

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122774.D
 Acq On : 17 Dec 2020 20:10
 Operator : JU/CG
 Sample : L5036-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-1

Quant Time: Dec 18 01:44:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

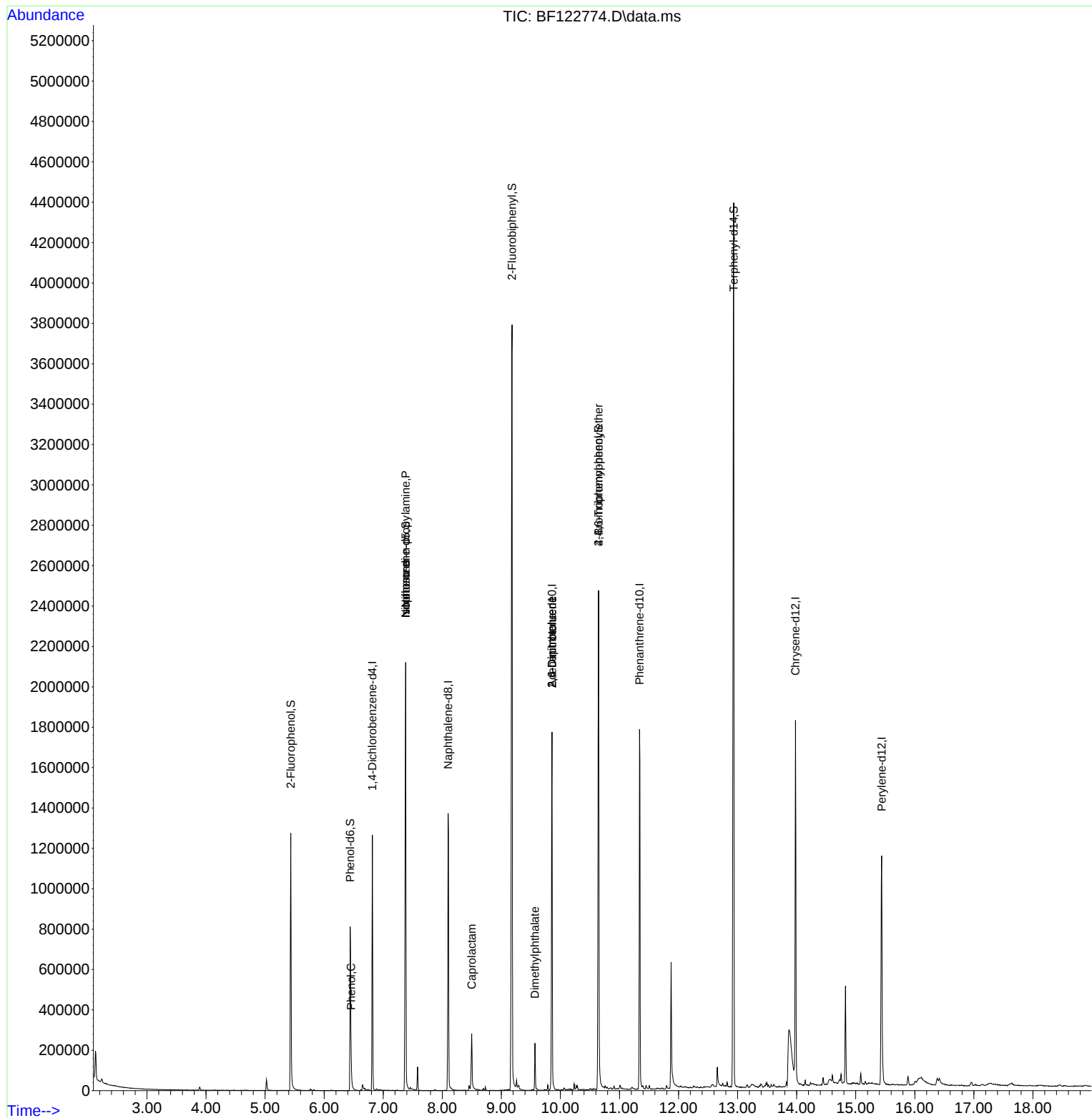
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	182659	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	724440	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	382915	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	702082	20.00	ng	0.00
76) Chrysene-d12	13.980	240	614895	20.00	ng	0.00
86) Perylene-d12	15.439	264	549230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	371584	32.21	ng	0.00
7) Phenol-d6	6.440	99	299749	19.59	ng	-0.02
23) Nitrobenzene-d5	7.381	82	764820	52.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	365919	73.01	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1430954	50.55	ng	0.00
79) Terphenyl-d14	12.933	244	1614343	45.96	ng	0.00
Target Compounds						
10) Phenol	6.457	94	43863	2.77	ng	Qvalue 90
19) n-Nitroso-di-n-propyla...	7.381	70	100677	11.49	ng	# 76
25) Isophorone	7.381	82	764811	30.71	ng	# 65
35) Caprolactam	8.498	113	38762	10.72	ng	98
50) Dimethylphthalate	9.569	163	93927	3.07	ng	100
51) 2,6-Dinitrotoluene	9.857	165	49084	7.60	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	49084	5.71	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	21998	2.31	ng	# 1

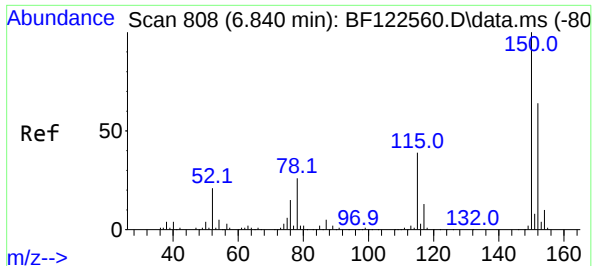
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 01:44:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

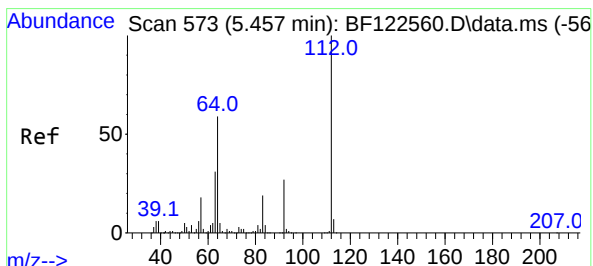
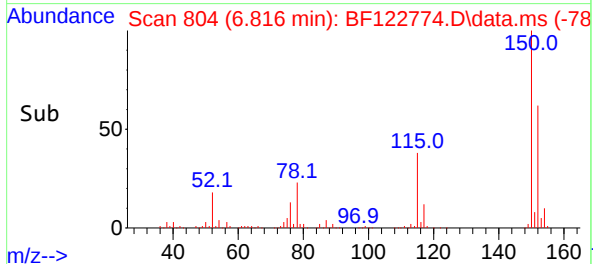
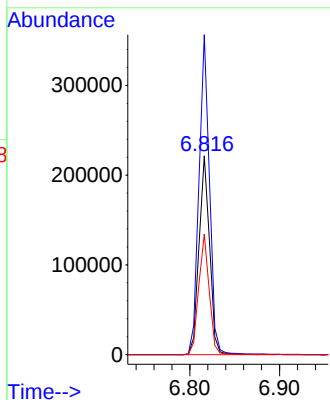
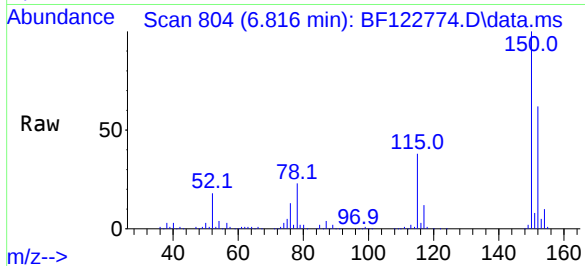




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

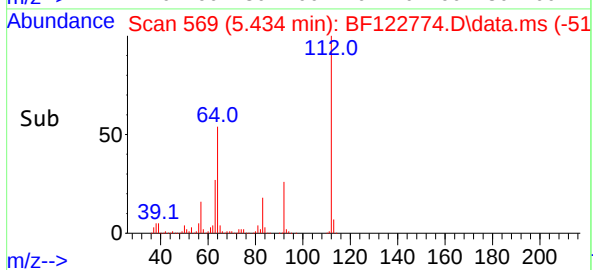
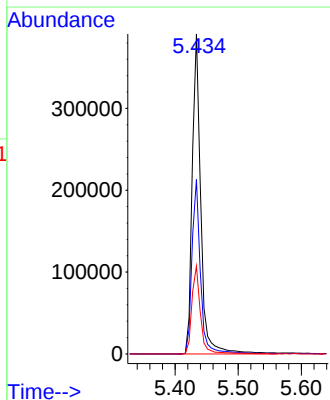
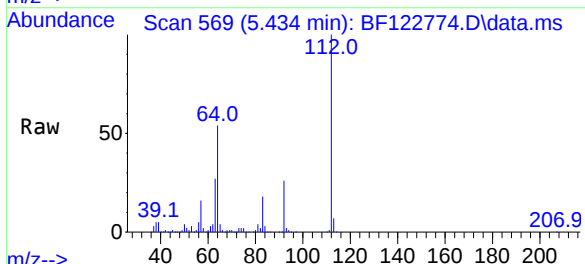
Instrument :
BNA_F
ClientSampleId :
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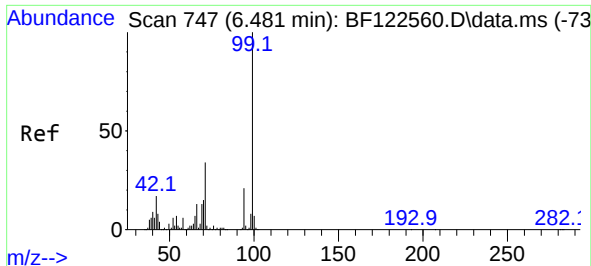
Tgt Ion:152 Resp: 182659
Ion Ratio Lower Upper
152 100
150 160.9 125.8 188.6
115 60.6 49.3 73.9



#5
2-Fluorophenol
Concen: 32.21 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion:112 Resp: 371584
Ion Ratio Lower Upper
112 100
64 54.5 46.9 70.3
63 27.4 24.5 36.7



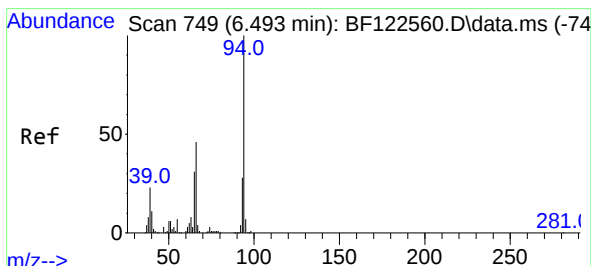
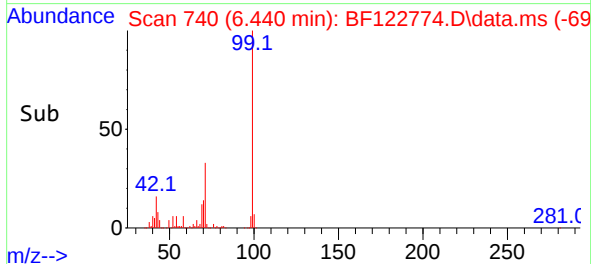
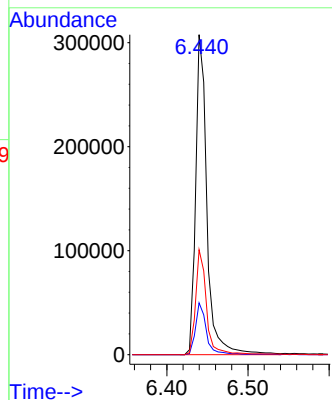
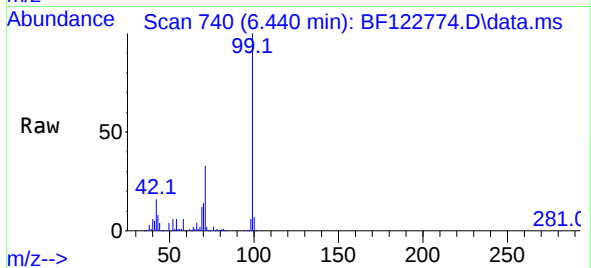


#7
Phenol-d6
Concen: 19.59 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion: 99 Resp: 299749

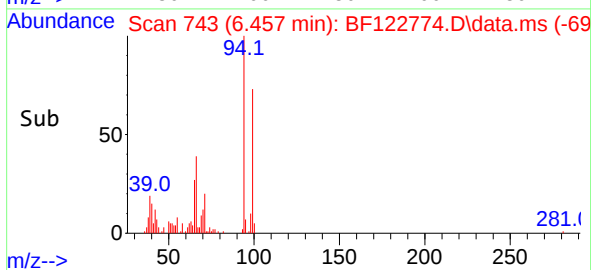
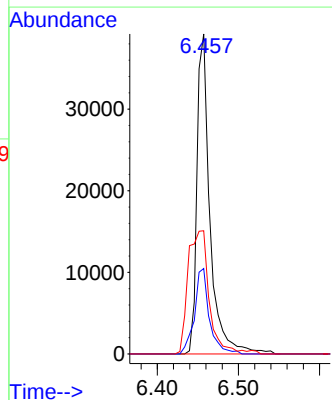
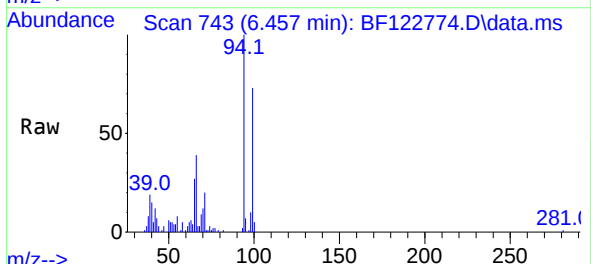
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.6
71	32.8	26.9	40.3

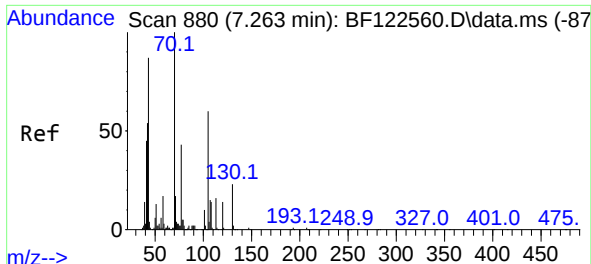


#10
Phenol
Concen: 2.77 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion: 94 Resp: 43863

Ion	Ratio	Lower	Upper
94	100		
65	26.7	11.2	51.2
66	38.5	25.8	65.8

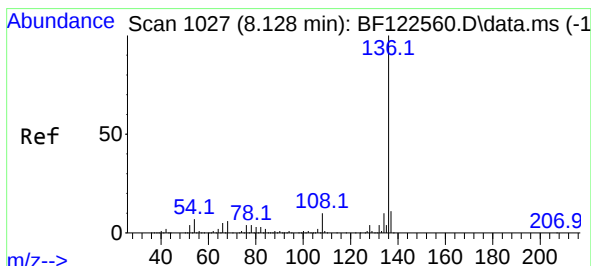
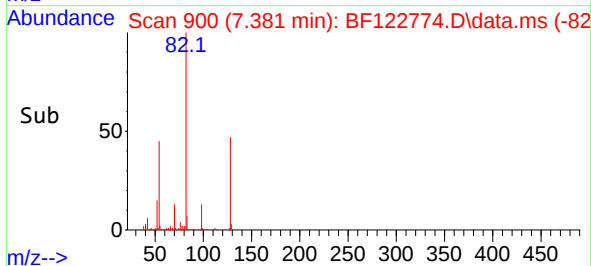
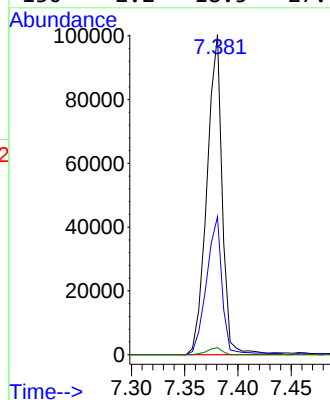
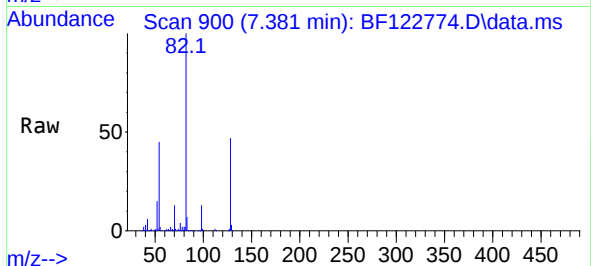




#19
n-Nitroso-di-n-propylamine
Concen: 11.49 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

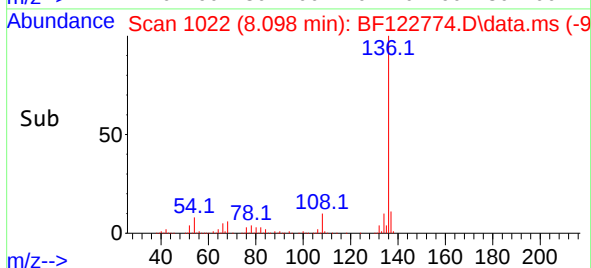
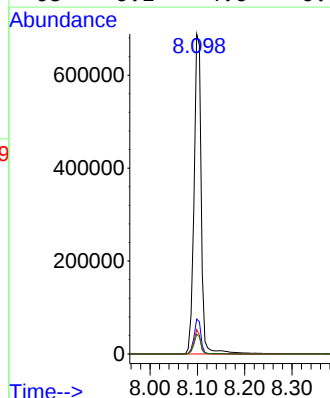
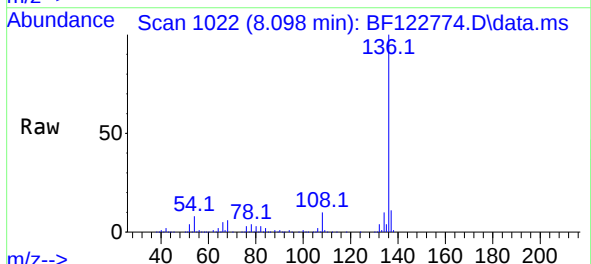
Instrument :
BNA_F
ClientSampleId :
WP-1

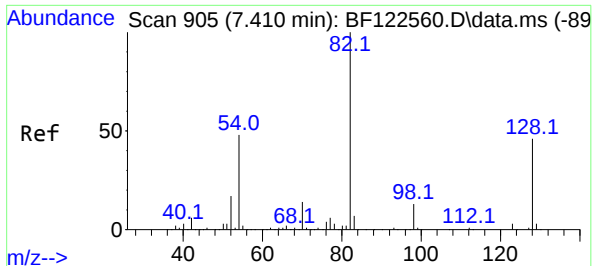
Tgt Ion: 70 Resp: 100677
Ion Ratio Lower Upper
70 100
42 43.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion: 136 Resp: 724440
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.5 8.3
68 6.1 4.6 6.8

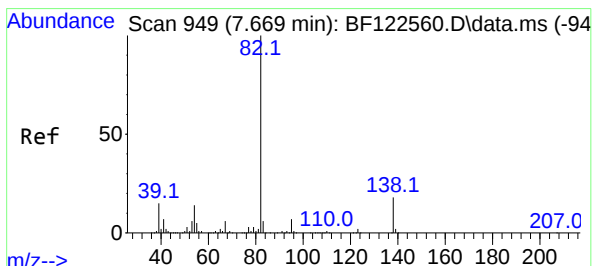
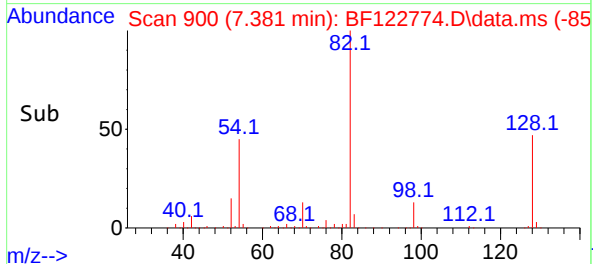
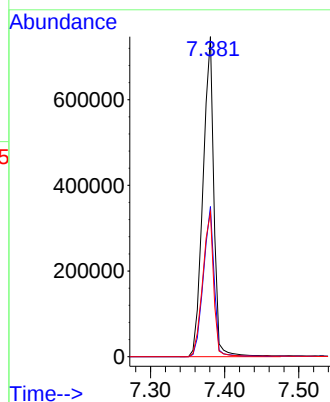
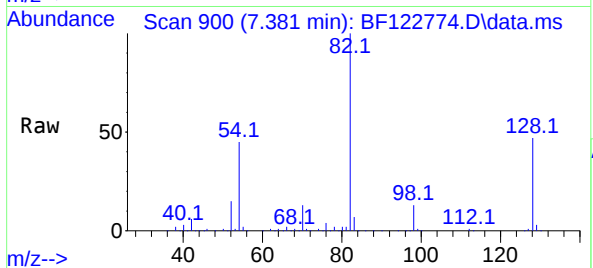




#23
Nitrobenzene-d5
Concen: 52.89 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

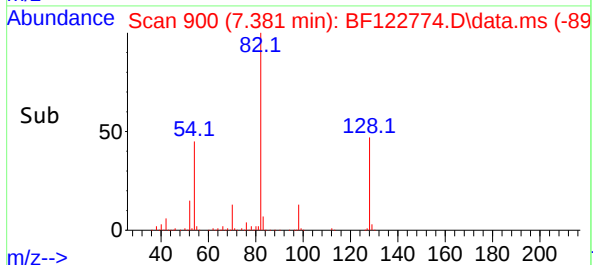
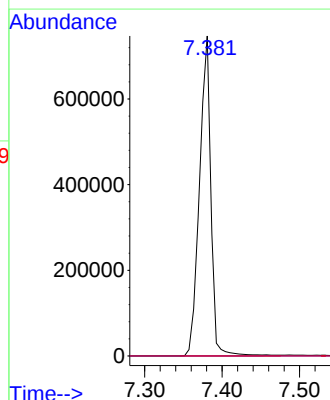
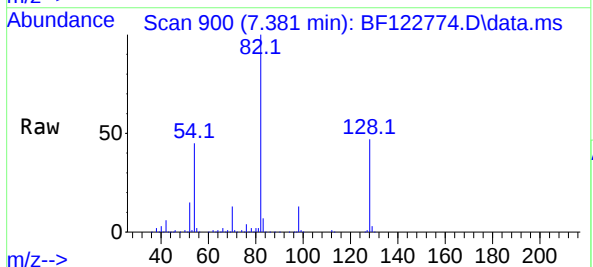
Instrument :
BNA_F
ClientSampled :
WP-1

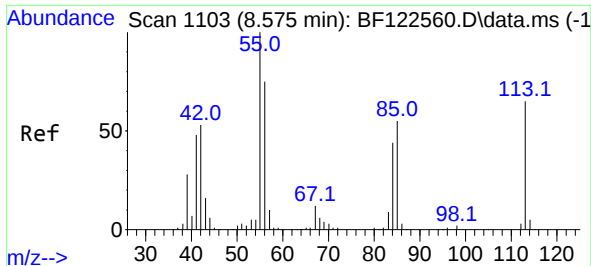
Tgt Ion: 82 Resp: 764820
Ion Ratio Lower Upper
82 100
128 46.9 37.0 55.4
54 45.2 38.4 57.6



#25
Isophorone
Concen: 30.71 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion: 82 Resp: 764811
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

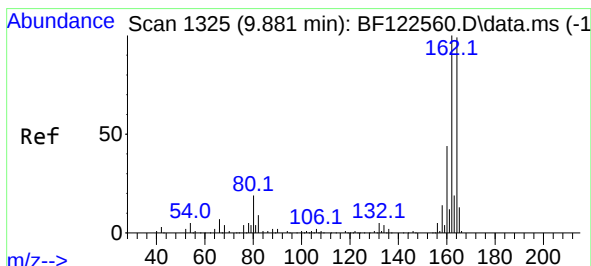
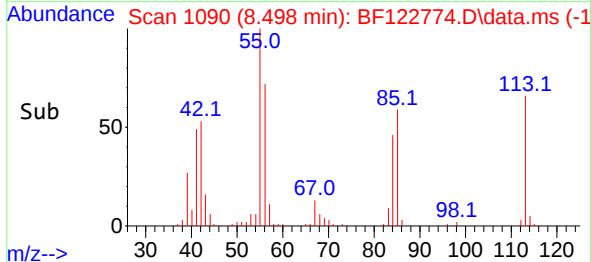
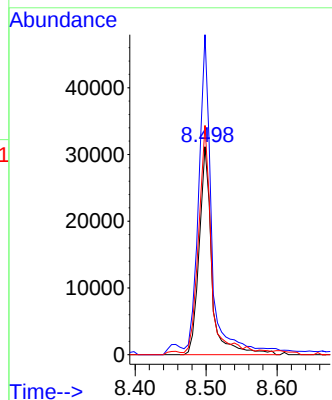
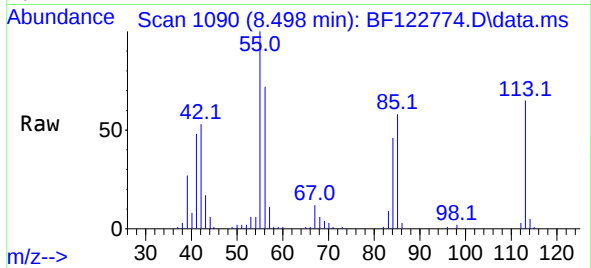




#35
Caprolactam
Concen: 10.72 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.053 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

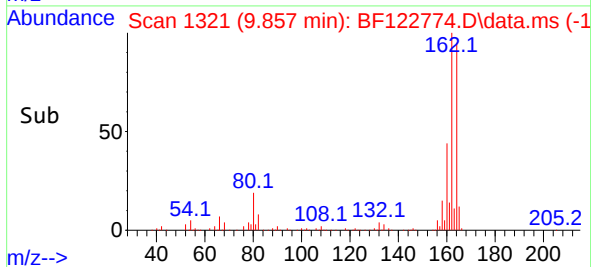
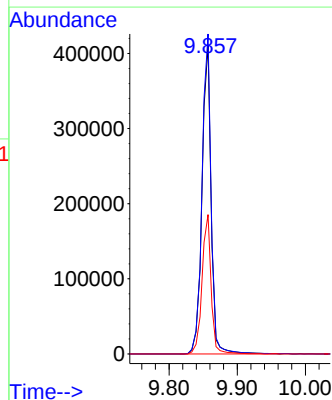
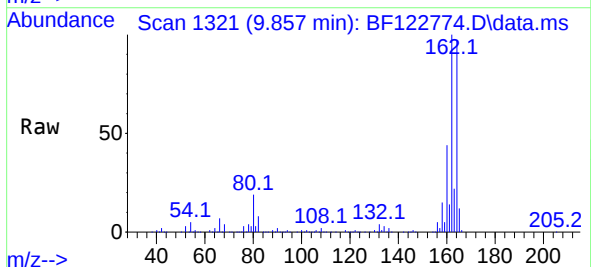
Instrument :
BNA_F
ClientSampled :
WP-1

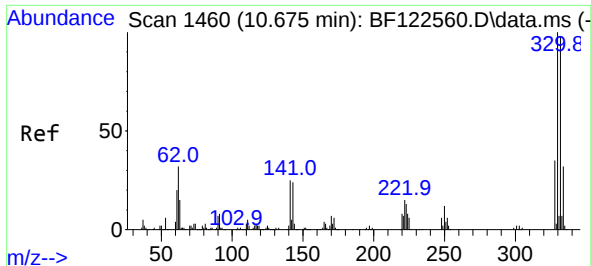
Tgt Ion:113 Resp: 38762
Ion Ratio Lower Upper
113 100
55 153.8 133.7 173.7
56 110.2 95.3 135.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion:164 Resp: 382915
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 45.1 35.4 53.0

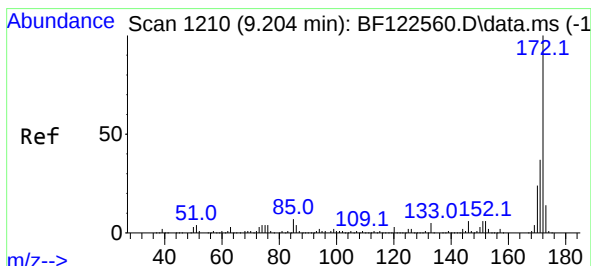
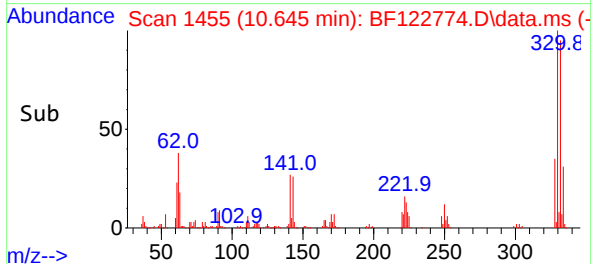
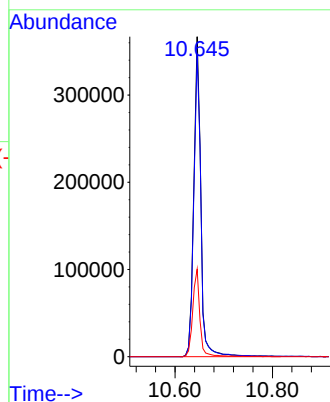
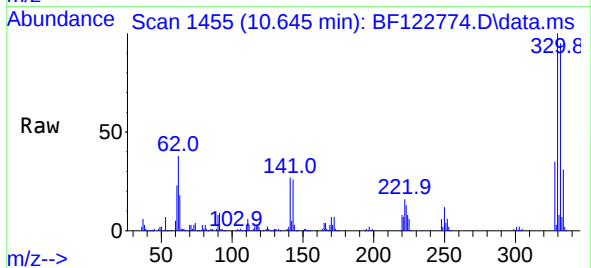




#42
2,4,6-Tribromophenol
Concen: 73.01 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

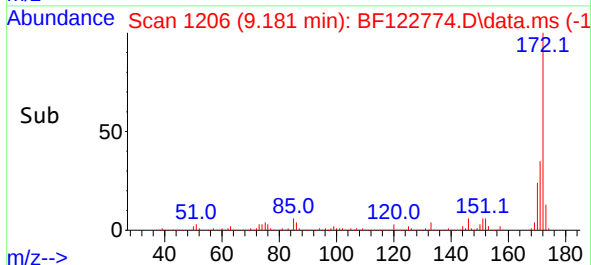
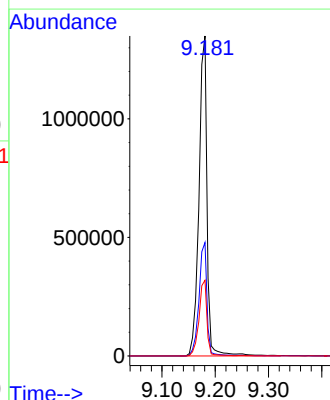
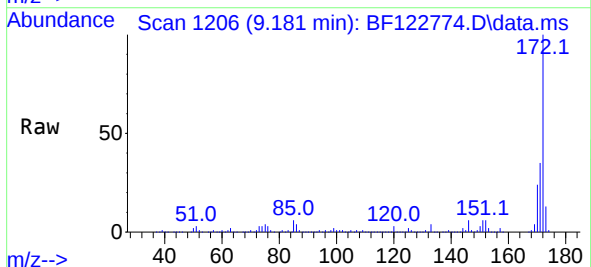
Instrument :
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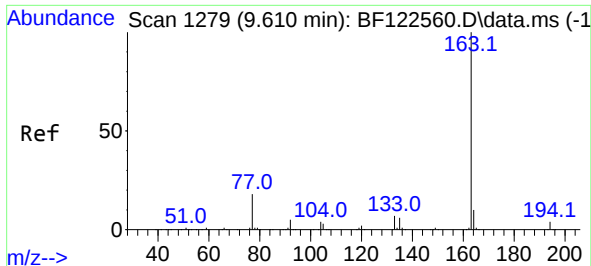
Tgt Ion: 330 Resp: 365919
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 27.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 50.55 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion: 172 Resp: 1430954
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.7 19.5 29.3

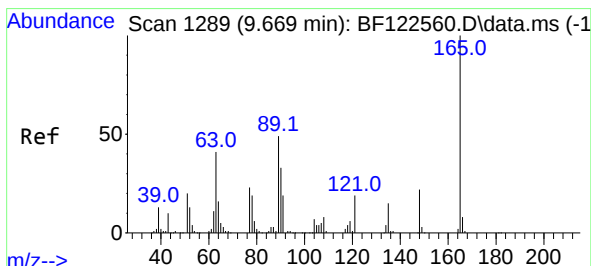
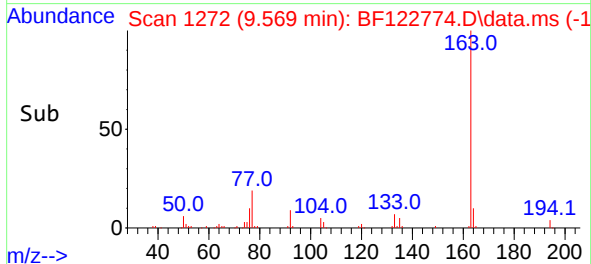
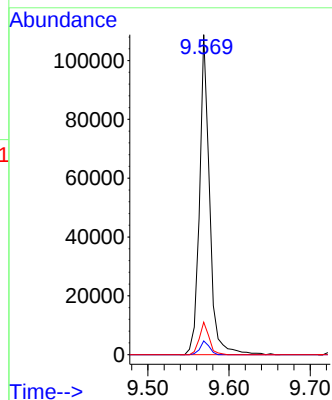
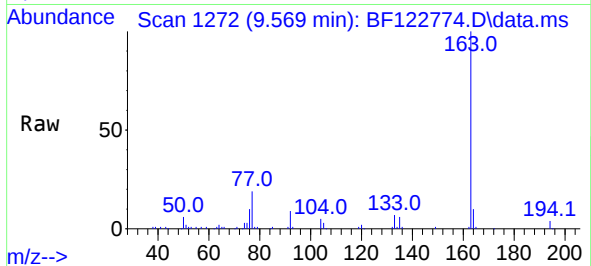




#50
Dimethylphthalate
Concen: 3.07 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

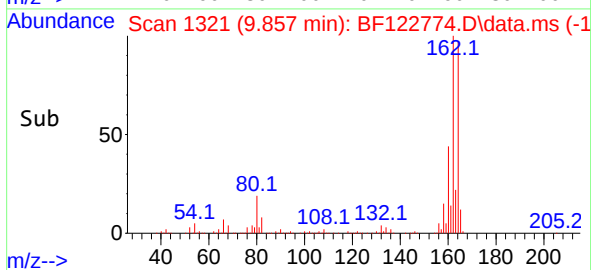
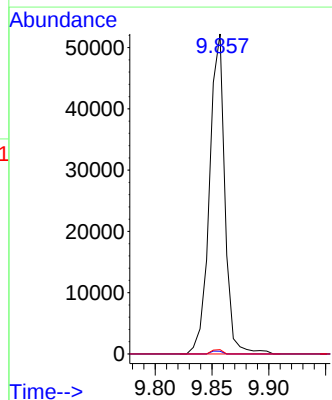
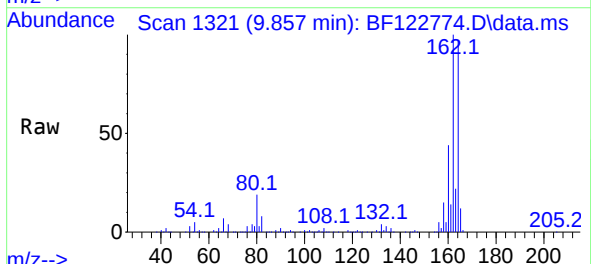
Instrument :
BNA_F
ClientSampleId :
WP-1

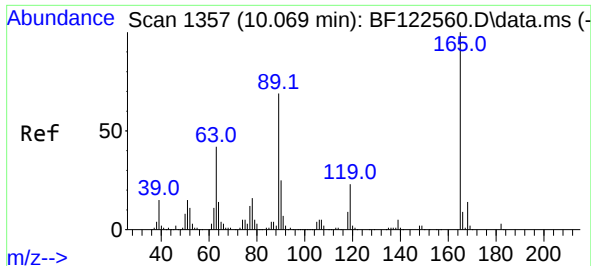
Tgt Ion:163 Resp: 93927
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion:165 Resp: 49084
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.3 39.4 59.0#

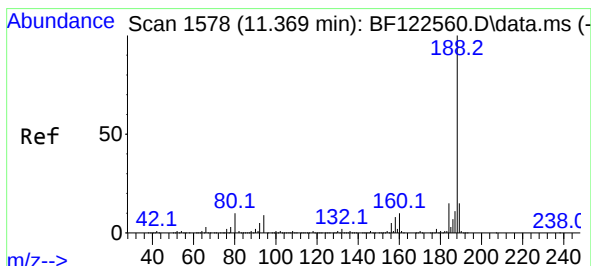
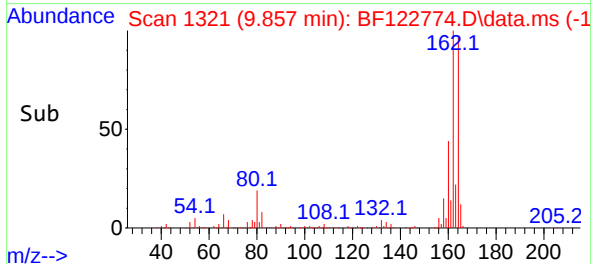
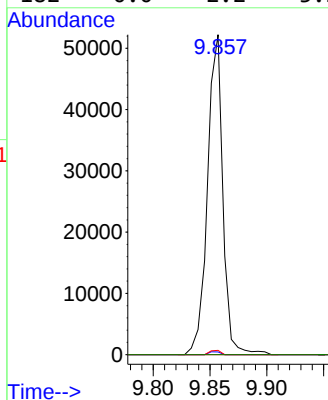
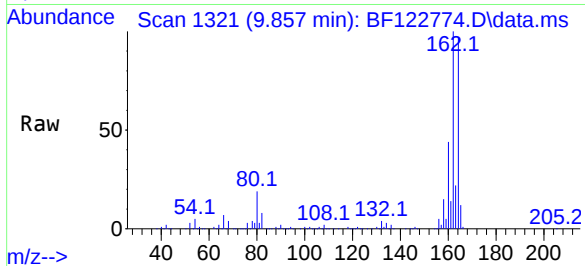




#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

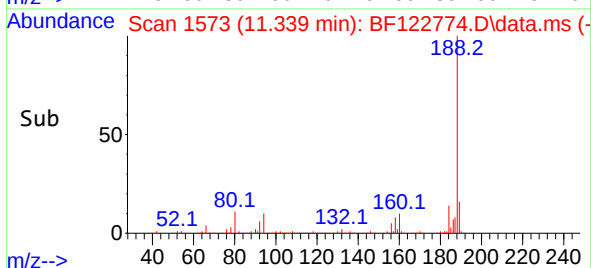
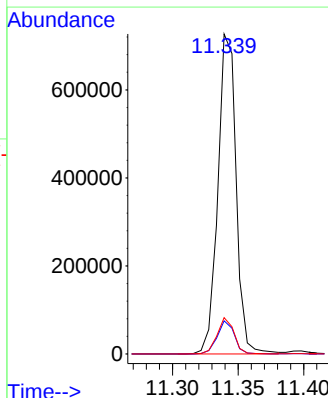
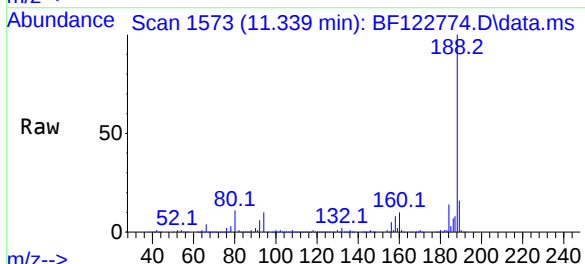
Instrument :
BNA_F
ClientSampleId :
WP-1

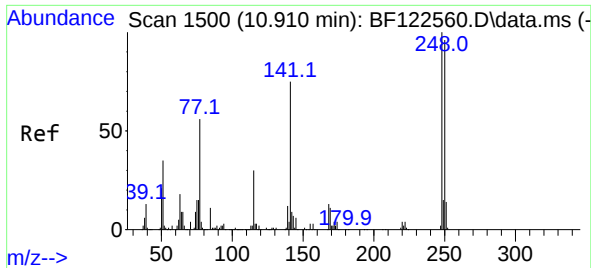
Tgt Ion:	165	Resp:	49084
Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.3	51.5#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion:	188	Resp:	702082
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.4	11.2
80	11.4	8.2	12.4

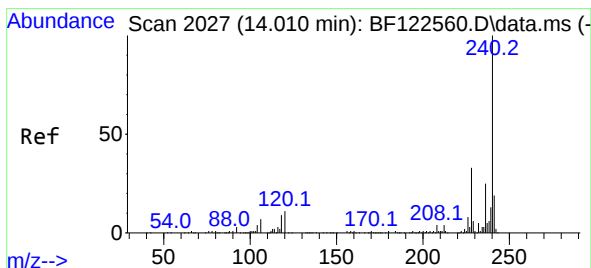
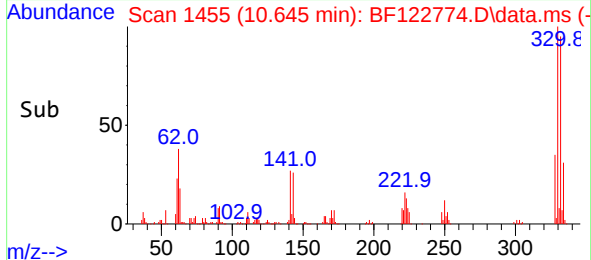
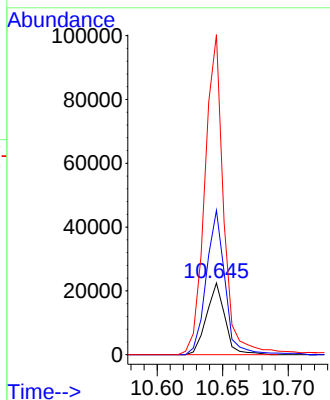
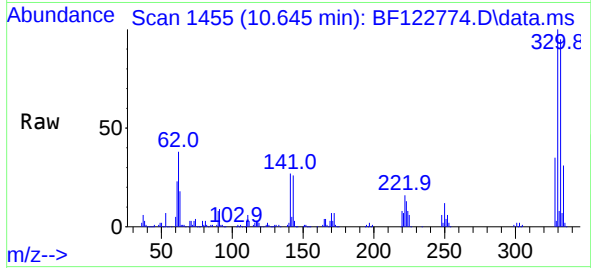




#67
4-Bromophenyl-phenylether
Concen: 2.31 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

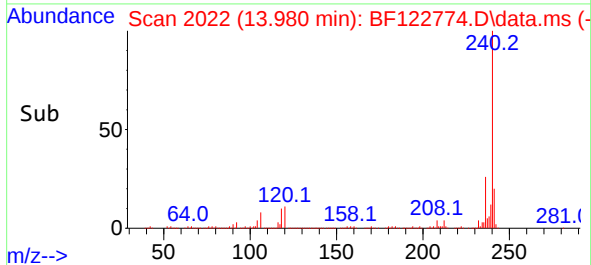
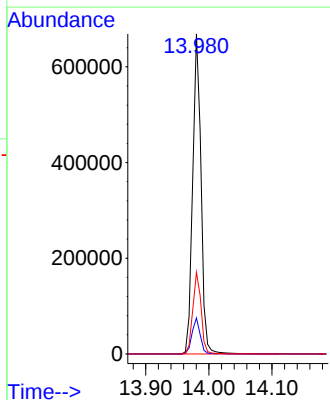
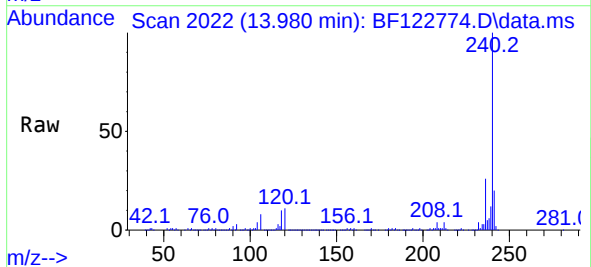
Instrument :
BNA_F
ClientSampled :
WP-1

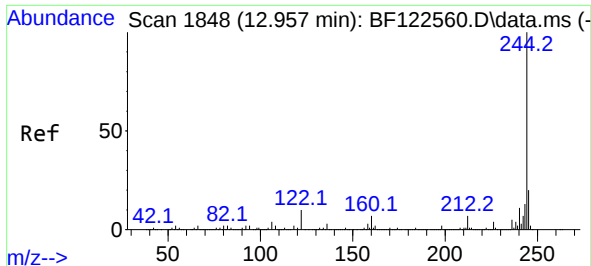
Tgt Ion:248 Resp: 21998
Ion Ratio Lower Upper
248 100
250 201.3 76.8 115.2#
141 446.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion:240 Resp: 614895
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.5 20.3 30.5

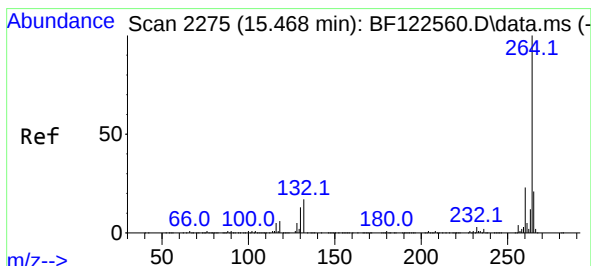
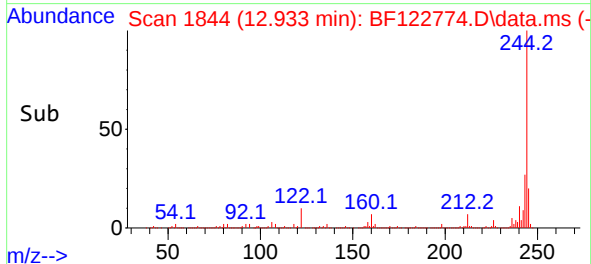
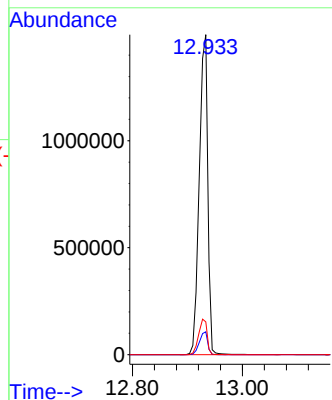
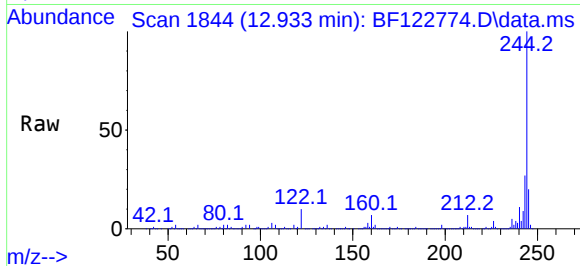




#79
Terphenyl-d14
Concen: 45.96 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:244 Resp: 1614343
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.2 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Tgt Ion:264 Resp: 549230
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.4 17.0 25.6

