

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123691.D
 Acq On : 22 Apr 2021 14:28
 Operator : JU/CG
 Sample : M1998-11DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5BDL

Quant Time: Apr 22 15:33:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

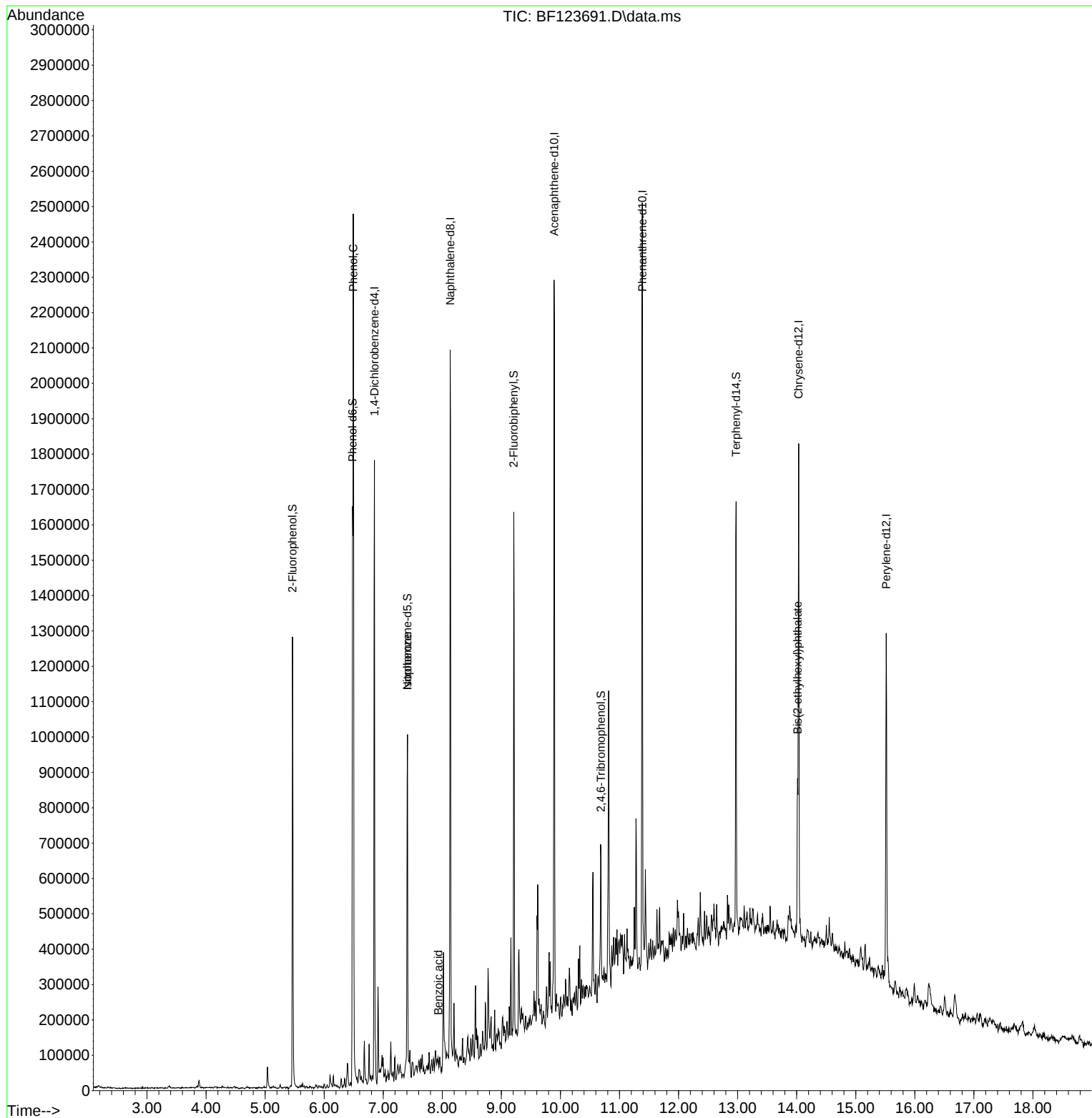
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	220657	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	837368	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	408402	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	747669	20.00	ng	0.00
76) Chrysene-d12	14.033	240	466089	20.00	ng	0.00
86) Perylene-d12	15.515	264	457234	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	287811	21.08	ng	0.00
7) Phenol-d6	6.481	99	425346	22.48	ng	-0.01
23) Nitrobenzene-d5	7.410	82	284442	15.62	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	48784	10.55	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	424134	15.48	ng	0.00
79) Terphenyl-d14	12.974	244	381024	15.89	ng	0.00
Target Compounds						
10) Phenol	6.492	94	605869	30.16	ng	Qvalue 96
25) Isophorone	7.410	82	278768	7.89	ng	# 70
32) Benzoic acid	7.933	122	1852	4.75	ng	# 31
84) Bis(2-ethylhexyl)phtha...	14.015	149	105623	4.97	ng	99
89) Benzo(k)fluoranthene	15.080	252	25202	Below Cal	#	59
92) Benzo(g,h,i)perylene	17.445	276	12539	Below Cal	#	73

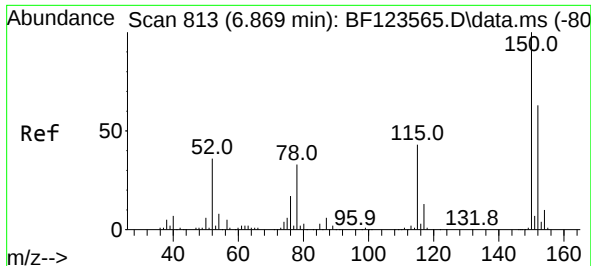
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

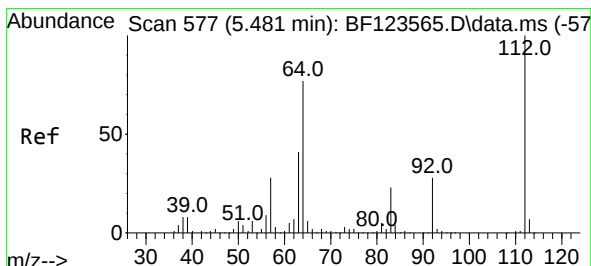
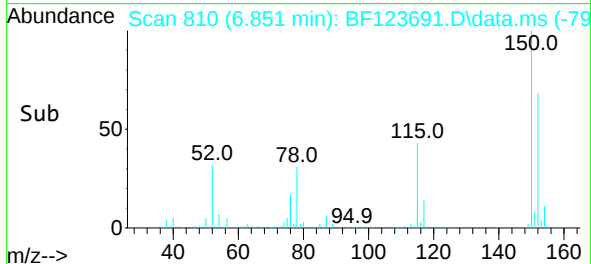
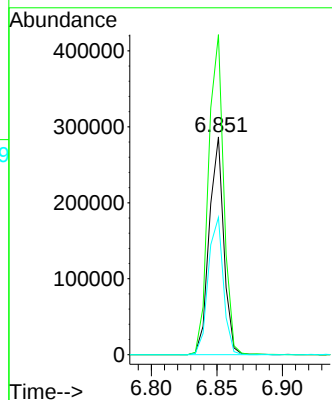
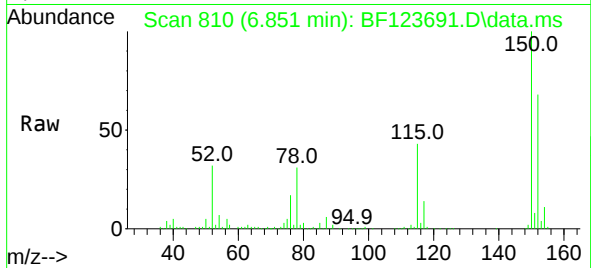




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

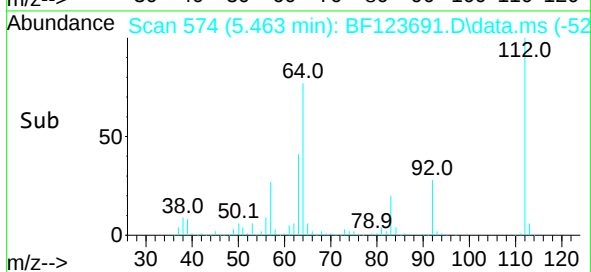
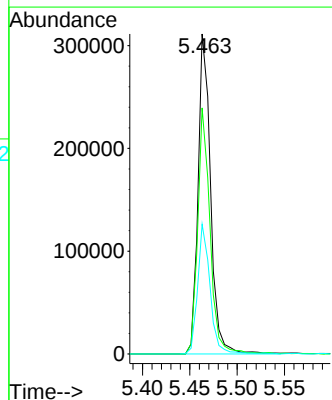
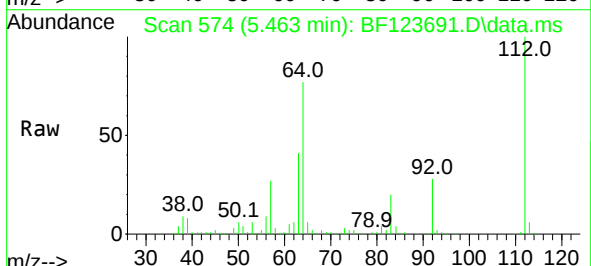
Instrument :
BNA_F
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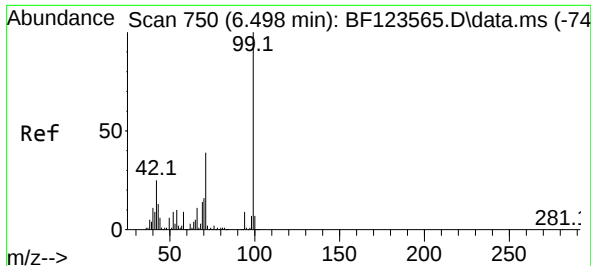
Tgt Ion:152 Resp: 220657
Ion Ratio Lower Upper
152 100
150 147.0 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 21.08 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Tgt Ion:112 Resp: 287811
Ion Ratio Lower Upper
112 100
64 76.9 61.4 92.0
63 40.5 33.0 49.4

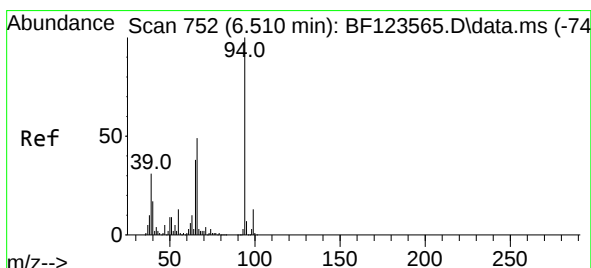
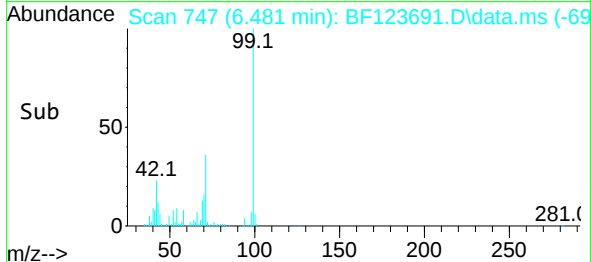
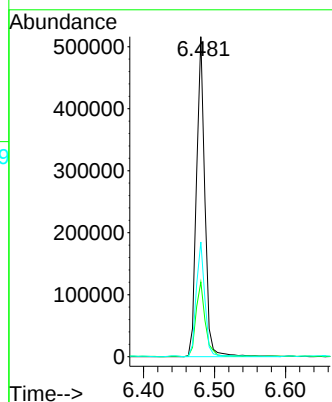
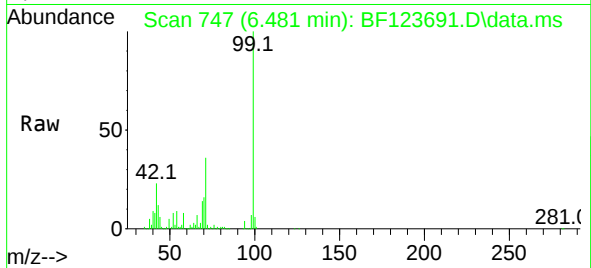




#7
Phenol-d6
Concen: 22.48 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

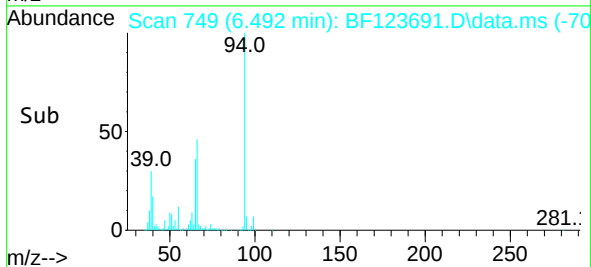
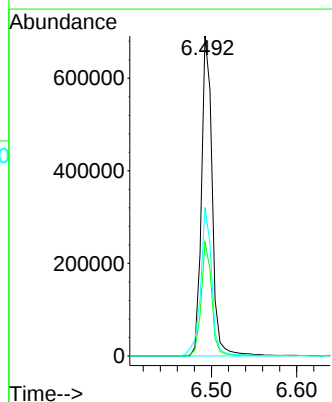
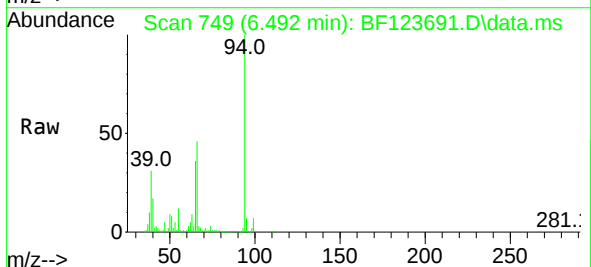
Instrument :
BNA_F
ClientSampleId :
SB-5BDL

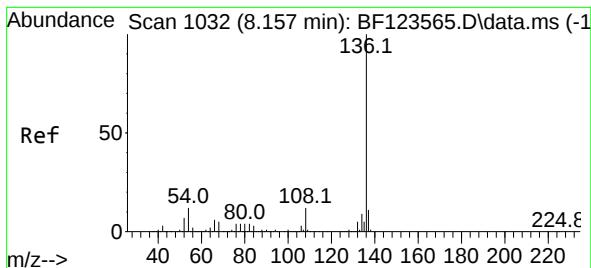
Tgt Ion: 99 Resp: 425346
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.8
71 35.9 31.1 46.7



#10
Phenol
Concen: 30.16 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Tgt Ion: 94 Resp: 605869
Ion Ratio Lower Upper
94 100
65 35.5 18.1 58.1
66 46.4 29.0 69.0

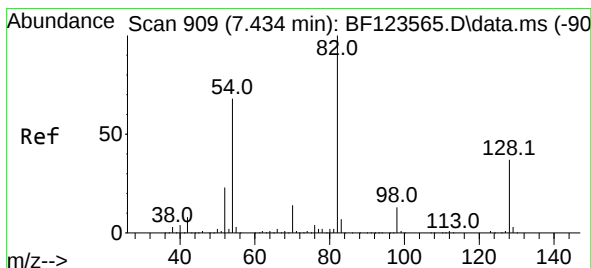
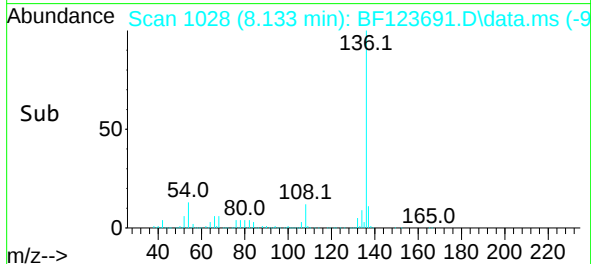
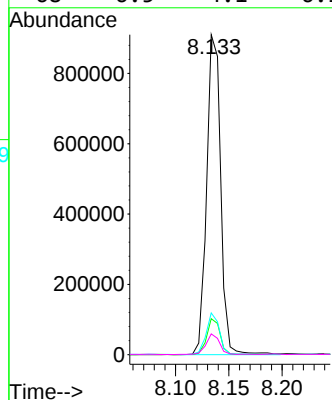
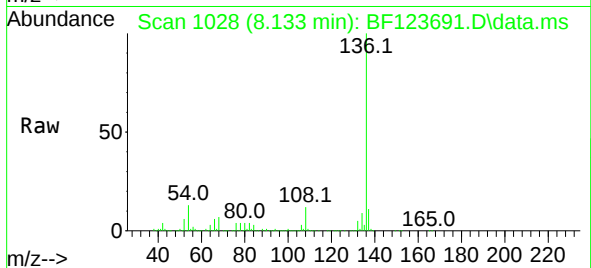




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

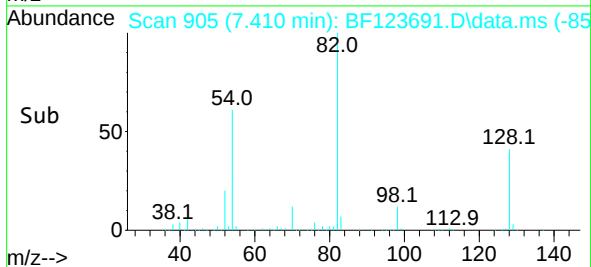
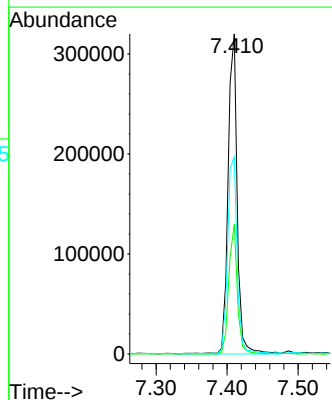
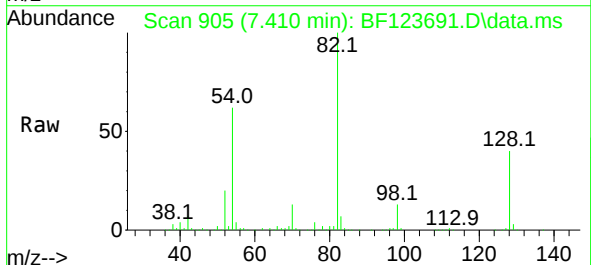
Instrument :
BNA_F
ClientSampleId :
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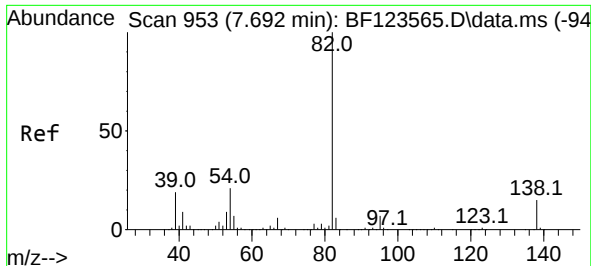
Tgt Ion:136 Resp: 837368
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 13.1 9.8 14.6
68 6.5 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 15.62 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Tgt Ion: 82 Resp: 284442
Ion Ratio Lower Upper
82 100
128 40.5 29.4 44.2
54 61.6 54.1 81.1

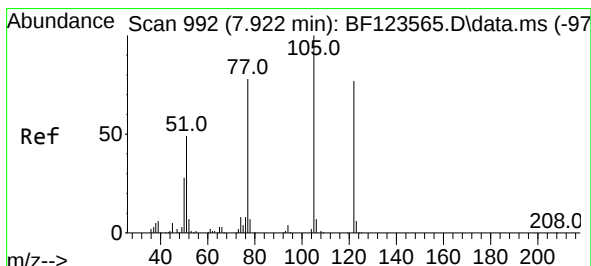
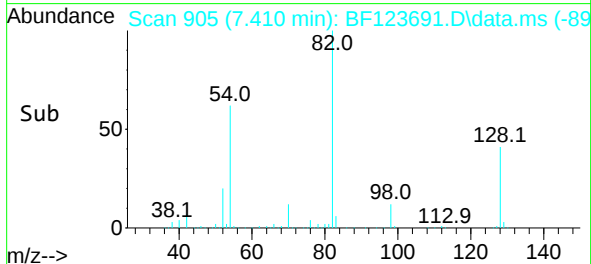
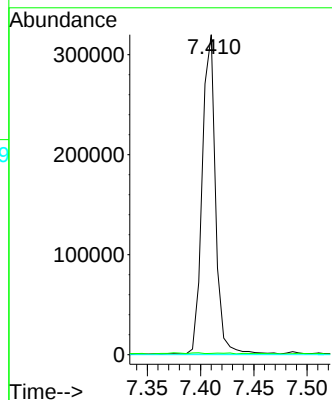
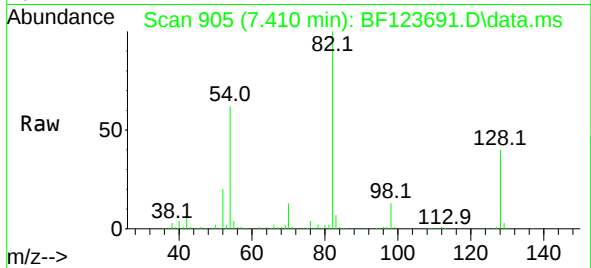




#25
Isophorone
Concen: 7.89 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

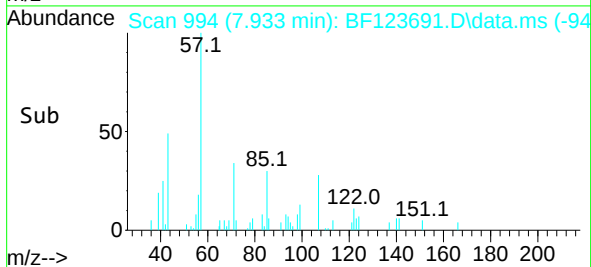
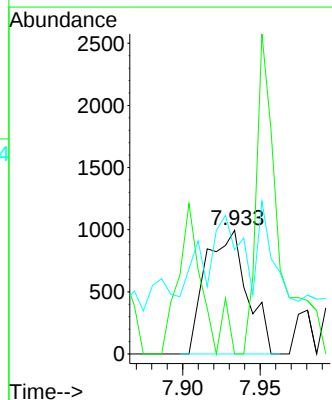
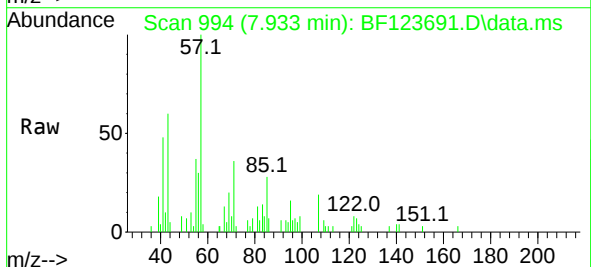
Instrument :
BNA_F
ClientSampleID :
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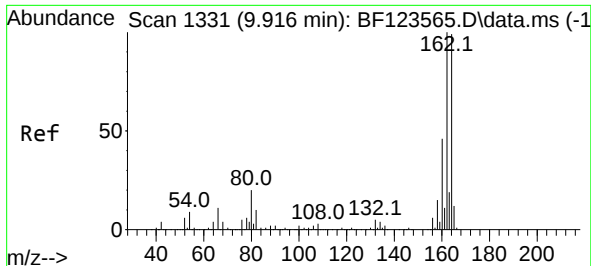
Tgt Ion: 82 Resp: 278768
Ion Ratio Lower Upper
82 100
95 0.4 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.75 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Tgt Ion:122 Resp: 1852
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 84.3 81.6 121.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF123691.D

Acq: 22 Apr 2021 14:28

Instrument :

BNA_F

ClientSampleId :

SB-5BDL

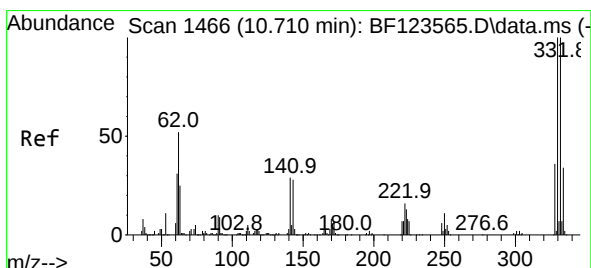
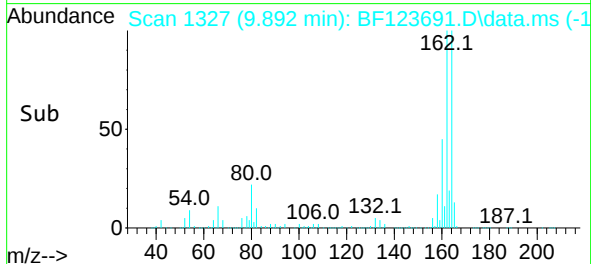
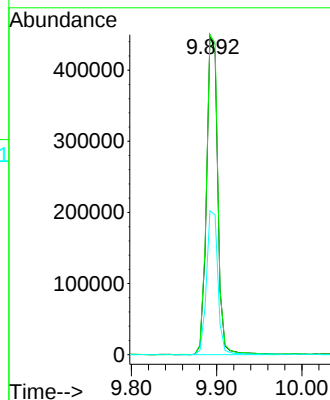
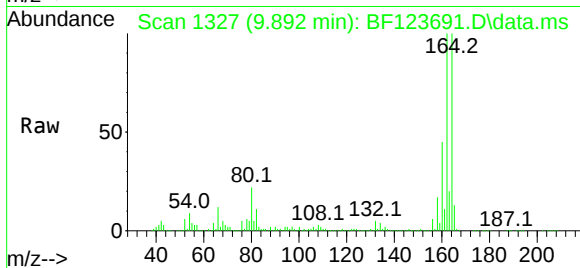
Tgt Ion:164 Resp: 408402

Ion Ratio Lower Upper

164 100

162 100.2 80.7 121.1

160 45.0 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 10.55 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF123691.D

Acq: 22 Apr 2021 14:28

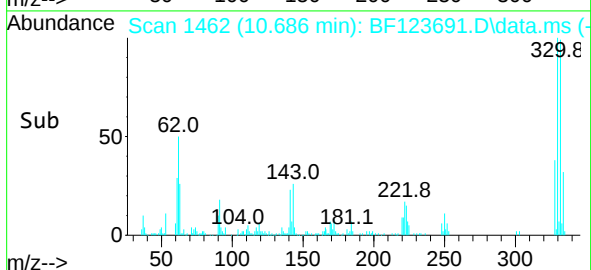
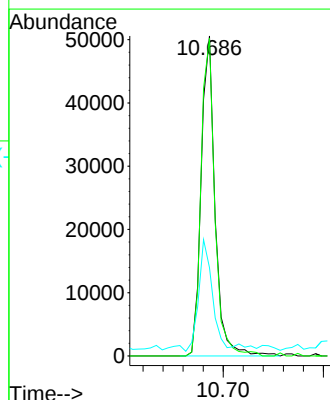
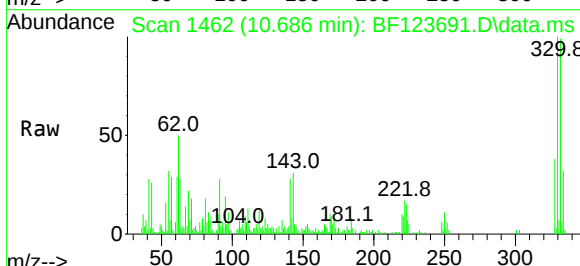
Tgt Ion:330 Resp: 48784

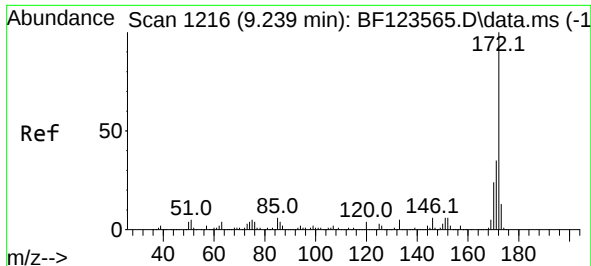
Ion Ratio Lower Upper

330 100

332 98.6 77.1 115.7

141 34.7 27.9 41.9

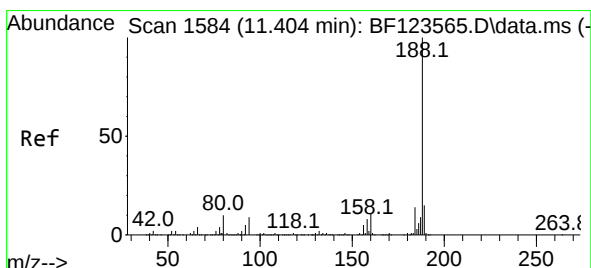
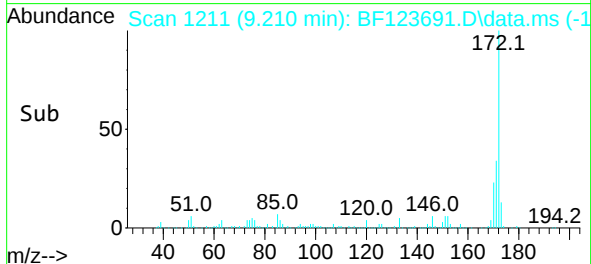
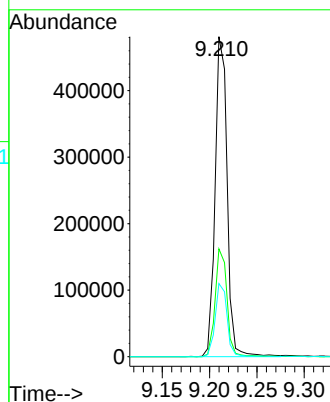
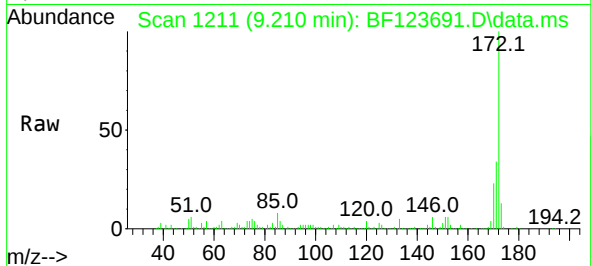




#45
2-Fluorobiphenyl
Concen: 15.48 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

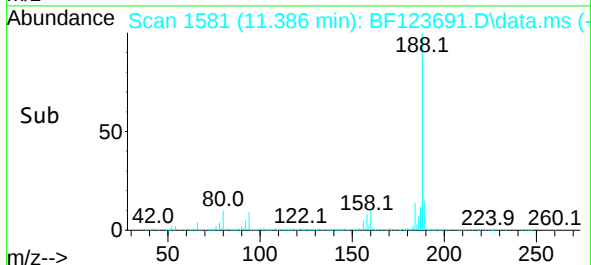
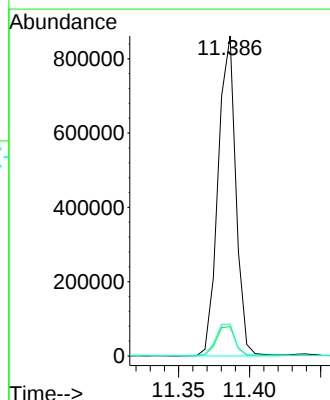
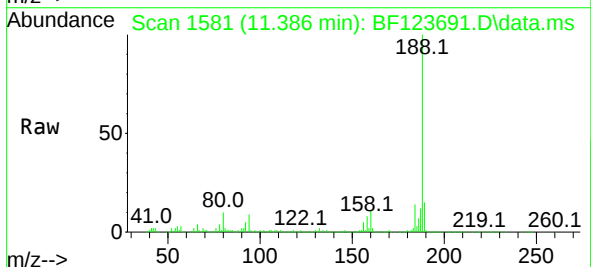
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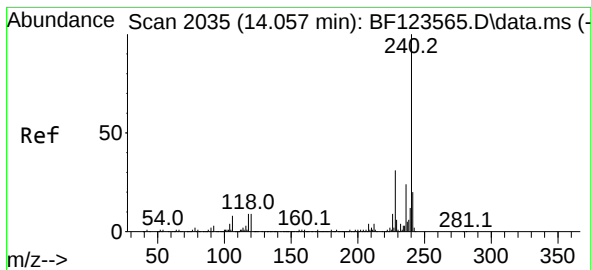
Tgt Ion:172 Resp: 424134
Ion Ratio Lower Upper
172 100
171 33.7 28.1 42.1
170 22.8 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Tgt Ion:188 Resp: 747669
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 9.9 8.2 12.2

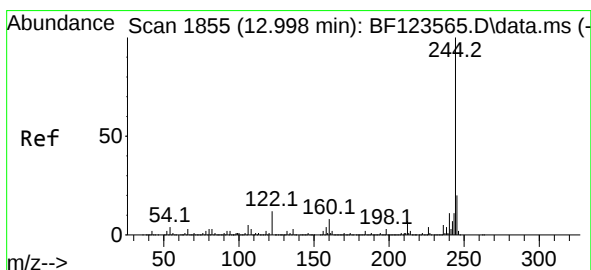
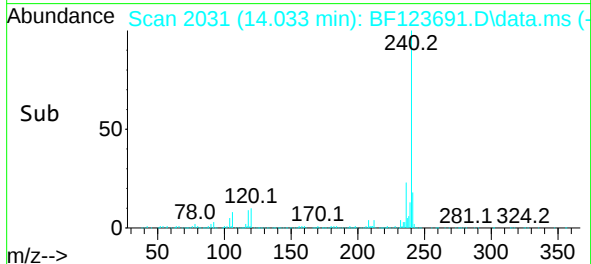
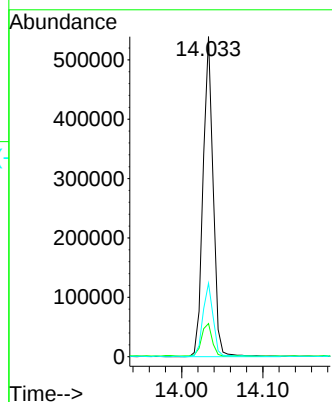
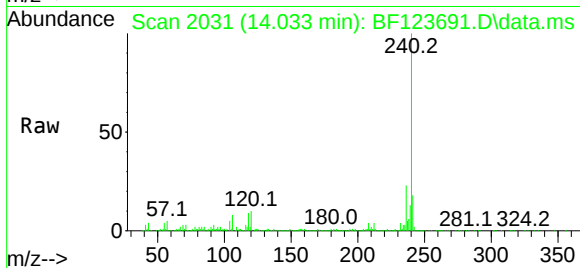




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

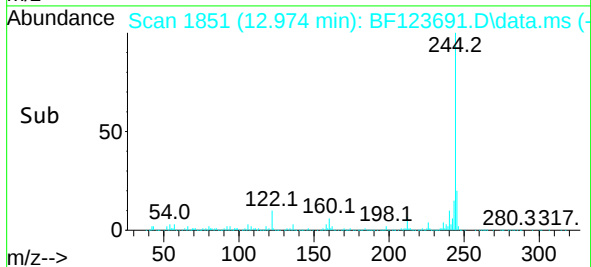
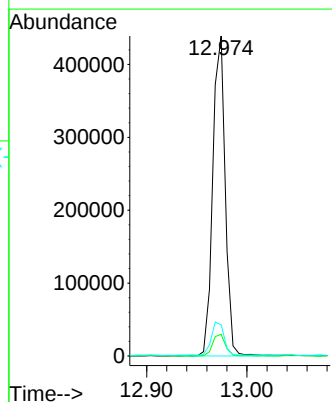
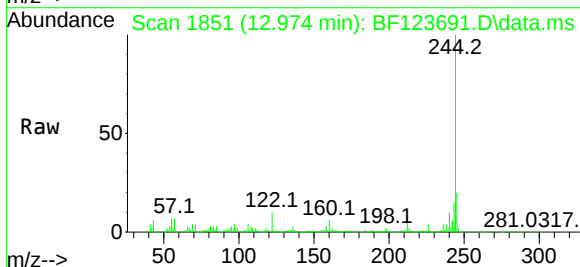
Instrument :
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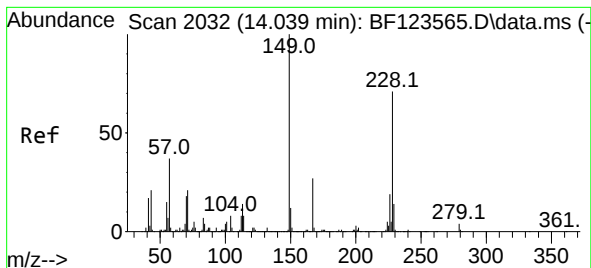
Tgt Ion:240 Resp: 466089
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 23.0 19.0 28.4



#79
Terphenyl-d14
Concen: 15.89 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Tgt Ion:244 Resp: 381024
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.8 9.7 14.5

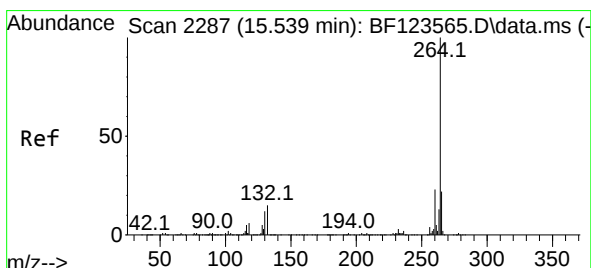
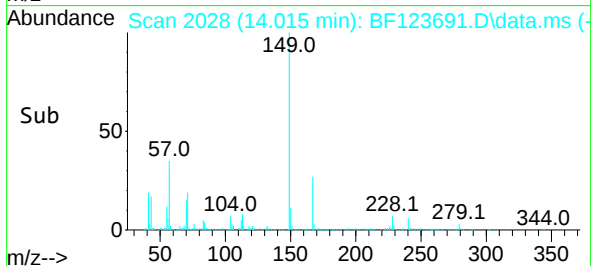
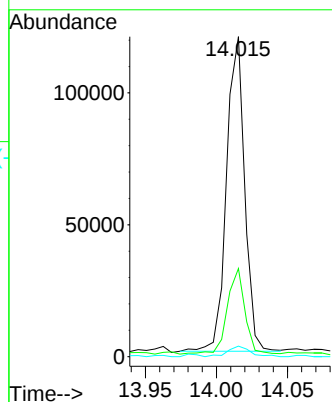
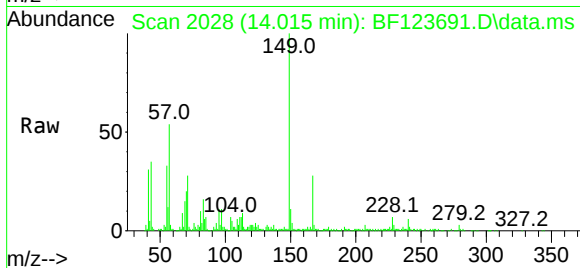




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.97 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Instrument :
BNA_F
ClientSampleId :
SB-5BDL

Tgt Ion:149 Resp: 105623
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 3.3 3.3 4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF123691.D
Acq: 22 Apr 2021 14:28

Tgt Ion:264 Resp: 457234
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.2 17.8 26.8

