

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124465.D
 Acq On : 25 Jun 2021 22:28
 Operator : JU/CG
 Sample : M2860-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASH

Quant Time: Jun 26 02:43:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

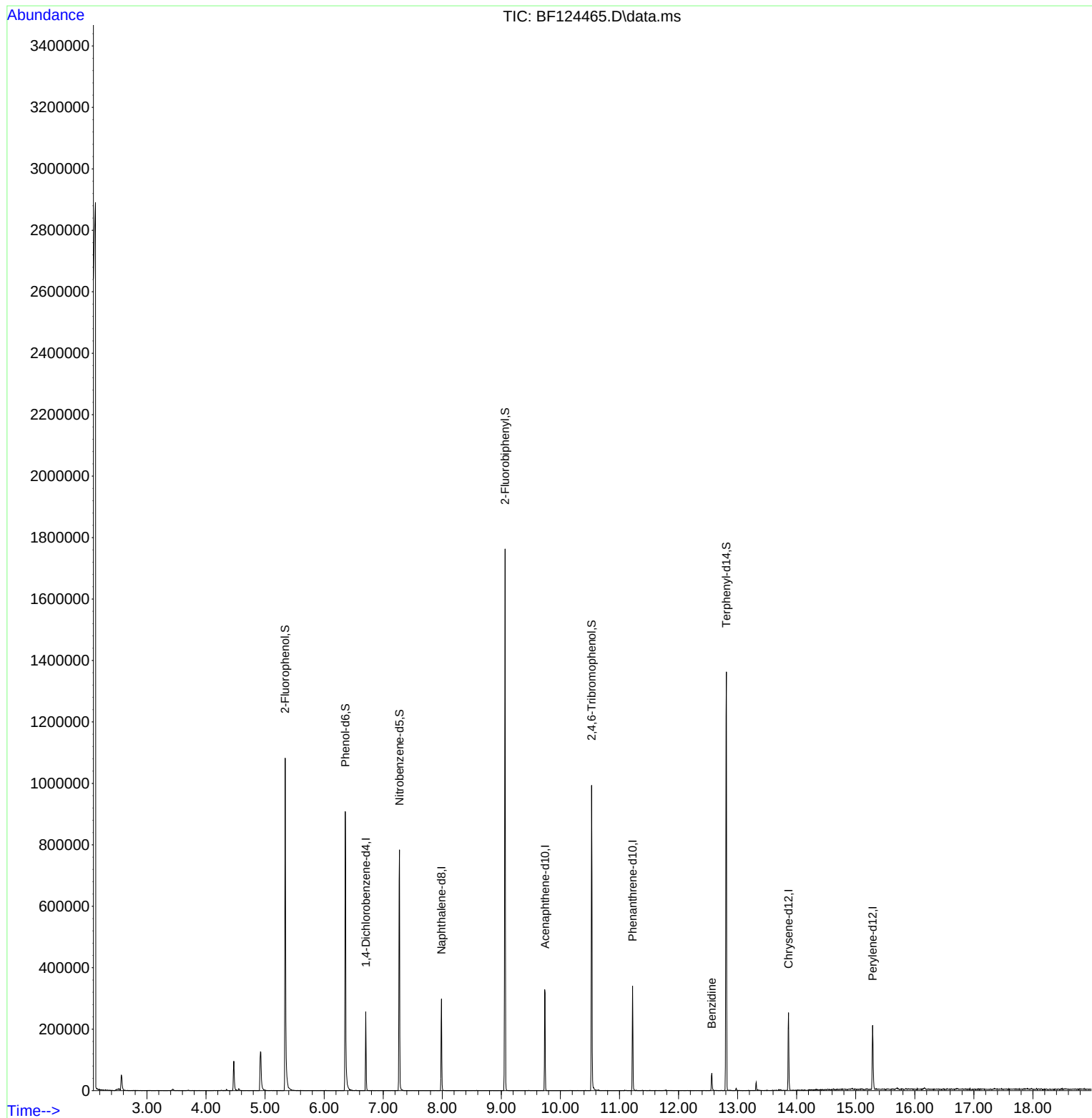
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	32124	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	114276	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	66848	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	110775	20.000	ng	# 0.00
76) Chrysene-d12	13.863	240	86200	20.000	ng	0.00
86) Perylene-d12	15.286	264	79718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	251484	123.119	ng	0.01
7) Phenol-d6	6.357	99	284442	106.651	ng	0.00
23) Nitrobenzene-d5	7.275	82	240777	87.361	ng	0.00
42) 2,4,6-Tribromophenol	10.528	330	104759	131.169	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	459172	84.143	ng	0.00
79) Terphenyl-d14	12.810	244	435648	75.697	ng	0.00
Target Compounds						
77) Benzidine	12.563	184	22736	13.161	ng	# 95

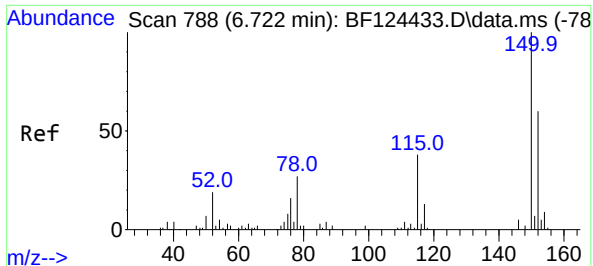
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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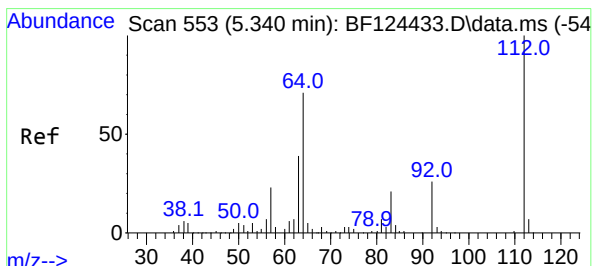
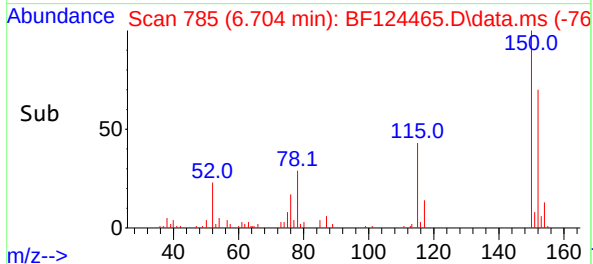
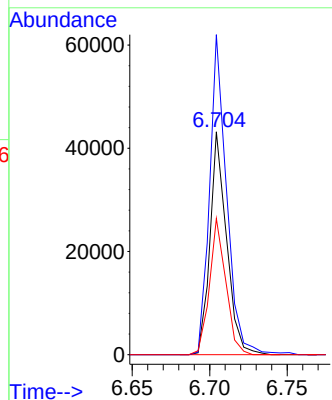
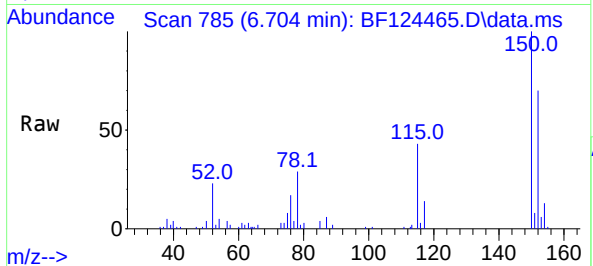




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

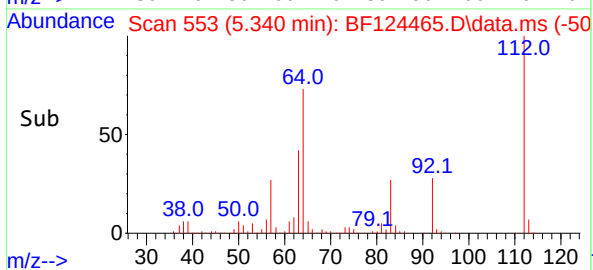
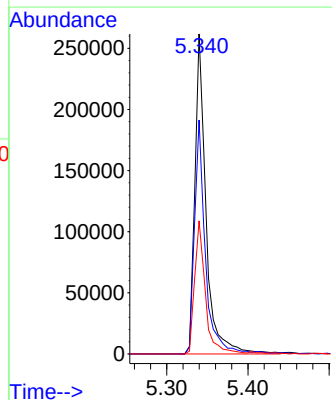
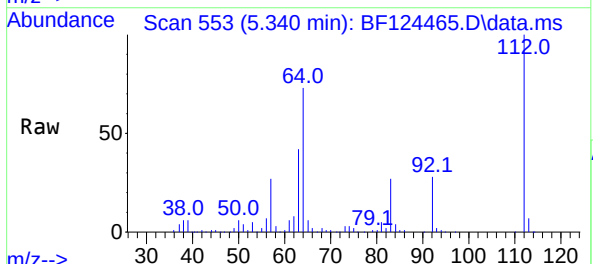
Instrument :
BNA_F
ClientSampled :
ASH

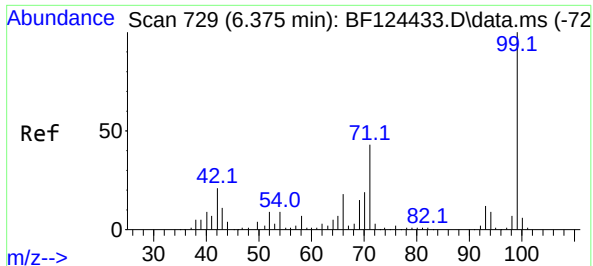
Tgt Ion:152 Resp: 32124
Ion Ratio Lower Upper
152 100
150 143.6 127.0 190.6
115 61.1 54.3 81.5



#5
2-Fluorophenol
Concen: 123.119 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:112 Resp: 251484
Ion Ratio Lower Upper
112 100
64 73.1 61.4 92.0
63 41.6 33.0 49.4

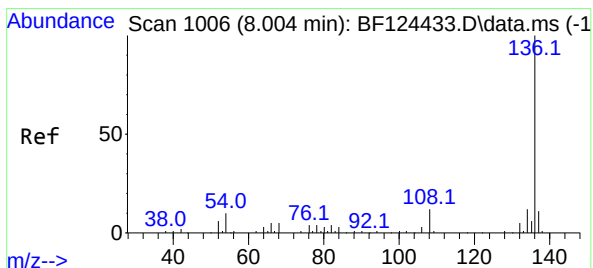
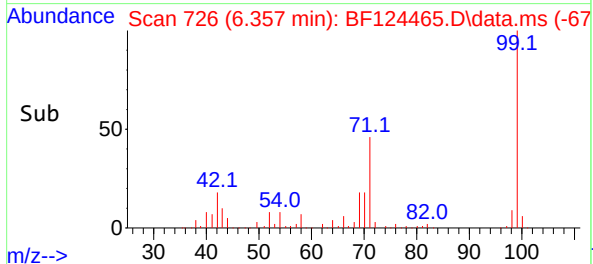
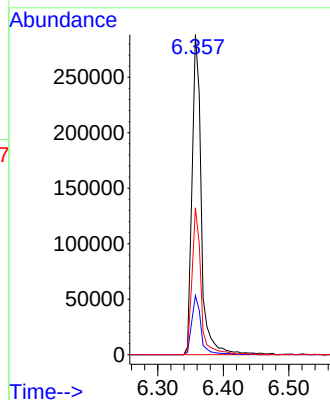
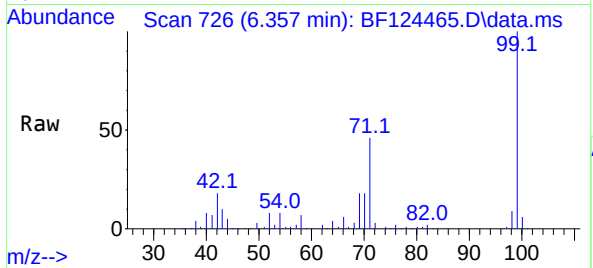




#7
Phenol-d6
Concen: 106.651 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

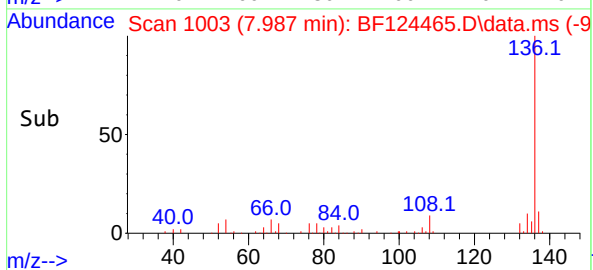
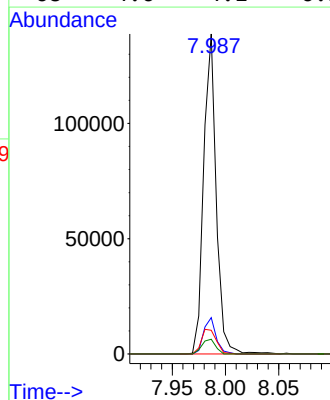
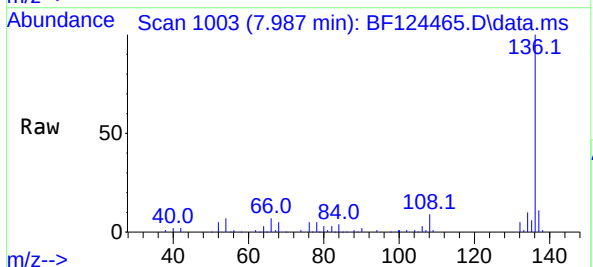
Instrument :
BNA_F
ClientSampleId :
ASH

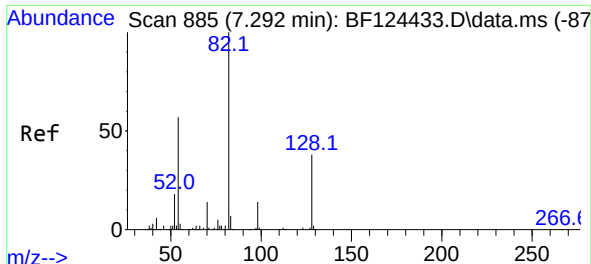
Tgt Ion: 99 Resp: 284442
Ion Ratio Lower Upper
99 100
42 18.5 19.8 29.8#
71 45.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion: 136 Resp: 114276
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.4 9.8 14.6#
68 4.6 4.1 6.1

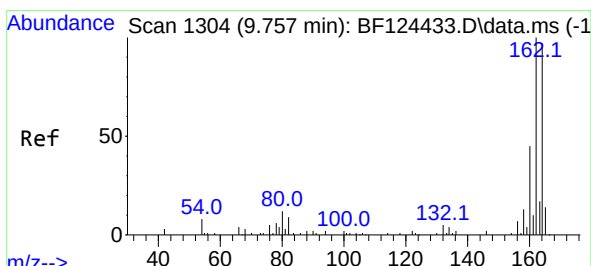
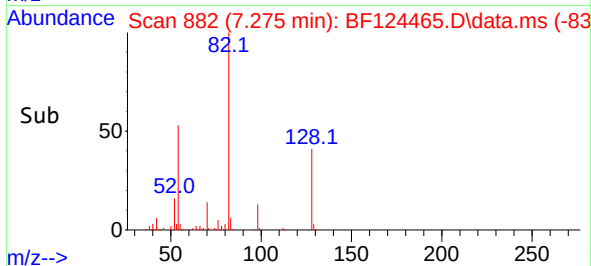
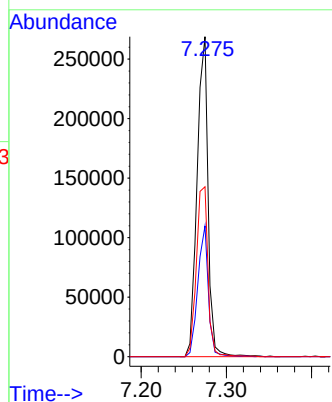
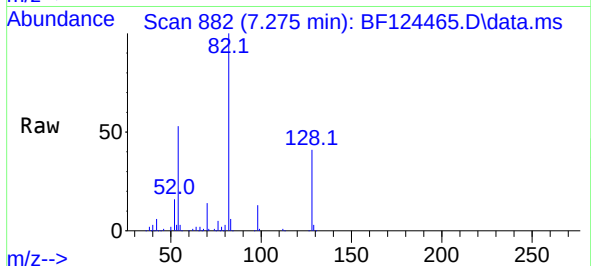




#23
Nitrobenzene-d5
Concen: 87.361 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

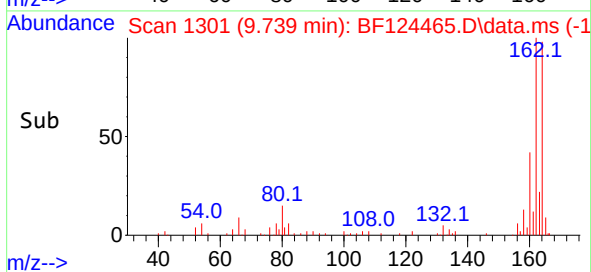
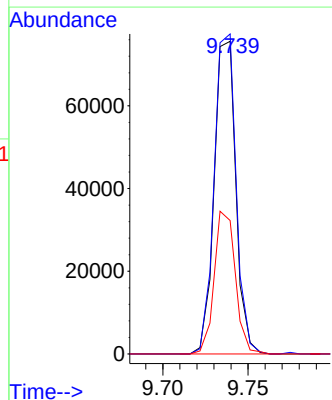
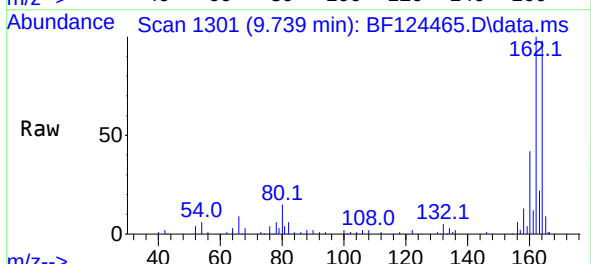
Instrument :
BNA_F
ClientSampleId :
ASH

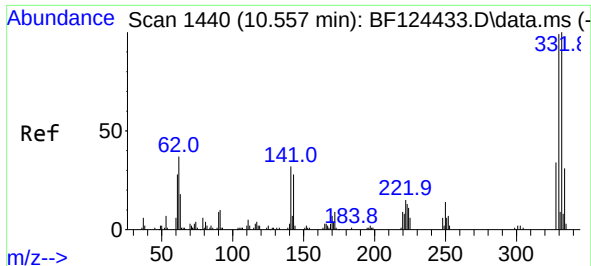
Tgt Ion: 82 Resp: 240777
Ion Ratio Lower Upper
82 100
128 40.9 29.4 44.2
54 53.1 54.1 81.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion: 164 Resp: 66848
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 42.7 37.3 55.9

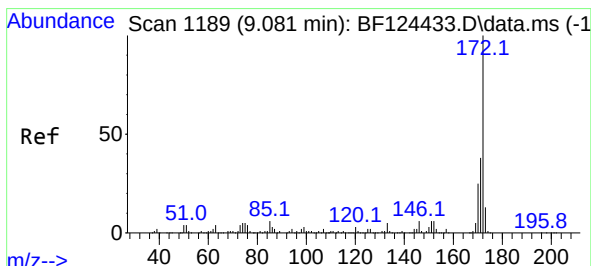
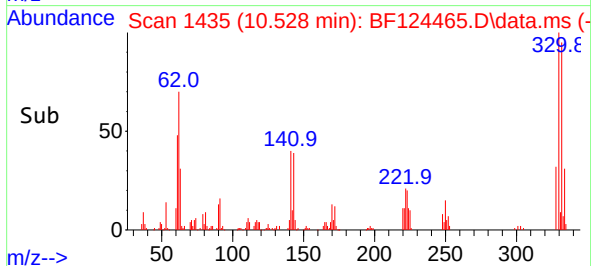
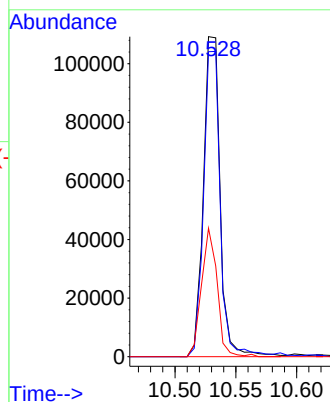
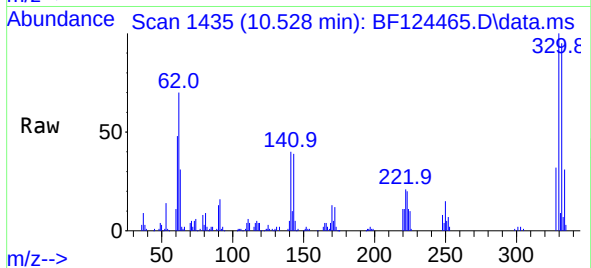




#42
2,4,6-Tribromophenol
Concen: 131.169 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

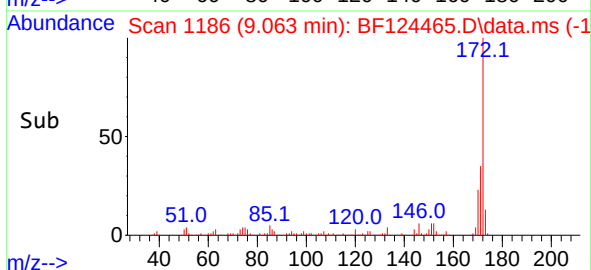
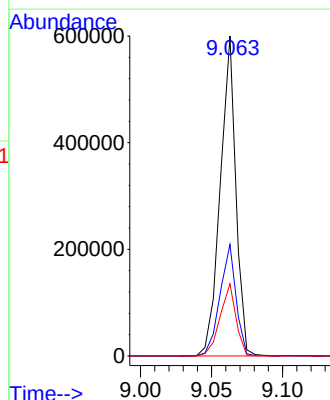
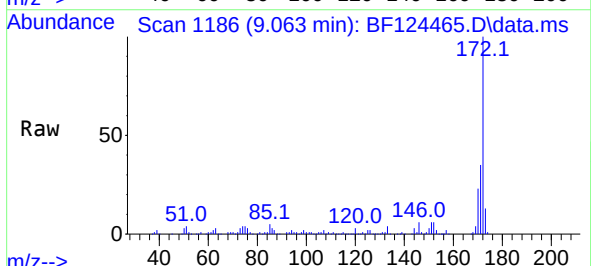
Instrument :
BNA_F
ClientSampled :
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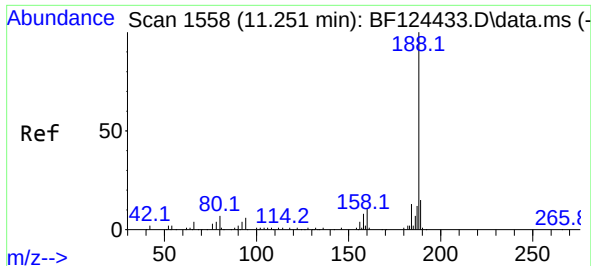
Tgt Ion:330 Resp: 104759
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 37.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.143 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:172 Resp: 459172
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.5 19.2 28.8

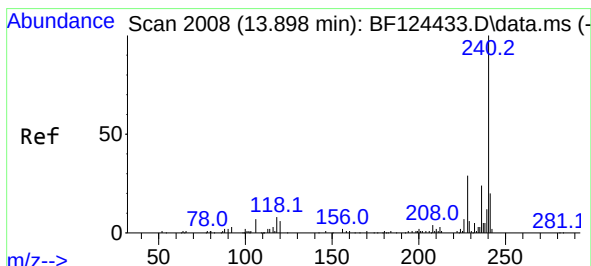
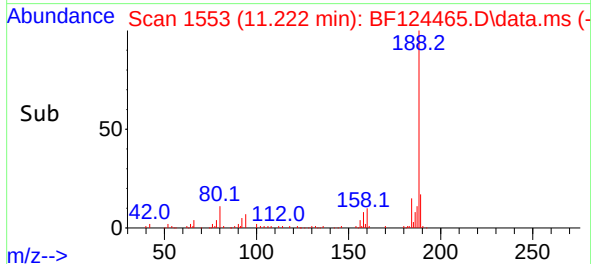
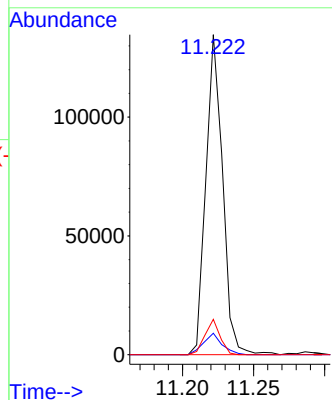
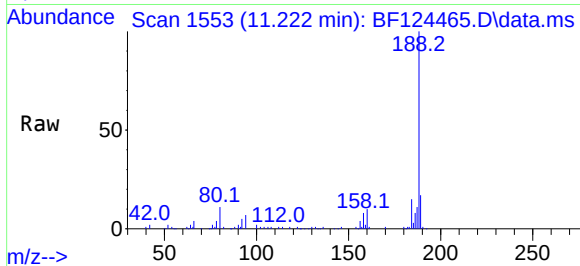




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

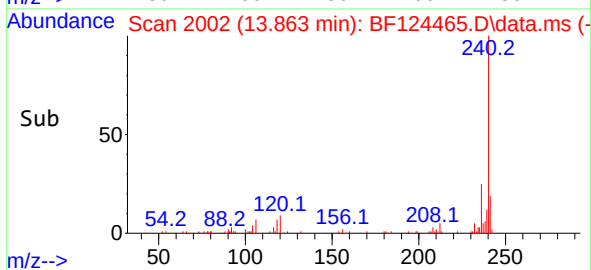
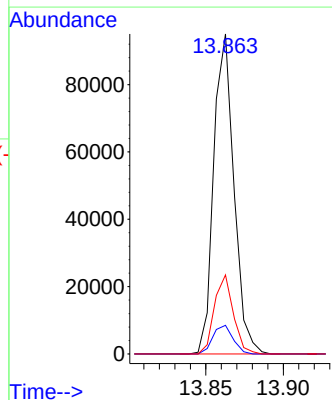
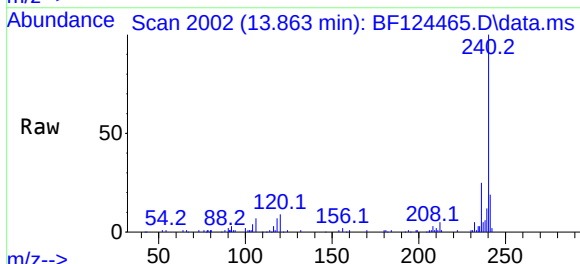
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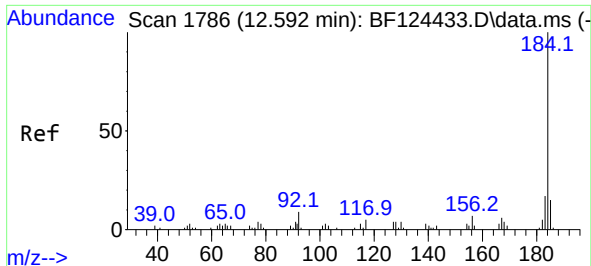
Tgt Ion:188 Resp: 110775
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 11.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:240 Resp: 86200
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 24.7 19.0 28.4

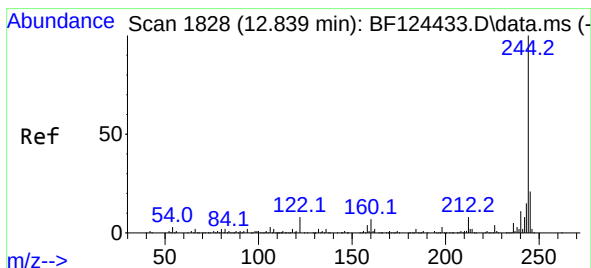
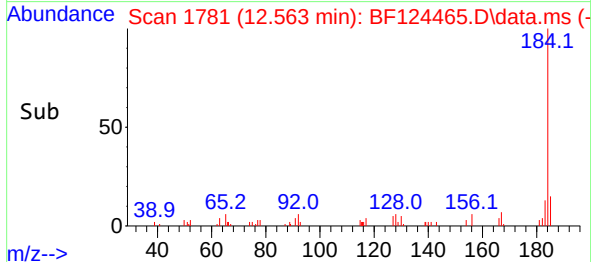
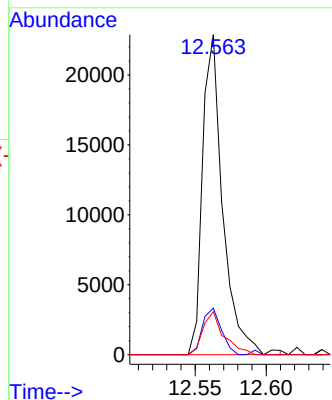
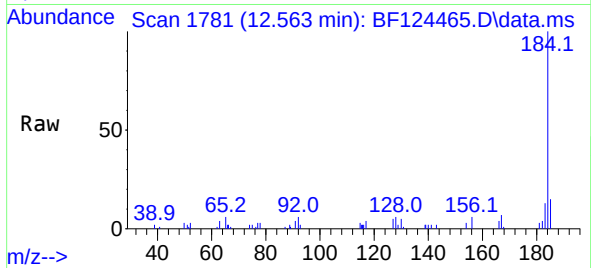




#77
Benzidine
Concen: 13.161 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

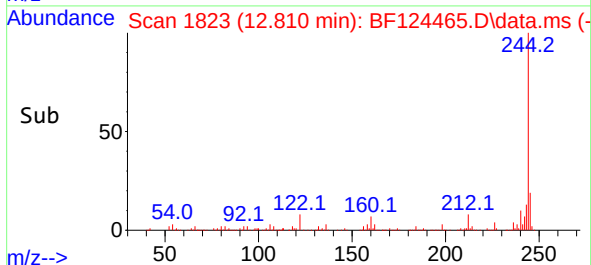
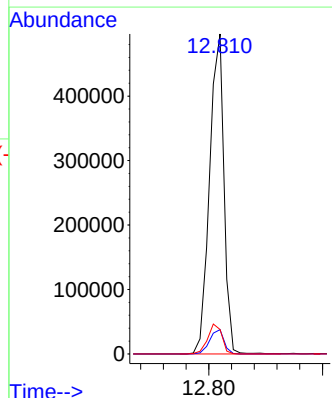
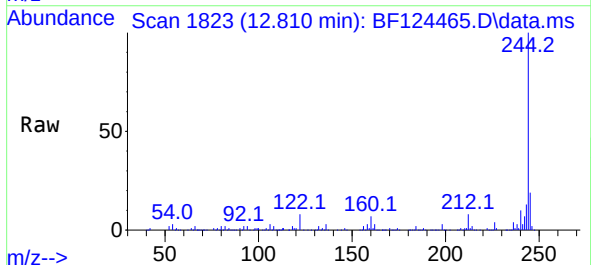
Instrument :
BNA_F
ClientSampled :
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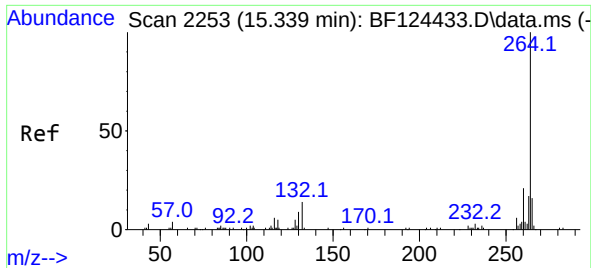
Tgt Ion:184 Resp: 22736
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 13.4 7.8 11.8#



#79
Terphenyl-d14
Concen: 75.697 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:244 Resp: 435648
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 7.7 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF124465.D
 Acq: 25 Jun 2021 22:28

Instrument :
 BNA_F
 ClientSampleId :
 ASH

Tgt Ion:264 Resp: 79718
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.7 28.1
 265 20.7 17.8 26.8

