

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126509.D
 Acq On : 5 Jan 2022 21:52
 Operator : JU/CG
 Sample : M5251-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2D

Quant Time: Jan 06 01:12:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

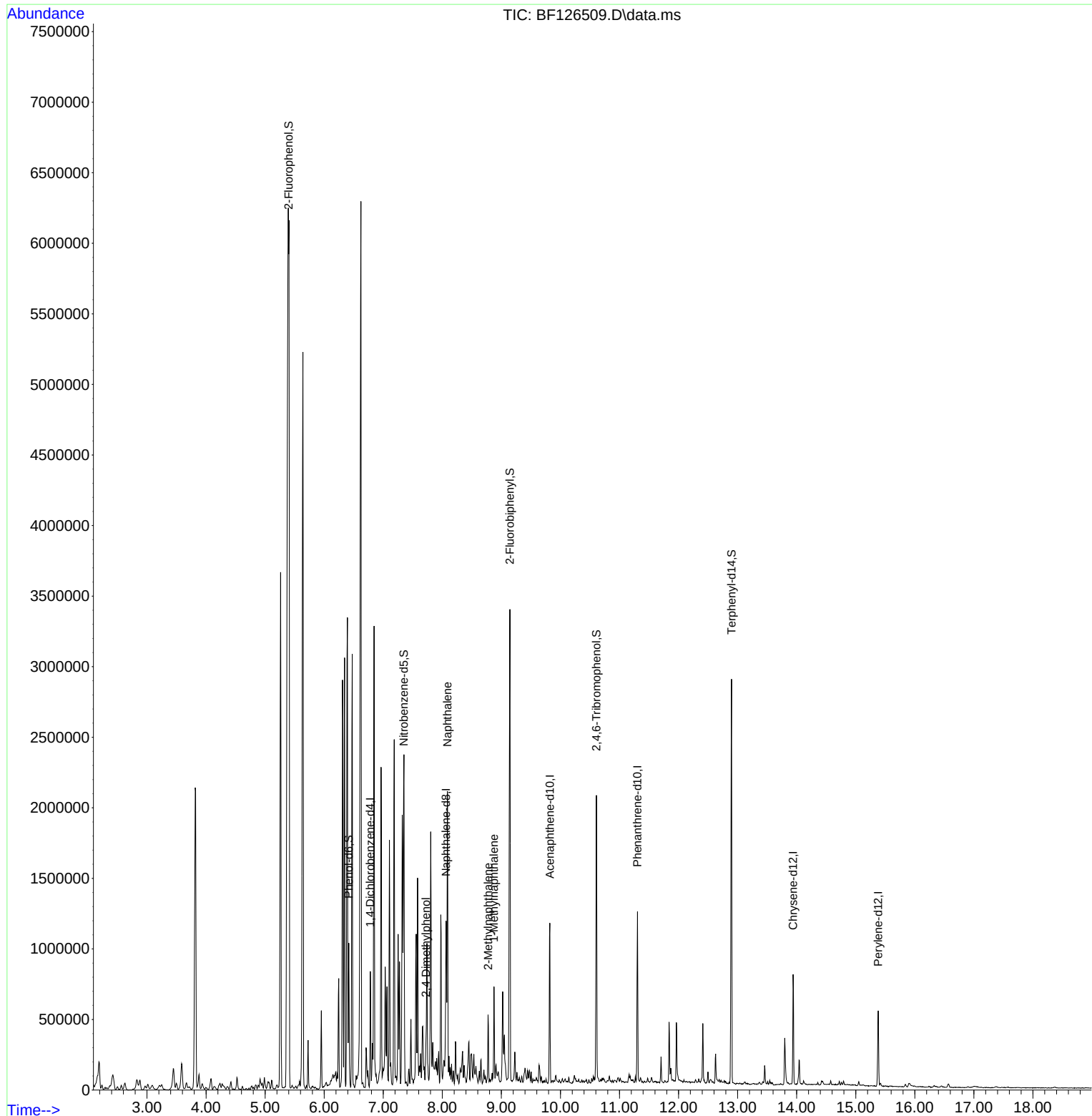
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	114403	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	480195	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	234553	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	389909	20.000	ng	0.00
76) Chrysene-d12	13.939	240	248451	20.000	ng	-0.01
86) Perylene-d12	15.380	264	206514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	247071	31.014	ng	0.00
7) Phenol-d6	6.416	99	385058	37.318	ng	0.00
23) Nitrobenzene-d5	7.345	82	754047	80.629	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	252437	139.276	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1042183	78.189	ng	0.00
79) Terphenyl-d14	12.898	244	1026889	80.305	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.722	122	30197	4.655	ng	99
31) Naphthalene	8.086	128	786313	34.693	ng	99
37) 2-Methylnaphthalene	8.775	142	128684	9.624	ng	99
38) 1-Methylnaphthalene	8.875	142	157654	12.196	ng	98

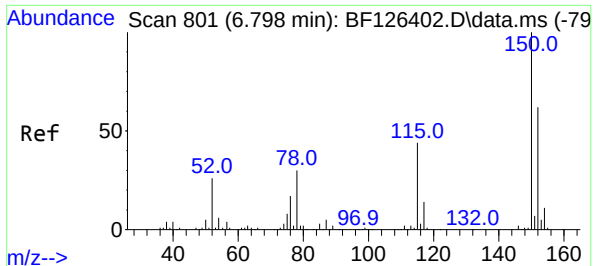
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 06 01:12:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

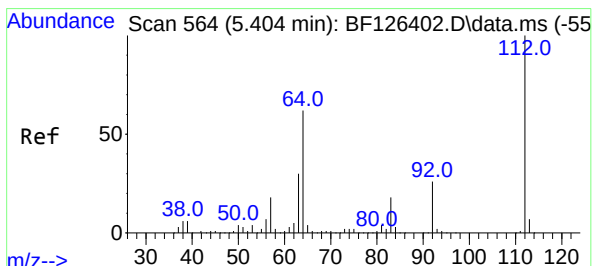
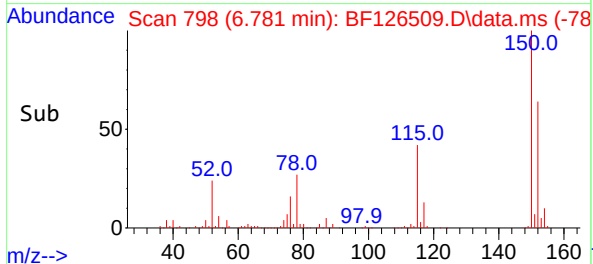
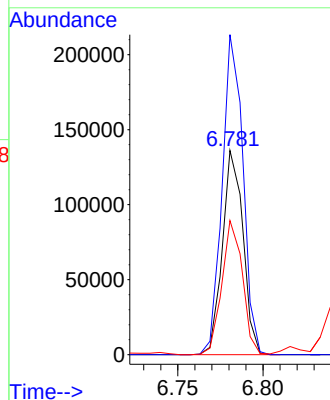
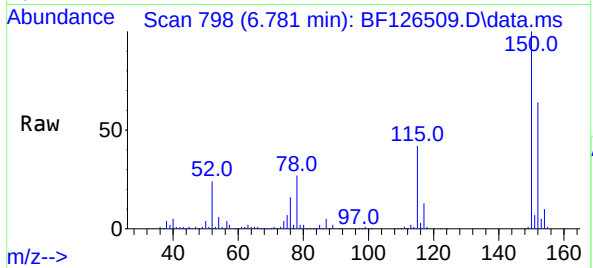




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

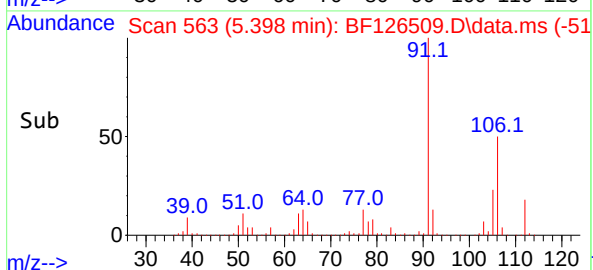
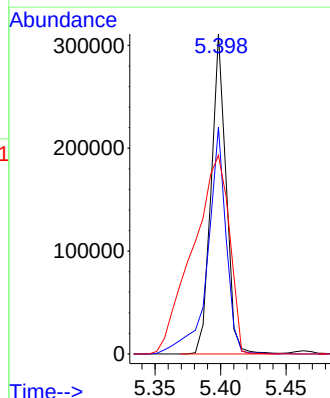
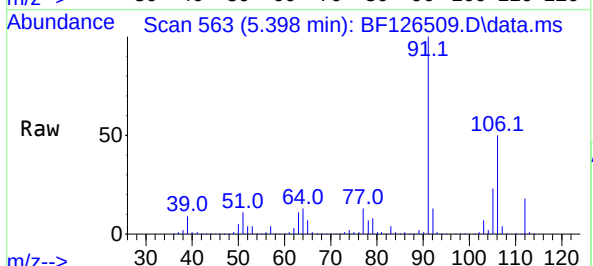
Instrument :
BNA_F
ClientSampleId :
MW-2D

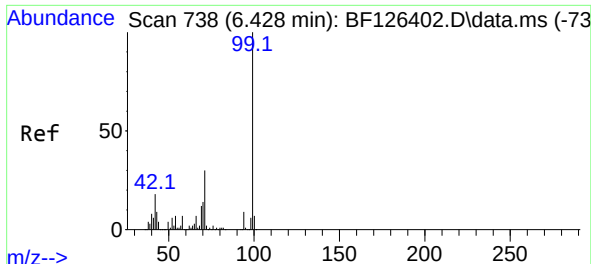
Tgt Ion:152 Resp: 114403
Ion Ratio Lower Upper
152 100
150 156.7 128.1 192.1
115 65.6 56.7 85.1



#5
2-Fluorophenol
Concen: 31.014 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:112 Resp: 247071
Ion Ratio Lower Upper
112 100
64 70.9 49.5 74.3
63 62.0 23.9 35.9#

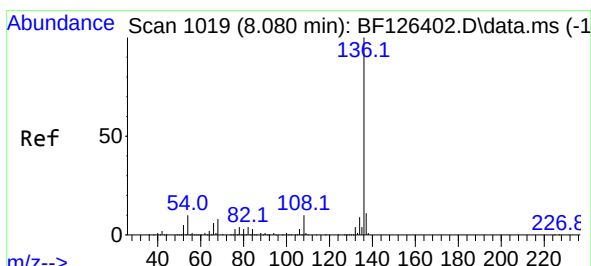
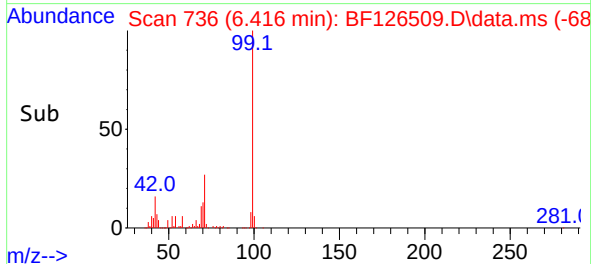
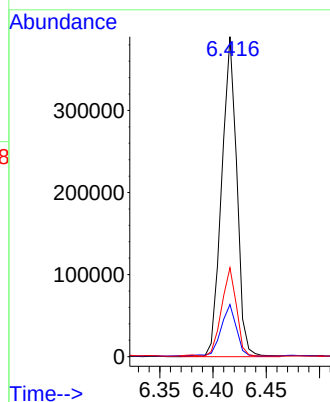
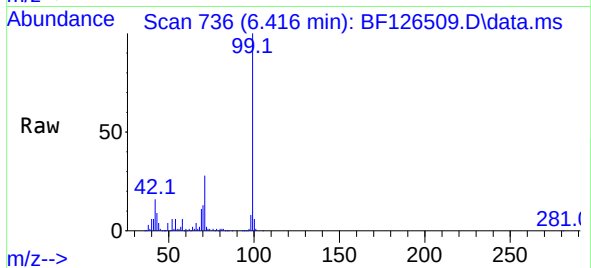




#7
Phenol-d6
Concen: 37.318 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

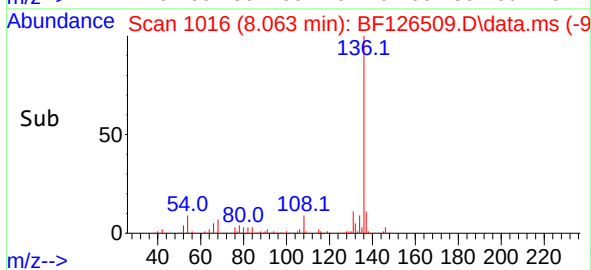
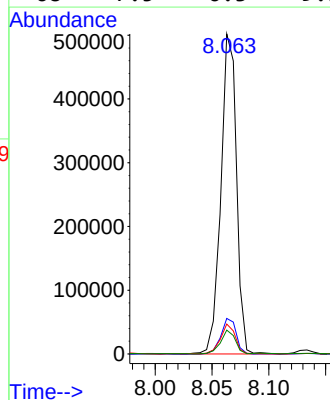
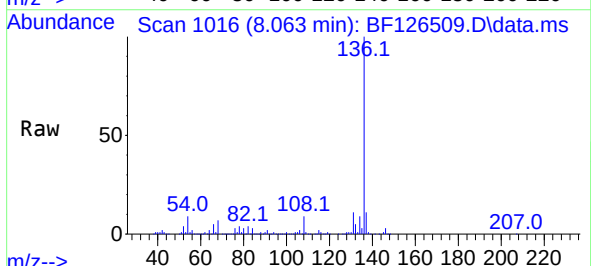
Instrument :
BNA_F
ClientSampleId :
MW-2D

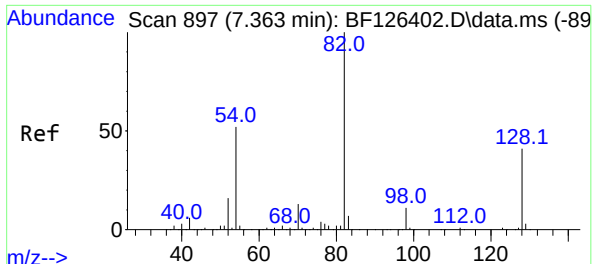
Tgt Ion: 99 Resp: 385058
Ion Ratio Lower Upper
99 100
42 16.3 14.2 21.4
71 27.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion: 136 Resp: 480195
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 7.8 11.6
68 7.5 6.3 9.5

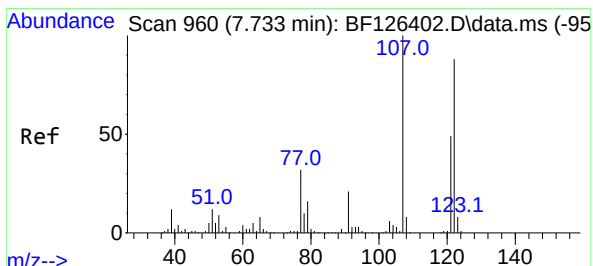
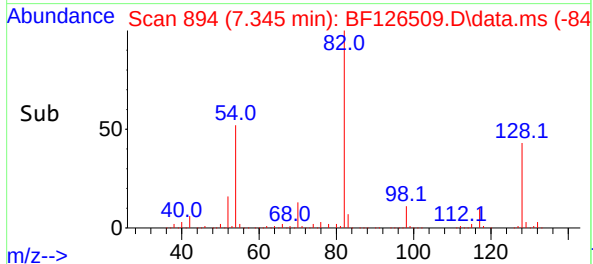
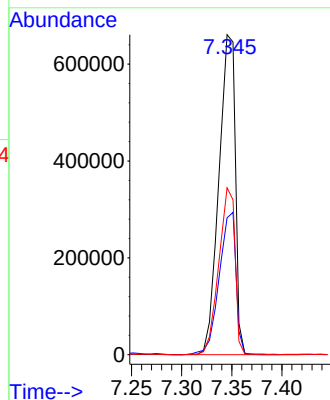
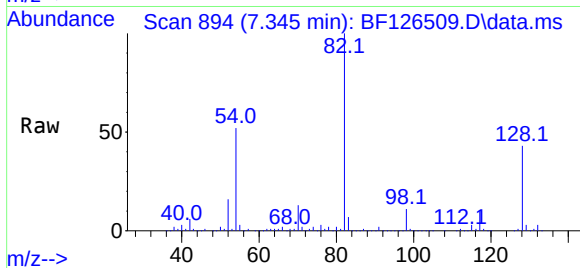




#23
Nitrobenzene-d5
Concen: 80.629 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

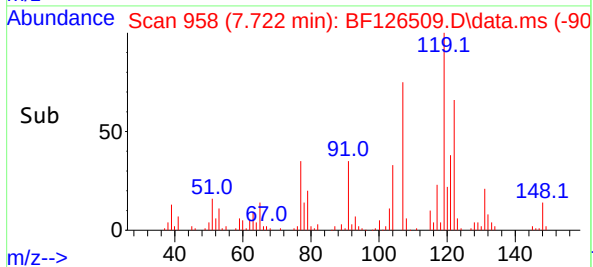
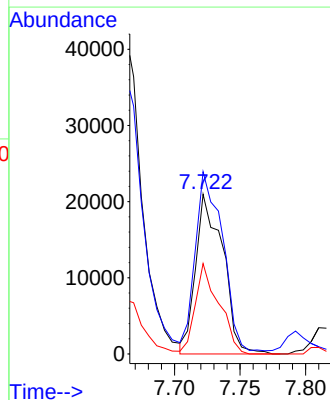
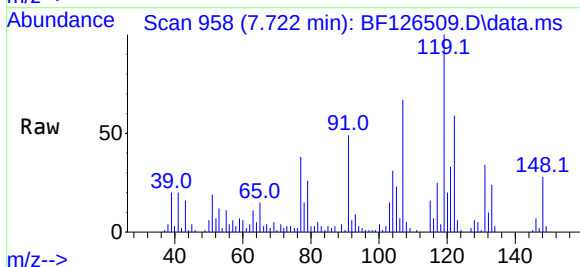
Instrument :
BNA_F
ClientSampleId :
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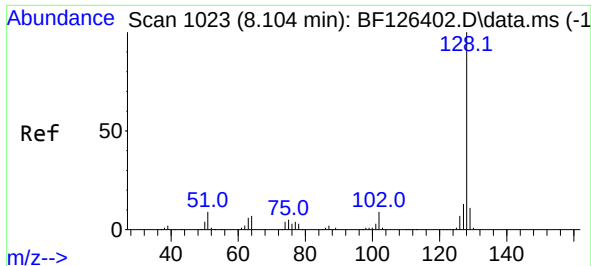
Tgt Ion: 82 Resp: 754047
Ion Ratio Lower Upper
82 100
128 42.7 32.7 49.1
54 52.2 41.7 62.5



#27
2,4-Dimethylphenol
Concen: 4.655 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:122 Resp: 30197
Ion Ratio Lower Upper
122 100
107 114.2 91.2 136.8
121 56.7 44.4 66.6

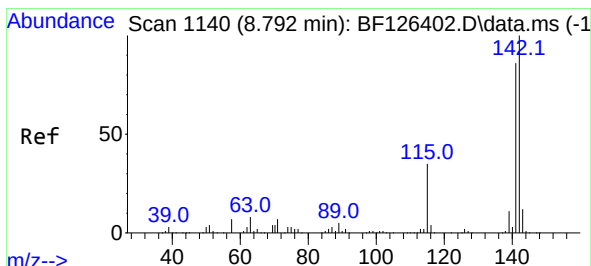
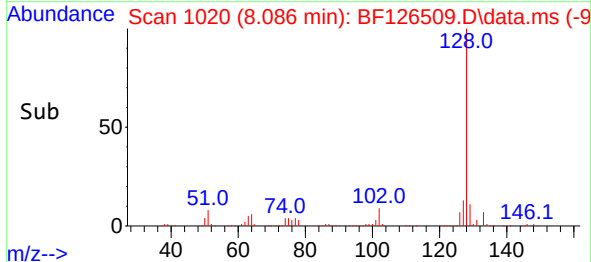
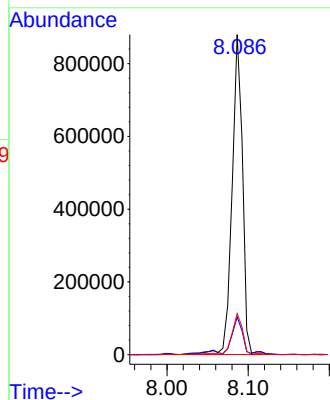
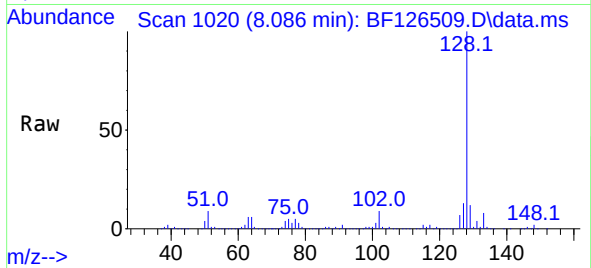




#31
Naphthalene
Concen: 34.693 ng
RT: 8.086 min Scan# 110
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

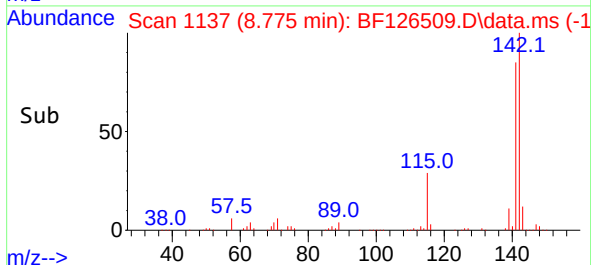
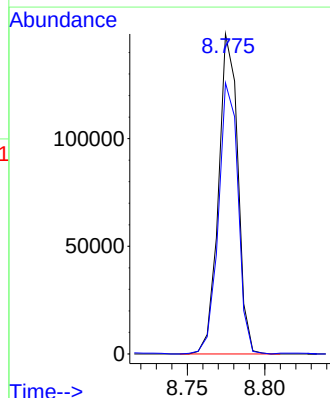
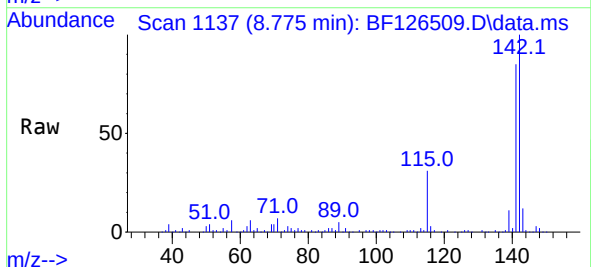
Instrument :
BNA_F
ClientSampleId :
MW-2D

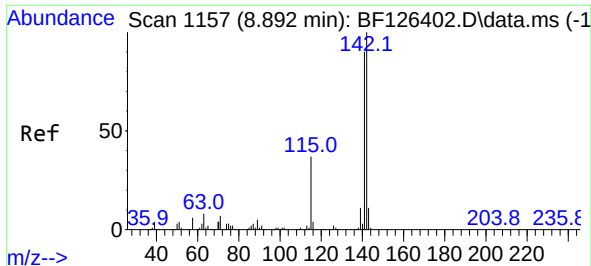
Tgt Ion:128 Resp: 786313
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 12.8 10.3 15.5



#37
2-Methylnaphthalene
Concen: 9.624 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:142 Resp: 128684
Ion Ratio Lower Upper
142 100
141 84.7 68.6 102.8

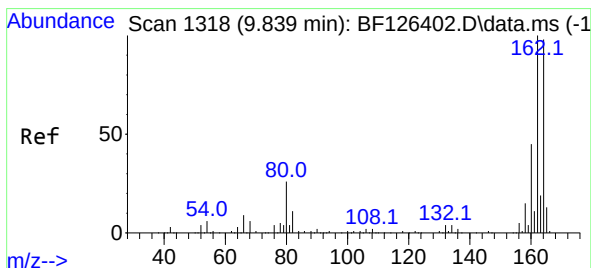
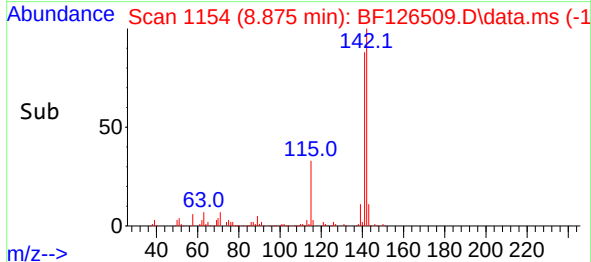
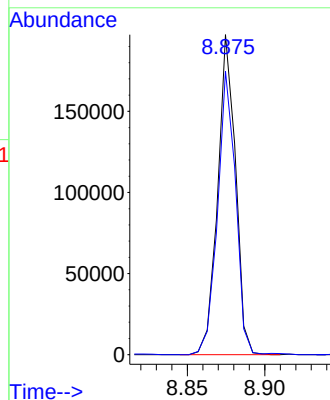
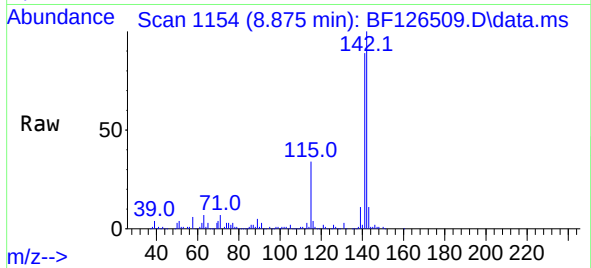




#38
1-Methylnaphthalene
Concen: 12.196 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

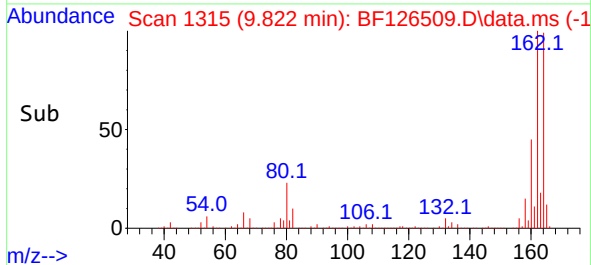
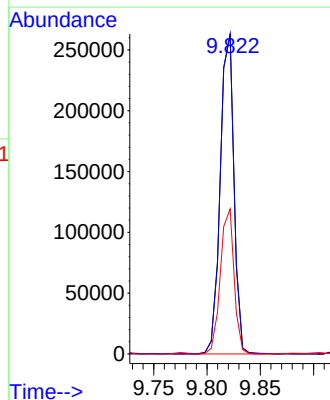
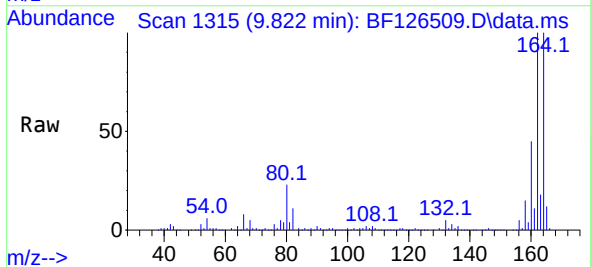
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ClientSampleId :
MW-2D

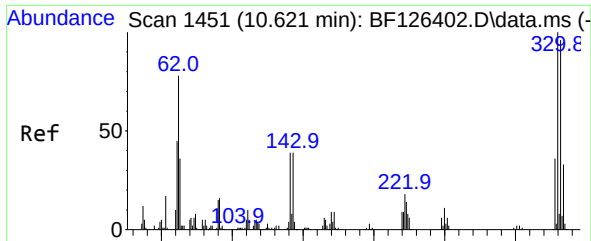
Tgt Ion:142 Resp: 157654
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

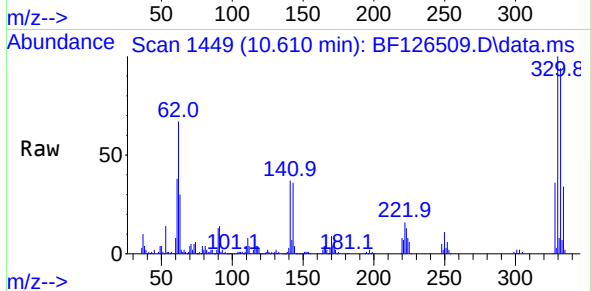
Tgt Ion:164 Resp: 234553
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 45.5 36.6 54.8



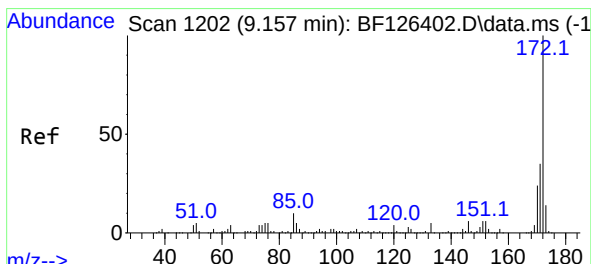
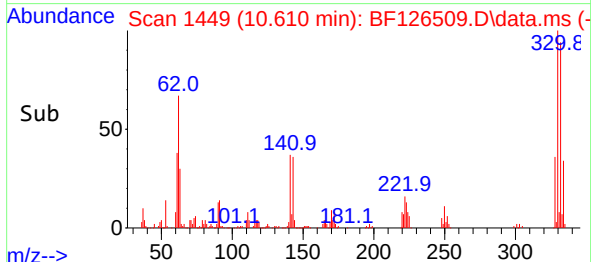
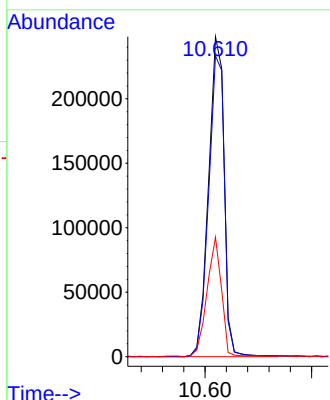


#42
2,4,6-Tribromophenol
Concen: 139.276 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Instrument :
BNA_F
ClientSampleId :
MW-2D

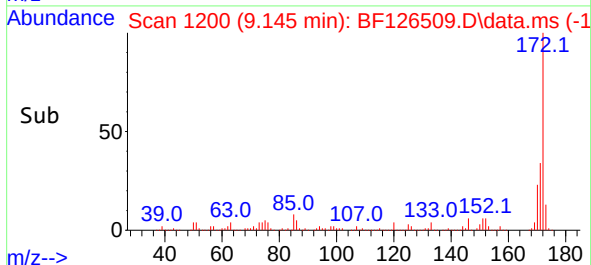
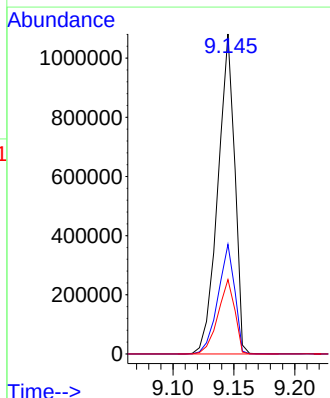
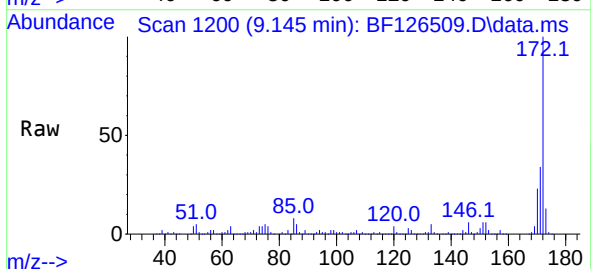


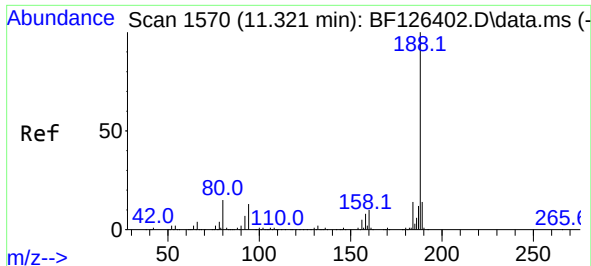
Tgt Ion:330 Resp: 252437
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 34.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 78.189 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:172 Resp: 1042183
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.3 19.0 28.6

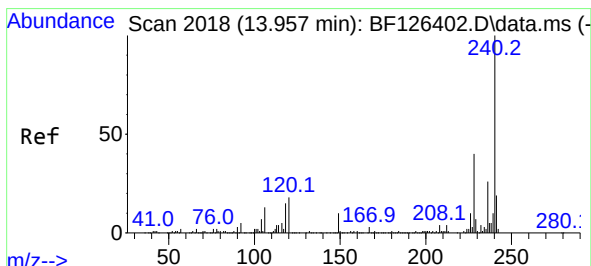
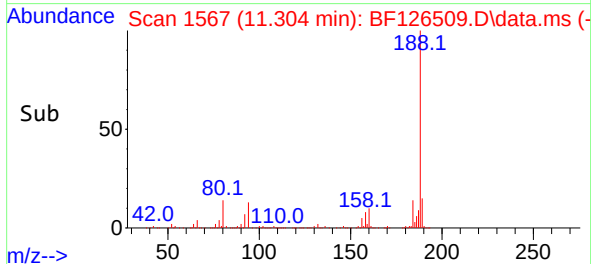
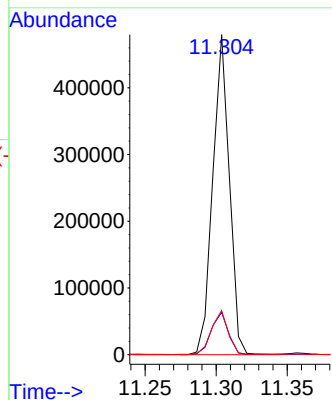
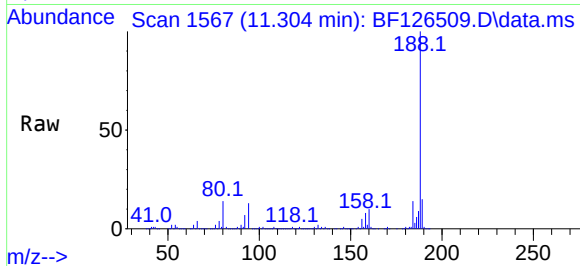




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

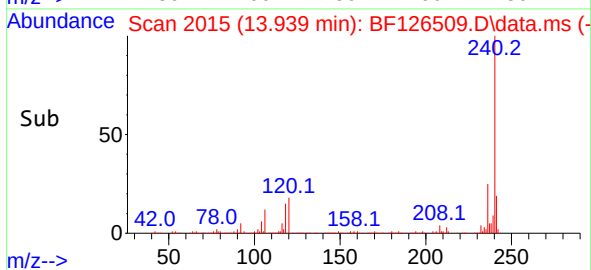
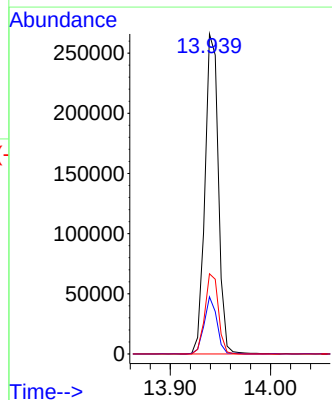
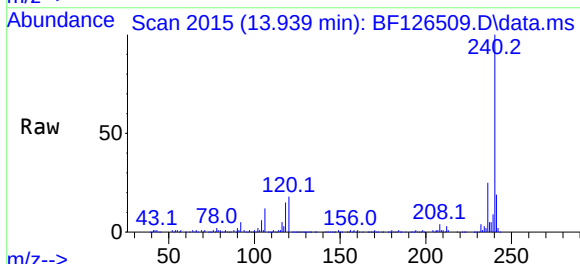
Instrument :
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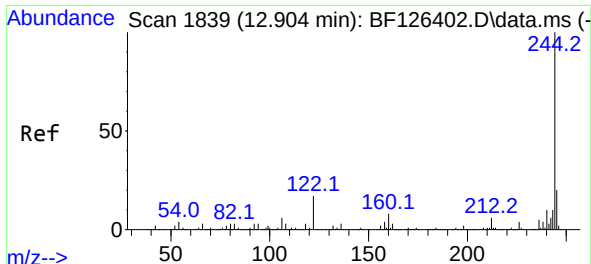
Tgt Ion:188 Resp: 389909
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 13.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:240 Resp: 248451
Ion Ratio Lower Upper
240 100
120 17.9 14.4 21.6
236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 80.305 ng

RT: 12.898 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126509.D

Acq: 5 Jan 2022 21:52

Instrument :

BNA_F

ClientSampleId :

MW-2D

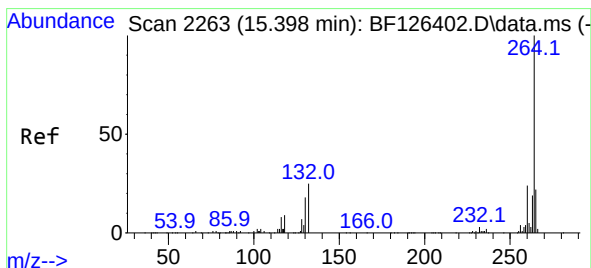
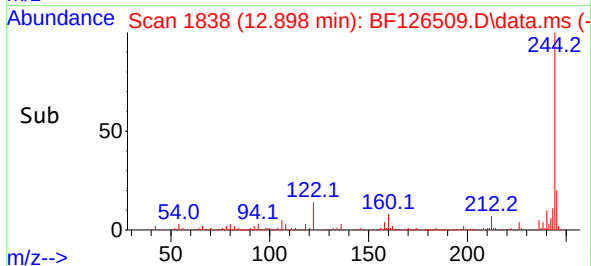
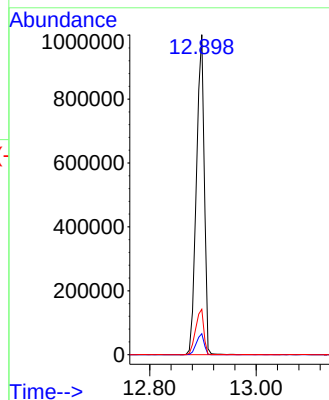
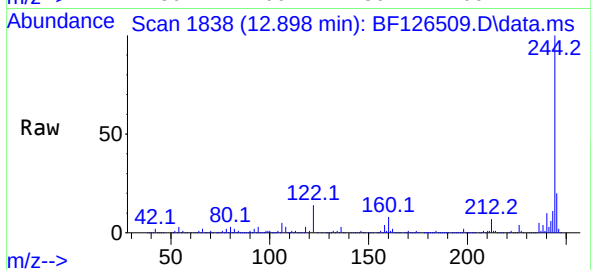
Tgt Ion:244 Resp: 1026889

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 14.2 13.3 19.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF126509.D

Acq: 5 Jan 2022 21:52

Tgt Ion:264 Resp: 206514

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 17.4 26.2

