

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124160.D
 Acq On : 7 Jun 2021 16:53
 Operator : JU/CG
 Sample : M2583-19DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33-34DL

Quant Time: Jun 07 17:15:48 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)

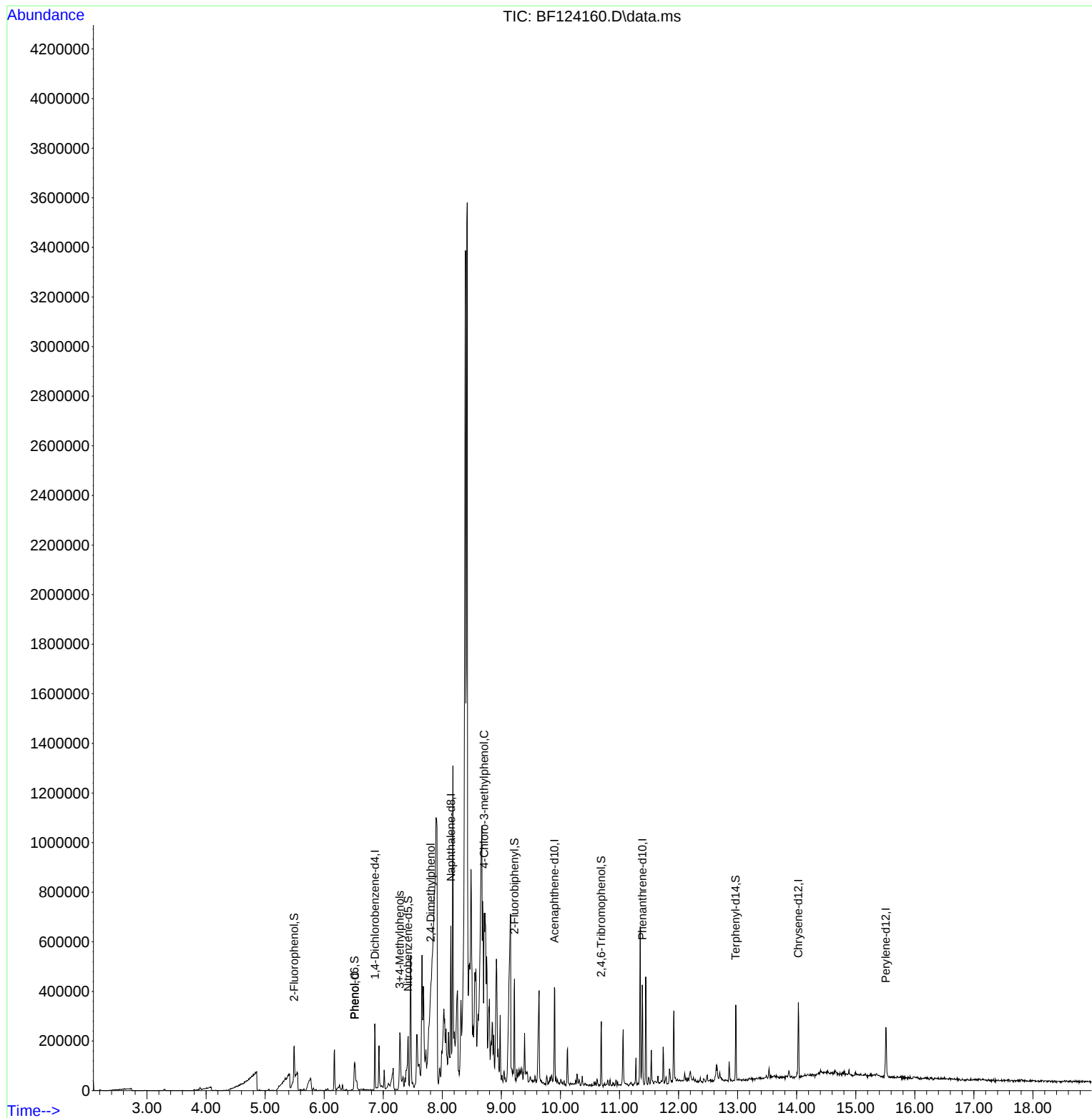
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	32711	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	121958	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	75116	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	128271	20.000	ng	0.00
76) Chrysene-d12	14.027	240	87826	20.000	ng	0.00
86) Perylene-d12	15.509	264	82198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	31692	14.584	ng	0.00
7) Phenol-d6	6.510	99	25424	8.704	ng	0.00
23) Nitrobenzene-d5	7.422	82	58203	18.928	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	25034	23.524	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	103296	17.304	ng	0.00
79) Terphenyl-d14	12.968	244	81886	12.801	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	21817	6.912	ng	90
20) 3+4-Methylphenols	7.281	107	76773	29.478	ng	# 61
27) 2,4-Dimethylphenol	7.804	122	5539	2.851	ng	# 38
36) 4-Chloro-3-methylphenol	8.710	107	35980	14.626	ng	# 92

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

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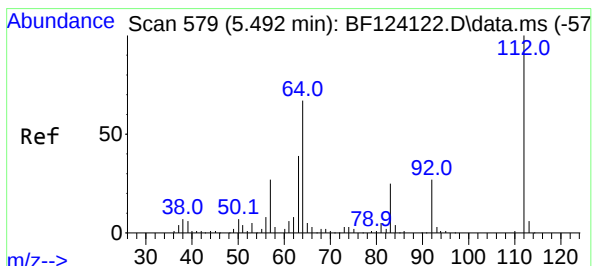
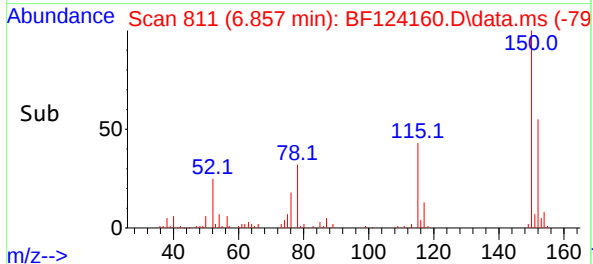
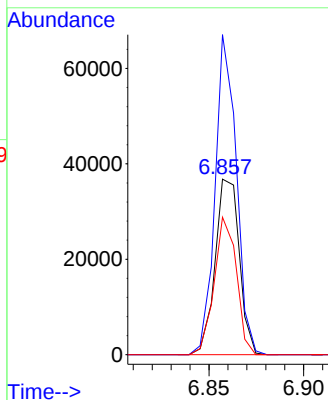
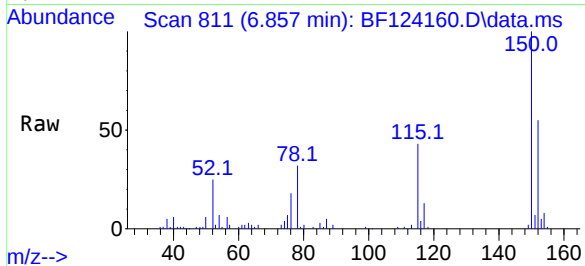




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

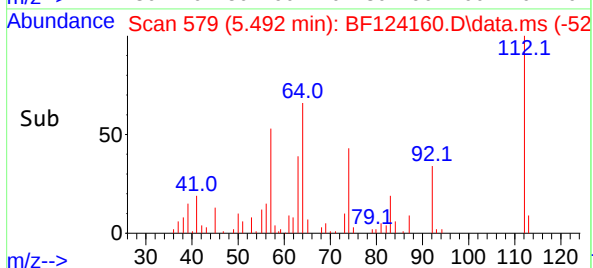
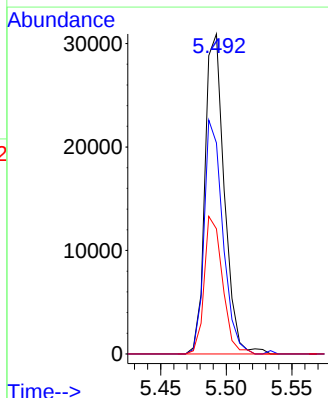
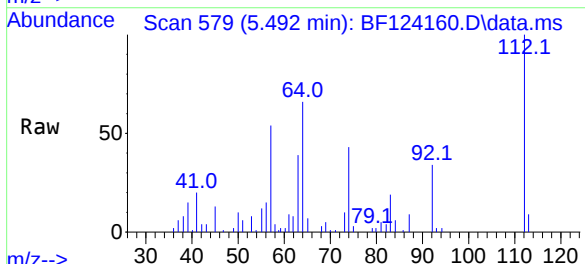
Instrument :
BNA_F
ClientSampleId :
33-34DL

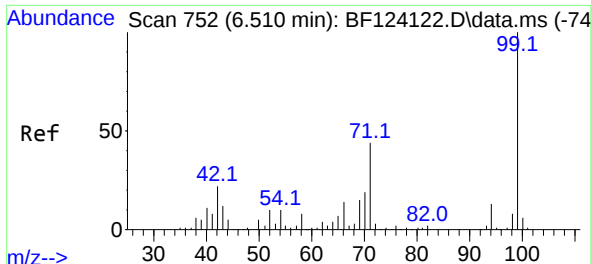
Tgt Ion:152 Resp: 32711
Ion Ratio Lower Upper
152 100
150 182.3 127.0 190.6
115 78.3 54.3 81.5



#5
2-Fluorophenol
Concen: 14.584 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion:112 Resp: 31692
Ion Ratio Lower Upper
112 100
64 65.9 61.4 92.0
63 39.1 33.0 49.4

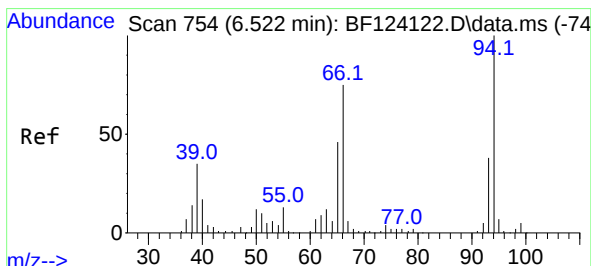
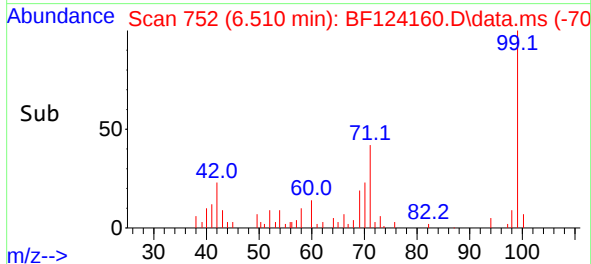
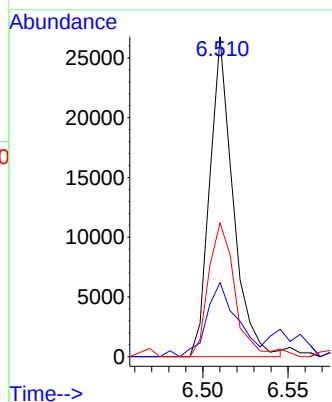
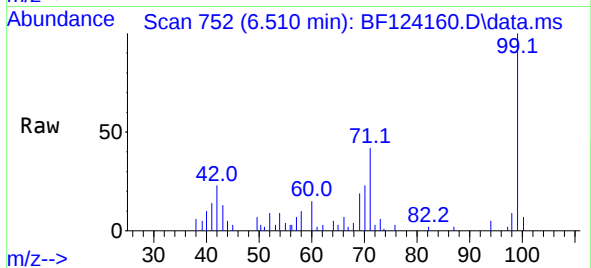




#7
Phenol-d6
Concen: 8.704 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

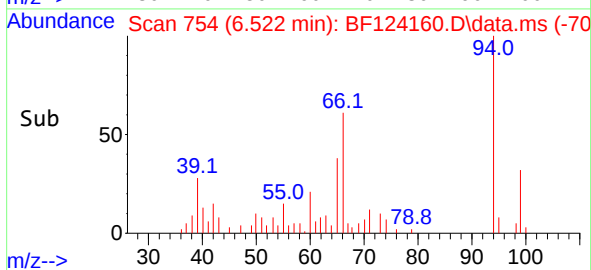
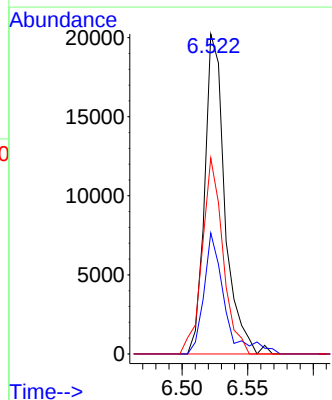
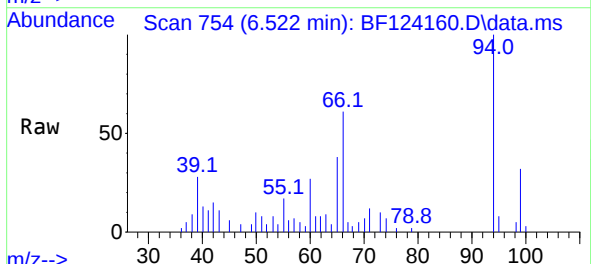
Instrument :
BNA_F
ClientSampled :
33-34DL

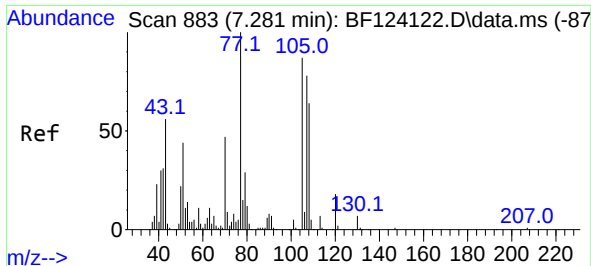
Tgt Ion: 99 Resp: 25424
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.8
71 41.8 31.1 46.7



#10
Phenol
Concen: 6.912 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion: 94 Resp: 21817
Ion Ratio Lower Upper
94 100
65 37.8 18.1 58.1
66 61.3 29.0 69.0

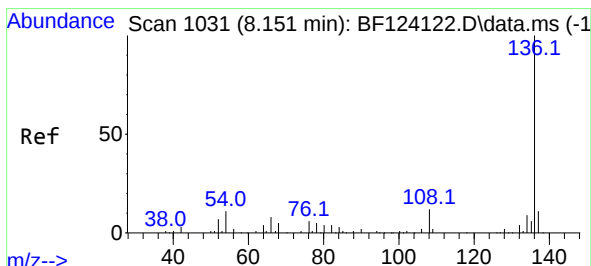
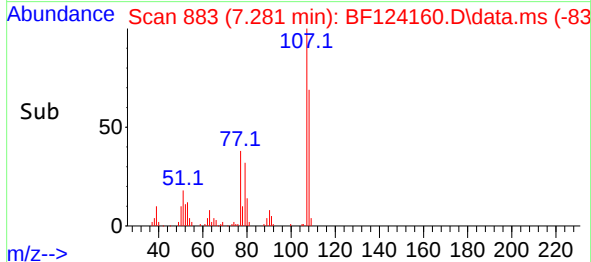
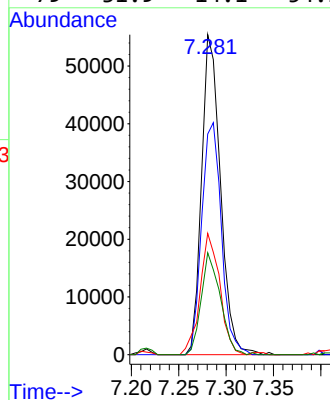
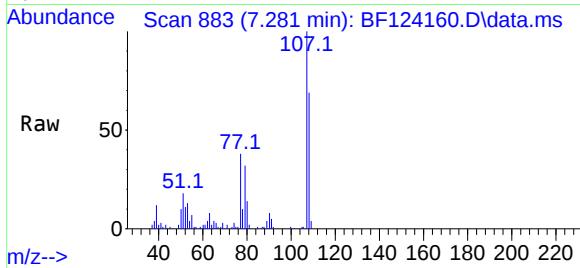




#20
3+4-Methylphenols
Concen: 29.478 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

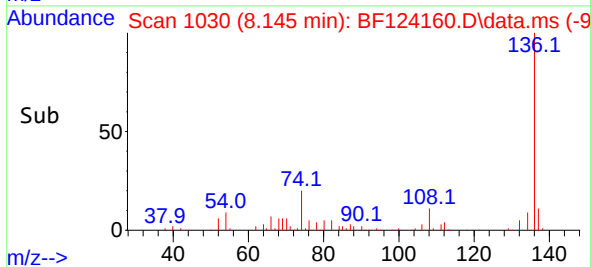
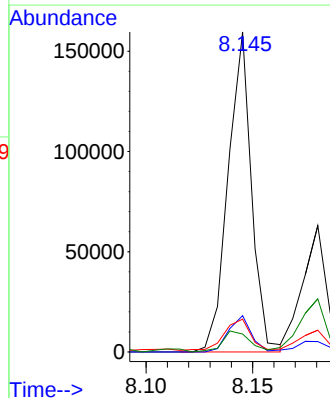
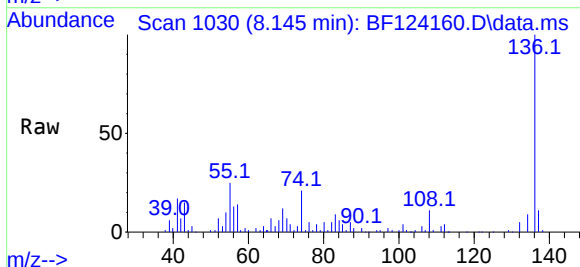
Instrument :
BNA_F
ClientSampleId :
33-34DL

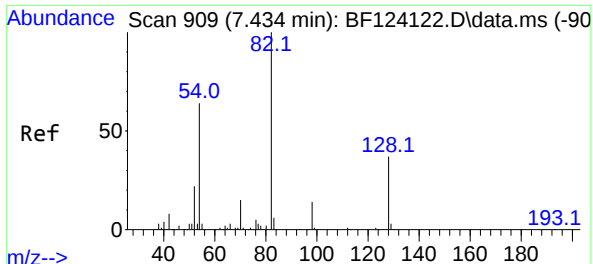
Tgt Ion:107 Resp: 76773
Ion Ratio Lower Upper
107 100
108 68.9 71.5 111.5#
77 37.9 82.0 122.0#
79 31.9 14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion:136 Resp: 121958
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.3 9.8 14.6
68 5.6 4.1 6.1

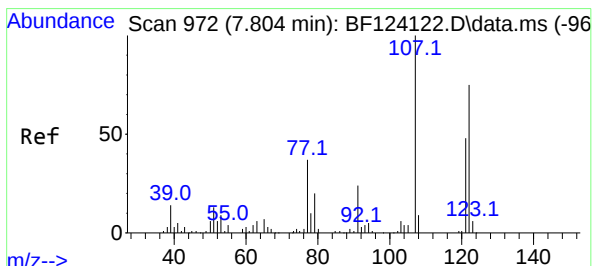
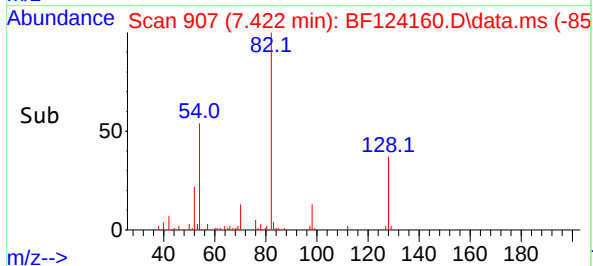
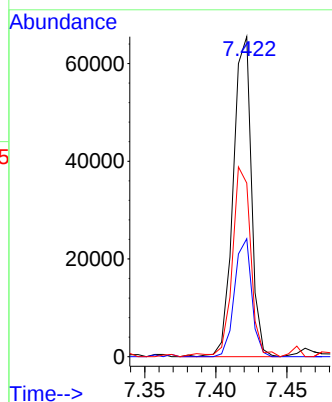
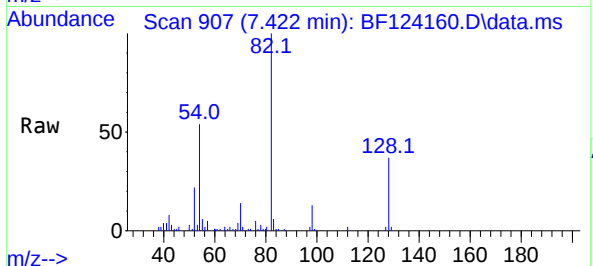




#23
Nitrobenzene-d5
Concen: 18.928 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

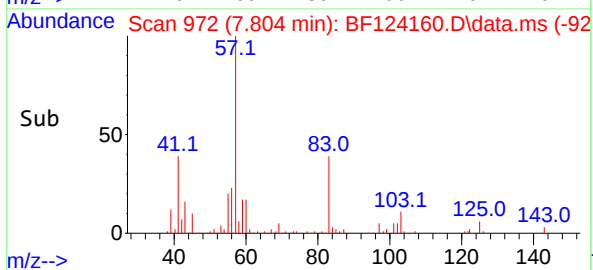
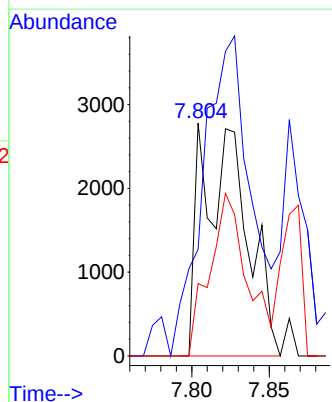
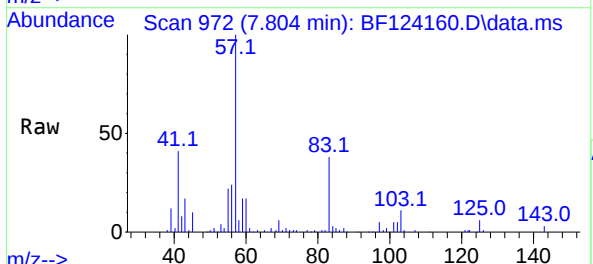
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BNA_F
ClientSampleId :
33-34DL

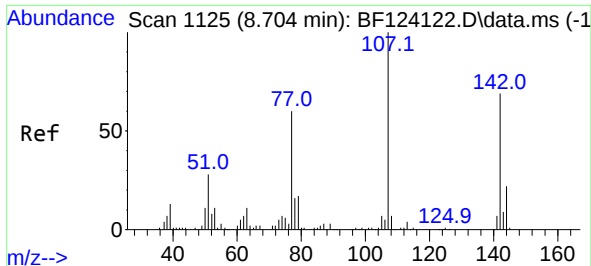
Tgt Ion: 82 Resp: 58203
Ion Ratio Lower Upper
82 100
128 36.8 29.4 44.2
54 54.2 54.1 81.1



#27
2,4-Dimethylphenol
Concen: 2.851 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion:122 Resp: 5539
Ion Ratio Lower Upper
122 100
107 45.8 106.3 159.5#
121 31.0 45.4 68.0#

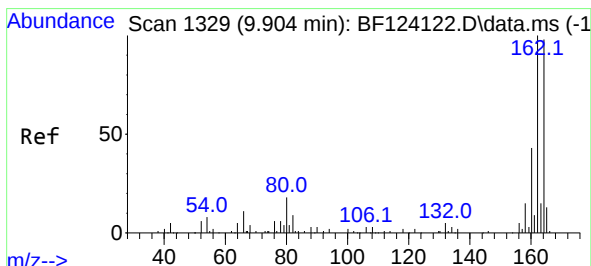
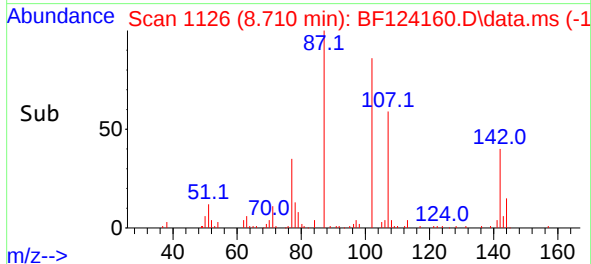
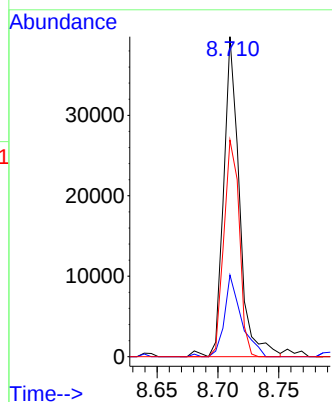
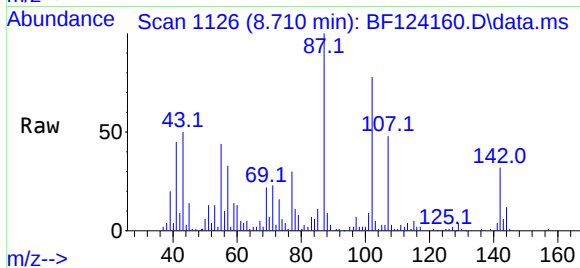




#36
4-Chloro-3-methylphenol
Concen: 14.626 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

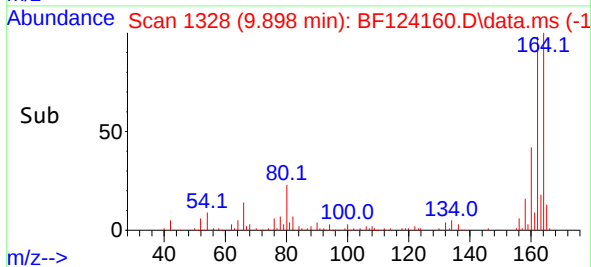
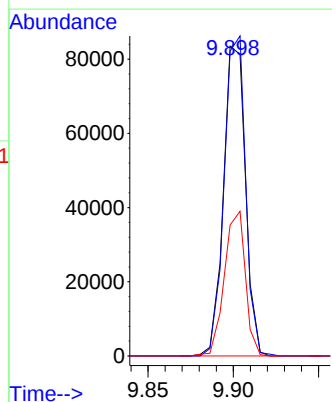
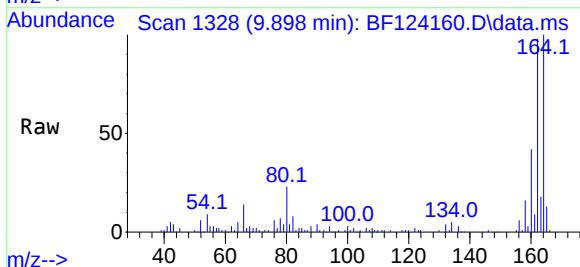
Instrument :
BNA_F
ClientSampled :
33-34DL

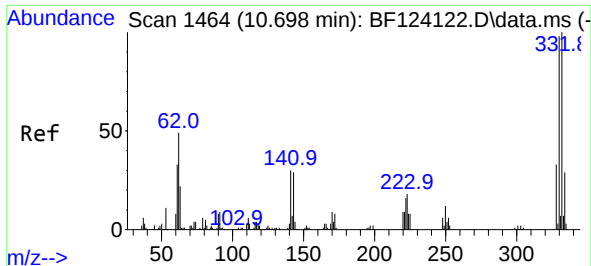
Tgt Ion:107 Resp: 35980
Ion Ratio Lower Upper
107 100
144 25.5 16.3 24.5#
142 67.7 50.1 75.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion:164 Resp: 75116
Ion Ratio Lower Upper
164 100
162 98.5 80.7 121.1
160 42.3 37.3 55.9

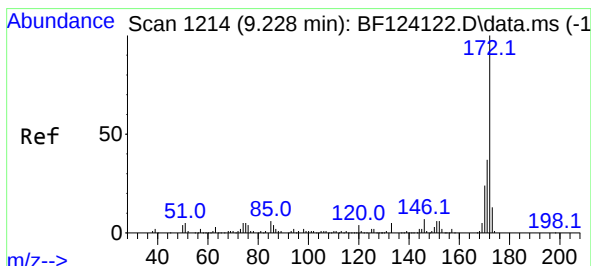
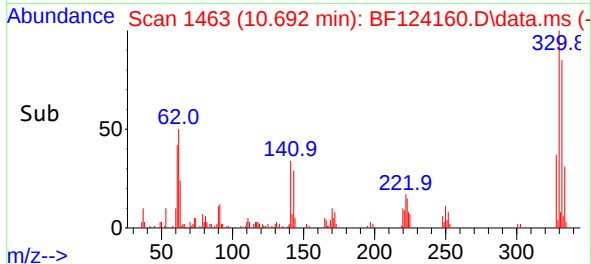
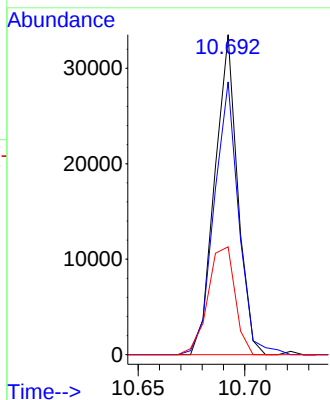
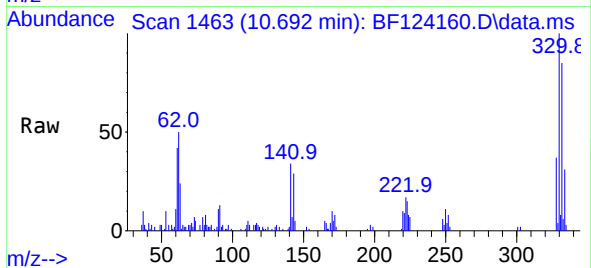




#42
2,4,6-Tribromophenol
Concen: 23.524 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

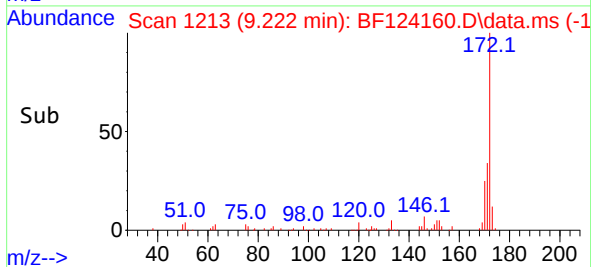
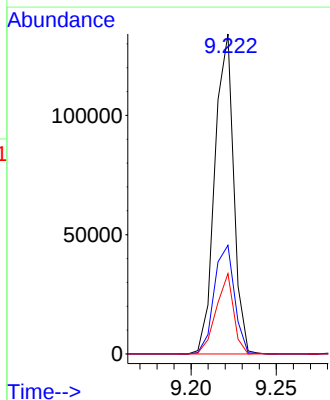
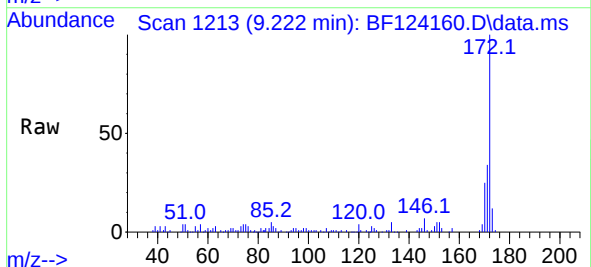
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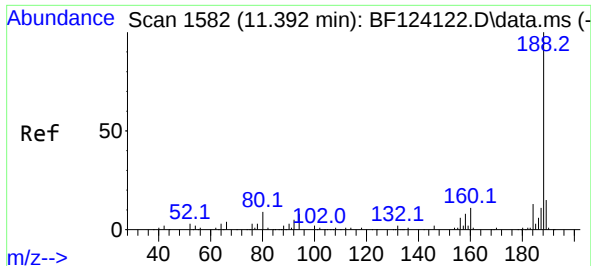
Tgt Ion:330 Resp: 25034
Ion Ratio Lower Upper
330 100
332 91.3 77.1 115.7
141 39.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 17.304 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion:172 Resp: 103296
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 25.1 19.2 28.8

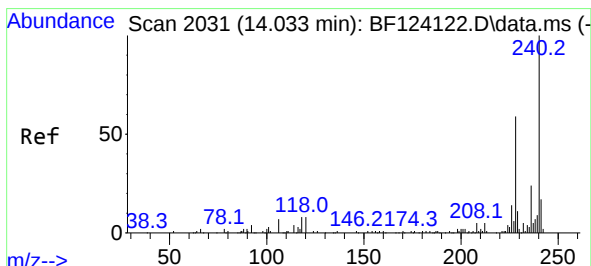
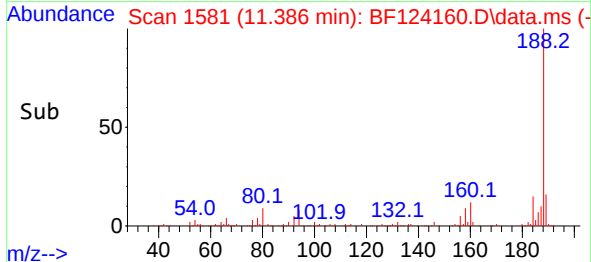
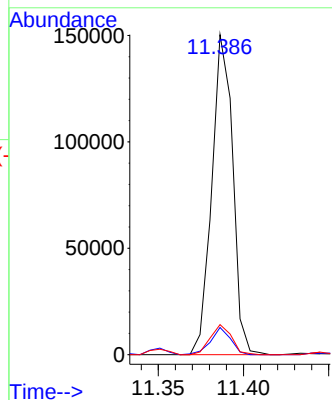
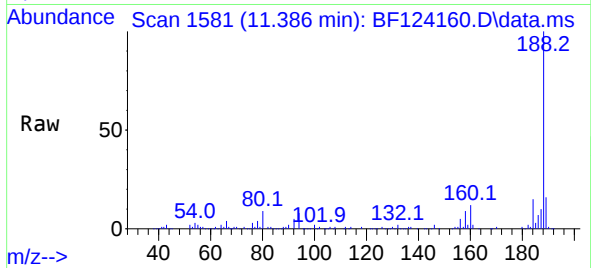




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

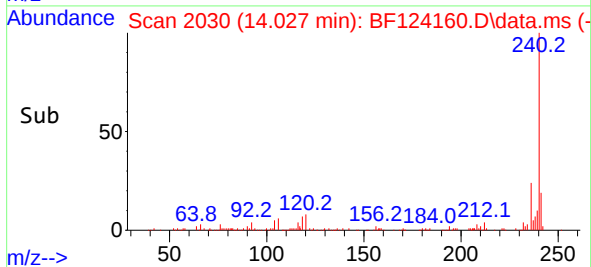
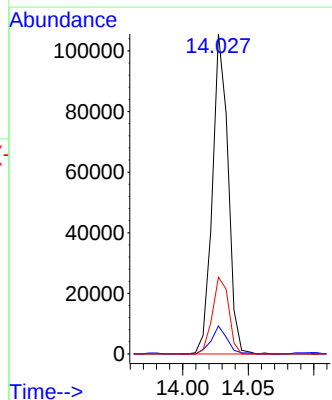
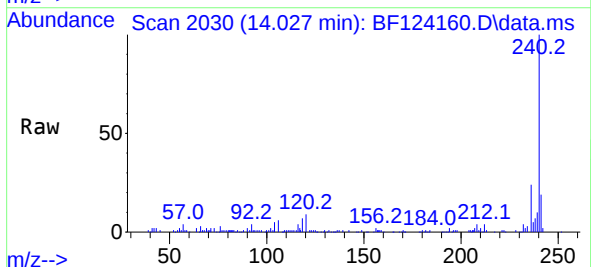
Instrument :
BNA_F
ClientSampleId :
33-34DL

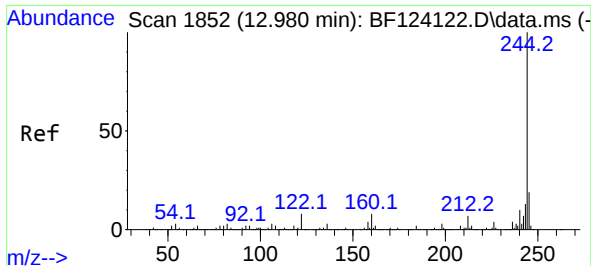
Tgt Ion:188 Resp: 128271
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion:240 Resp: 87826
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 24.0 19.0 28.4

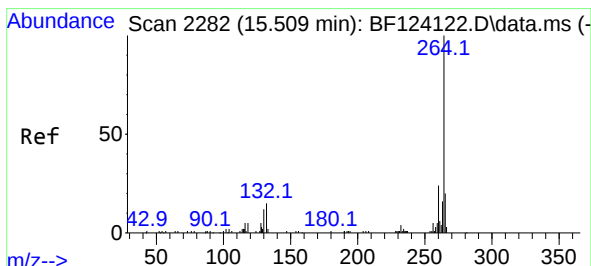
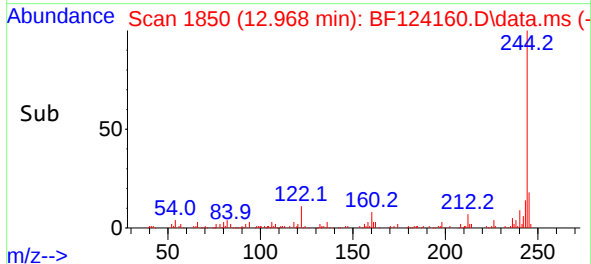
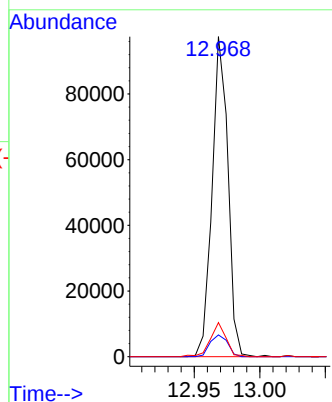
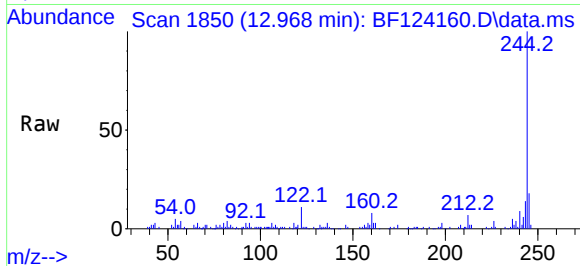




#79
Terphenyl-d14
Concen: 12.801 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Instrument :
BNA_F
ClientSampled :
33-34DL

Tgt Ion:244 Resp: 81886
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.7 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124160.D
Acq: 7 Jun 2021 16:53

Tgt Ion:264 Resp: 82198
Ion Ratio Lower Upper
264 100
260 22.4 18.7 28.1
265 22.5 17.8 26.8

