

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124472.D
 Acq On : 28 Jun 2021 16:52
 Operator : JU/CG
 Sample : M2824-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ABN-1

Quant Time: Jun 28 17:21:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 16:01:42 2021
 Response via : Initial Calibration

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

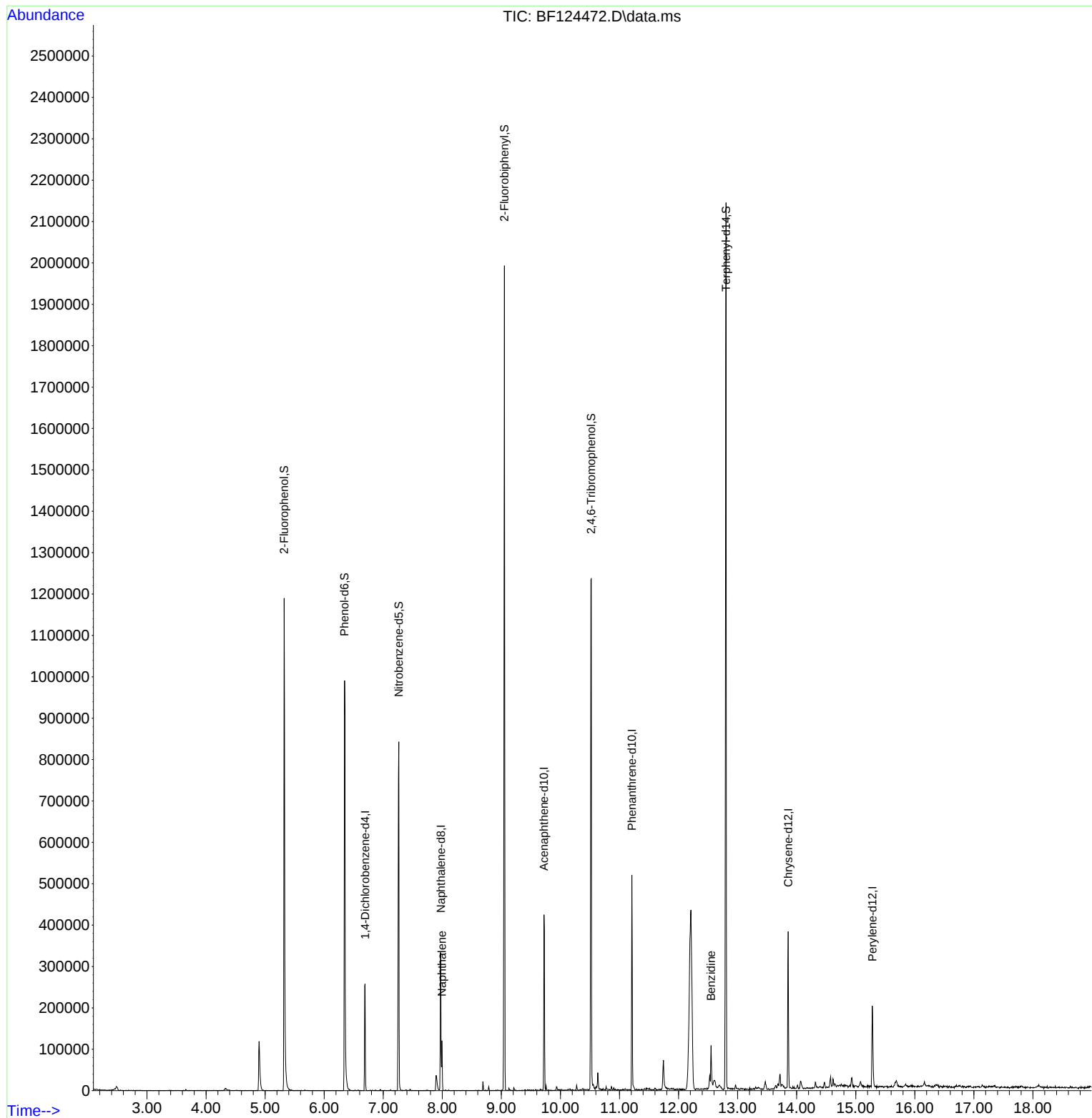
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	38193	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	139359	20.000	ng	# 0.00
39) Acenaphthene-d10	9.722	164	84347	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	164795	20.000	ng	0.00
76) Chrysene-d12	13.857	240	122379	20.000	ng	0.00
86) Perylene-d12	15.280	264	81106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	290481	119.613	ng	0.01
7) Phenol-d6	6.345	99	321755	101.471	ng	0.00
23) Nitrobenzene-d5	7.263	82	277818	82.657	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	147227	146.098	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	545512	79.226	ng	0.00
79) Terphenyl-d14	12.804	244	669998	82.001	ng	0.00
Target Compounds						
31) Naphthalene	7.992	128	45875	5.595	ng	Qvalue 97
77) Benzidine	12.551	184	38845	15.838	ng	# 95

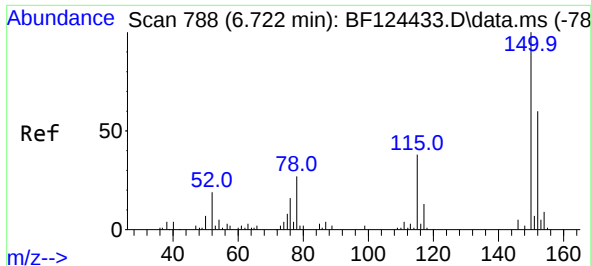
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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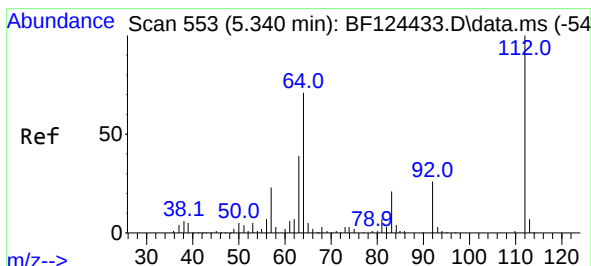
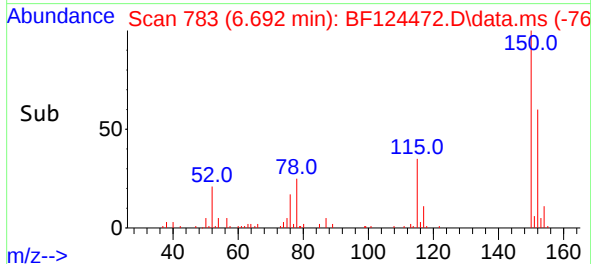
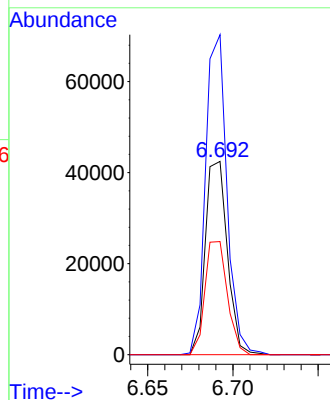
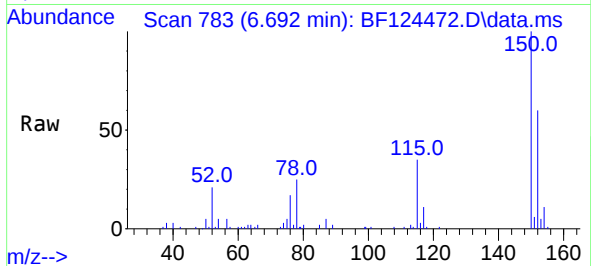




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.001 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

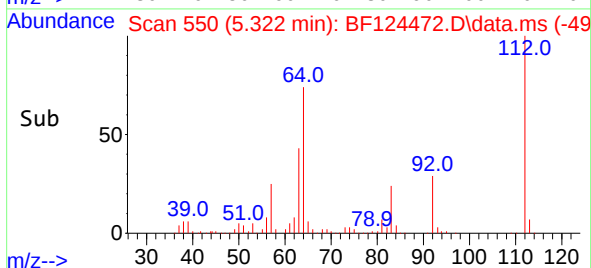
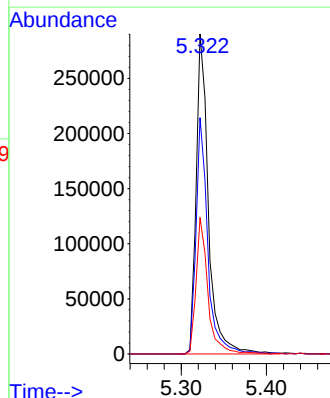
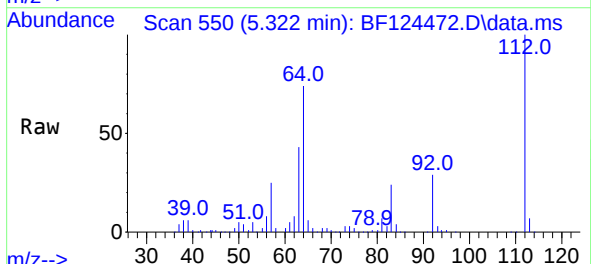
Instrument :
BNA_F
ClientSampleId :
ABN-1

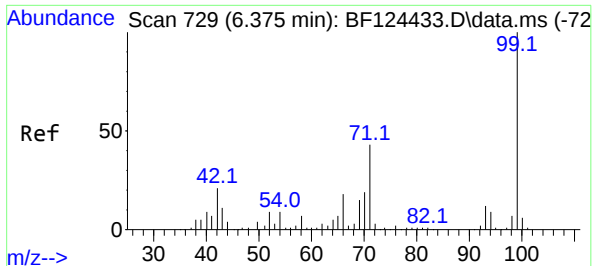
Tgt Ion:152 Resp: 38193
Ion Ratio Lower Upper
152 100
150 165.6 127.0 190.6
115 58.5 54.3 81.5



#5
2-Fluorophenol
Concen: 119.613 ng
RT: 5.322 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Tgt Ion:112 Resp: 290481
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 42.7 33.0 49.4

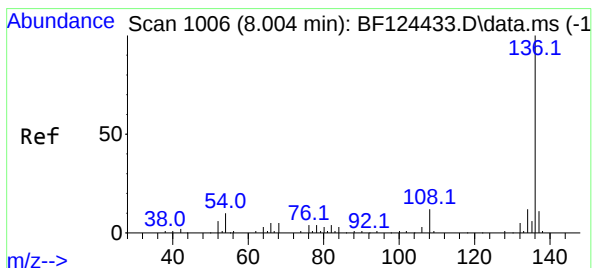
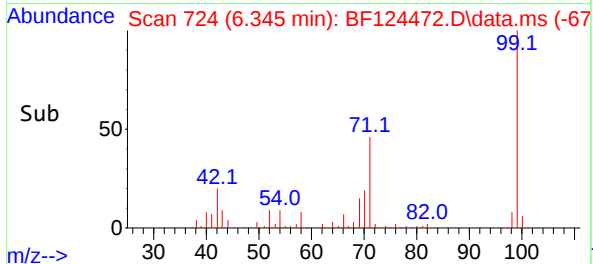
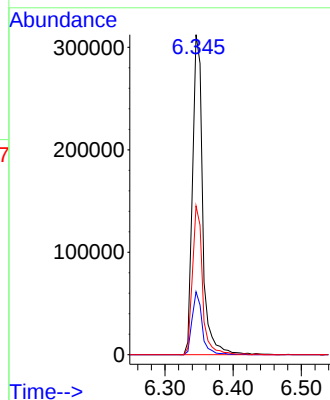
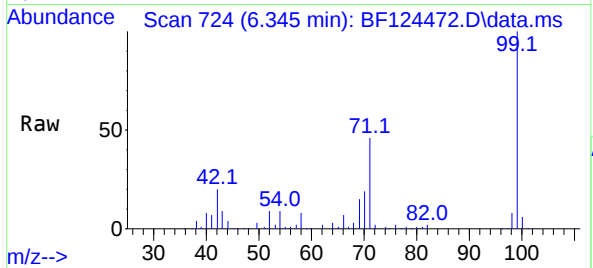




#7
Phenol-d6
Concen: 101.471 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

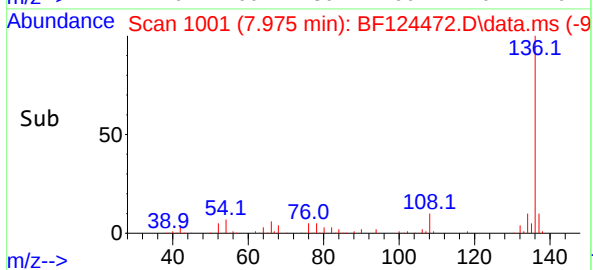
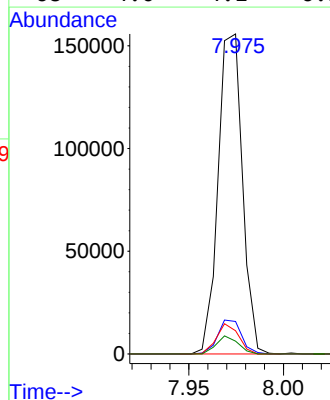
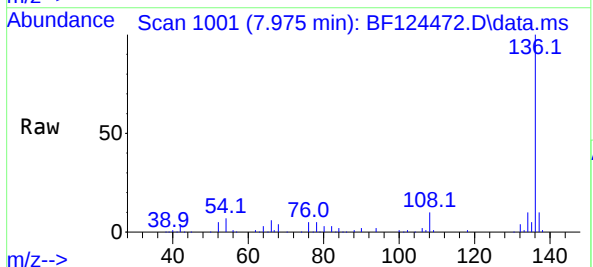
Instrument :
BNA_F
ClientSampleId :
ABN-1

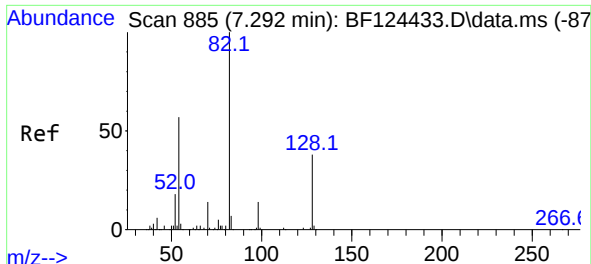
Tgt Ion: 99 Resp: 321755
Ion Ratio Lower Upper
99 100
42 19.6 19.8 29.8#
71 46.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

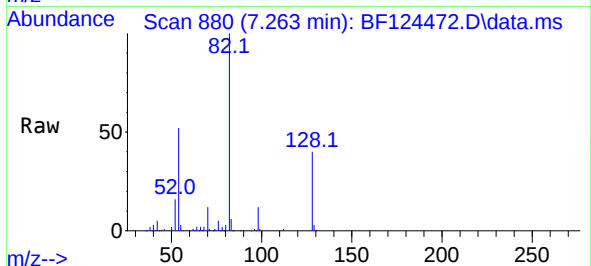
Tgt Ion: 136 Resp: 139359
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 7.2 9.8 14.6#
68 4.0 4.1 6.1#



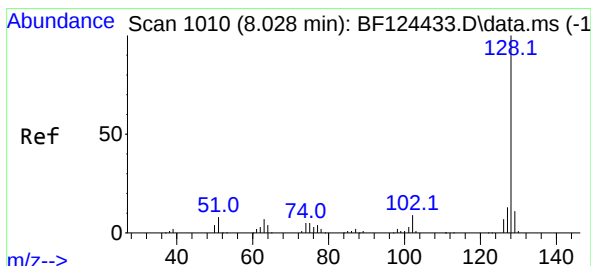
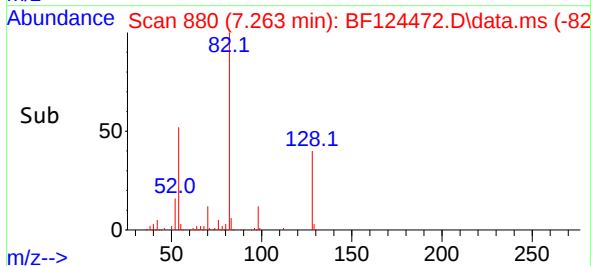
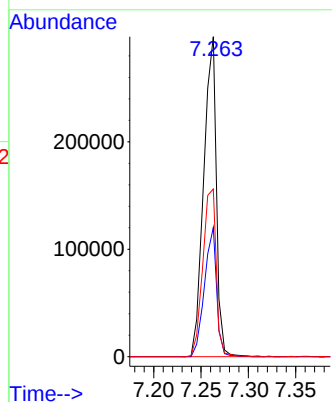


#23
Nitrobenzene-d5
Concen: 82.657 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Instrument :
BNA_F
ClientSampleId :
ABN-1

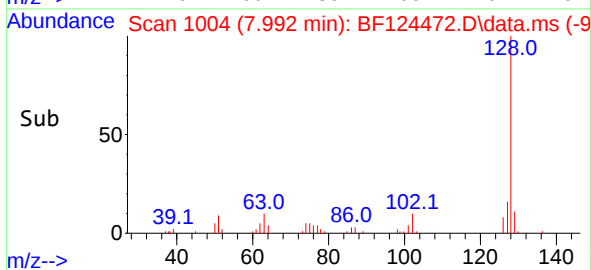
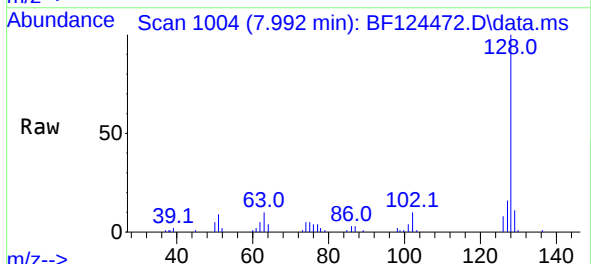
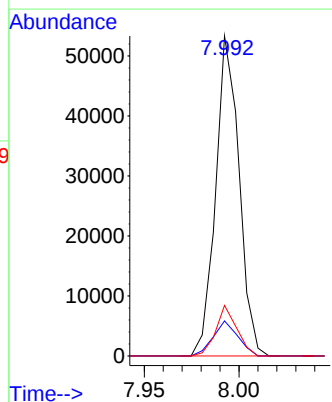


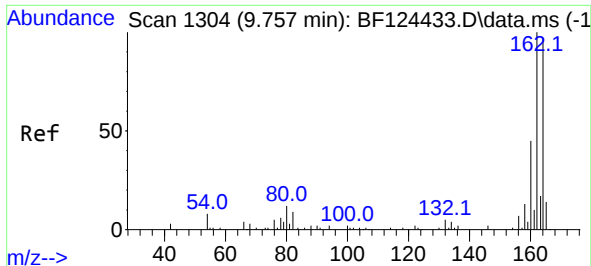
Tgt Ion: 82 Resp: 277818
Ion Ratio Lower Upper
82 100
128 40.4 29.4 44.2
54 52.4 54.1 81.1#



#31
Naphthalene
Concen: 5.595 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Tgt Ion: 128 Resp: 45875
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 15.8 10.8 16.2

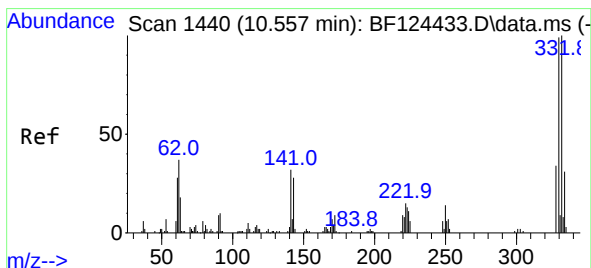
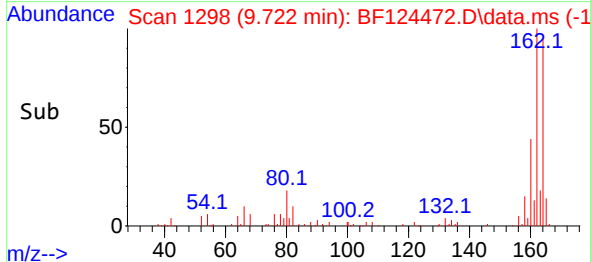
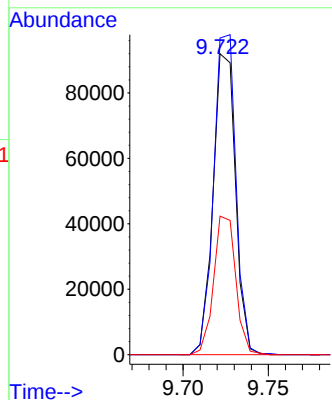
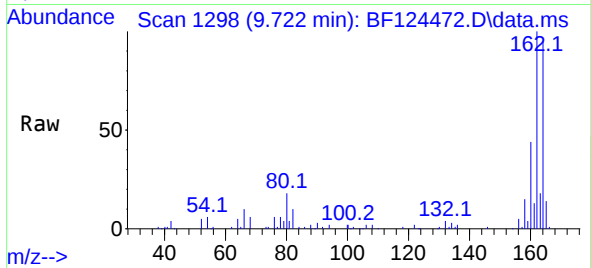




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

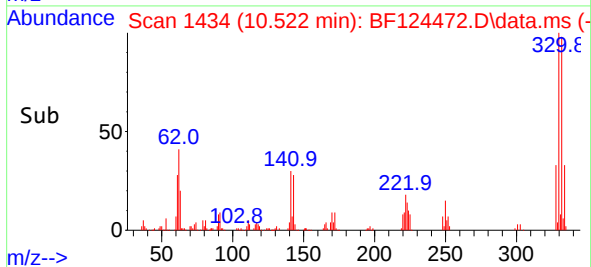
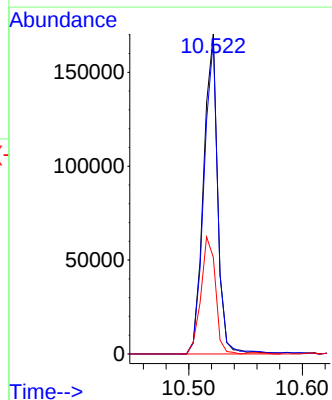
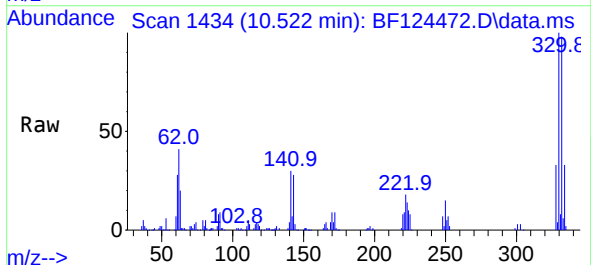
Instrument :
BNA_F
ClientSampled :
ABN-1

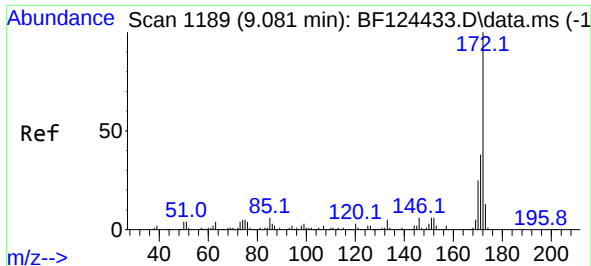
Tgt Ion:164 Resp: 84347
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 46.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 146.098 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Tgt Ion:330 Resp: 147227
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 37.6 27.9 41.9

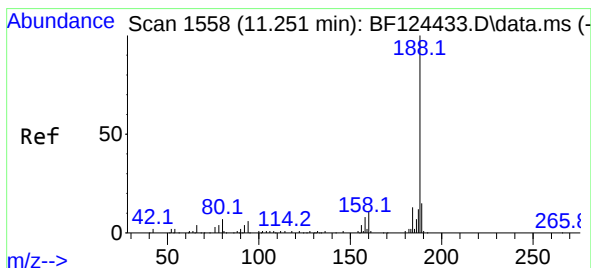
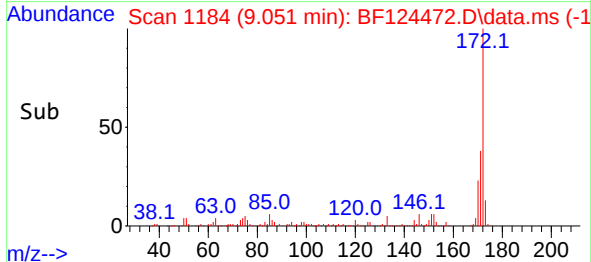
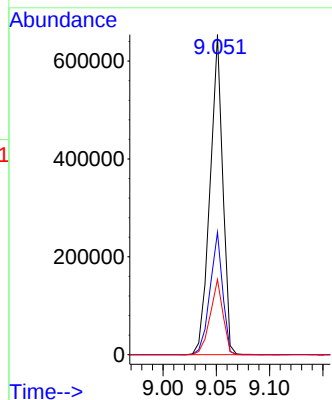
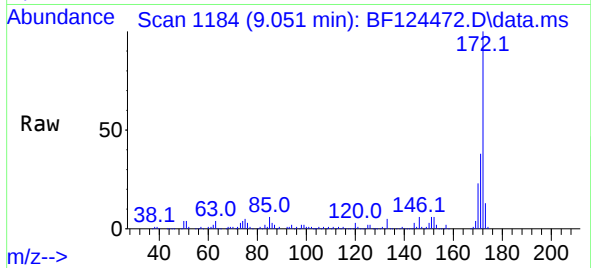




#45
2-Fluorobiphenyl
Concen: 79.226 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

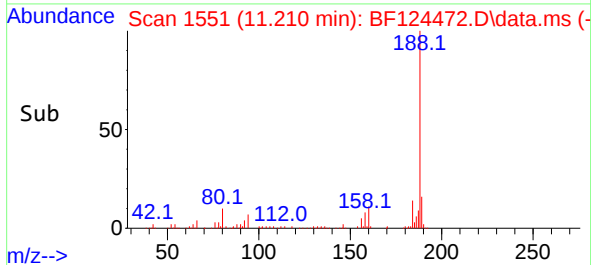
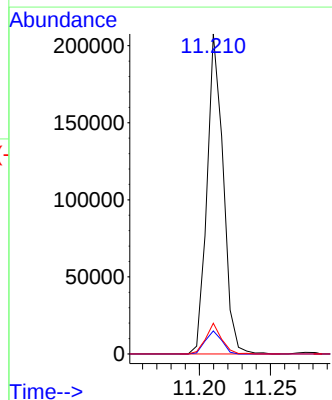
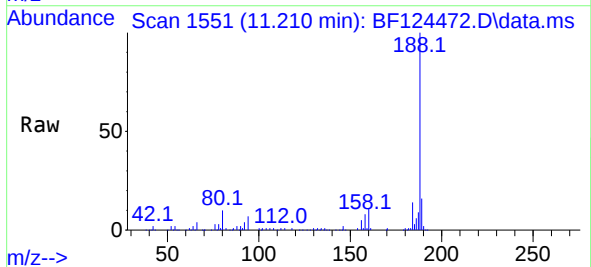
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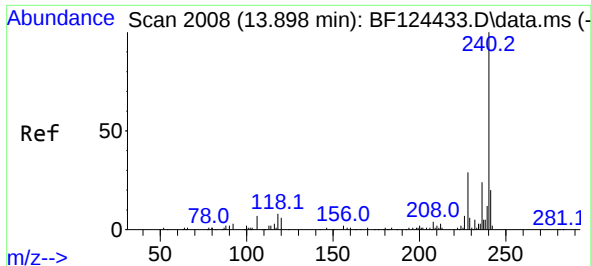
Tgt Ion:172 Resp: 545512
Ion Ratio Lower Upper
172 100
171 38.2 28.1 42.1
170 23.5 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Tgt Ion:188 Resp: 164795
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.6 8.2 12.2

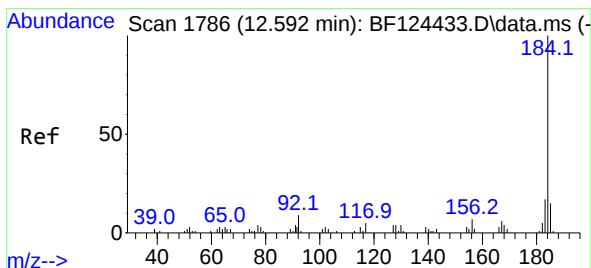
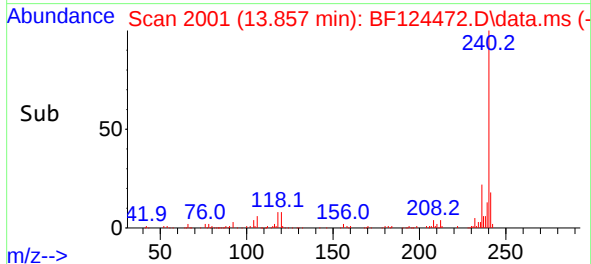
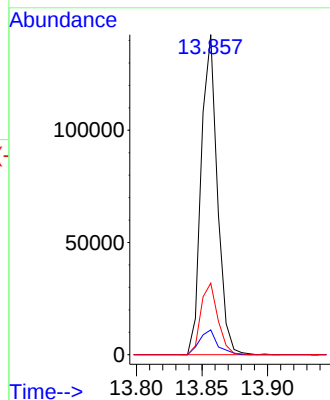
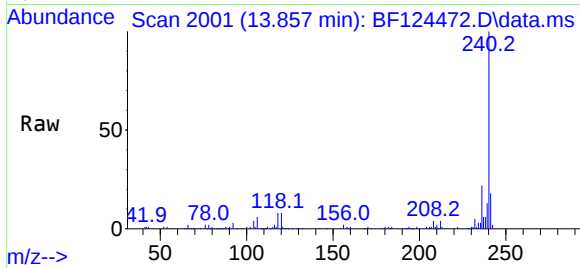




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

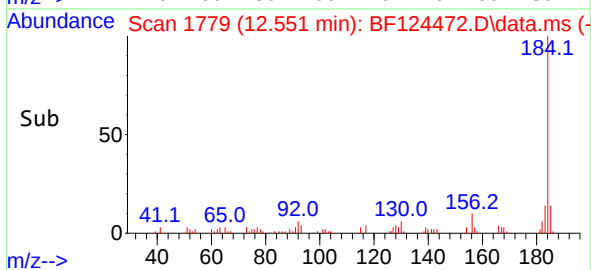
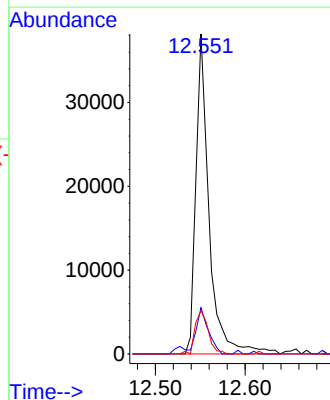
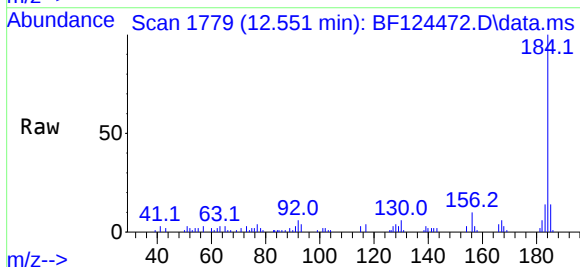
Instrument :
BNA_F
ClientSampleId :
ABN-1

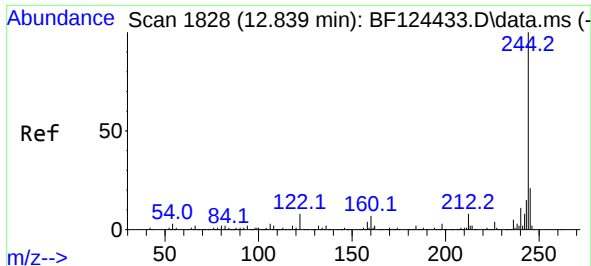
Tgt Ion:240 Resp: 122379
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 22.4 19.0 28.4



#77
Benzidine
Concen: 15.838 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Tgt Ion:184 Resp: 38845
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 13.5 7.8 11.8#

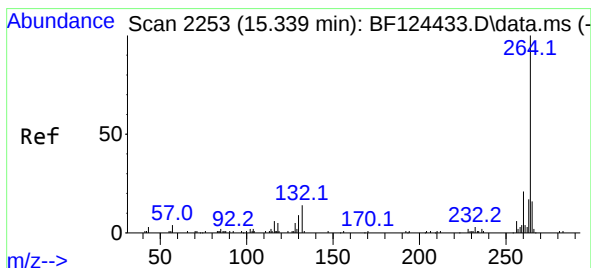
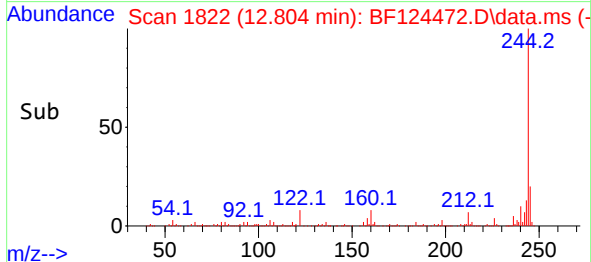
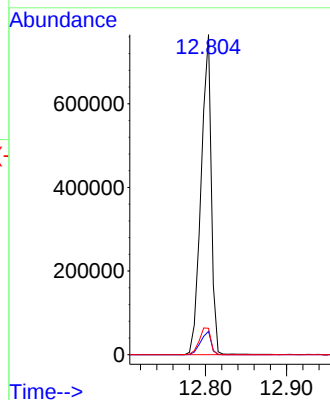
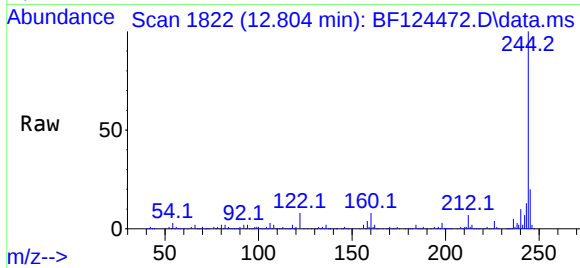




#79
Terphenyl-d14
Concen: 82.001 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Instrument :
BNA_F
ClientSampleId :
ABN-1

Tgt Ion:244 Resp: 669998
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF124472.D
Acq: 28 Jun 2021 16:52

Tgt Ion:264 Resp: 81106
Ion Ratio Lower Upper
264 100
260 20.9 18.7 28.1
265 18.8 17.8 26.8

