

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)

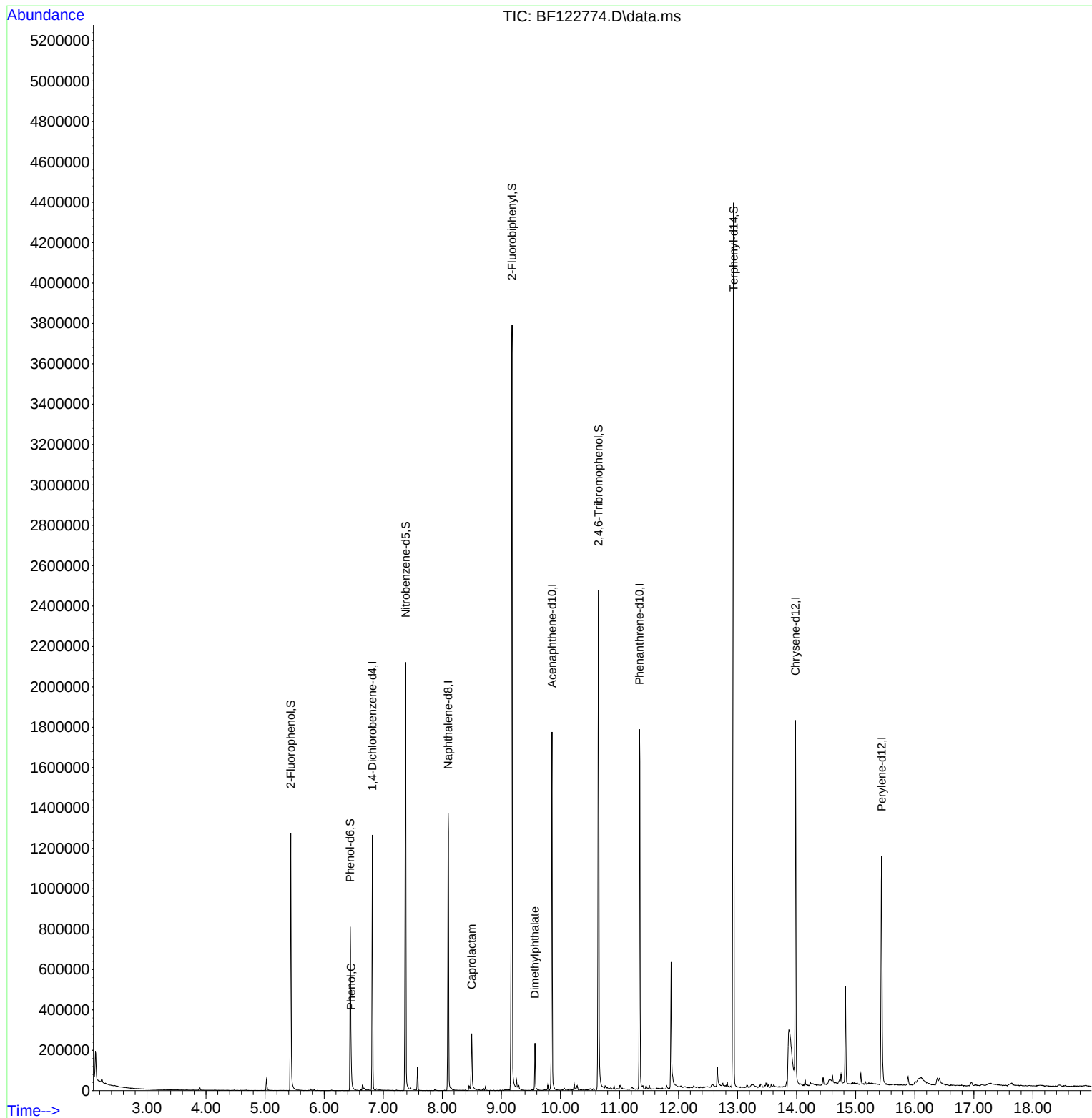
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	182659	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	724440	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	382915	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	702082	20.00	ng	0.00
76) Chrysene-d12	13.980	240	614895	20.00	ng	0.00
86) Perylene-d12	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						
						Qvalue
10) Phenol	6.457	94	43863	2.77	ng	90
35) Caprolactam	8.498	113	38762	10.72	ng	98
50) Dimethylphthalate	9.569	163	93927	3.07	ng	100

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

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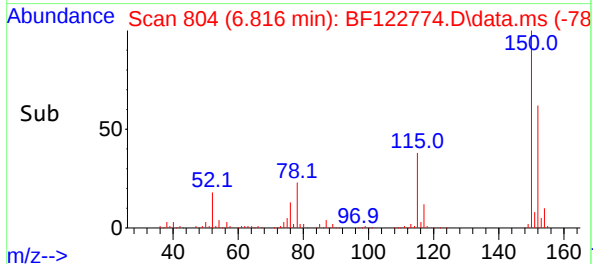
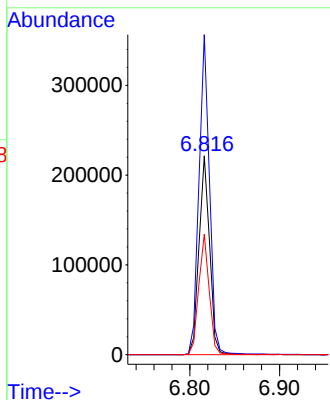
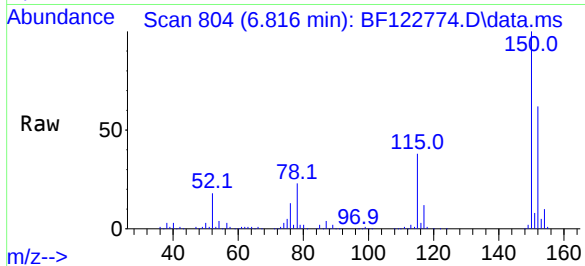




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

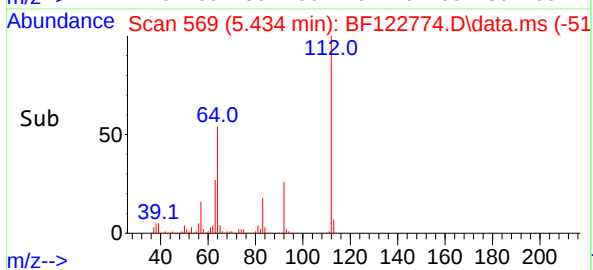
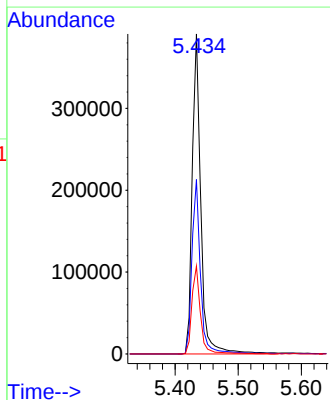
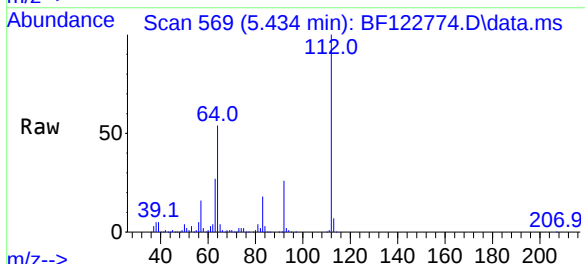
Instrument :
BNA_F
ClientSampled :
WP-1

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



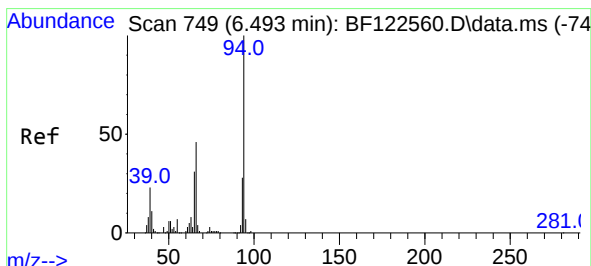
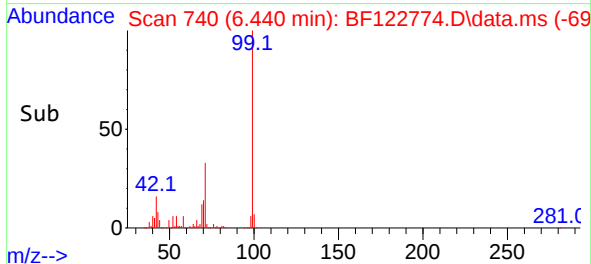
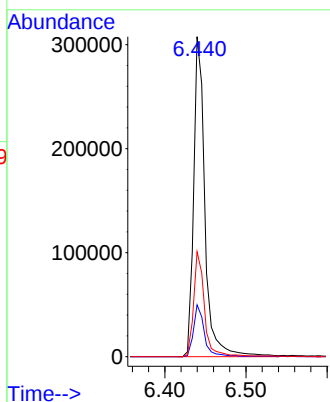
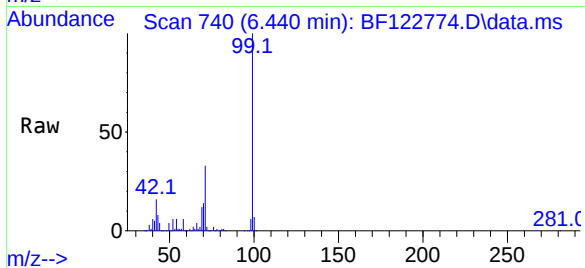


#7
Phenol-d6
Concen: 19.59 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion: 99 Resp: 299749

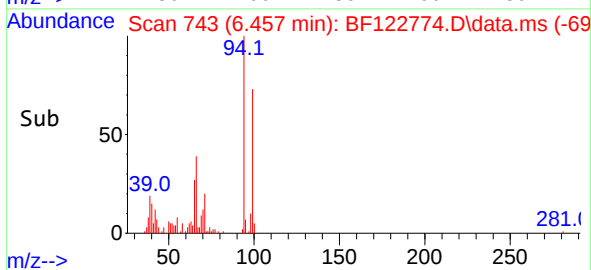
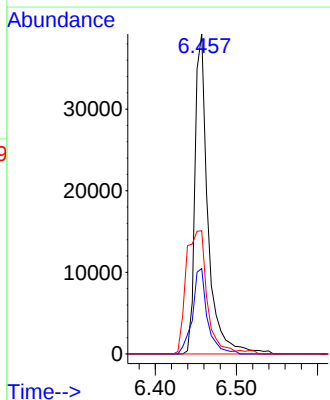
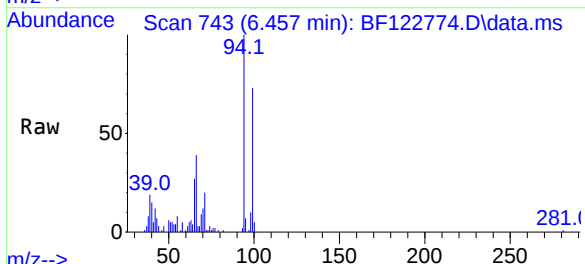
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.6
71	32.8	26.9	40.3



#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



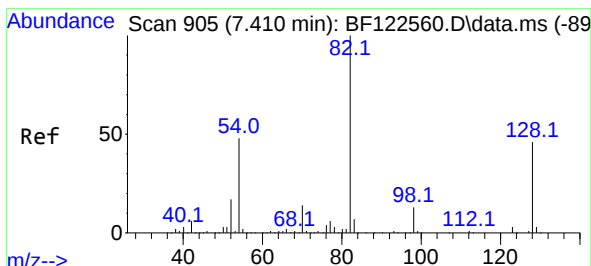
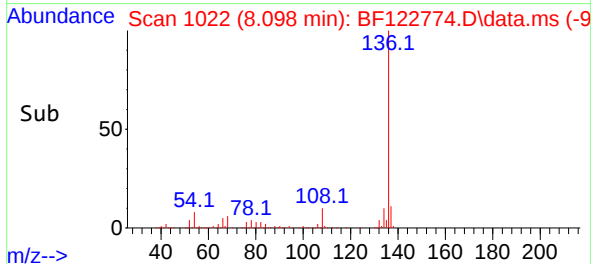
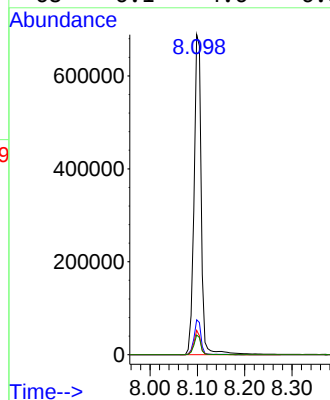
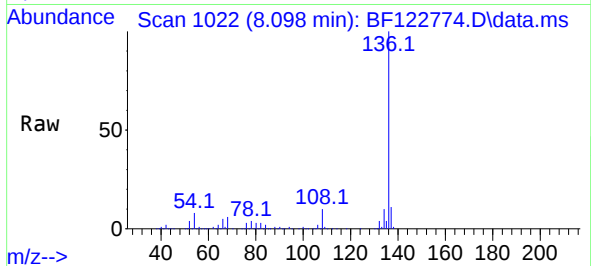


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:136 Resp: 724440

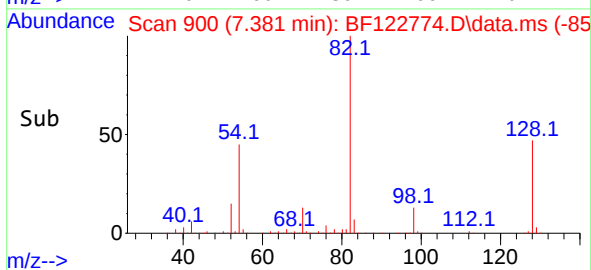
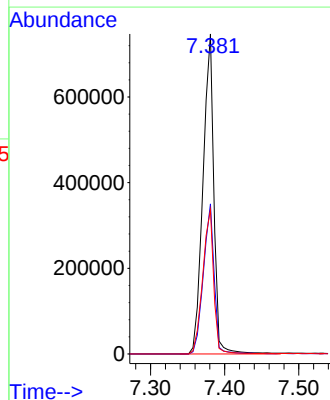
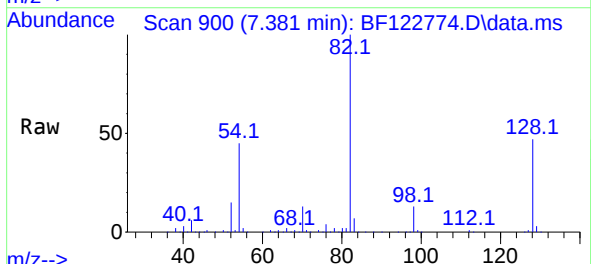
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.5	8.3
68	6.1	4.6	6.8

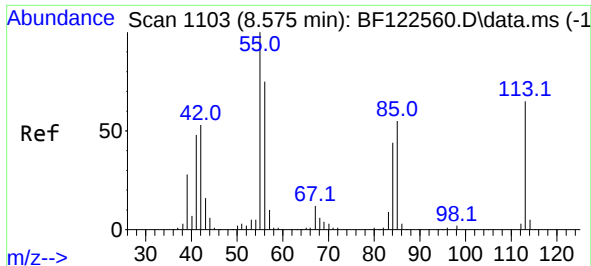


#23
Nitrobenzene-d5
Concen: 52.89 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

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

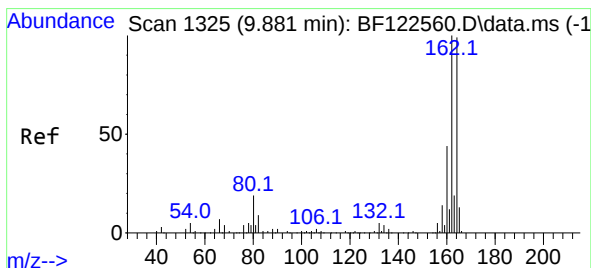
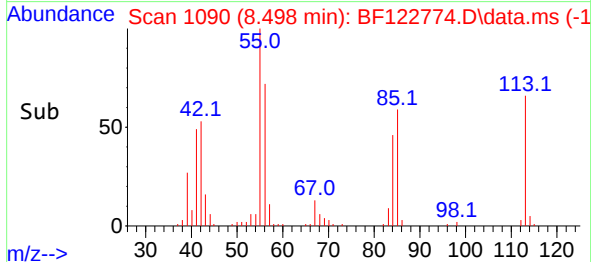
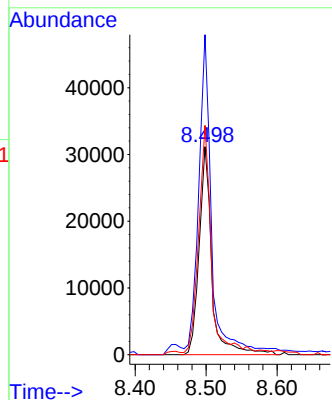
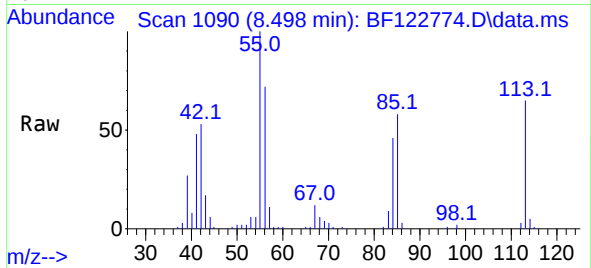




#35
Caprolactam
Concen: 10.72 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.053 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

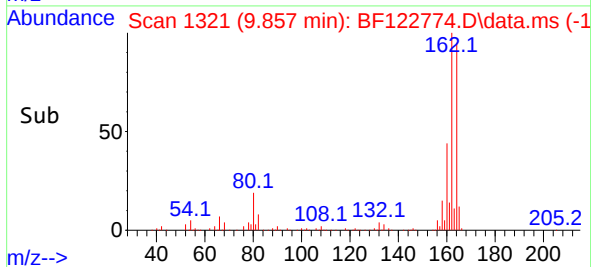
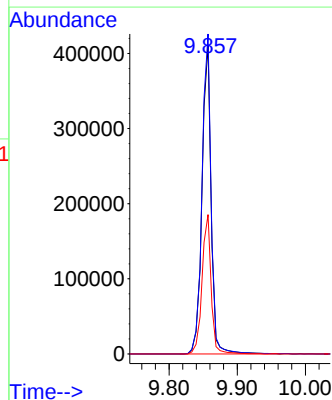
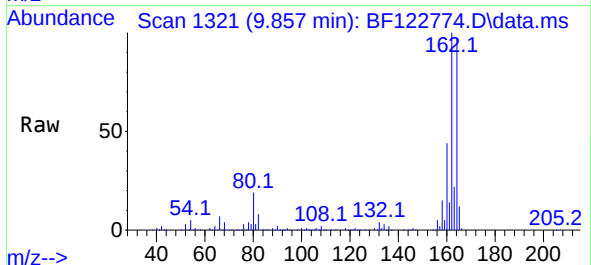
Instrument :
BNA_F
ClientSampled :
WP-1

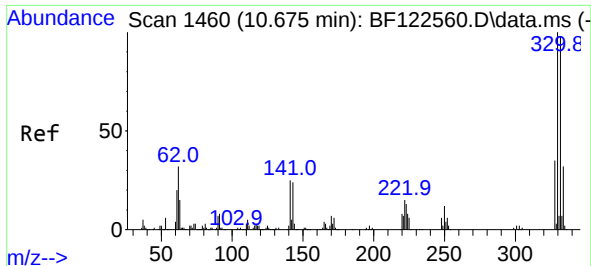
Tgt Ion:113 Resp: 38762
Ion Ratio Lower Upper
113 100
55 153.8 133.7 173.7
56 110.2 95.3 135.3



#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

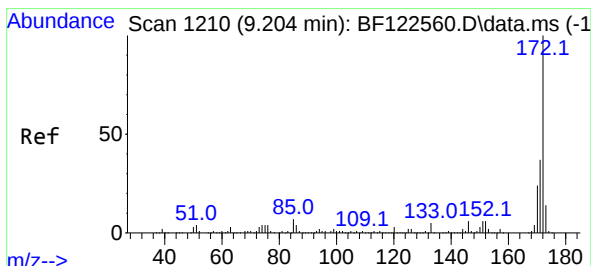
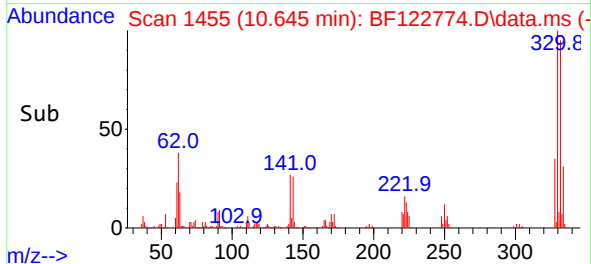
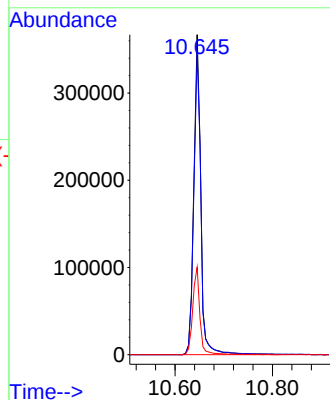
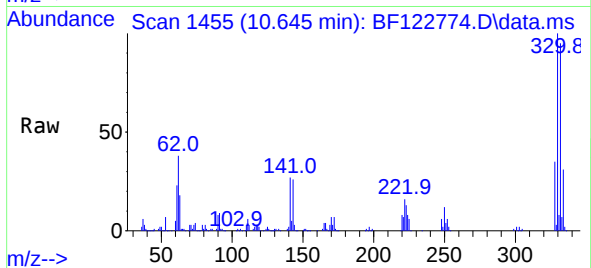




#42
2,4,6-Tribromophenol
Concen: 73.01 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

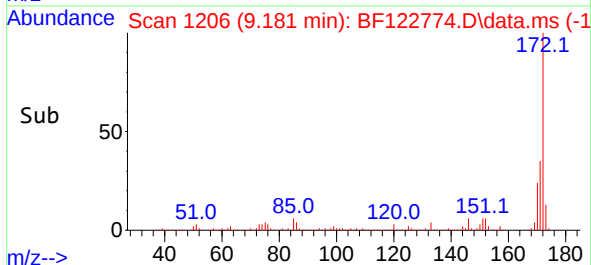
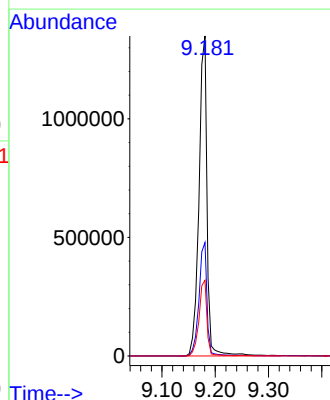
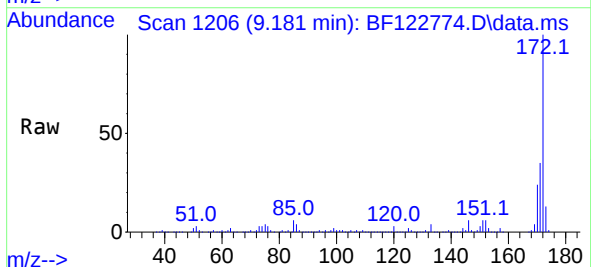
Instrument :
BNA_F
ClientSampleId :
WP-1

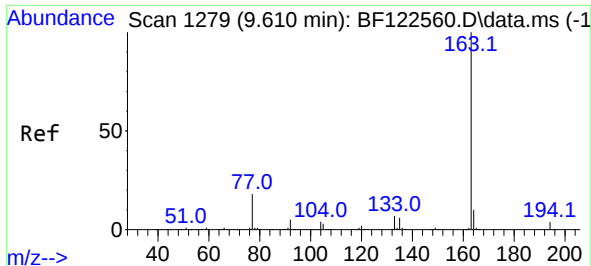
Tgt Ion: 330 Resp: 365919
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 27.9 23.8 35.8



#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

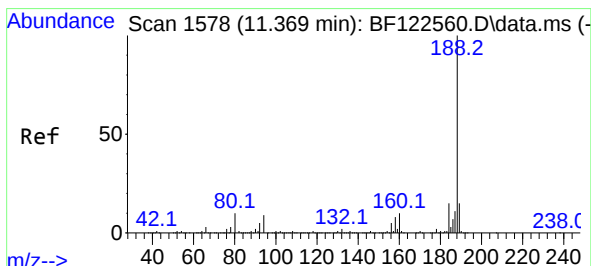
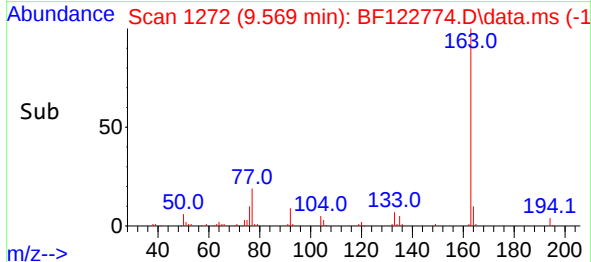
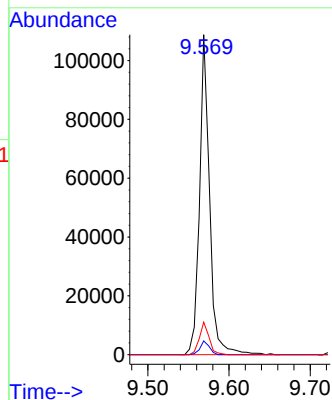
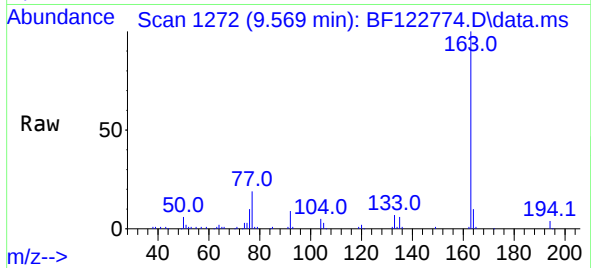




#50
Dimethylphthalate
Concen: 3.07 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

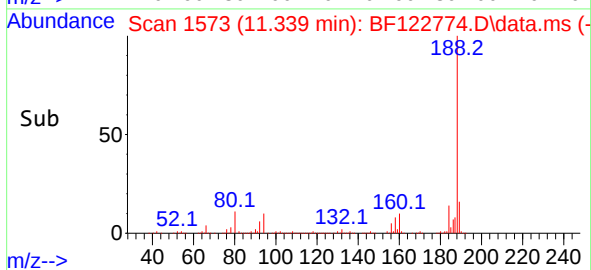
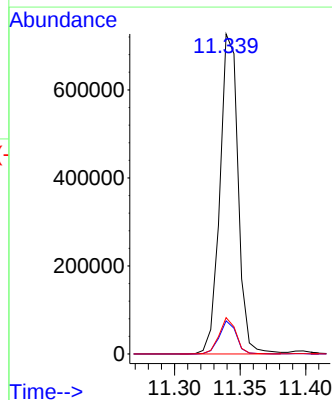
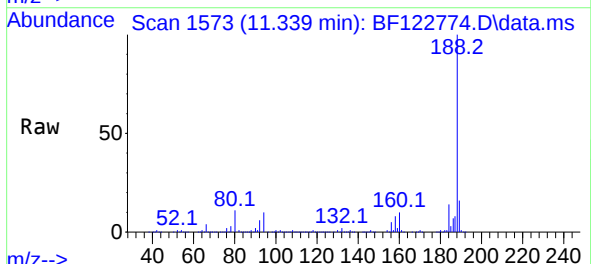
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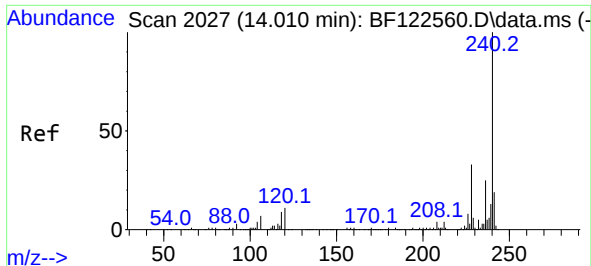
Tgt Ion:163 Resp: 93927
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.1 12.1



#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

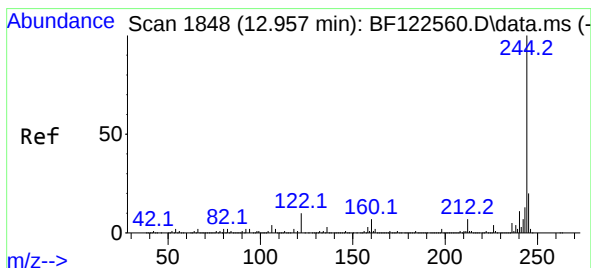
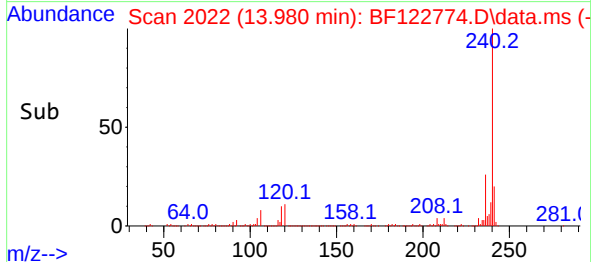
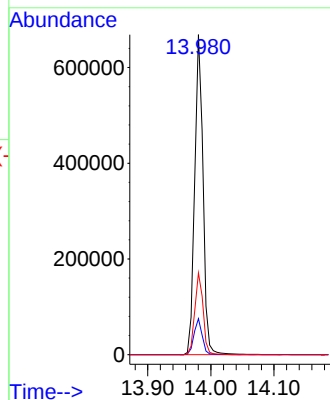
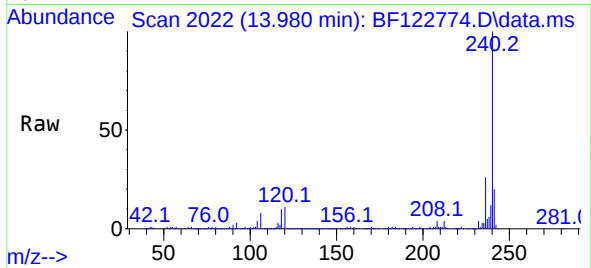




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122774.D
Acq: 17 Dec 2020 20:10

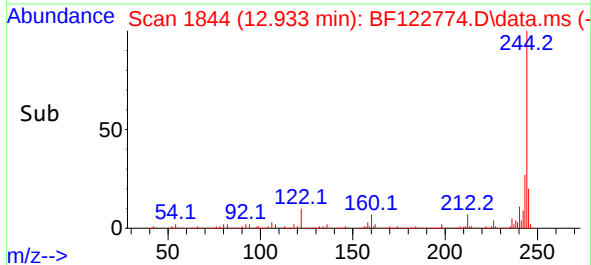
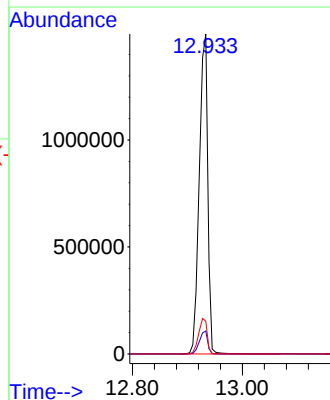
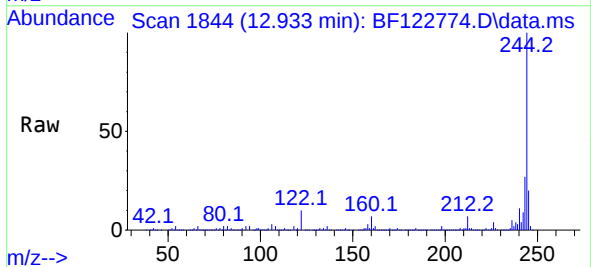
Instrument :
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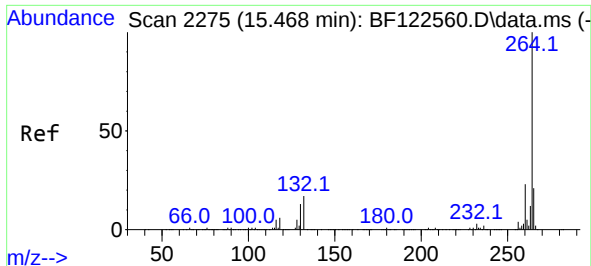
Tgt Ion:240 Resp: 614895
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.5 20.3 30.5



#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

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

Instrument :
 BNA_F
 ClientSampleId :
 WP-1

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

