

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124161.D
 Acq On : 7 Jun 2021 17:27
 Operator : JU/CG
 Sample : M2583-21DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39-41DL

Quant Time: Jun 07 17:55:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

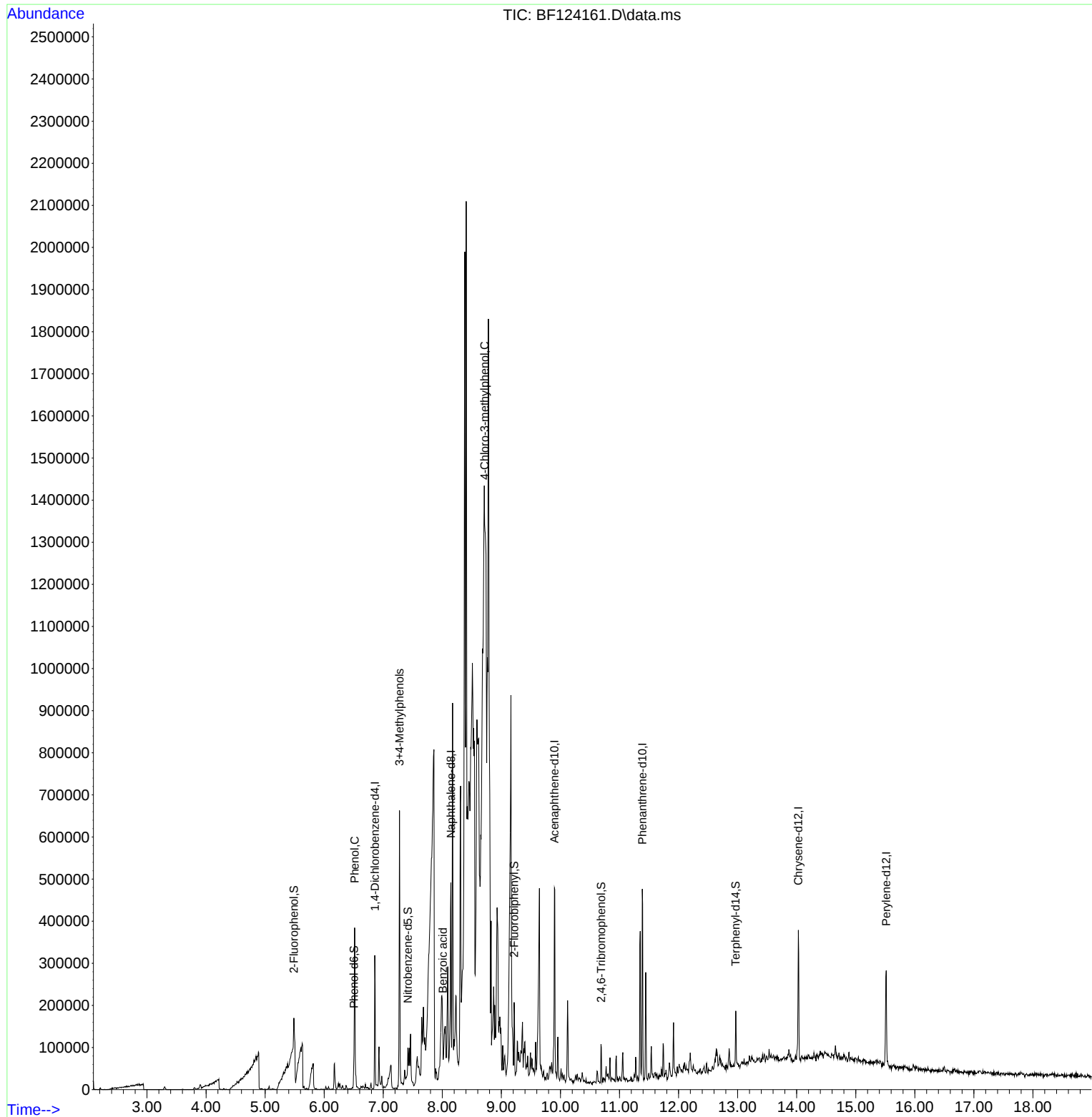
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	39549	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	150880	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	88047	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	152629	20.000	ng	0.00
76) Chrysene-d12	14.027	240	93418	20.000	ng	0.00
86) Perylene-d12	15.515	264	95655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	13759	5.237	ng	0.00
7) Phenol-d6	6.504	99	12317	3.488	ng	0.00
23) Nitrobenzene-d5	7.416	82	23243	6.110	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	8780	7.039	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	41169	5.884	ng	0.00
79) Terphenyl-d14	12.969	244	29248	4.299	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	83583	21.901	ng	96
20) 3+4-Methylphenols	7.275	107	126587	40.201	ng	# 66
32) Benzoic acid	8.010	122	20071	13.607	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	37220	12.230	ng	# 82

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

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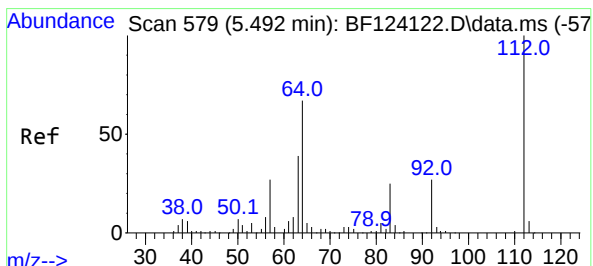
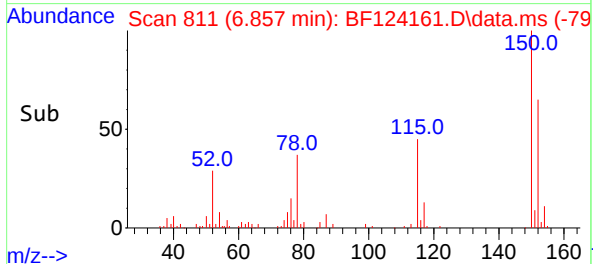
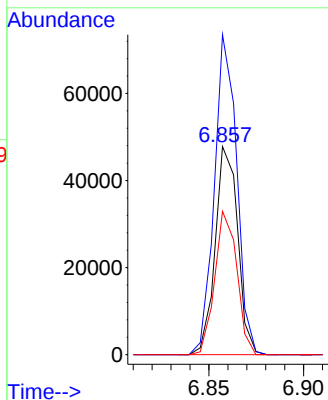
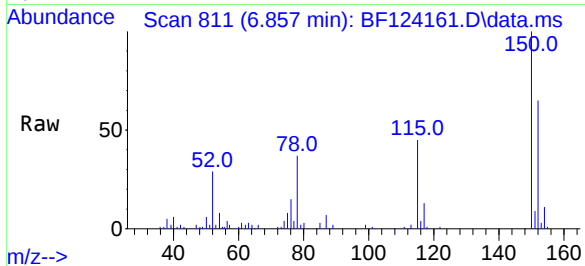




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

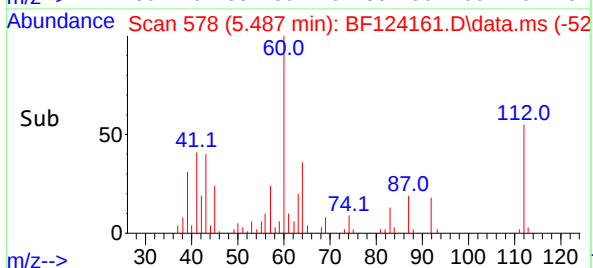
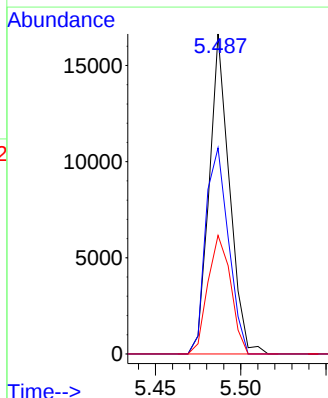
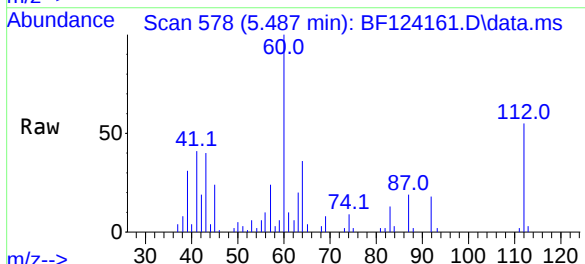
Instrument :
BNA_F
ClientSampleId :
39-41DL

Tgt Ion:152 Resp: 39549
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 68.9 54.3 81.5



#5
2-Fluorophenol
Concen: 5.237 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Tgt Ion:112 Resp: 13759
Ion Ratio Lower Upper
112 100
64 64.4 61.4 92.0
63 37.1 33.0 49.4

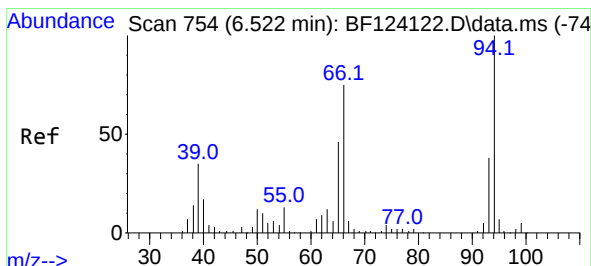
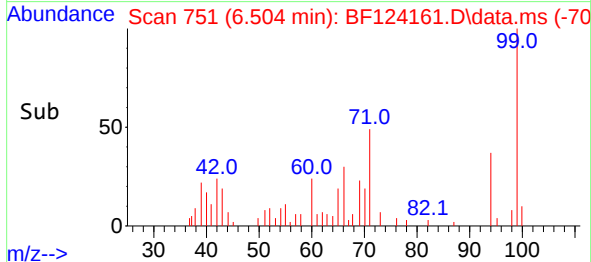
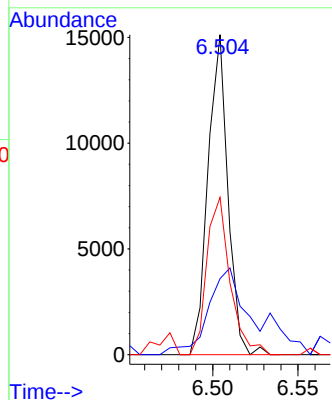
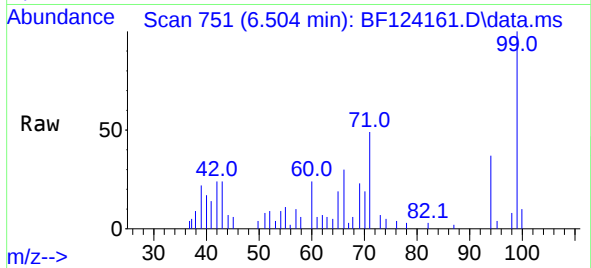




#7
Phenol-d6
Concen: 3.488 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

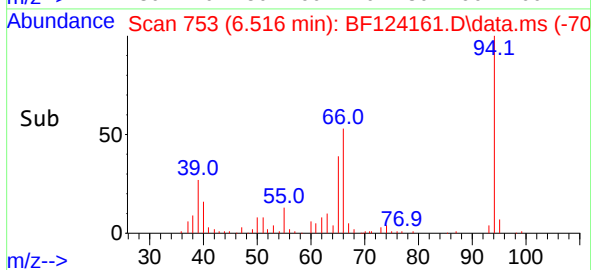
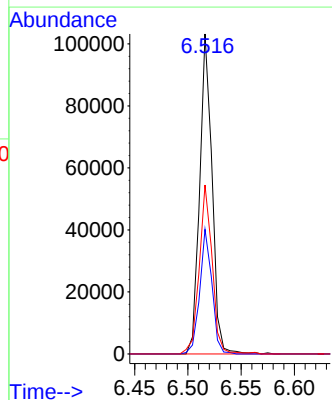
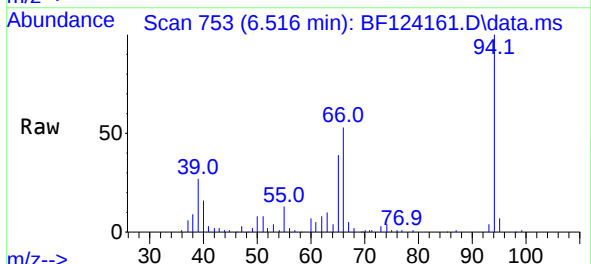
Instrument :
BNA_F
ClientSampled :
39-41DL

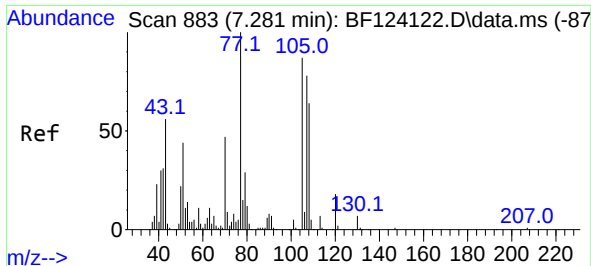
Tgt Ion: 99 Resp: 12317
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 49.2 31.1 46.7#



#10
Phenol
Concen: 21.901 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Tgt Ion: 94 Resp: 83583
Ion Ratio Lower Upper
94 100
65 38.9 18.1 58.1
66 52.8 29.0 69.0

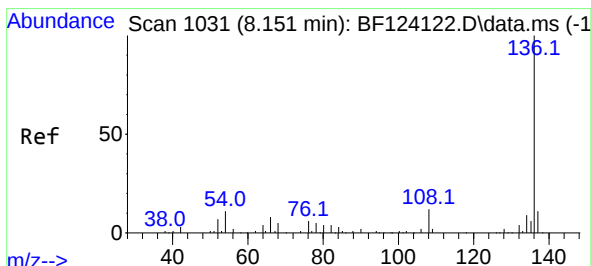
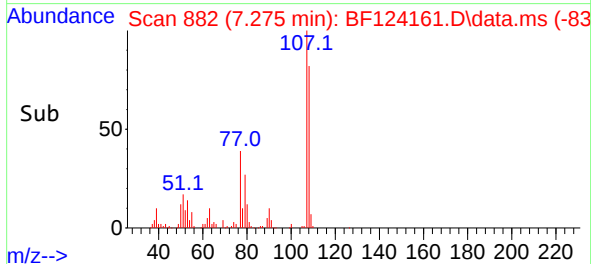
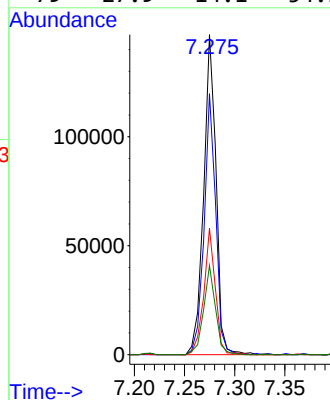
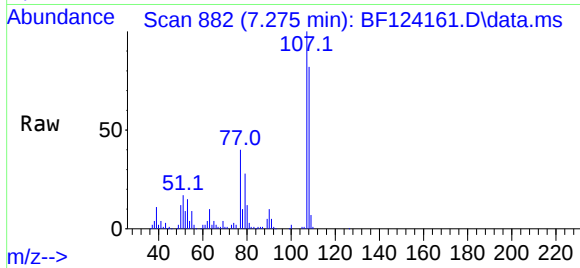




#20
3+4-Methylphenols
Concen: 40.201 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

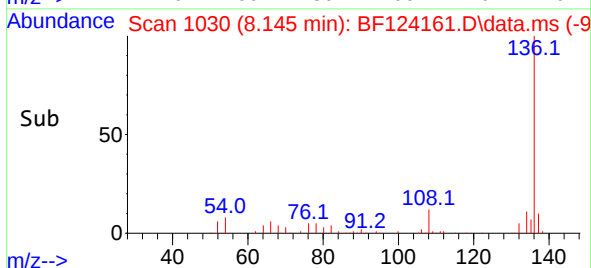
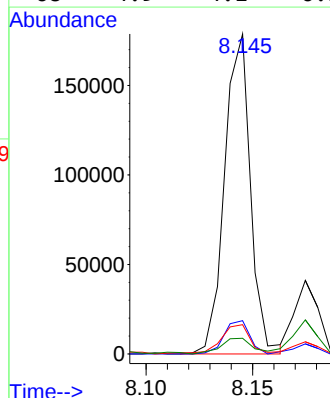
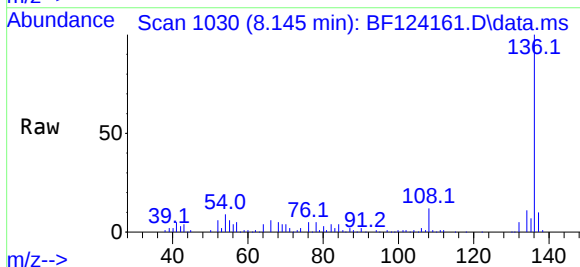
Instrument :
BNA_F
ClientSampled :
39-41DL

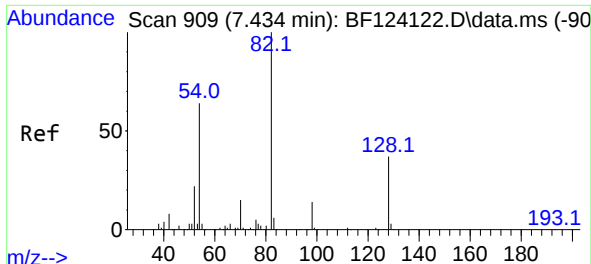
Tgt Ion:107 Resp: 126587
Ion Ratio Lower Upper
107 100
108 81.6 71.5 111.5
77 39.5 82.0 122.0#
79 27.9 14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Tgt Ion:136 Resp: 150880
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 9.1 9.8 14.6#
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 6.110 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF124161.D

Acq: 7 Jun 2021 17:27

Instrument :

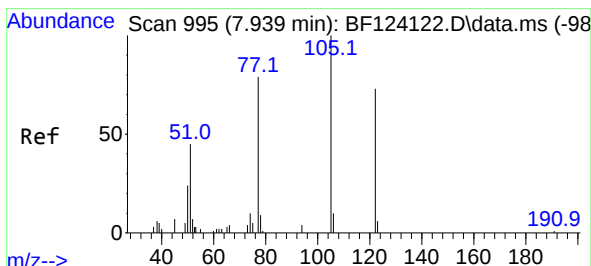
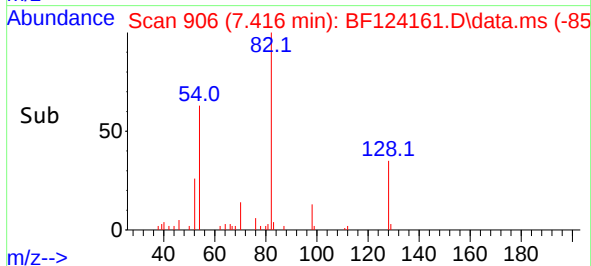
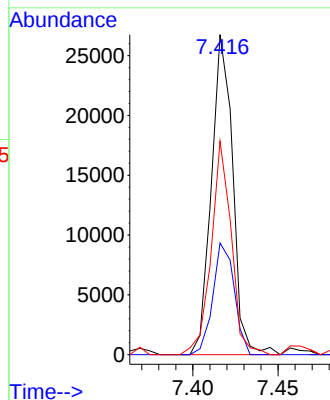
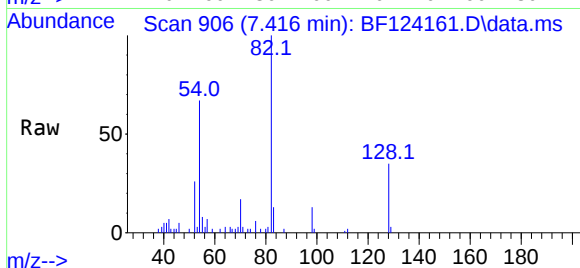
BNA_F

ClientSampleId :

39-41DL

Tgt Ion: 82 Resp: 23243

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.4	44.2
54	66.7	54.1	81.1



#32

Benzoic acid

Concen: 13.607 ng

RT: 8.010 min Scan# 1007

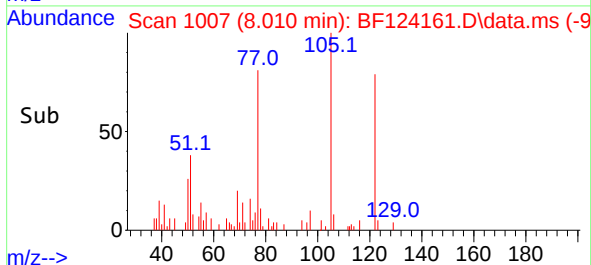
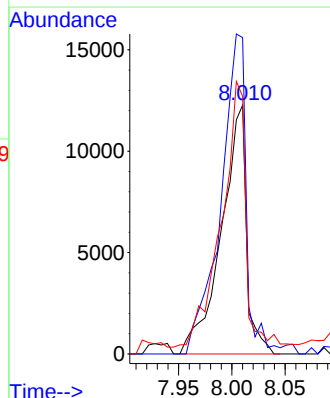
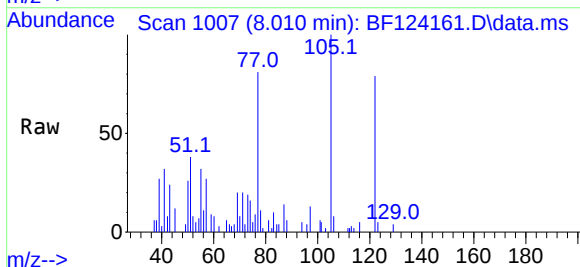
Delta R.T. 0.077 min

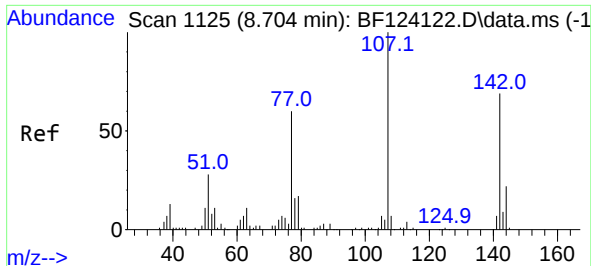
Lab File: BF124161.D

Acq: 7 Jun 2021 17:27

Tgt Ion: 122 Resp: 20071

Ion	Ratio	Lower	Upper
122	100		
105	127.2	107.8	147.8
77	103.6	81.6	121.6

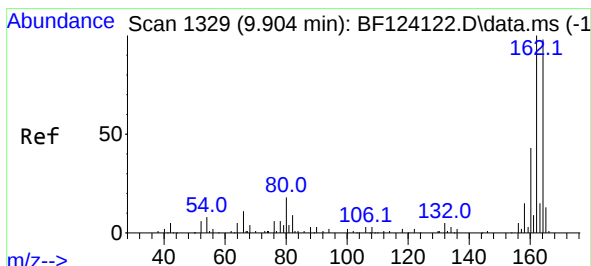
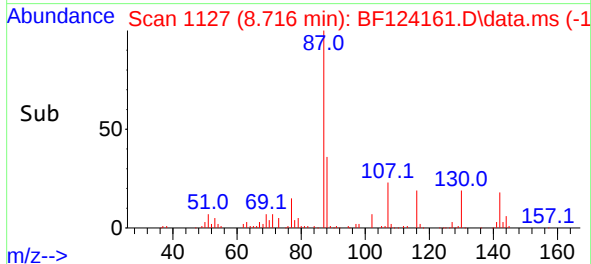
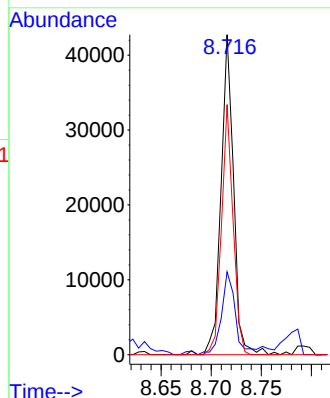
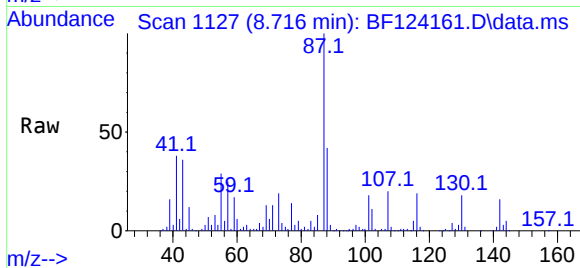




#36
4-Chloro-3-methylphenol
Concen: 12.230 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.012 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

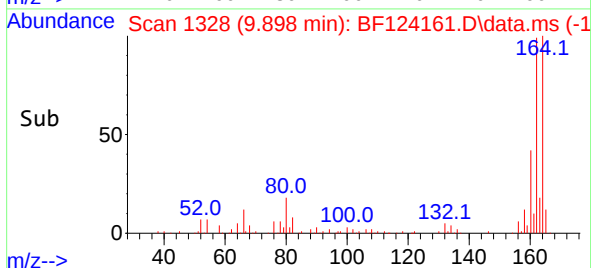
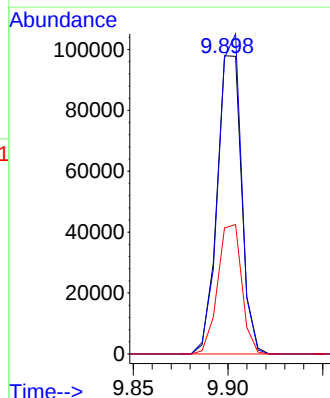
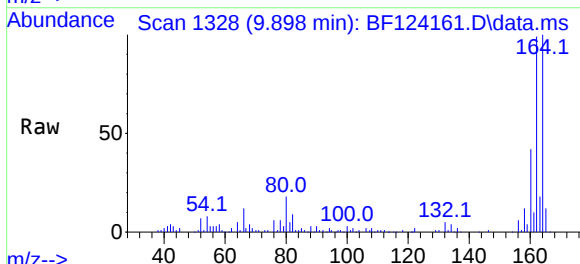
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39-41DL

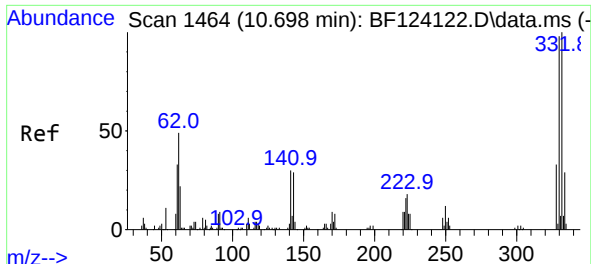
Tgt Ion:107 Resp: 37220
Ion Ratio Lower Upper
107 100
144 25.9 16.3 24.5#
142 78.1 50.1 75.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Tgt Ion:164 Resp: 88047
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 42.3 37.3 55.9

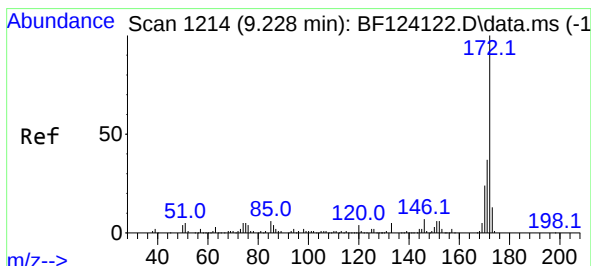
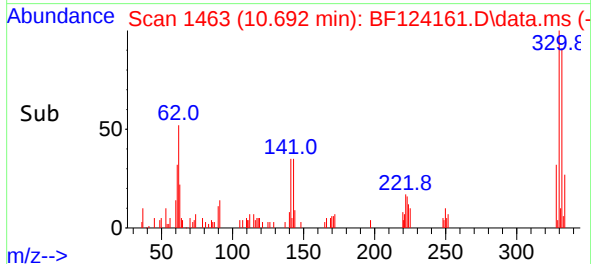
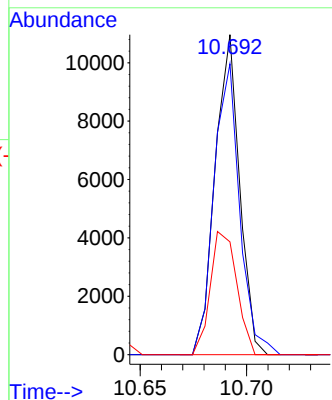
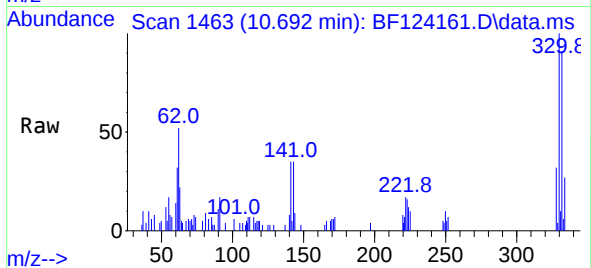




#42
2,4,6-Tribromophenol
Concen: 7.039 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

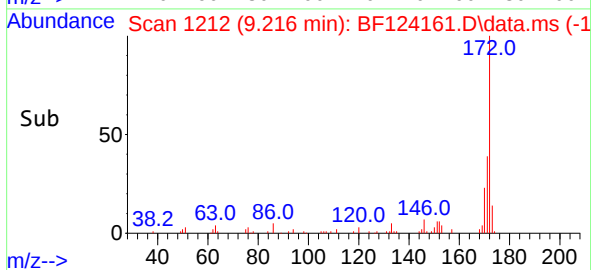
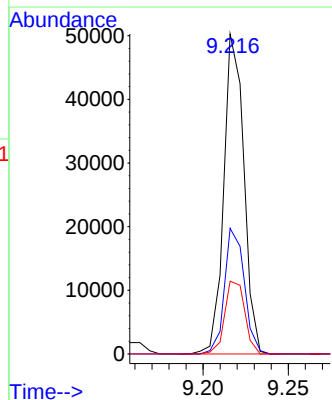
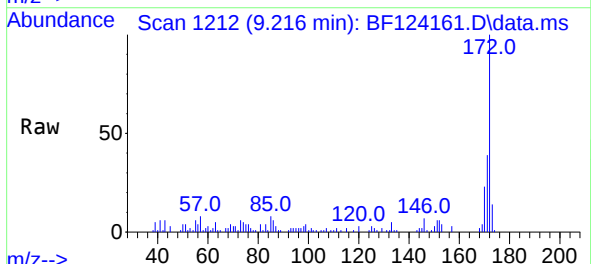
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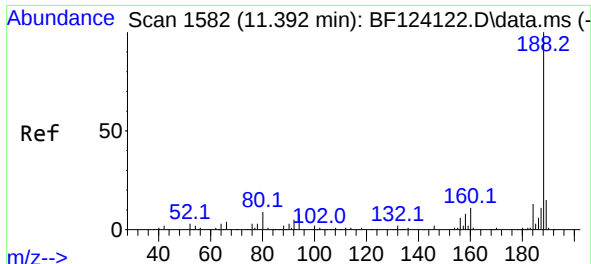
Tgt Ion: 330 Resp: 8780
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 41.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 5.884 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Tgt Ion: 172 Resp: 41169
Ion Ratio Lower Upper
172 100
171 39.2 28.1 42.1
170 22.7 19.2 28.8

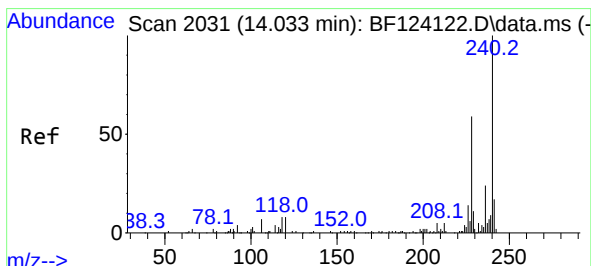
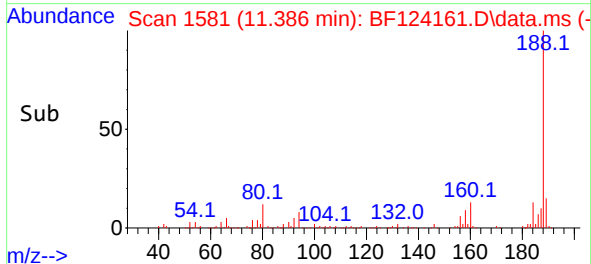
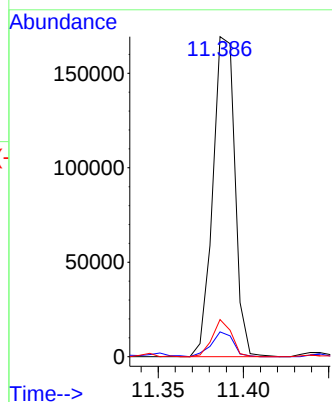
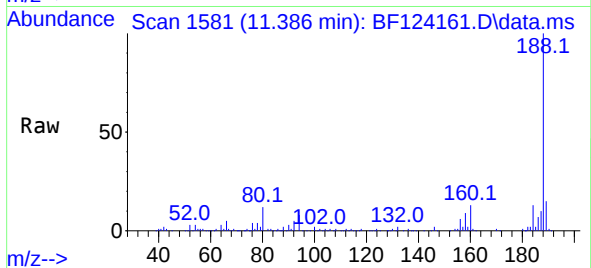




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

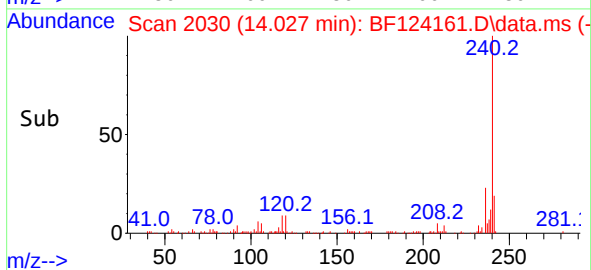
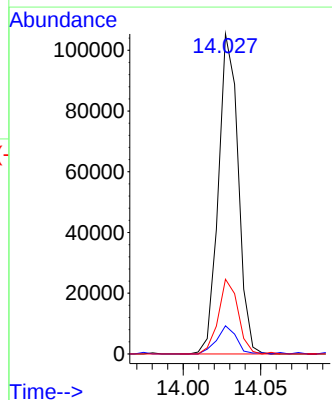
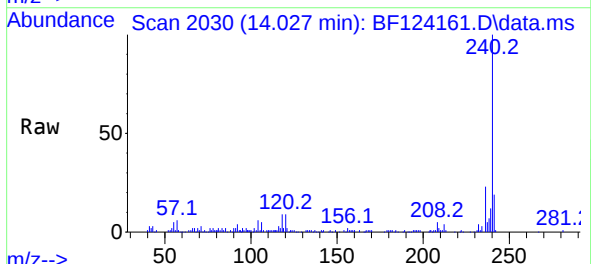
Instrument :
BNA_F
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39-41DL

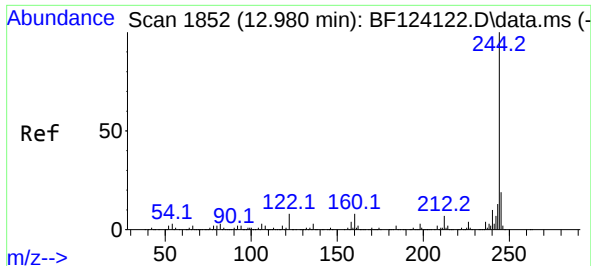
Tgt Ion:188 Resp: 152629
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 11.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Tgt Ion:240 Resp: 93418
Ion Ratio Lower Upper
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120 8.8 7.2 10.8
236 23.3 19.0 28.4

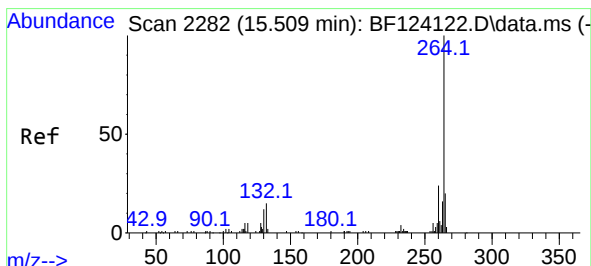
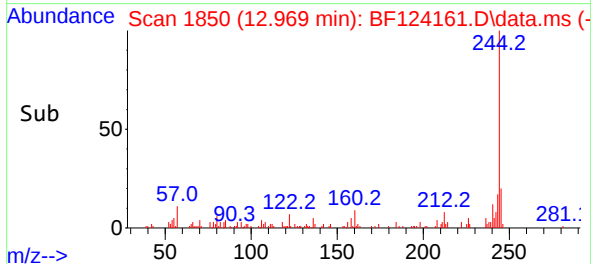
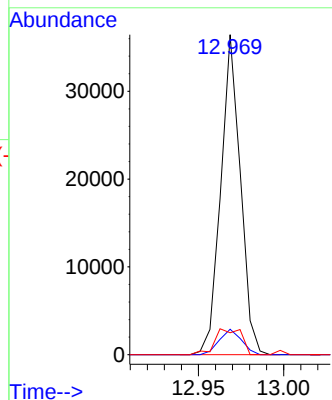
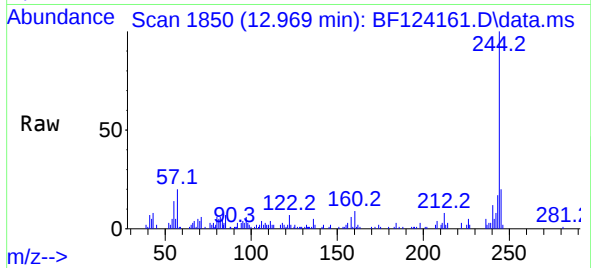




#79
Terphenyl-d14
Concen: 4.299 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Instrument :
BNA_F
ClientSampleID :
39-41DL

Tgt Ion:244 Resp: 29248
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 6.9 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124161.D
Acq: 7 Jun 2021 17:27

Tgt Ion:264 Resp: 95655
Ion Ratio Lower Upper
264 100
260 21.9 18.7 28.1
265 21.3 17.8 26.8

