

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124094.D
 Acq On : 27 May 2021 16:08
 Operator : JU/CG
 Sample : M2535-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2DDL

Quant Time: May 27 16:30:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

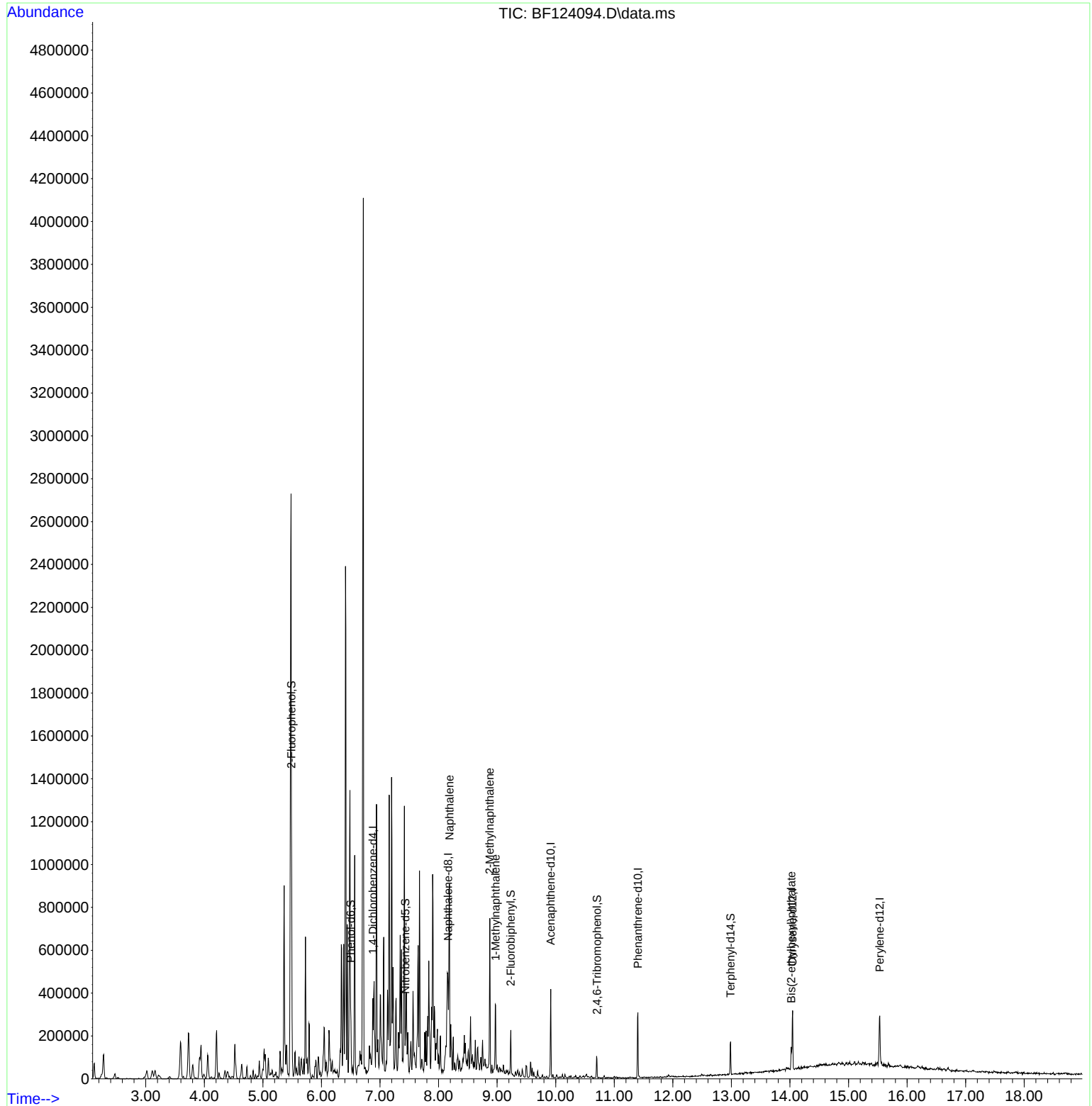
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	38393	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	131783	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	66362	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	107303	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	83791	20.00	ng	0.00
86) Perylene-d12	15.533	264	99885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	33963	12.42	ng	0.00
7) Phenol-d6	6.498	99	40560	11.43	ng	-0.01
23) Nitrobenzene-d5	7.433	82	31608	10.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	10898	13.67	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	51761	9.60	ng	0.00
79) Terphenyl-d14	12.986	244	42187	7.63	ng	0.00
Target Compounds						
31) Naphthalene	8.186	128	232864	29.86	ng	99
37) 2-Methylnaphthalene	8.875	142	149548	28.29	ng	94
38) 1-Methylnaphthalene	8.975	142	64825	13.14	ng	94
84) Bis(2-ethylhexyl)phtha...	14.021	149	25424	6.18	ng	98

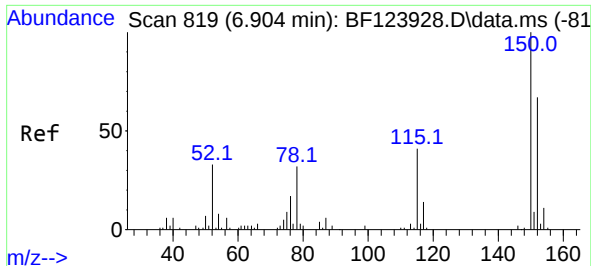
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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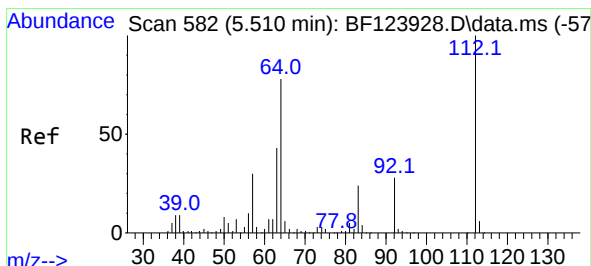
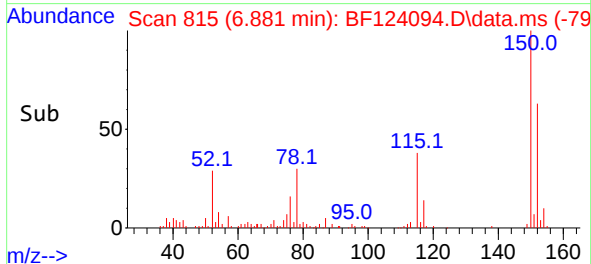
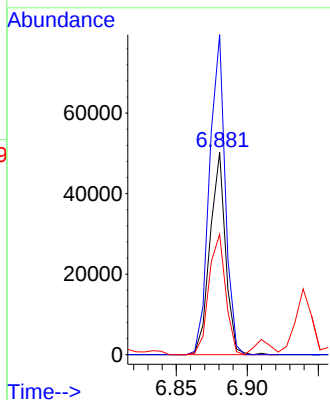
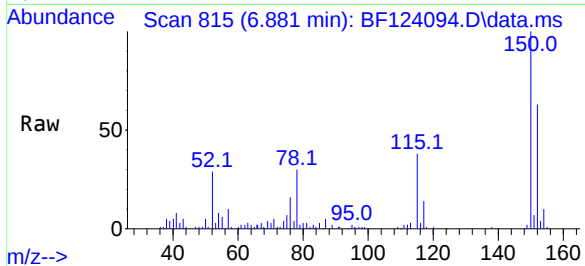




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

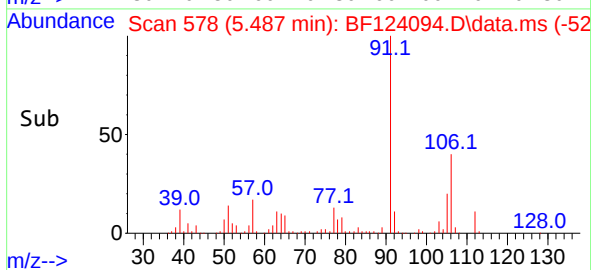
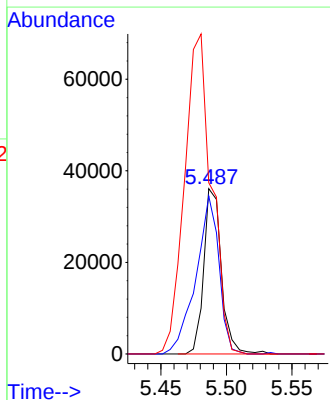
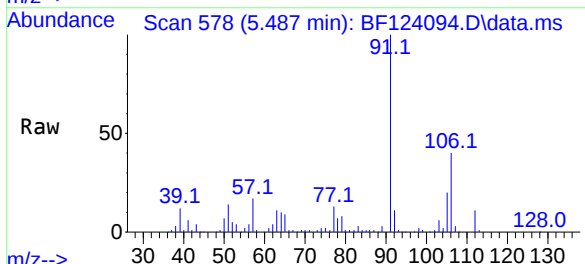
Instrument :
BNA_F
ClientSampled :
GHOST-2DDL

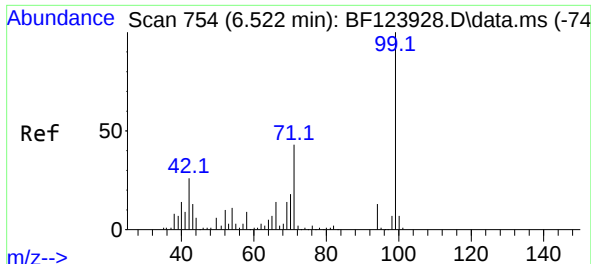
Tgt Ion:152 Resp: 38393
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 59.5 54.3 81.5



#5
2-Fluorophenol
Concen: 12.42 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:112 Resp: 33963
Ion Ratio Lower Upper
112 100
64 95.6 61.4 92.0#
63 103.6 33.0 49.4#

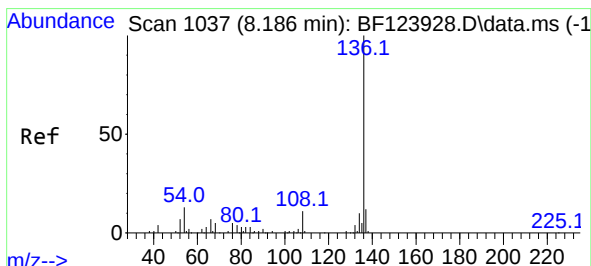
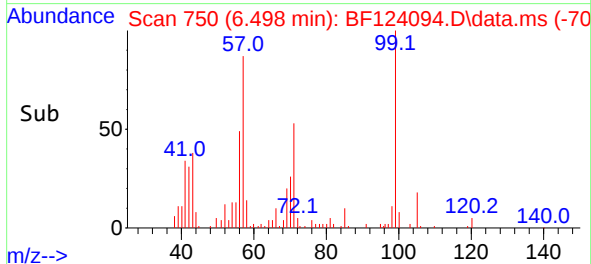
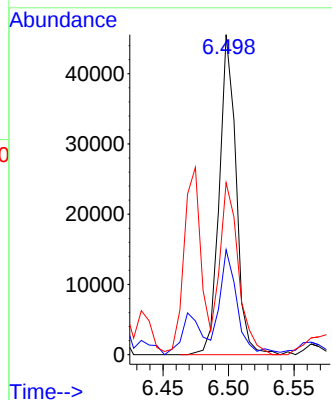
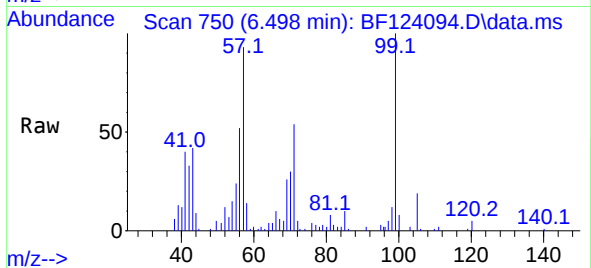




#7
Phenol-d6
Concen: 11.43 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

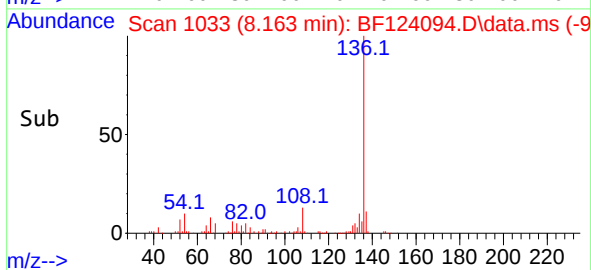
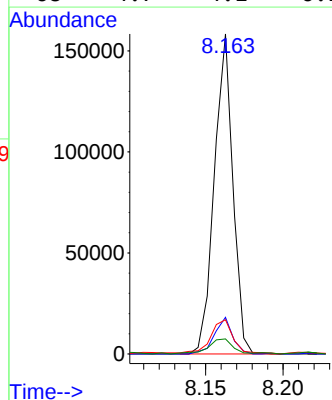
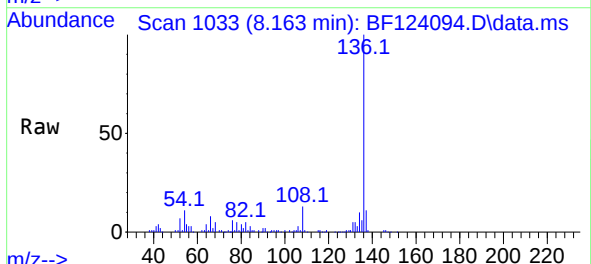
Instrument :
BNA_F
ClientSampled :
GHOST-2DDL

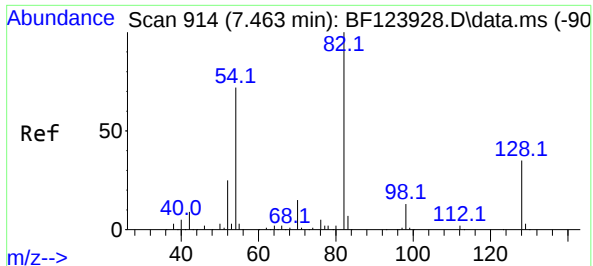
Tgt Ion: 99 Resp: 40560
Ion Ratio Lower Upper
99 100
42 32.8 19.8 29.8#
71 53.8 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion: 136 Resp: 131783
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.7 9.8 14.6
68 4.7 4.1 6.1

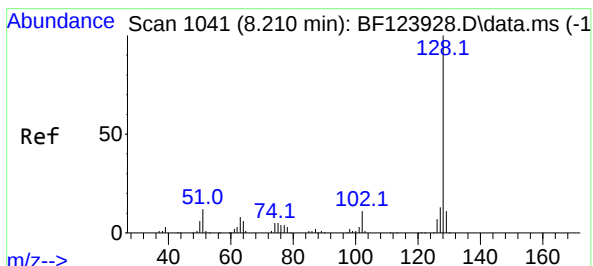
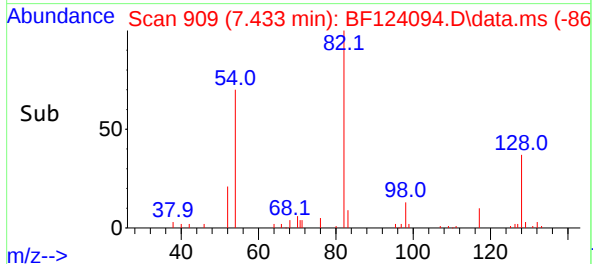
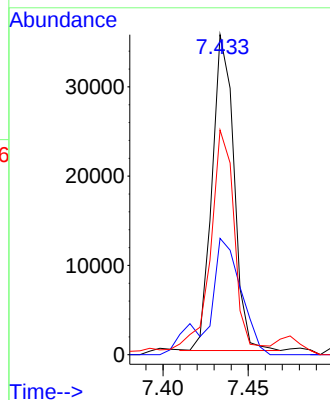
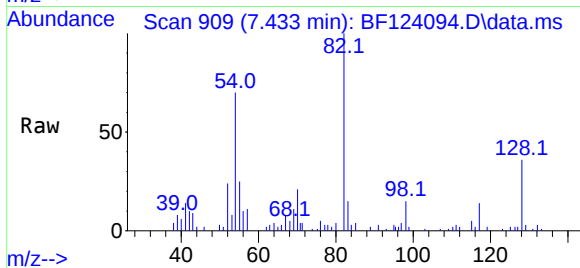




#23
Nitrobenzene-d5
Concen: 10.33 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

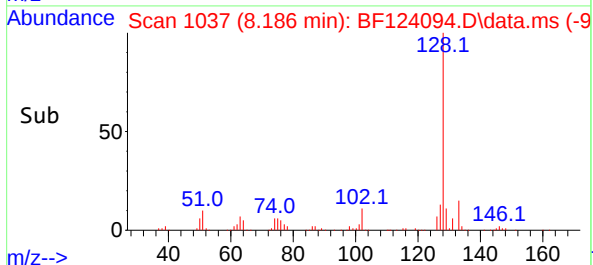
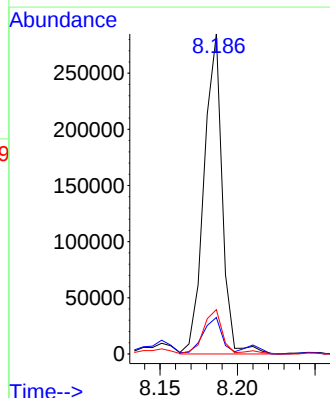
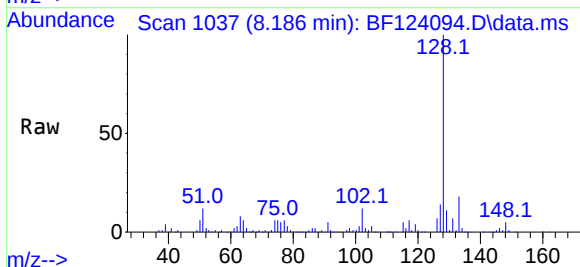
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

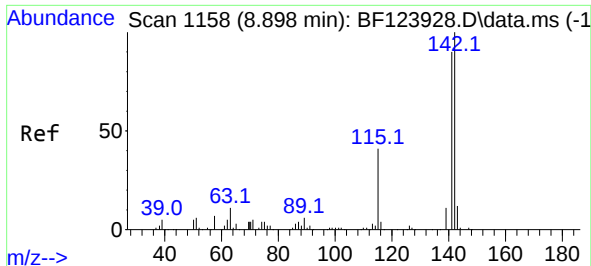
Tgt Ion: 82 Resp: 31608
Ion Ratio Lower Upper
82 100
128 36.3 29.4 44.2
54 70.2 54.1 81.1



#31
Naphthalene
Concen: 29.86 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion: 128 Resp: 232864
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.8 10.8 16.2

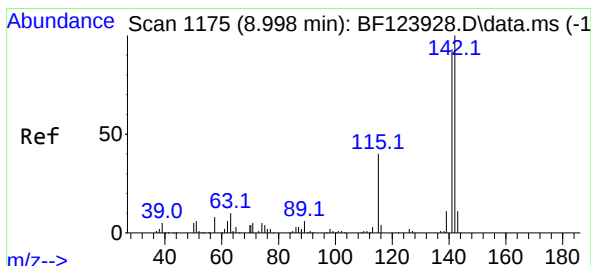
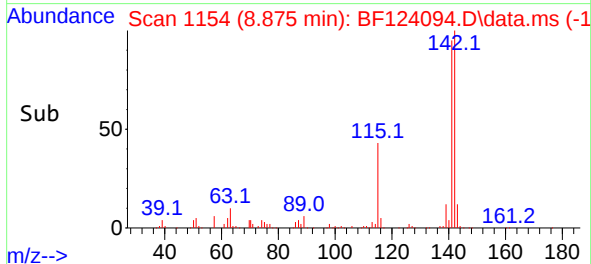
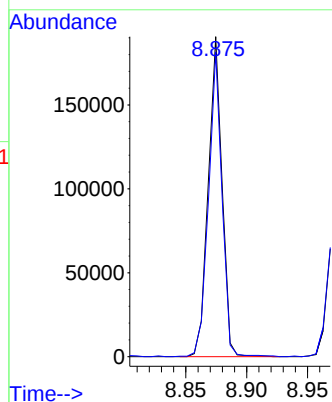
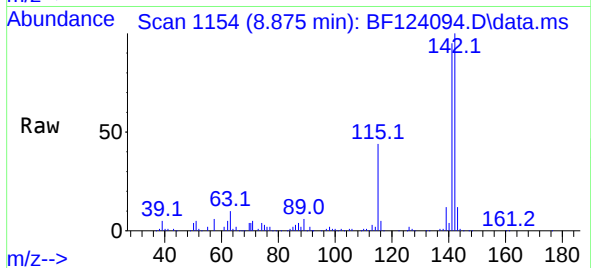




#37
2-Methylnaphthalene
Concen: 28.29 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

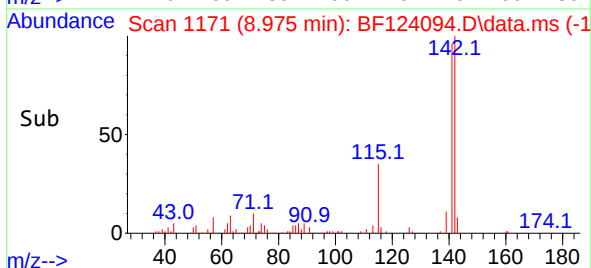
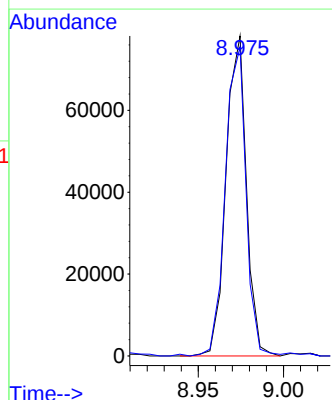
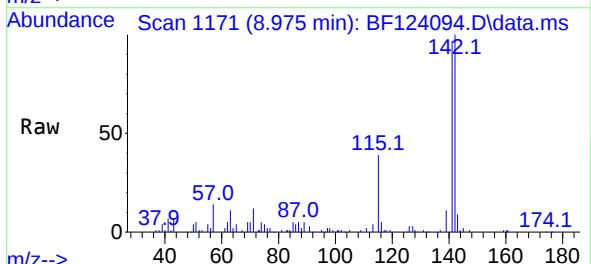
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

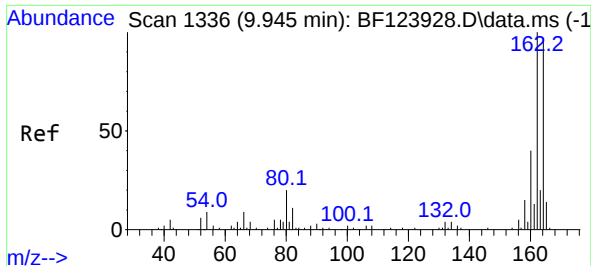
Tgt Ion:142 Resp: 149548
Ion Ratio Lower Upper
142 100
141 95.3 71.8 107.6



#38
1-Methylnaphthalene
Concen: 13.14 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:142 Resp: 64825
Ion Ratio Lower Upper
142 100
141 96.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

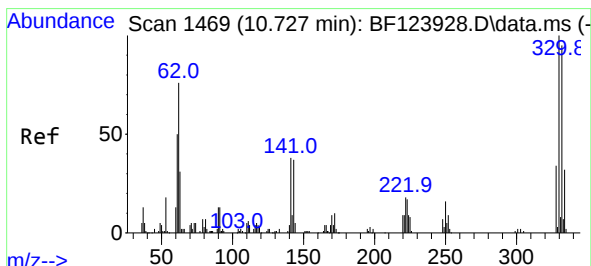
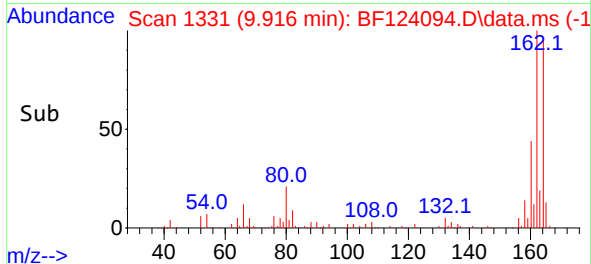
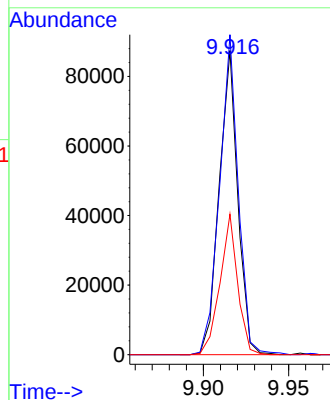
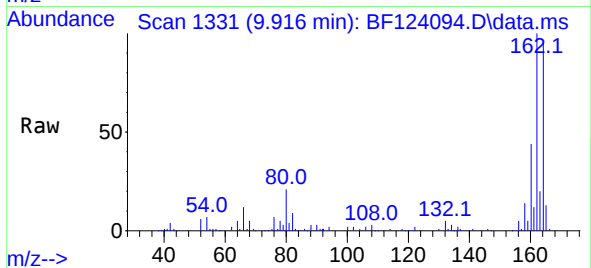
Tgt Ion:164 Resp: 66362

Ion Ratio Lower Upper

164 100

162 105.2 80.7 121.1

160 46.2 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 13.67 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

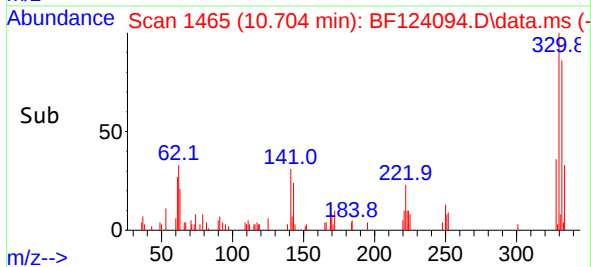
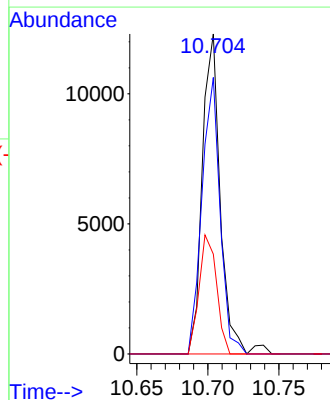
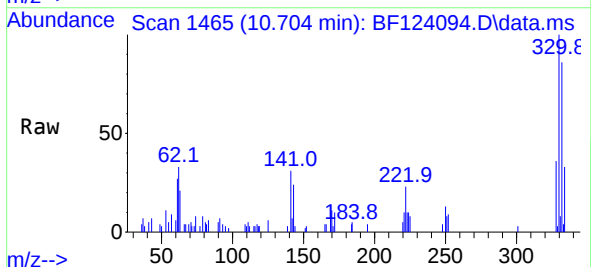
Tgt Ion:330 Resp: 10898

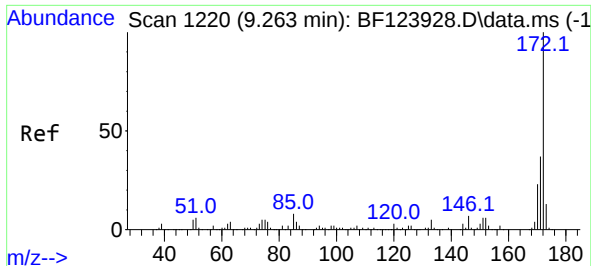
Ion Ratio Lower Upper

330 100

332 86.7 77.1 115.7

141 36.0 27.9 41.9



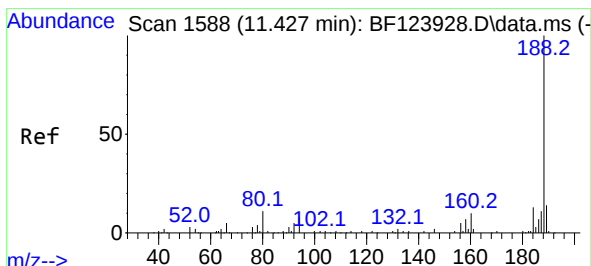
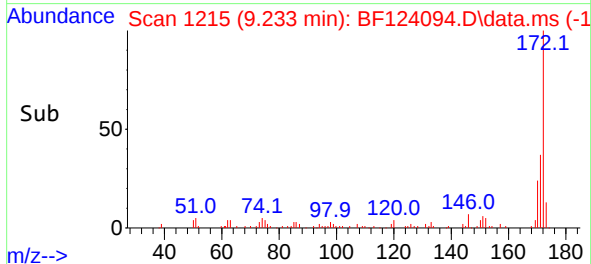
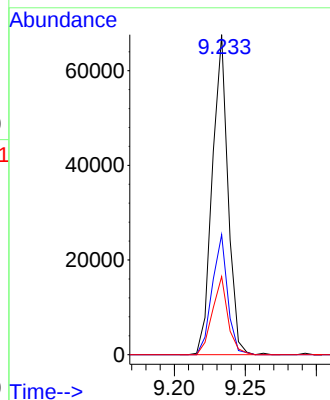
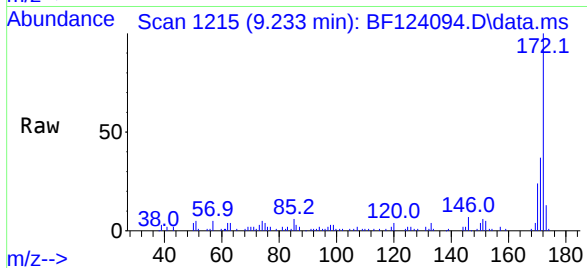


#45
2-Fluorobiphenyl
Concen: 9.60 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

Tgt Ion:172 Resp: 51761

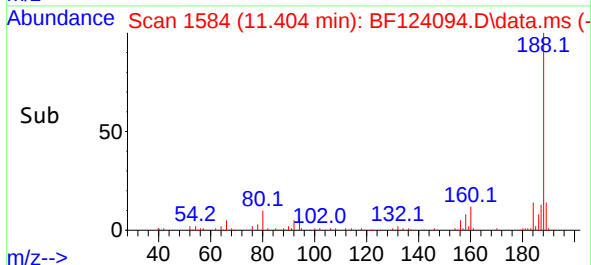
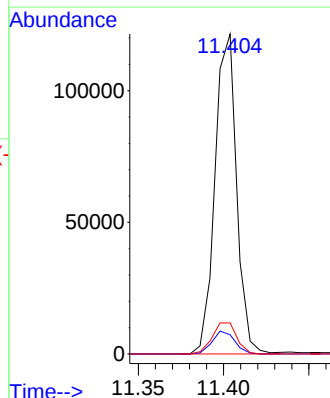
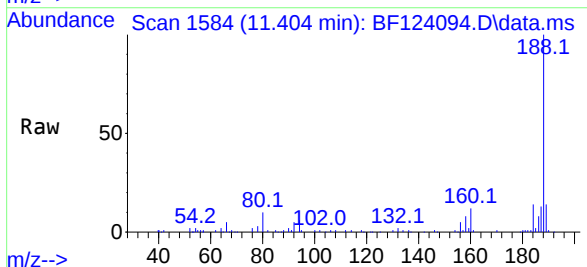
Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.1	42.1
170	24.4	19.2	28.8

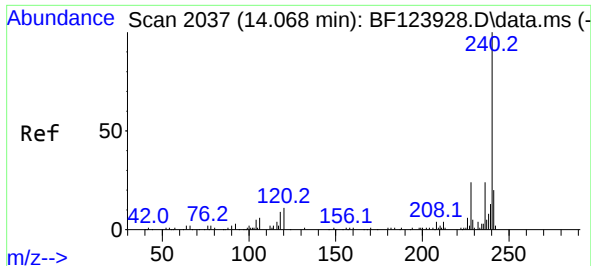


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:188 Resp: 107303

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	9.7	8.2	12.2

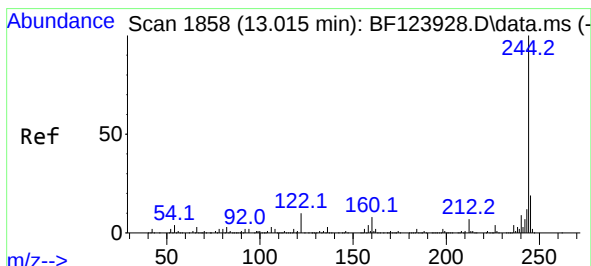
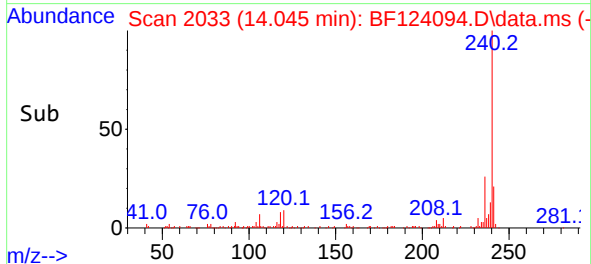
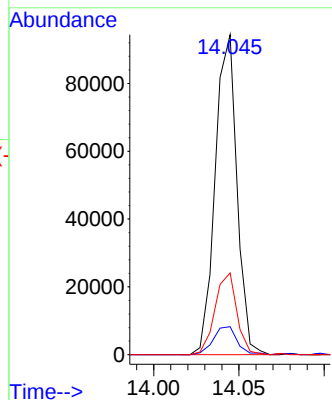
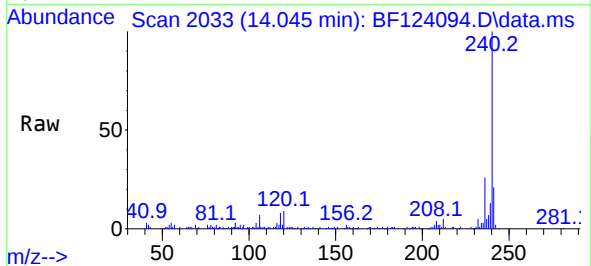




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

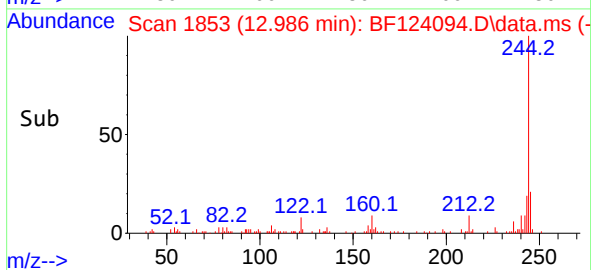
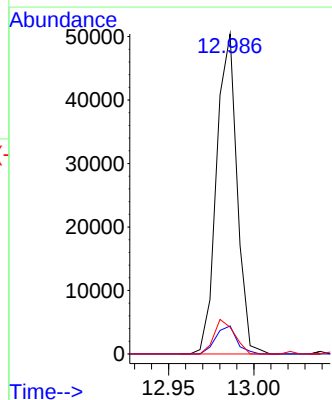
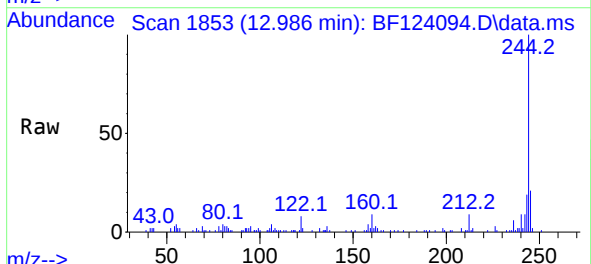
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

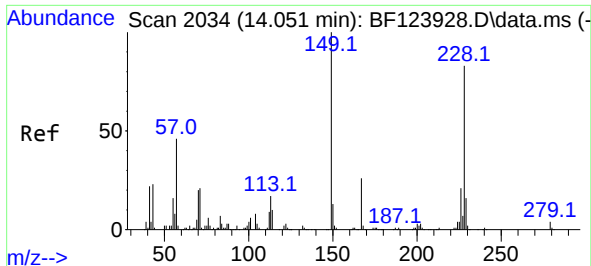
Tgt Ion:240 Resp: 83791
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 25.5 19.0 28.4



#79
Terphenyl-d14
Concen: 7.63 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:244 Resp: 42187
Ion Ratio Lower Upper
244 100
212 8.8 5.7 8.5#
122 8.3 9.7 14.5#

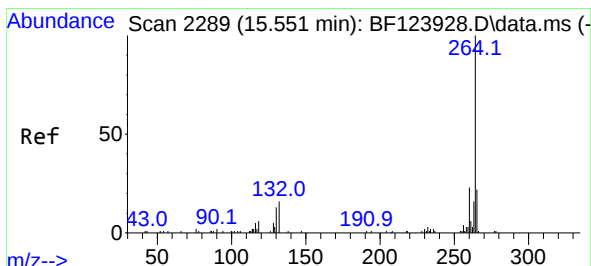
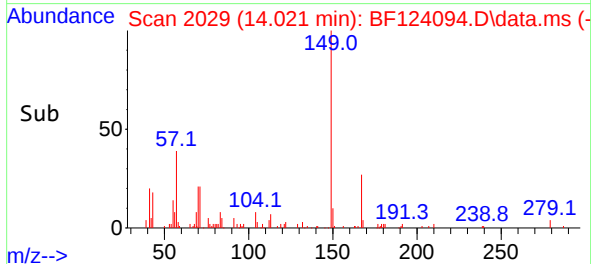
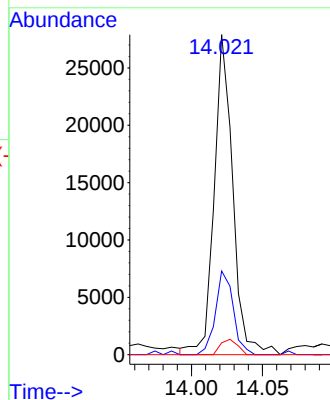
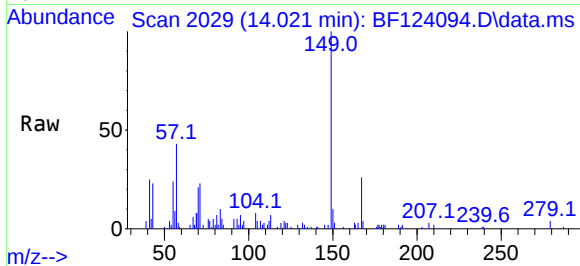




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.18 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

Tgt Ion:	149	Resp:	25424
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.6
279	3.7	3.3	4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:	264	Resp:	99885
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	19.1	17.8	26.8

