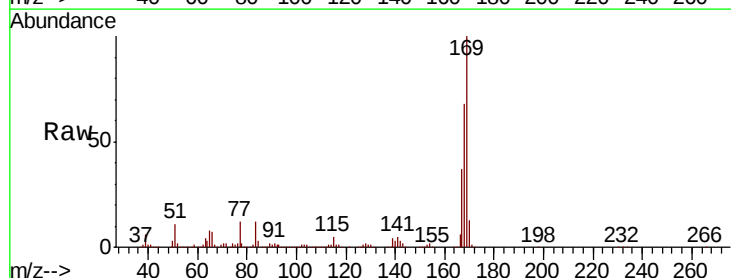
Tgt Ion:169 Resp: 890689

Ion Ratio Lower Upper

169 100

168 67.8 54.1 81.1

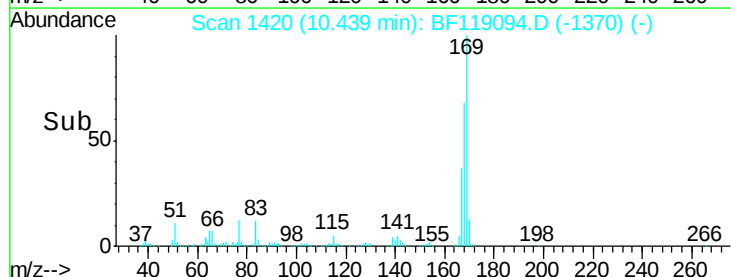
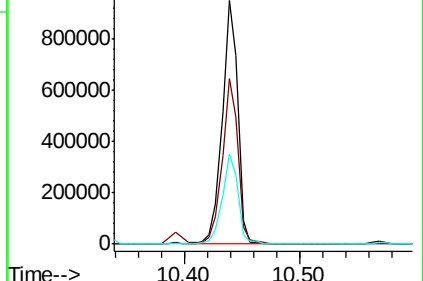
167 37.0 29.4 44.0

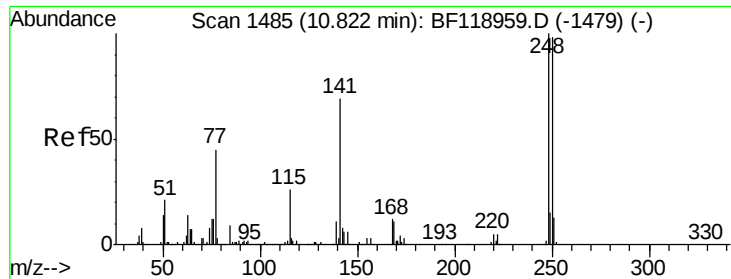


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





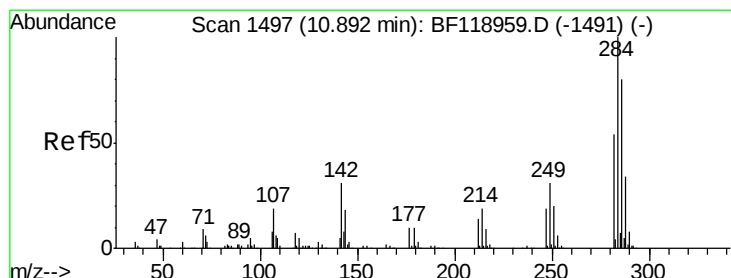
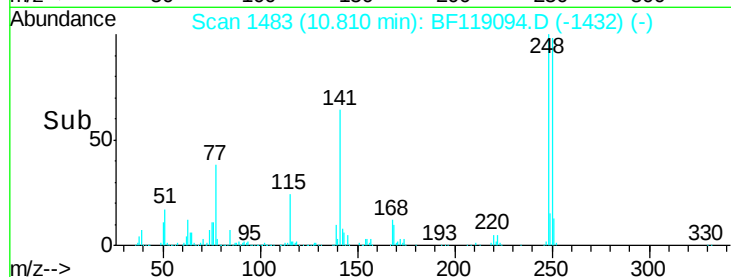
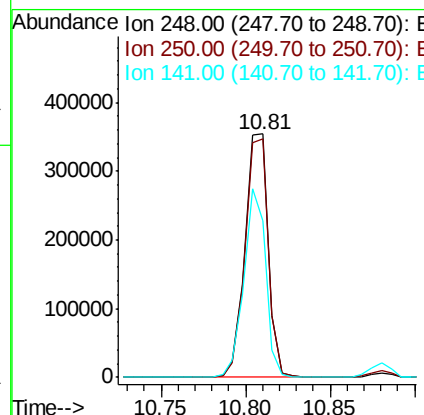
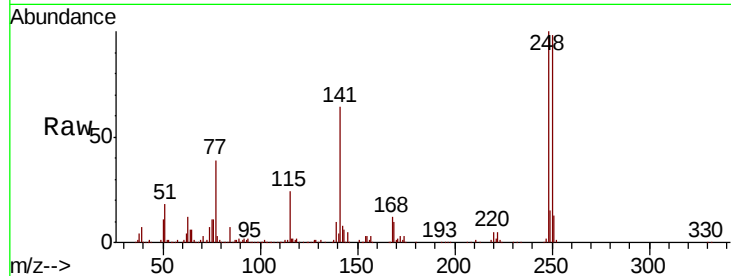
#67
4-Bromophenyl-phenylether
Concen: 41.333 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.7	115.1
141	64.1	60.7	91.1

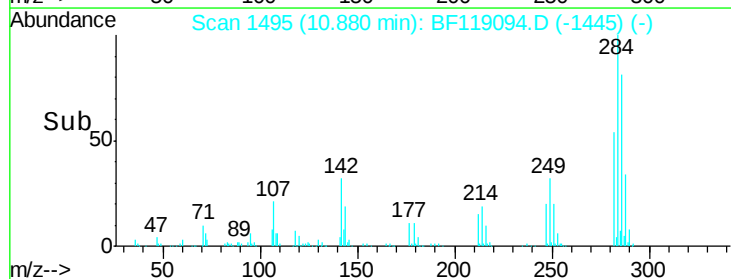
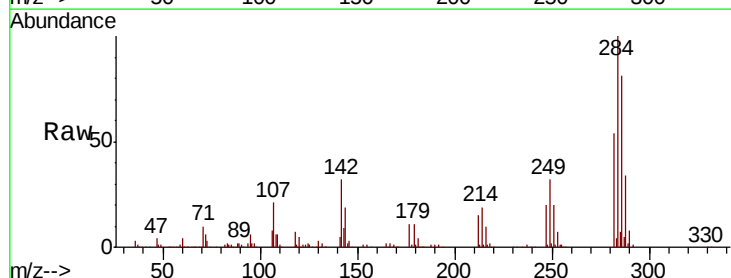
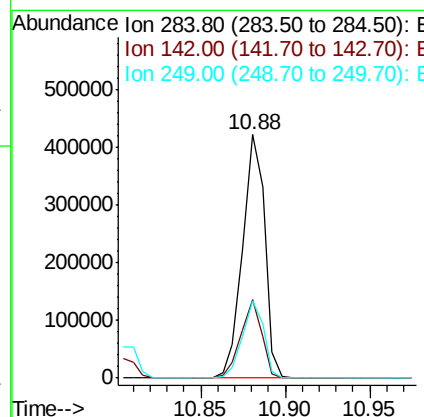
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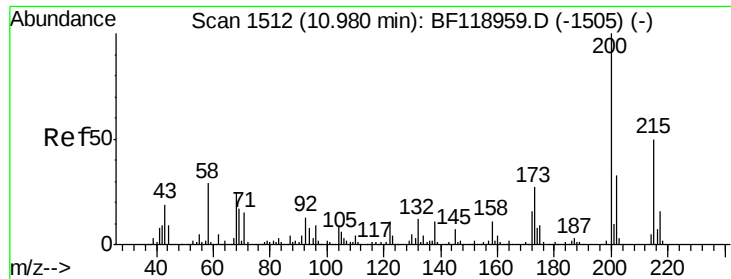
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#68
Hexachlorobenzene
Concen: 40.466 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	23.7	35.5
249	31.9	25.0	37.6





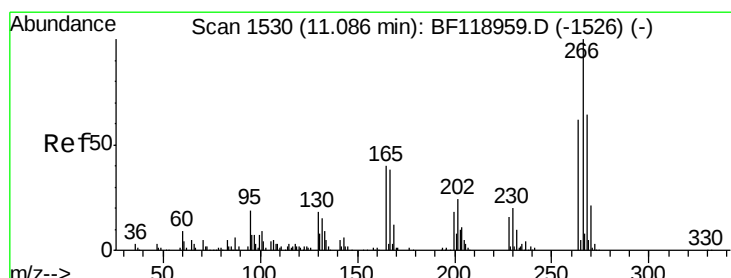
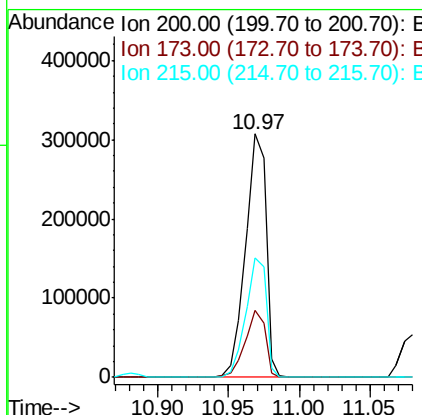
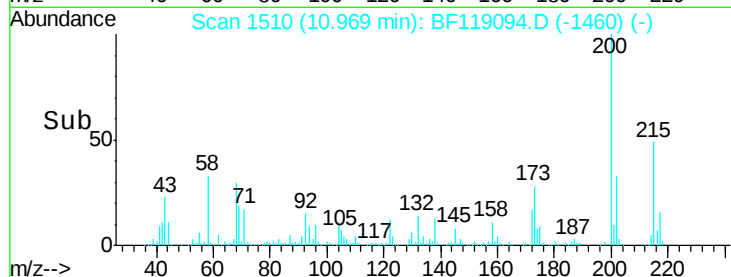
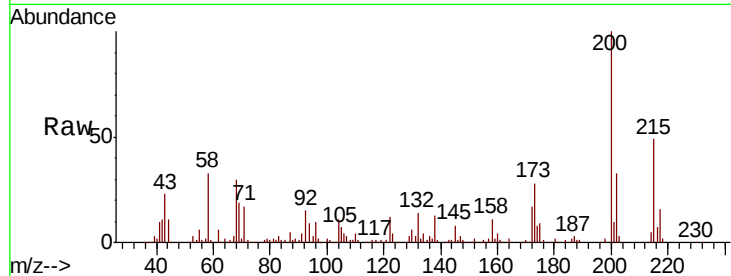
#69
Atrazine
Concen: 43.313 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.4	46.4
215	48.9	27.4	67.4

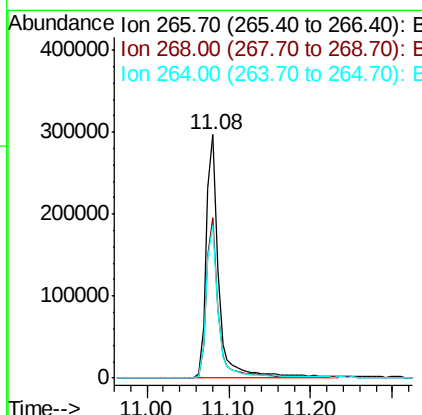
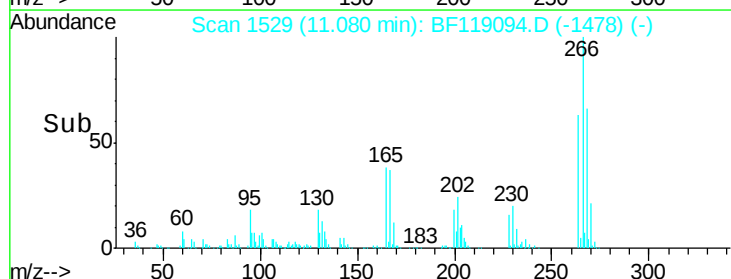
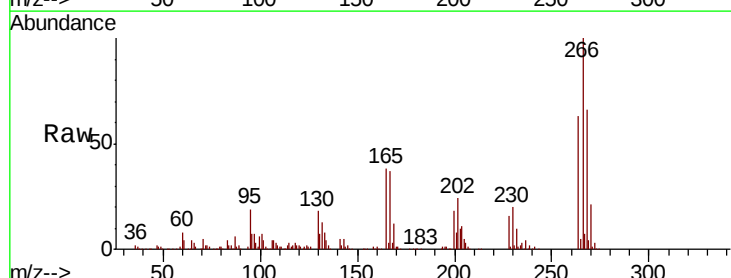
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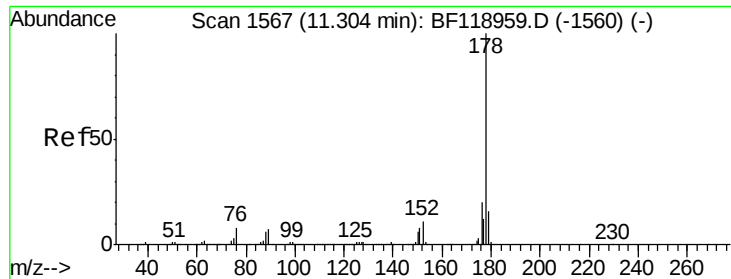
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#70
Pentachlorophenol
Concen: 83.689 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.9	77.9
264	62.8	51.0	76.4





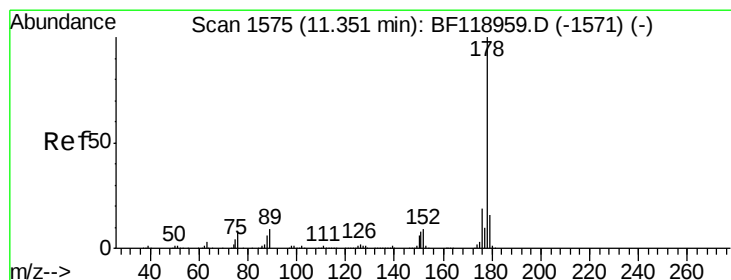
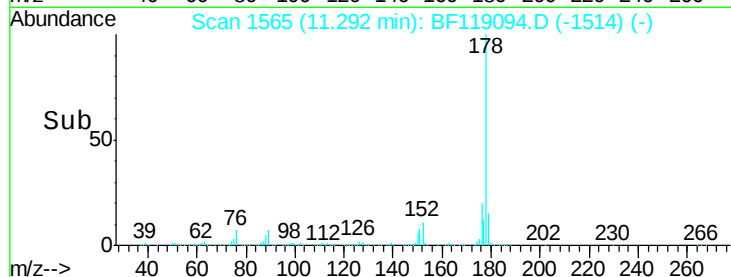
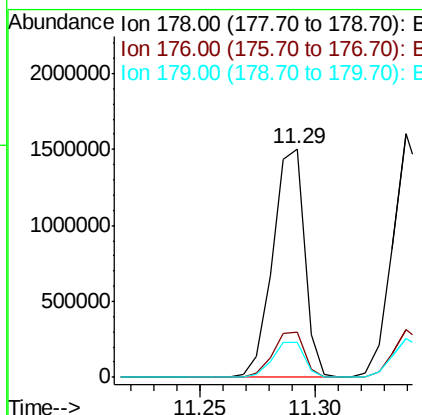
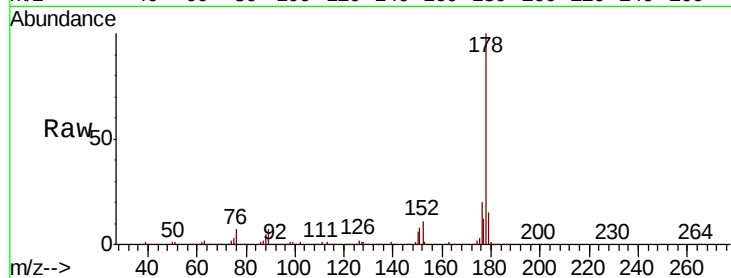
#71
Phenanthrene
Concen: 41.616 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion:178 Resp: 1438551
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.5 13.0 19.6

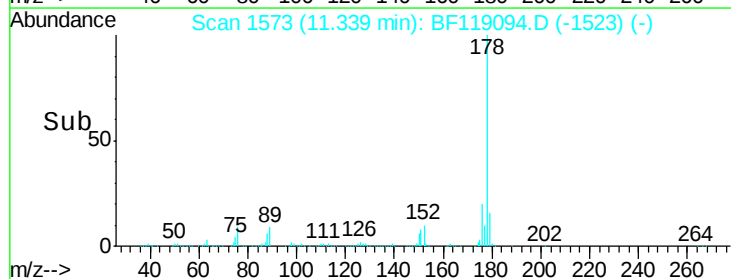
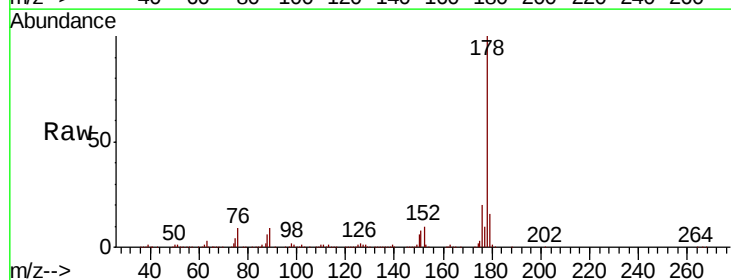
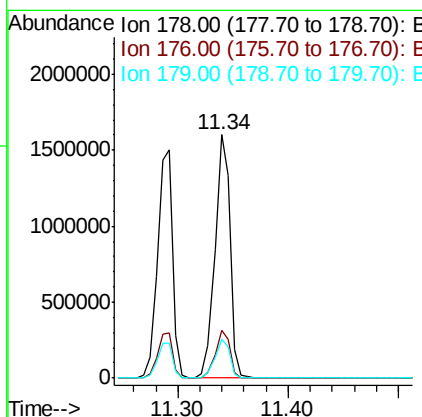
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#72
Anthracene
Concen: 43.622 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion:178 Resp: 1506636
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.2 13.1 19.7





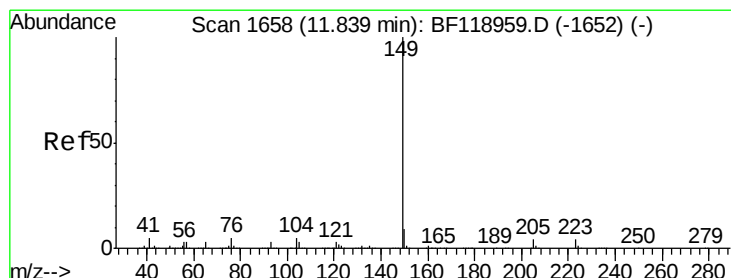
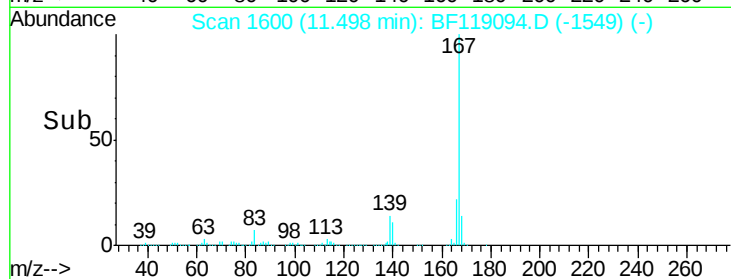
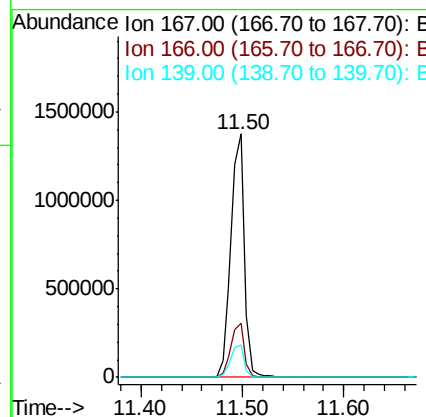
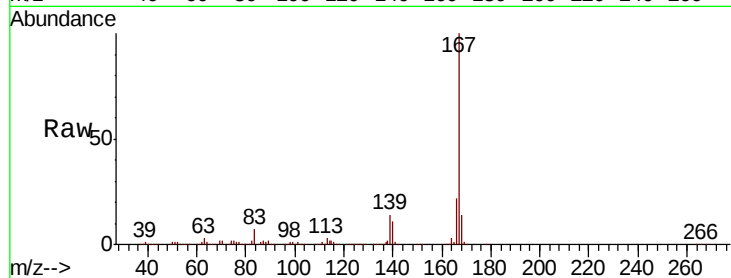
#73
 Carbazole
 Concen: 41.652 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.6	11.7	17.5

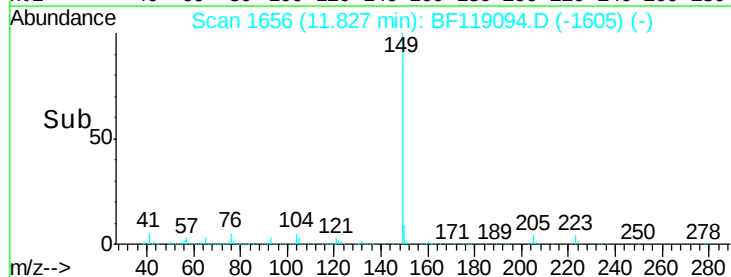
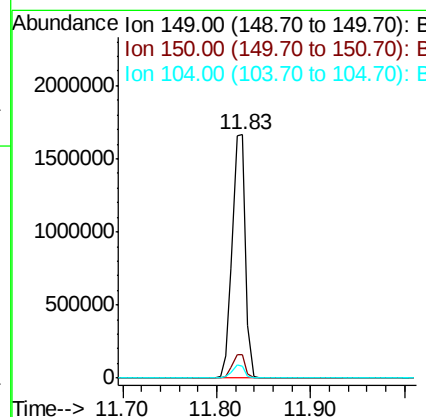
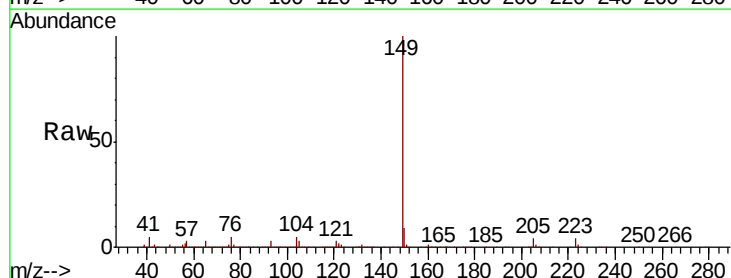
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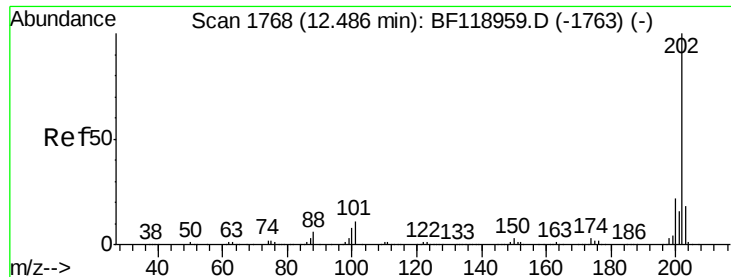
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#74
 Di-n-butylphthalate
 Concen: 43.871 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.9	4.6	6.8





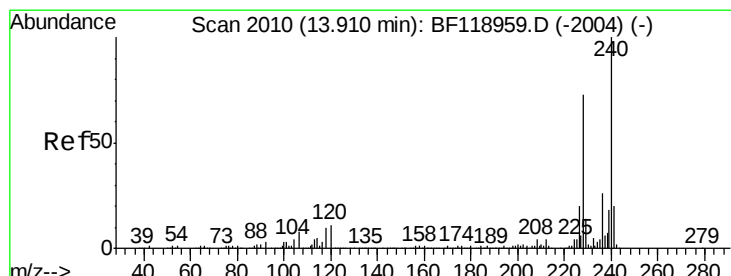
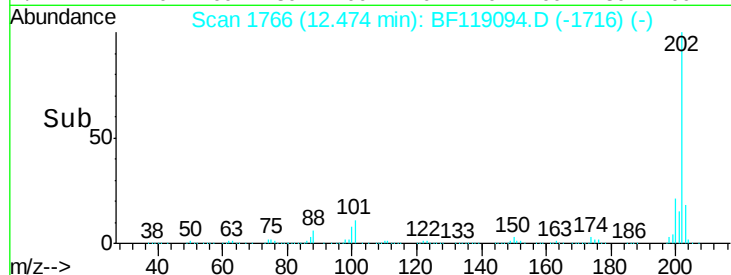
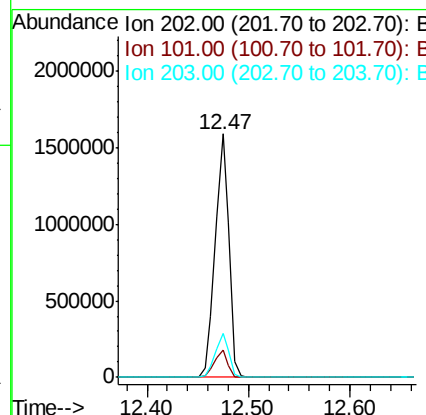
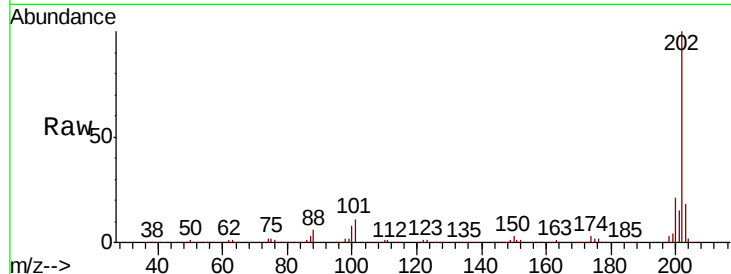
#75
Fluoranthene
Concen: 40.989 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
203	18.2	0.0	38.4

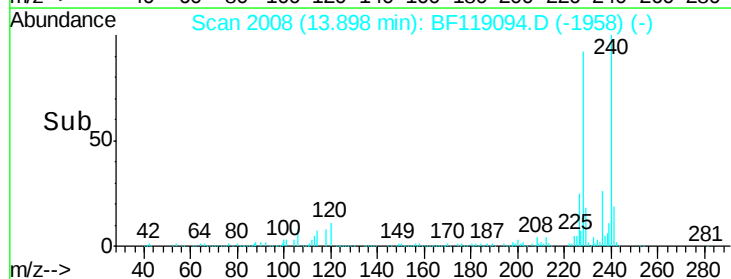
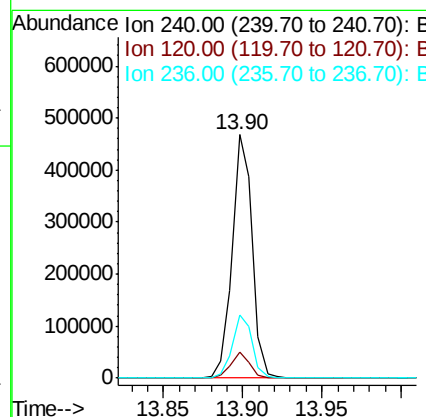
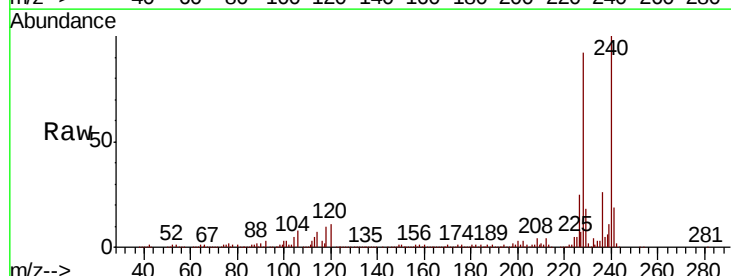
Manual Integrations
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.1	21.0	31.4





#77

Benzidine

Concen: 40.303 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

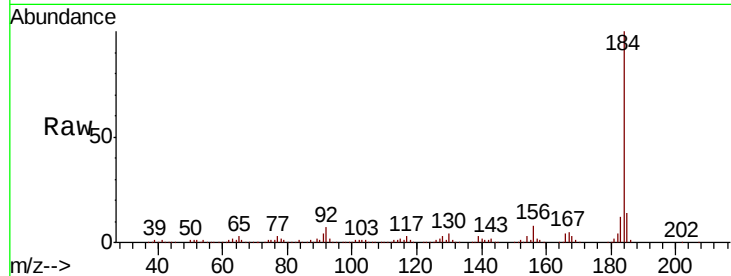
ClientSampleId :

SH-BORING-2MSD

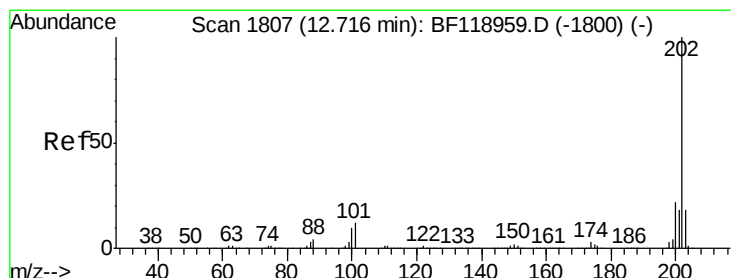
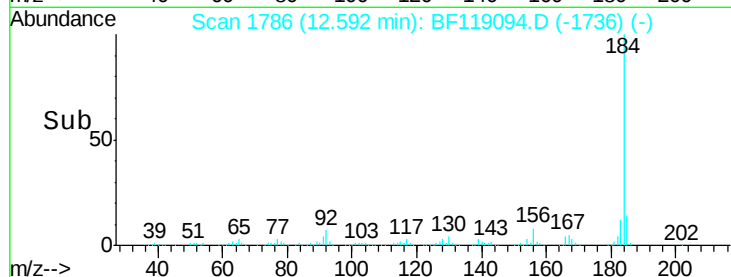
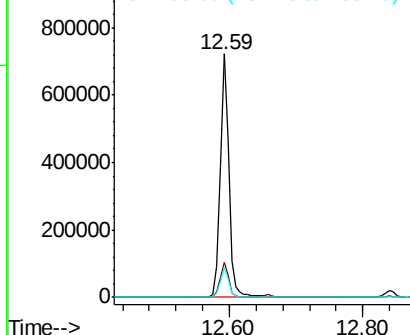
Tot Ion:	184	Resp:	666876
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	12.4	9.9	14.9

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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: 45.417 ng

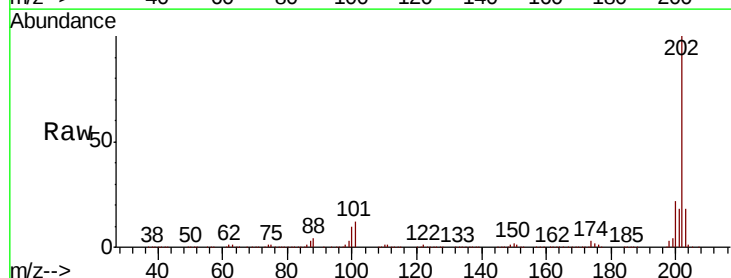
RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

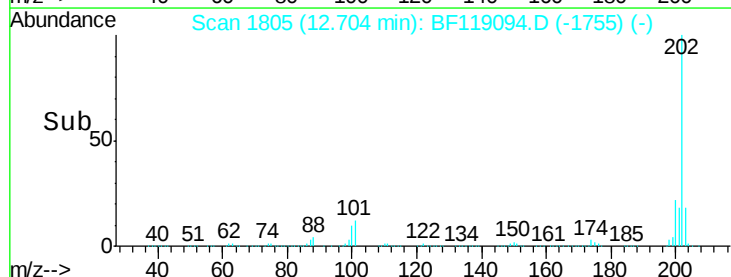
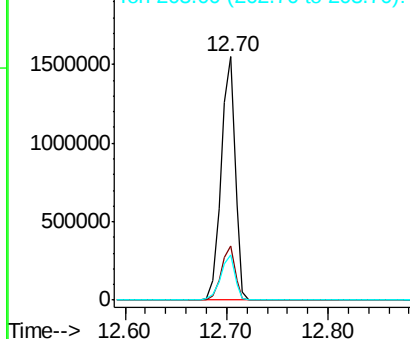
Lab File: BF119094.D

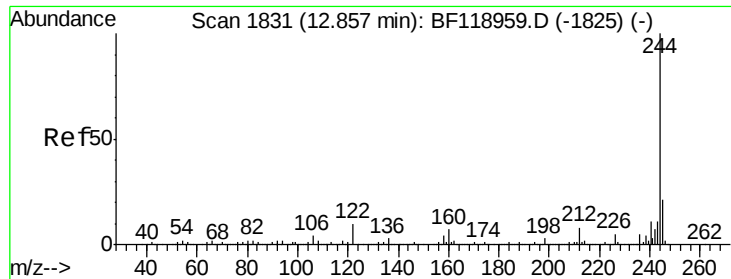
Acq: 26 Feb 2020 14:55

Tgt Ion:	202	Resp:	1483756
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.0	27.0
203	18.3	14.6	22.0



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





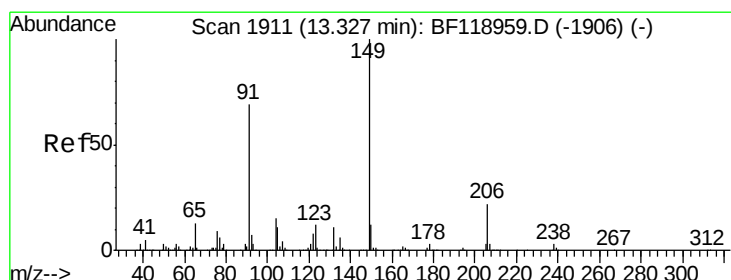
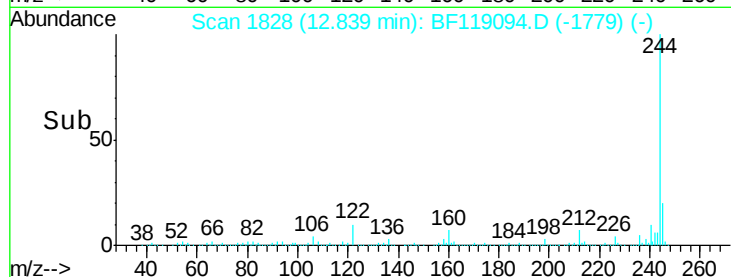
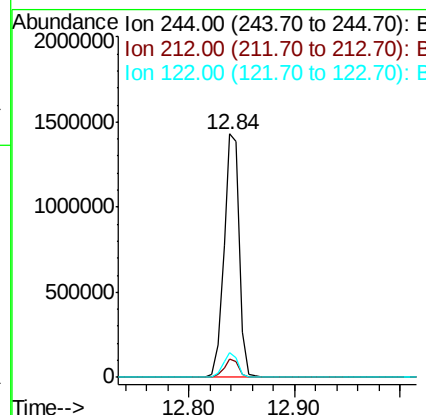
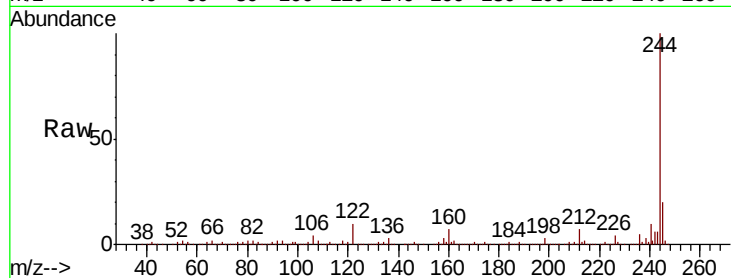
#79
 Terphenyl-d14
 Concen: 61.572 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	10.3	8.2	12.2

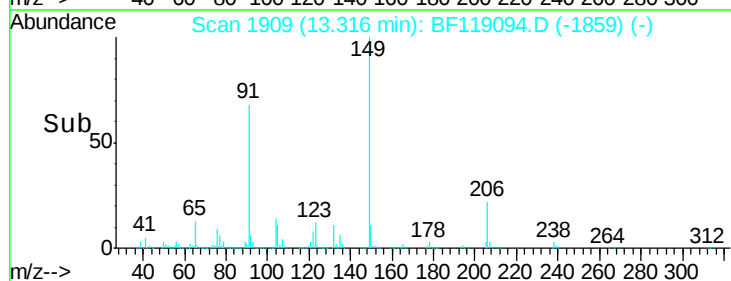
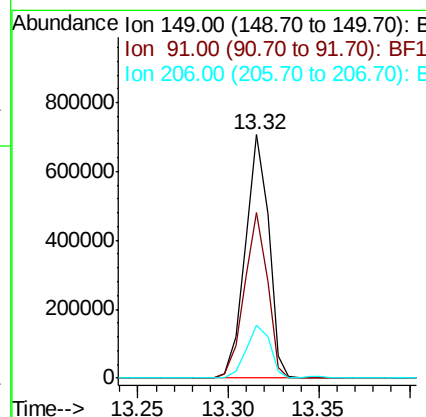
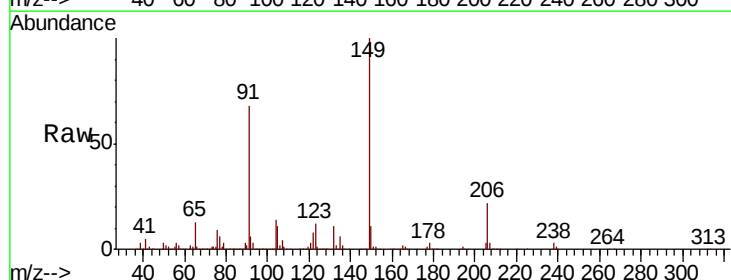
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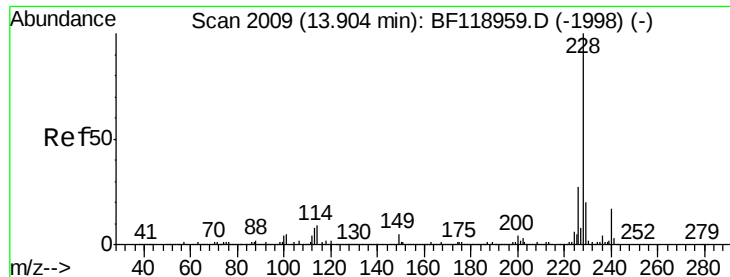
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.117 ng
 RT: 13.32 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	52.3	78.5
206	21.7	18.5	27.7





#81

Benzo(a)anthracene

Concen: 41.140 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

ClientSampleId :

SH-BORING-2MSD

Tot Ion:228 Resp: 1140462

Ion Ratio Lower Upper

228 100

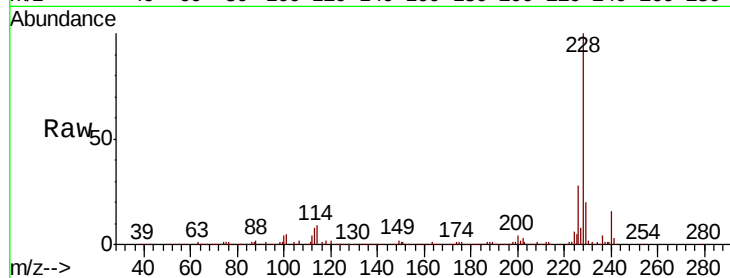
226 27.7 22.6 33.8

229 20.3 16.6 24.8

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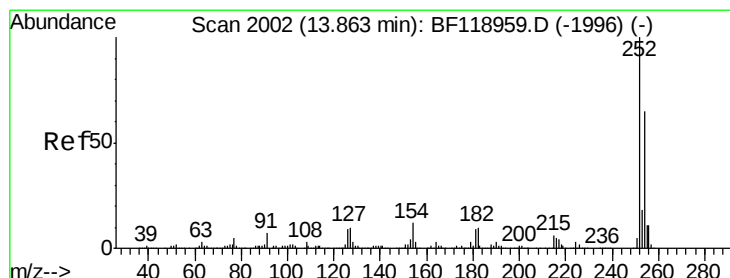
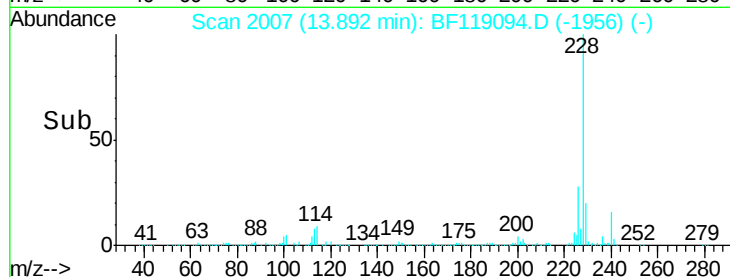
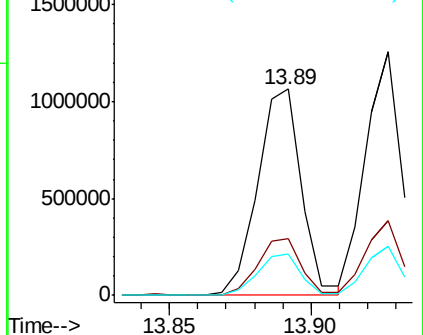
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.746 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:252 Resp: 277137

Ion Ratio Lower Upper

252 100

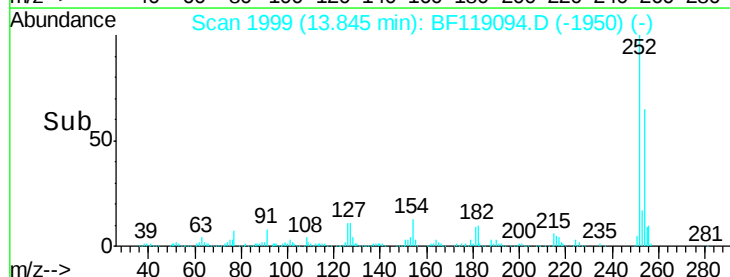
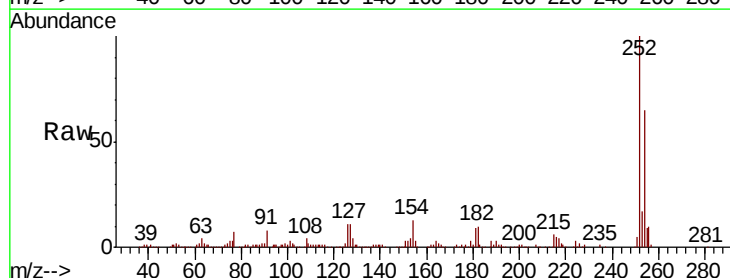
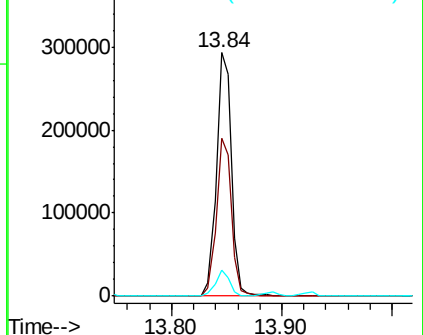
254 64.8 51.6 77.4

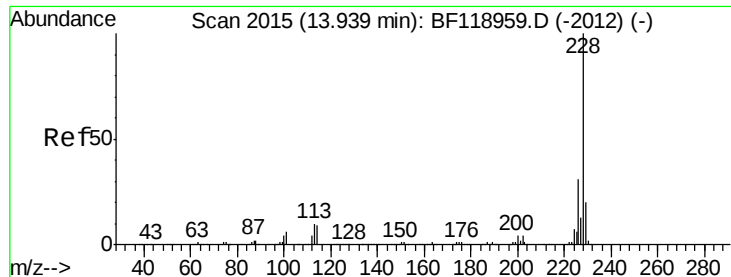
126 10.6 7.4 11.0

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





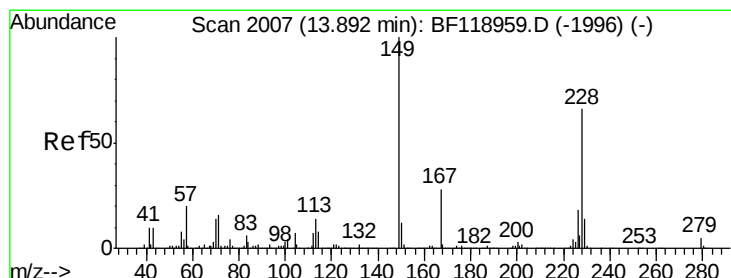
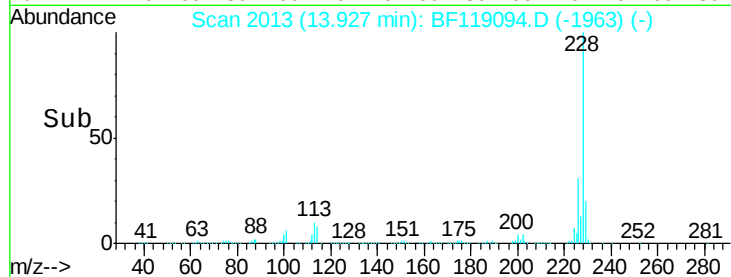
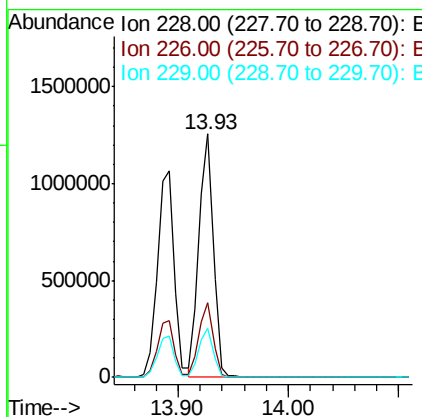
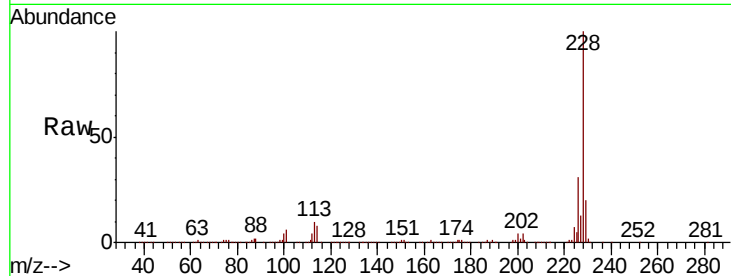
#83
 Chrvsene
 Concen: 40.068 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	19.9	16.3	24.5

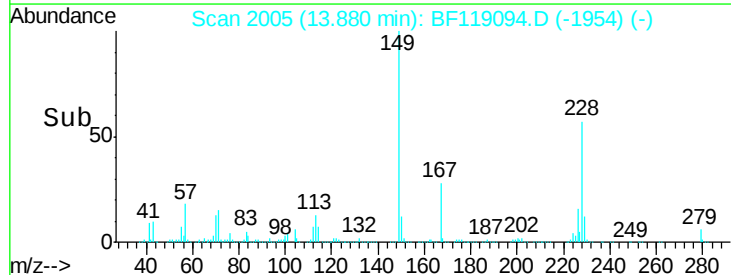
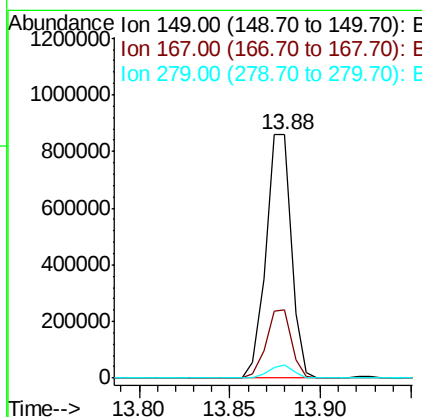
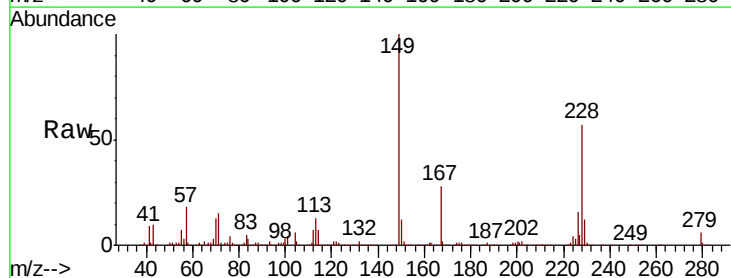
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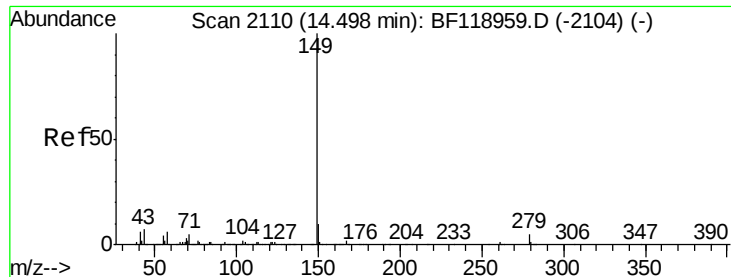
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.338 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BF119094.D
 Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	5.7	4.6	6.8





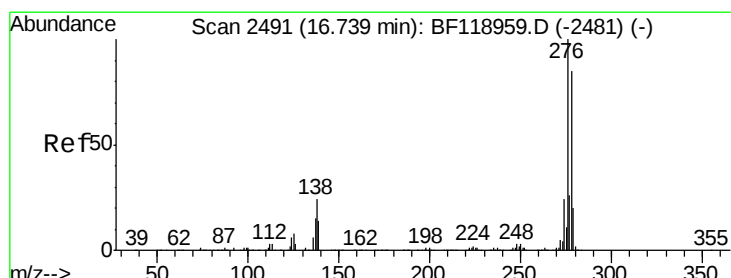
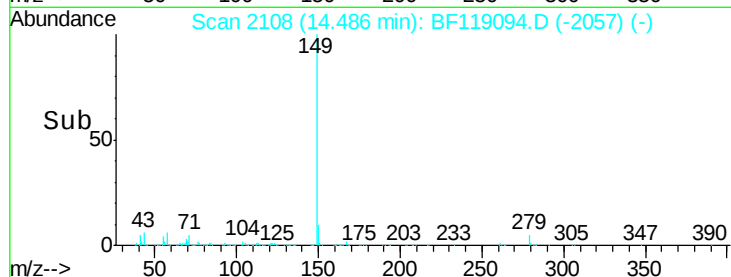
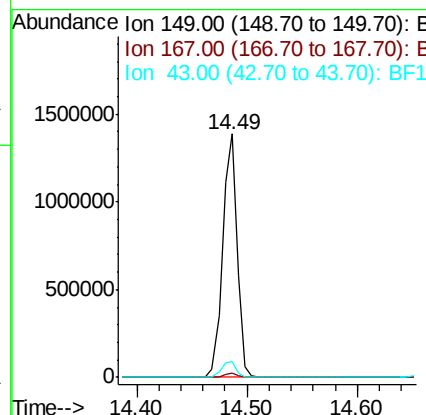
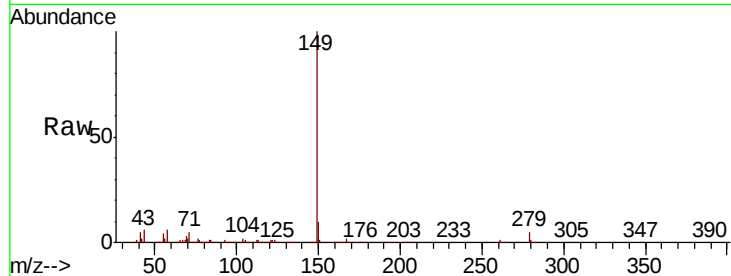
#85
Di-n-octyl phthalate
Concen: 45.475 ng
RT: 14.49 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.6	5.7	8.5

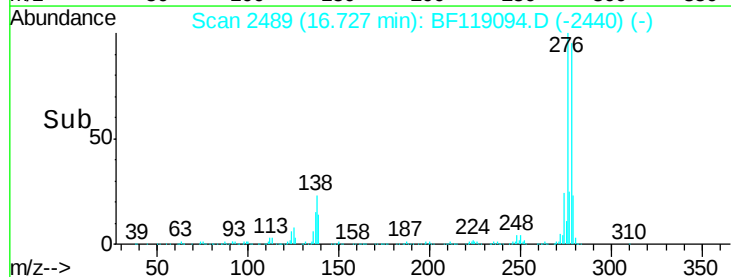
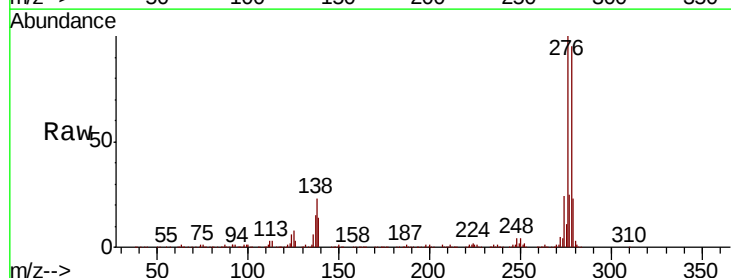
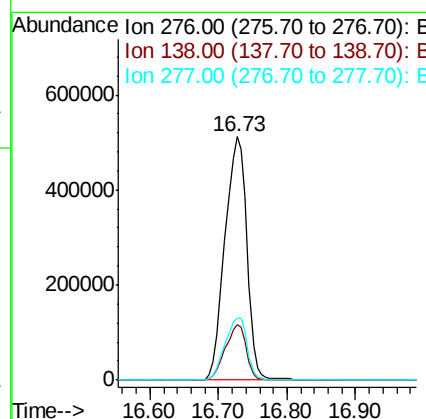
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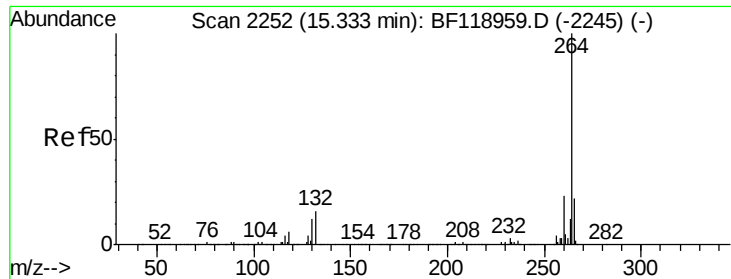
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.638 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.4	26.0
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA_F

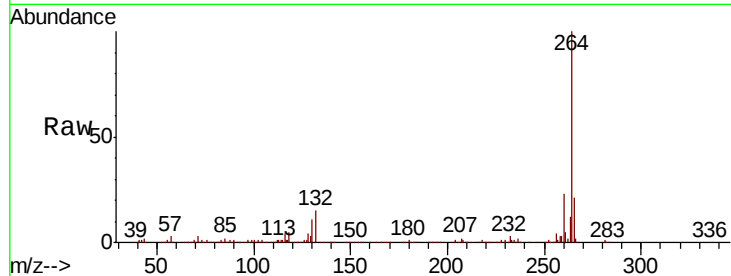
ClientSampleId :

SH-BORING-2MSD

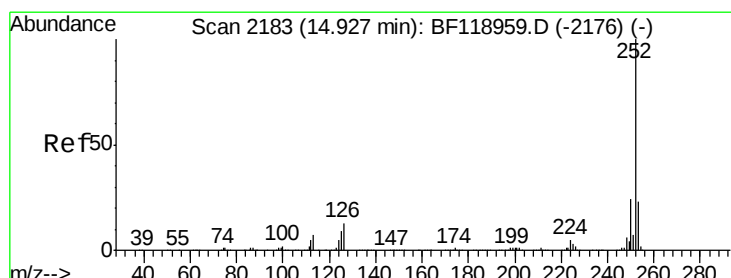
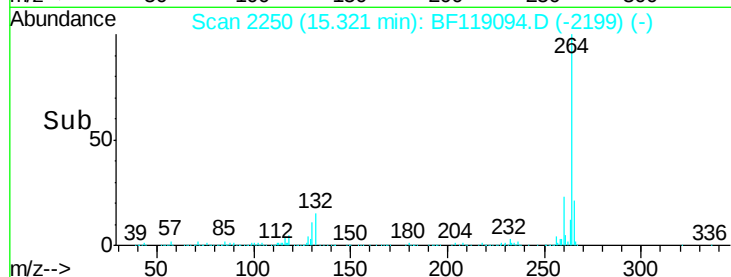
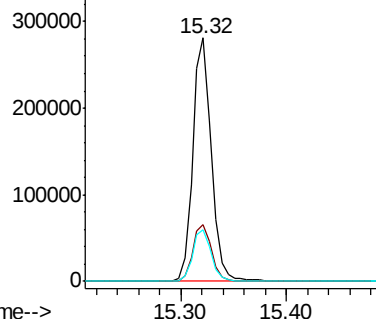
Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4	19.4	29.2		
265	21.1	17.7	26.5		

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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: 41.761 ng

RT: 14.92 min Scan# 2181

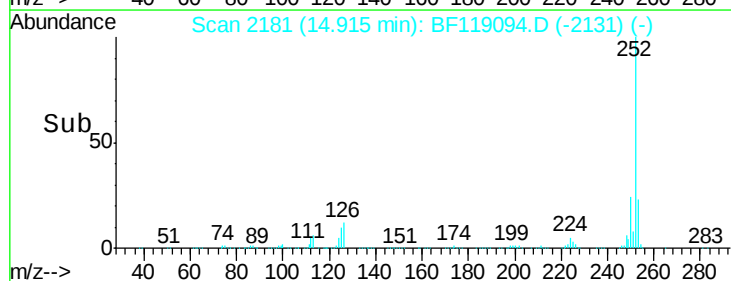
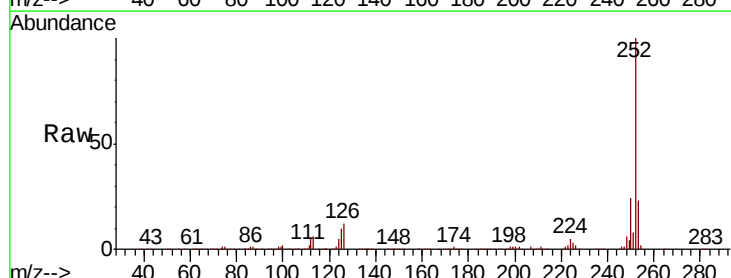
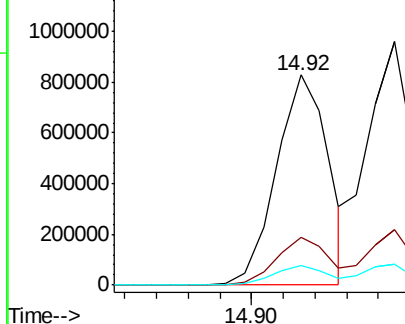
Delta R.T. -0.01 min

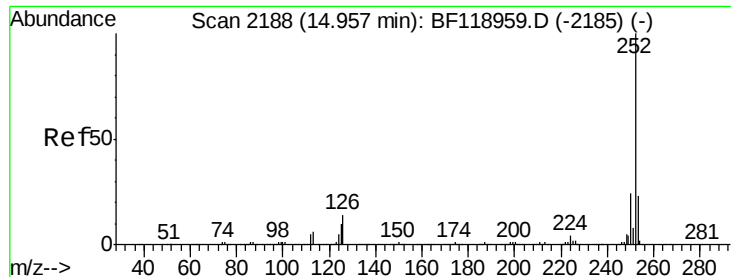
Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.6	18.1	27.1		
125	9.5	7.4	11.0		

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





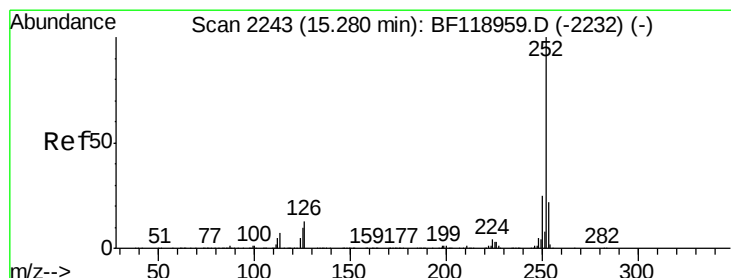
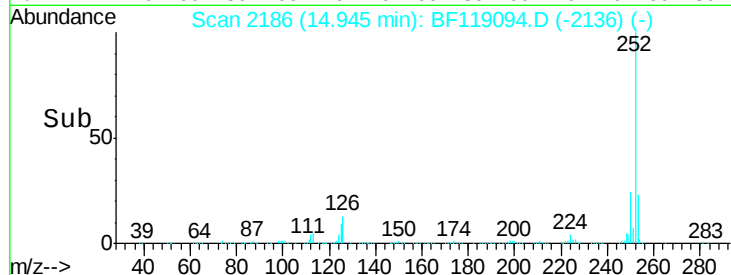
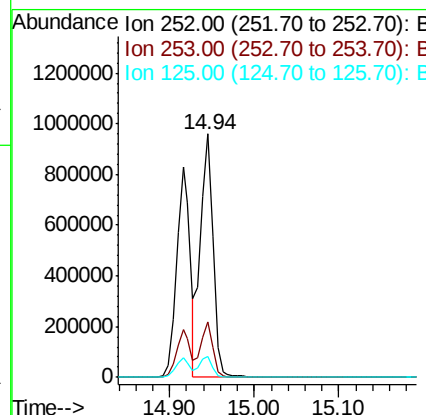
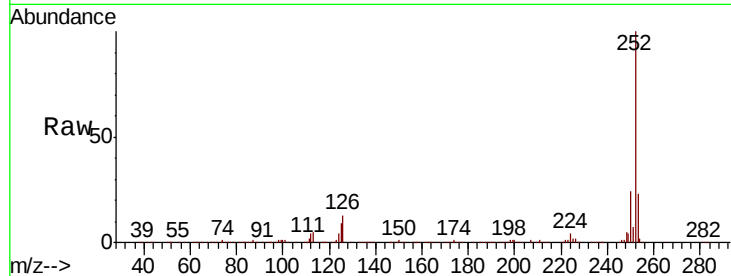
#89
Benzo(k)fluoranthene
Concen: 46.526 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.8	7.5	11.3

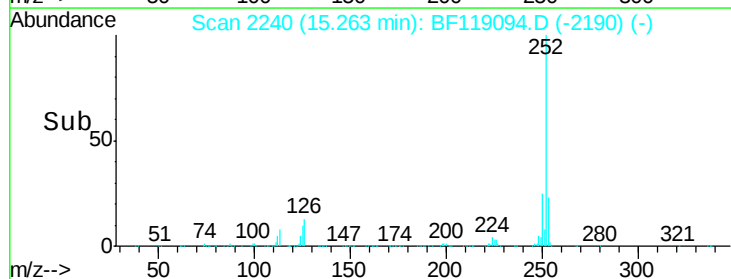
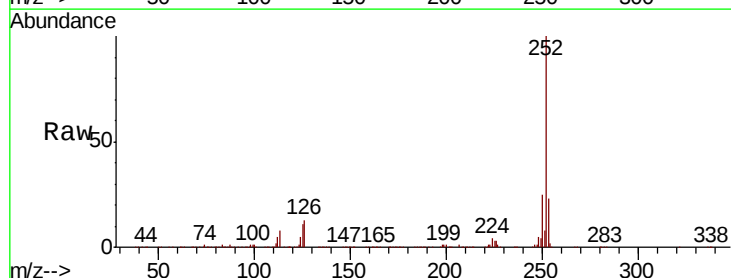
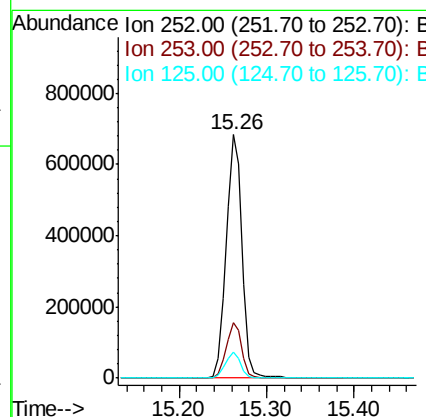
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#90
Benzo(a)pyrene
Concen: 42.083 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.5	8.6	12.8





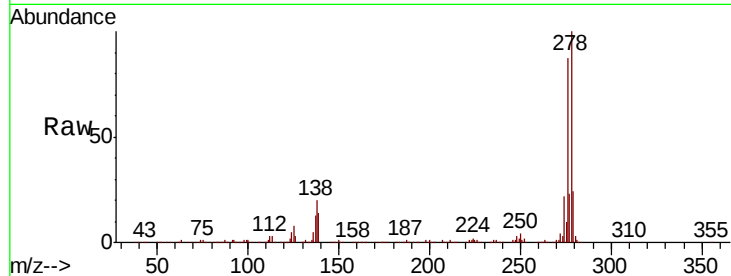
#91
Dibenzo(a,h)anthracene
Concen: 52.870 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.0	16.4
279	23.9	18.6	28.0

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mohammad
2/27/2020 4:58:27 PM

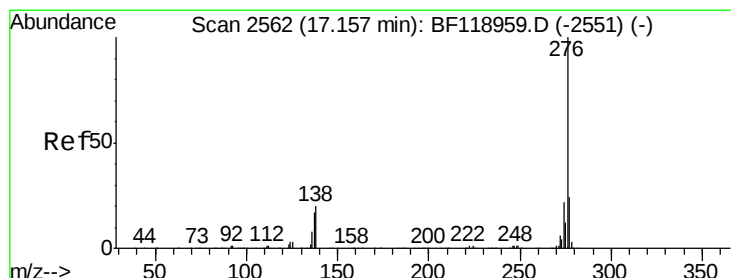
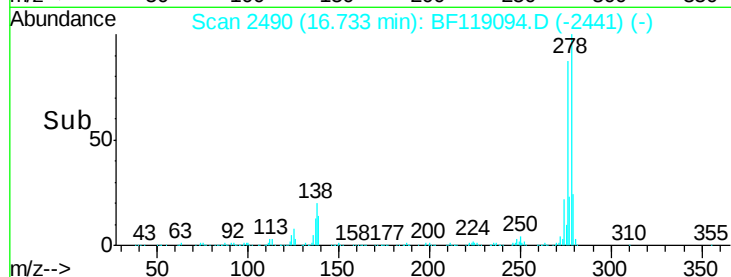
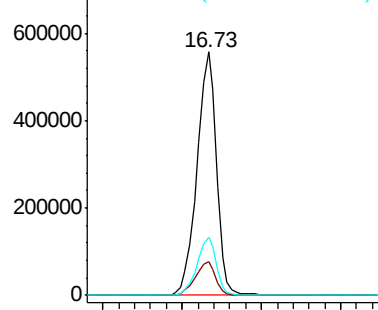


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.403 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119094.D
Acq: 26 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.8	14.3	21.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

