

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127944.D
 Acq On : 27 Apr 2022 14:35
 Operator : CG\JU
 Sample : N2521-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: Apr 27 17:31:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

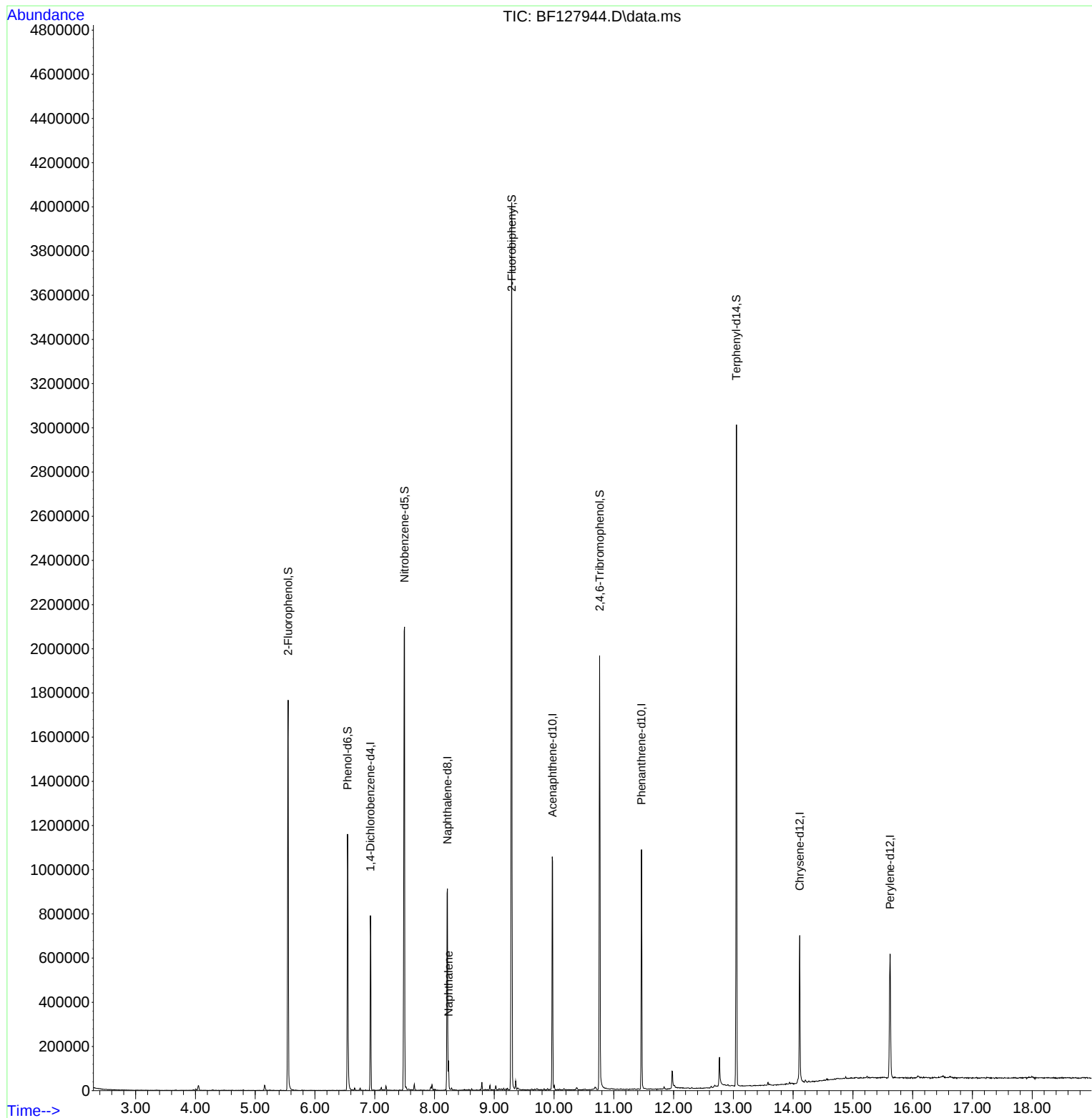
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	108429	20.000	ng	-0.02
21) Naphthalene-d8	8.216	136	420467	20.000	ng	-0.01
39) Acenaphthene-d10	9.975	164	231904	20.000	ng	-0.01
64) Phenanthrene-d10	11.463	188	370152	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	216708	20.000	ng	-0.02
86) Perylene-d12	15.621	264	266905	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	450233	66.138	ng	-0.01
7) Phenol-d6	6.546	99	373031	42.230	ng	-0.02
23) Nitrobenzene-d5	7.498	82	791162	88.482	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	224559	96.191	ng	-0.02
45) 2-Fluorobiphenyl	9.292	172	1225595	89.407	ng	-0.01
79) Terphenyl-d14	13.051	244	942407	79.519	ng	-0.01
Target Compounds						
31) Naphthalene	8.234	128	46508	2.172	ng	Qvalue 99

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

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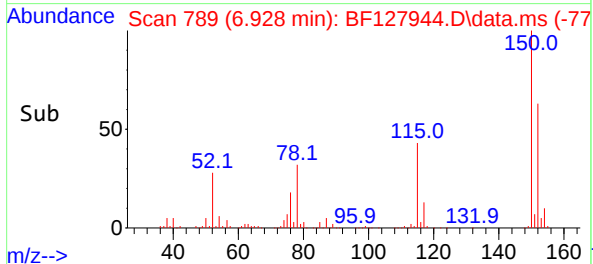
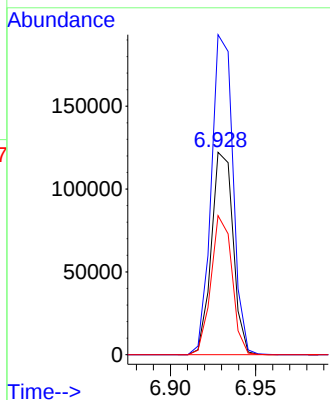
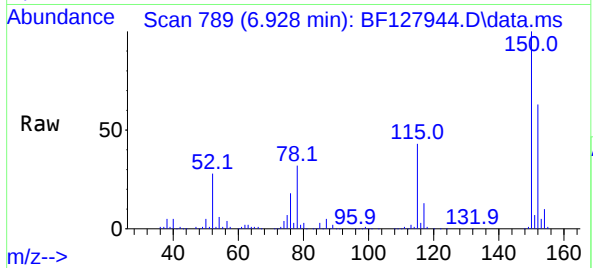




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

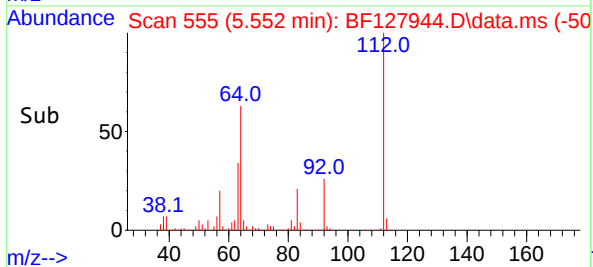
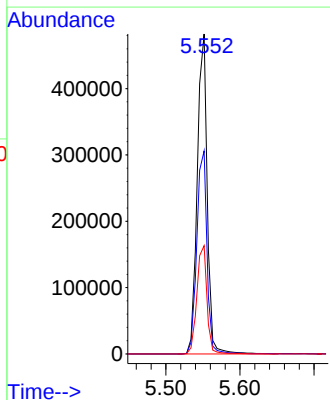
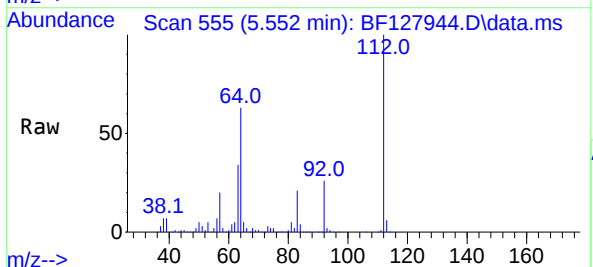
Instrument :
BNA_F
ClientSampleId :
MW1

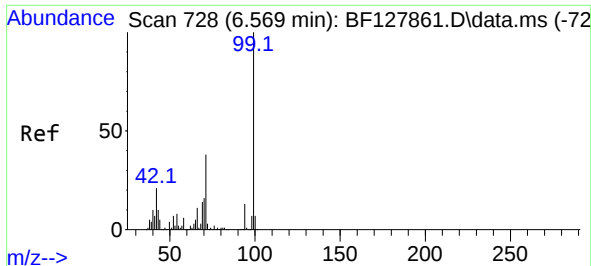
Tgt Ion:152 Resp: 108429
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 68.7 48.8 73.2



#5
2-Fluorophenol
Concen: 66.138 ng
RT: 5.552 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion:112 Resp: 450233
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 33.8 26.3 39.5

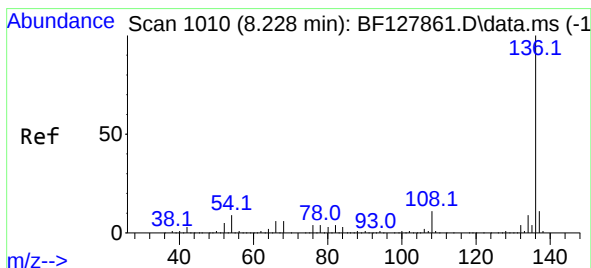
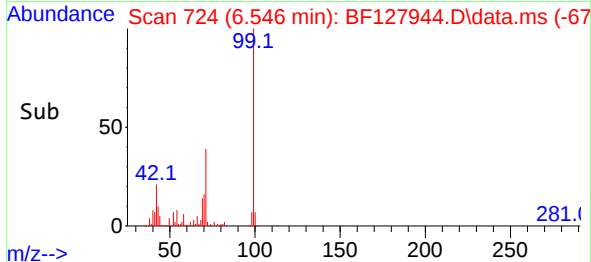
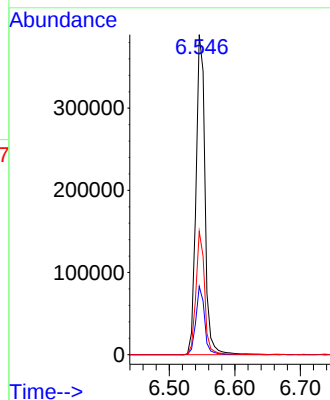
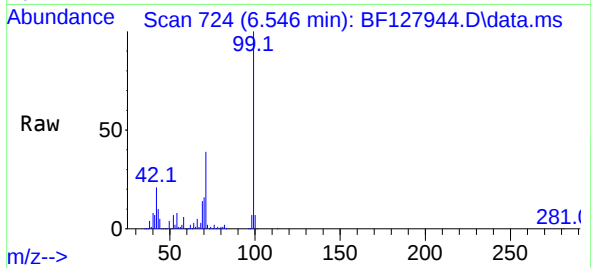




#7
Phenol-d6
Concen: 42.230 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

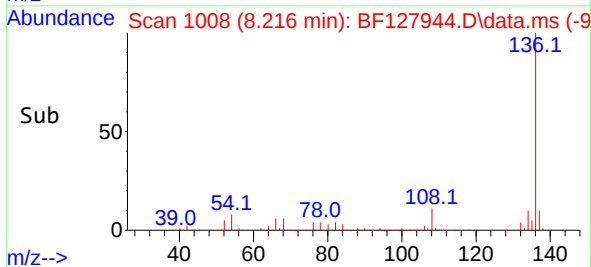
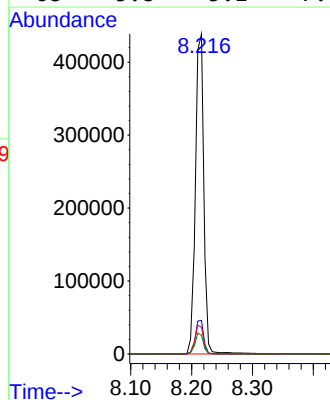
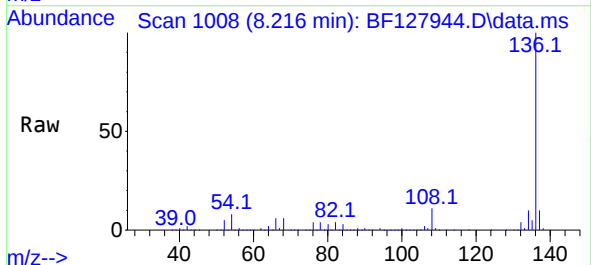
Instrument :
BNA_F
ClientSampleId :
MW1

Tgt Ion: 99 Resp: 373031
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 38.6 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion: 136 Resp: 420467
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 6.8 10.2
68 5.8 5.1 7.7

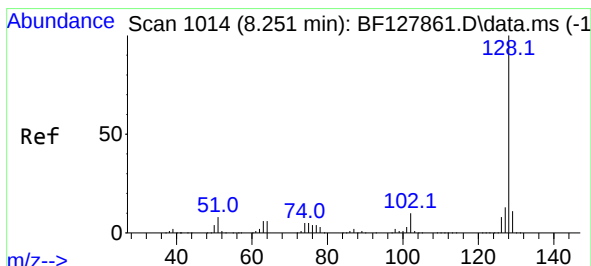
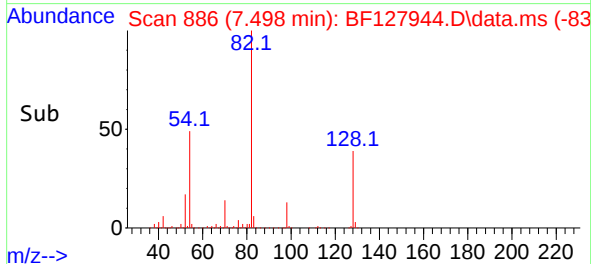
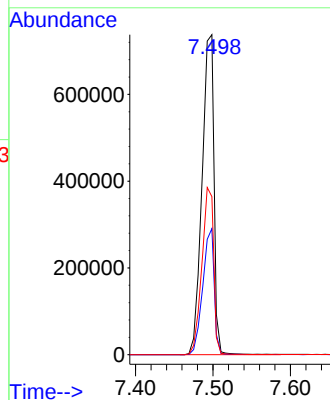
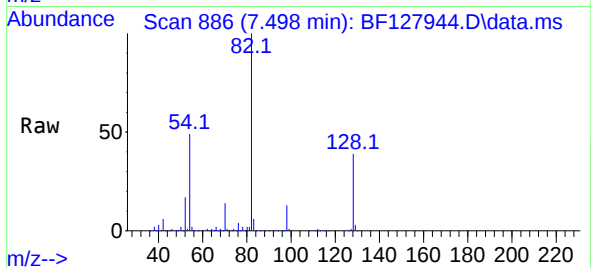




#23
Nitrobenzene-d5
Concen: 88.482 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

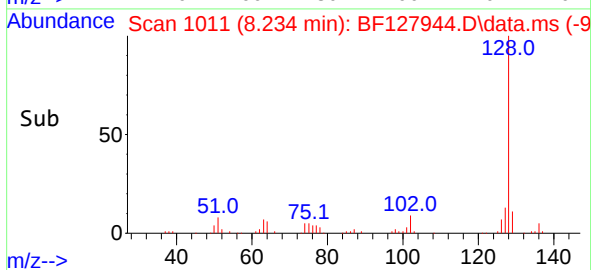
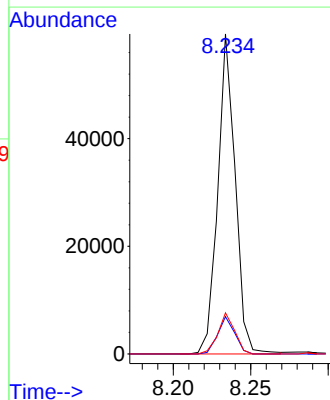
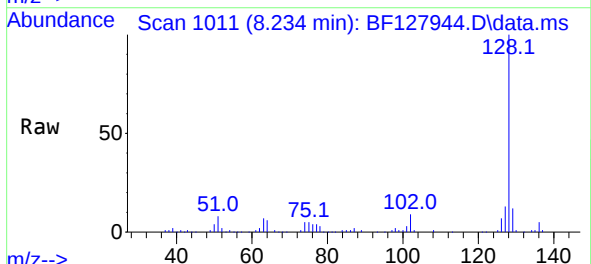
Instrument :
BNA_F
ClientSampleId :
MW1

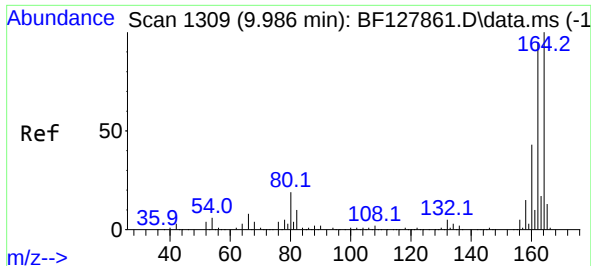
Tgt Ion: 82 Resp: 791162
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 49.4 41.3 61.9



#31
Naphthalene
Concen: 2.172 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion: 128 Resp: 46508
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 12.8 10.6 16.0

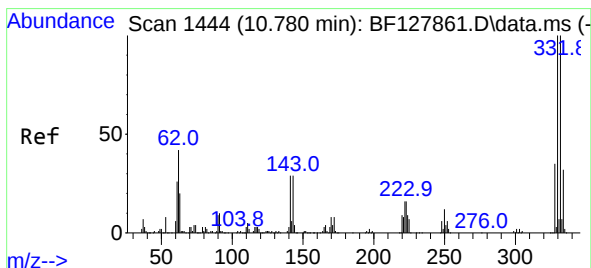
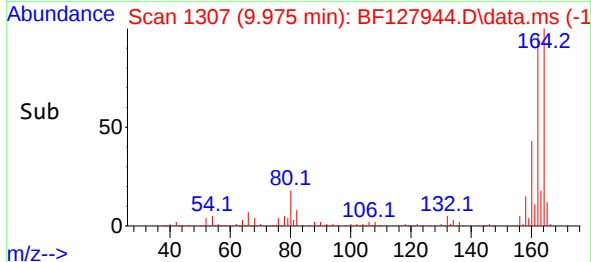
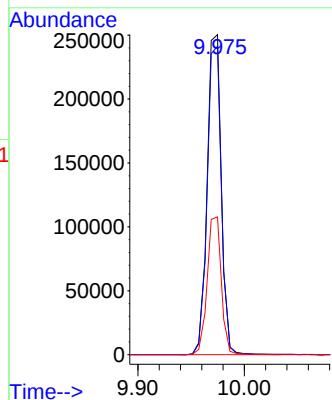
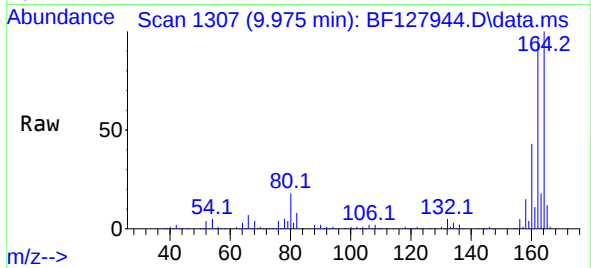




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

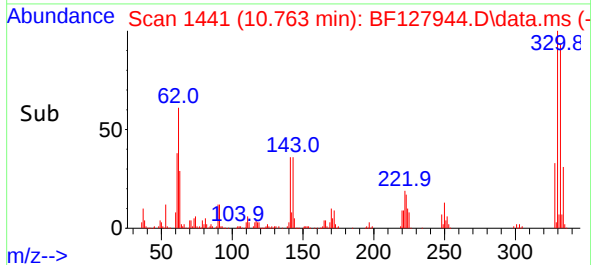
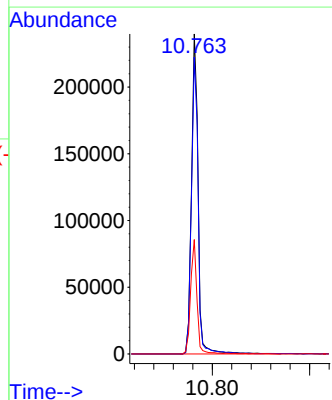
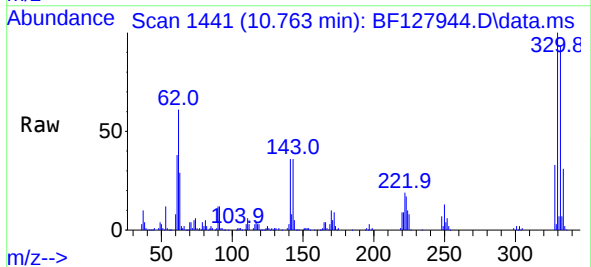
Instrument :
BNA_F
ClientSampleId :
MW1

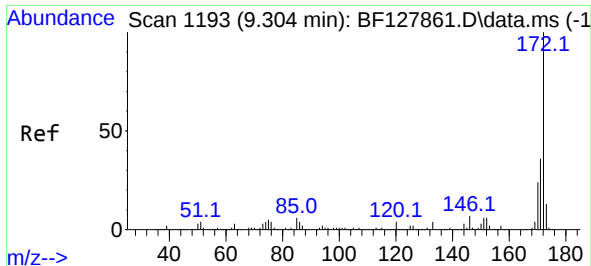
Tgt Ion:164 Resp: 231904
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 96.191 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.018 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion:330 Resp: 224559
Ion Ratio Lower Upper
330 100
332 93.9 79.0 118.4
141 34.3 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 89.407 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF127944.D

Acq: 27 Apr 2022 14:35

Instrument :

BNA_F

ClientSampleId :

MW1

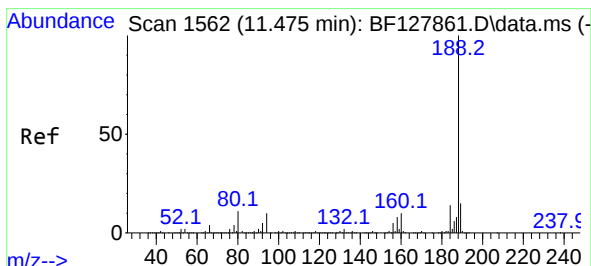
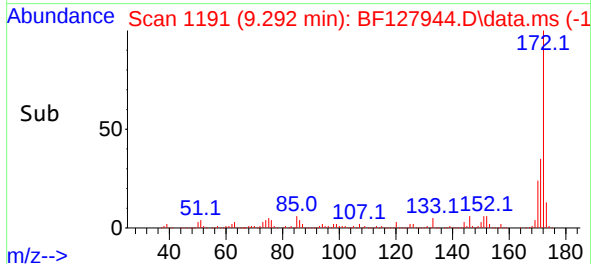
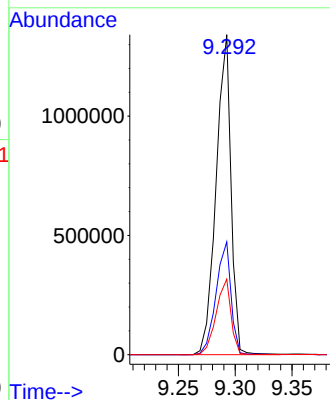
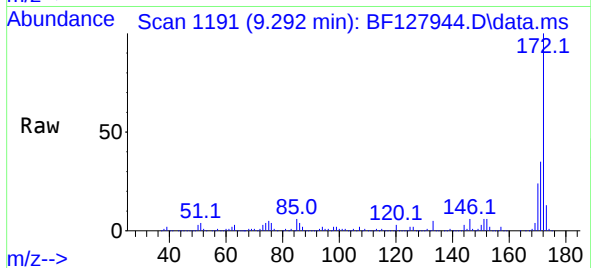
Tgt Ion:172 Resp: 1225595

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.6 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1560

Delta R.T. -0.012 min

Lab File: BF127944.D

Acq: 27 Apr 2022 14:35

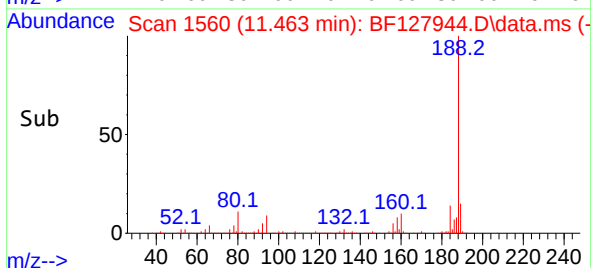
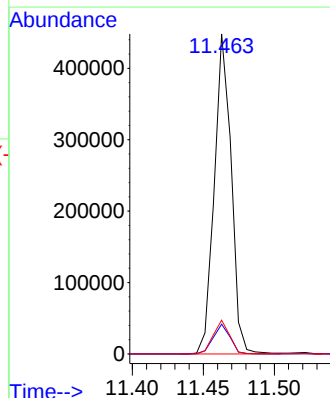
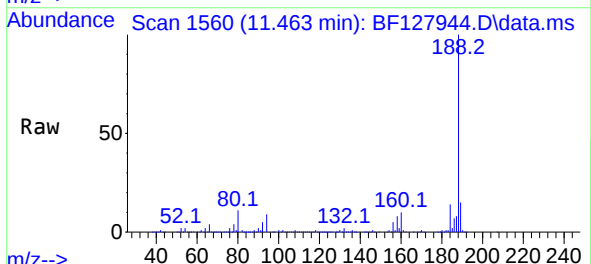
Tgt Ion:188 Resp: 370152

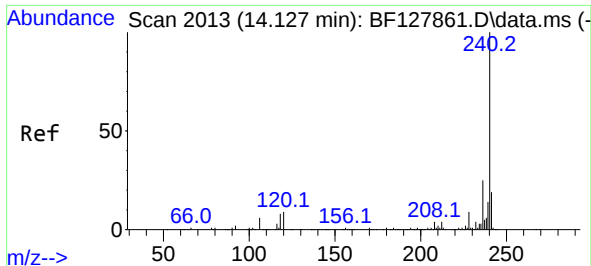
Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

80 10.6 8.9 13.3

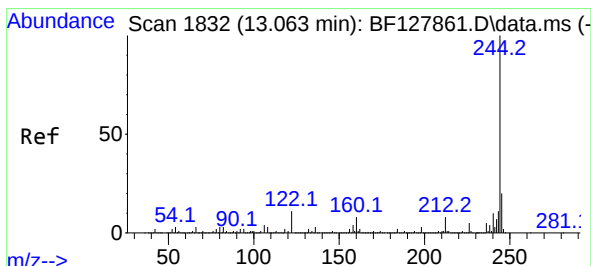
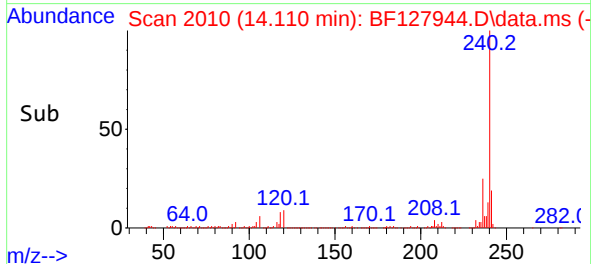
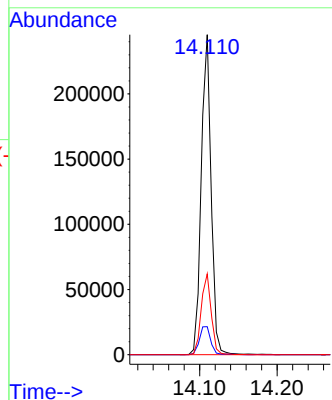
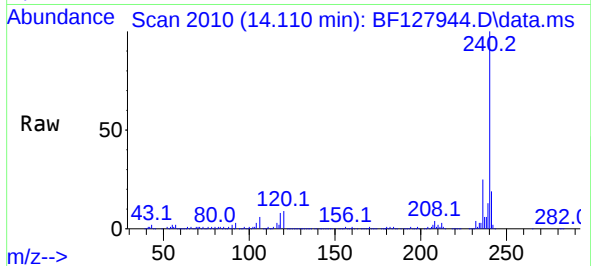




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

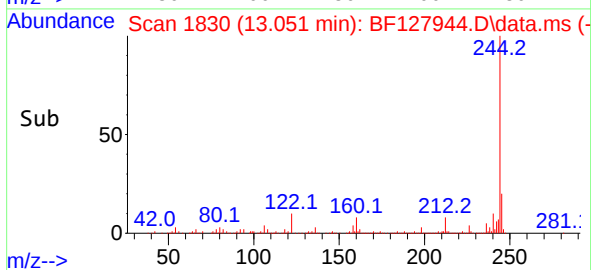
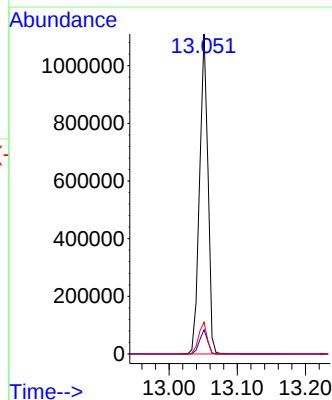
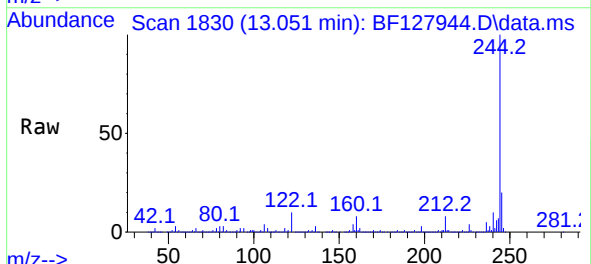
Instrument :
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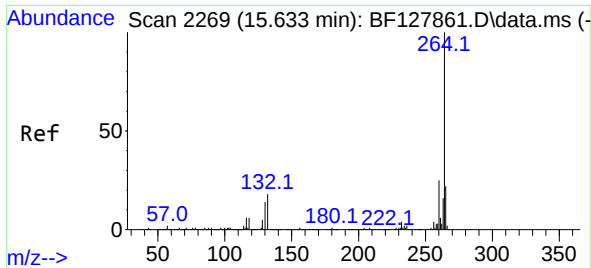
Tgt Ion:240 Resp: 216708
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 79.519 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion:244 Resp: 942407
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF127944.D
 Acq: 27 Apr 2022 14:35

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tgt Ion:264 Resp: 266905
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.5 17.5 26.3

