

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127145.D
 Acq On : 02 Mar 2022 14:14
 Operator : CG\JU
 Sample : N1722-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-9

Quant Time: Mar 03 00:56:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

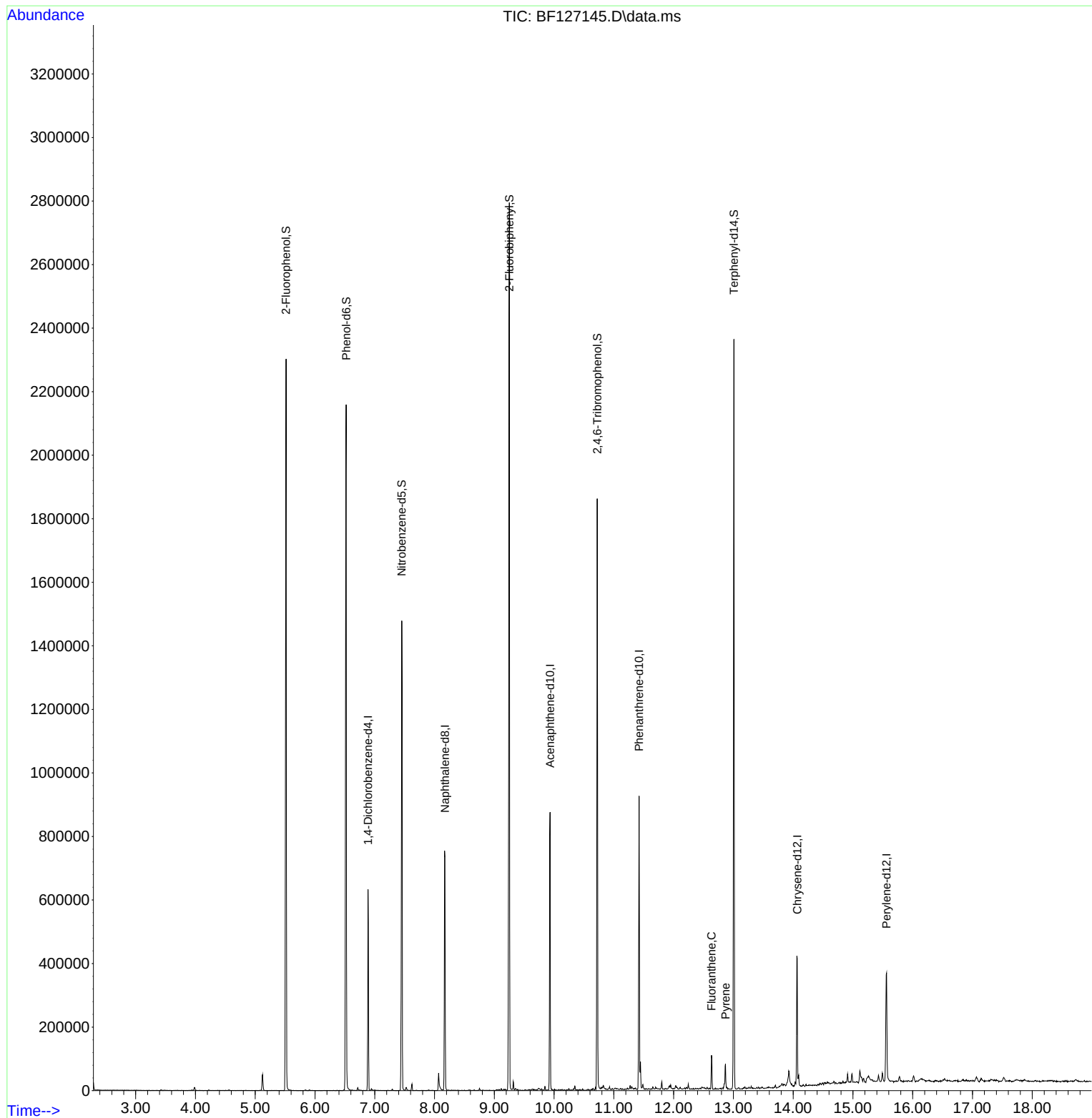
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	83053	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	330126	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	168965	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	293141	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	129845	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	150262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	530889	98.796	ng	0.00
7) Phenol-d6	6.522	99	724123	99.867	ng	0.00
23) Nitrobenzene-d5	7.451	82	495759	67.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	203643	104.679	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	812974	70.833	ng	0.00
79) Terphenyl-d14	13.010	244	734220	83.125	ng	0.00
Target Compounds						
75) Fluoranthene	12.633	202	39843	2.557	ng	94
78) Pyrene	12.868	202	30283	2.684	ng	98

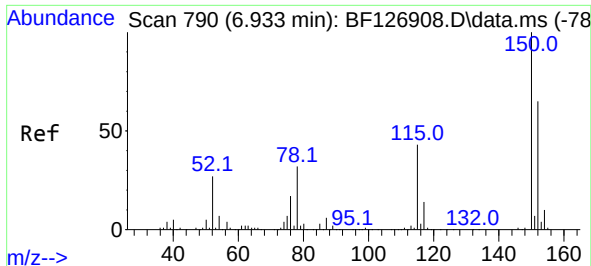
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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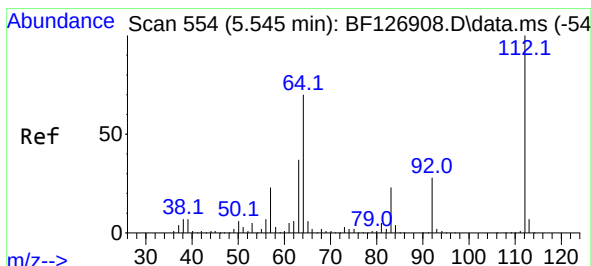
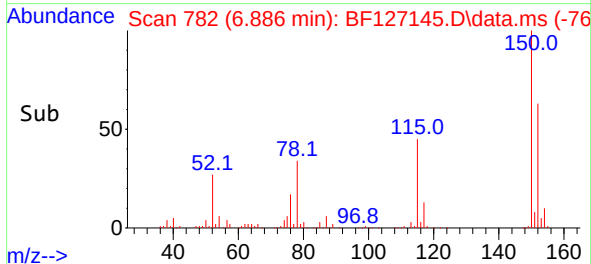
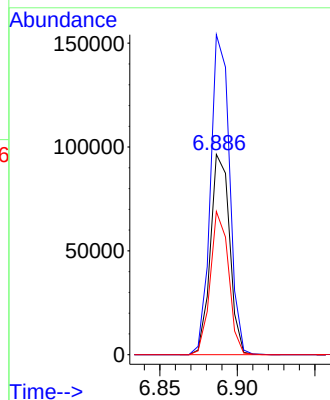
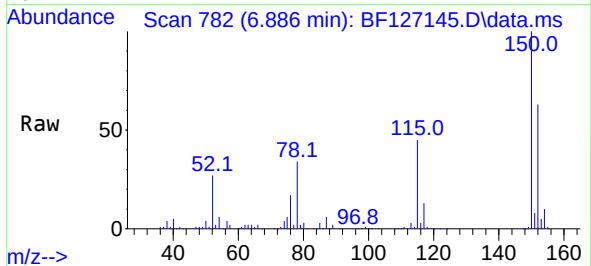




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

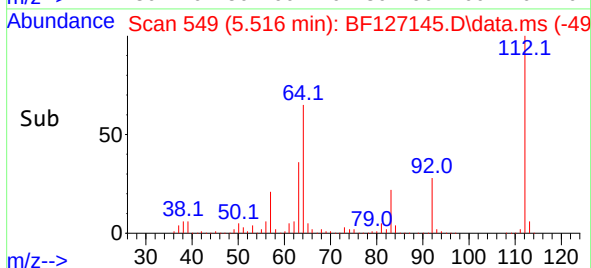
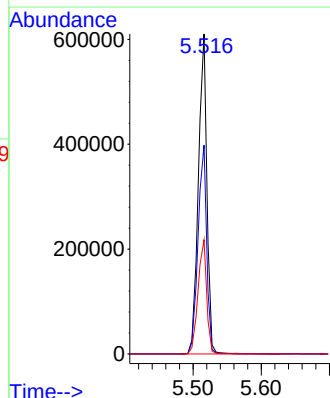
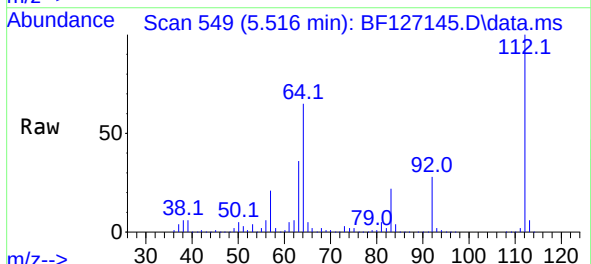
Instrument :
BNA_F
ClientSampleId :
DUM-9

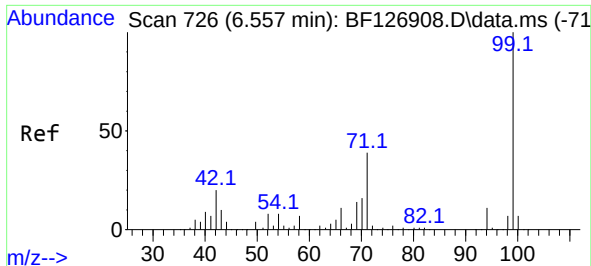
Tgt Ion:152 Resp: 83053
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 71.5 56.7 85.1



#5
2-Fluorophenol
Concen: 98.796 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:112 Resp: 530889
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 35.7 23.9 35.9

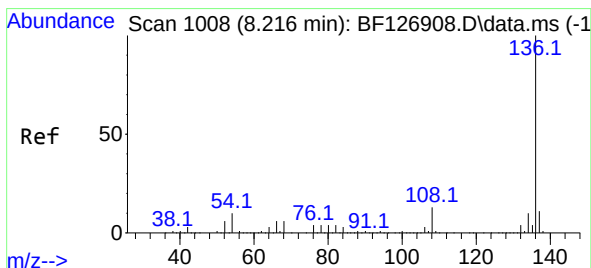
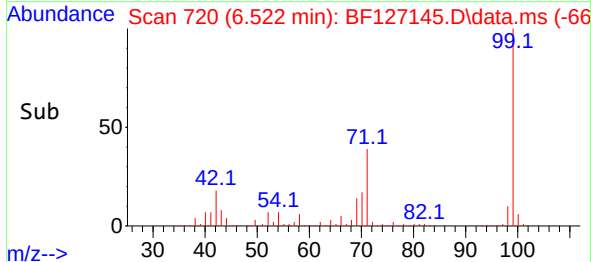
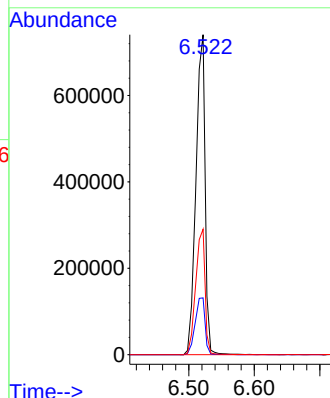
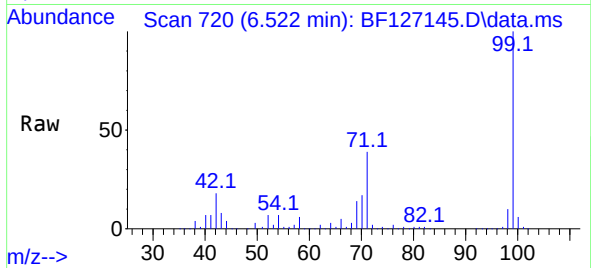




#7
Phenol-d6
Concen: 99.867 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

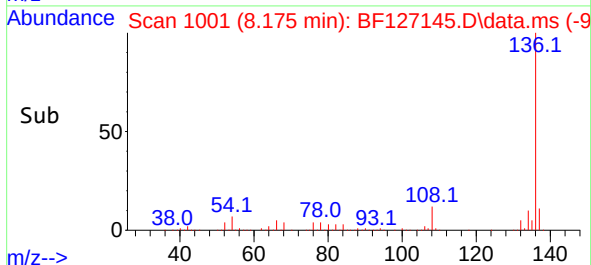
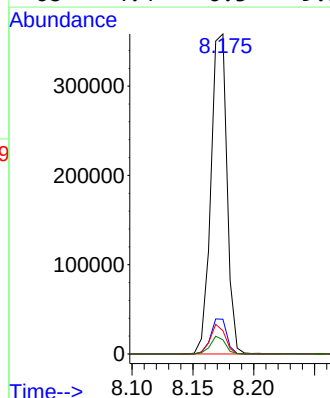
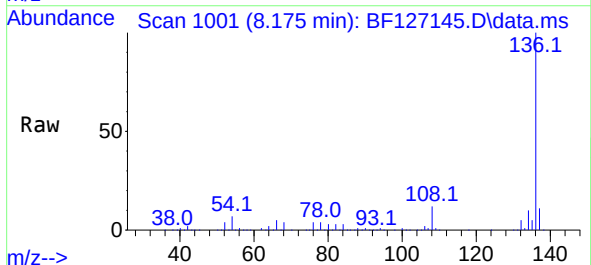
Instrument :
BNA_F
ClientSampleId :
DUM-9

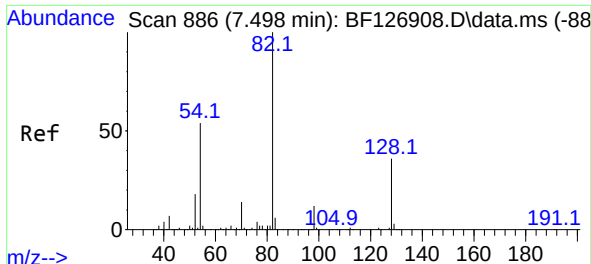
Tgt Ion: 99 Resp: 724123
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 39.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion: 136 Resp: 330126
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 7.8 11.6#
68 4.4 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 67.784 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

Instrument :

BNA_F

ClientSampleId :

DUM-9

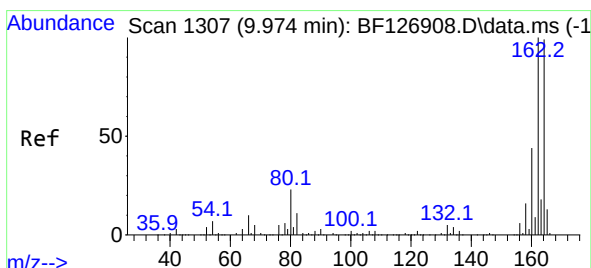
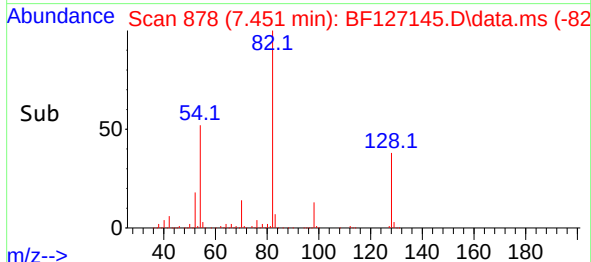
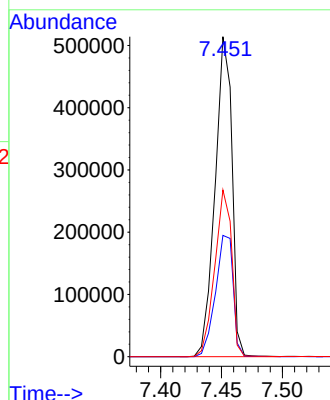
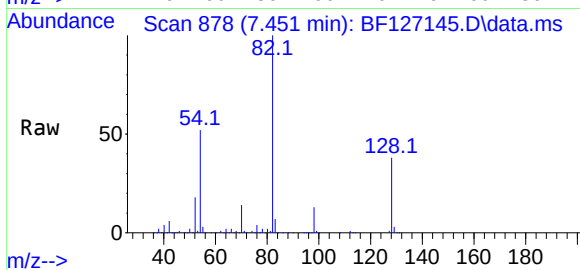
Tgt Ion: 82 Resp: 495759

Ion Ratio Lower Upper

82 100

128 37.9 32.7 49.1

54 52.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF127145.D

Acq: 02 Mar 2022 14:14

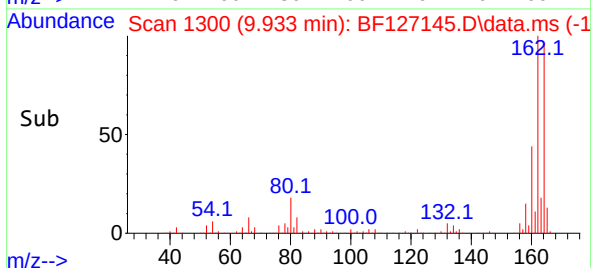
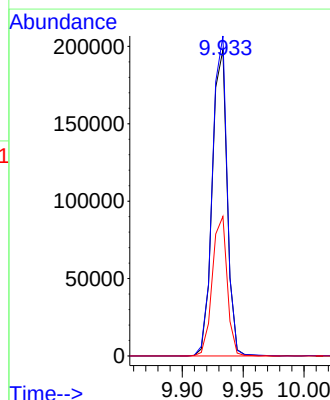
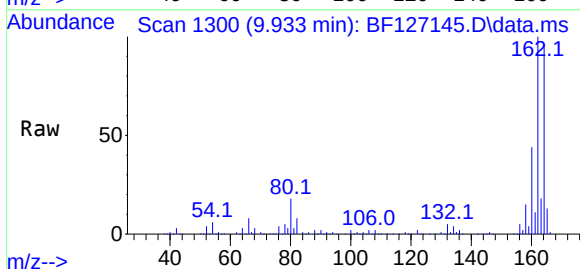
Tgt Ion:164 Resp: 168965

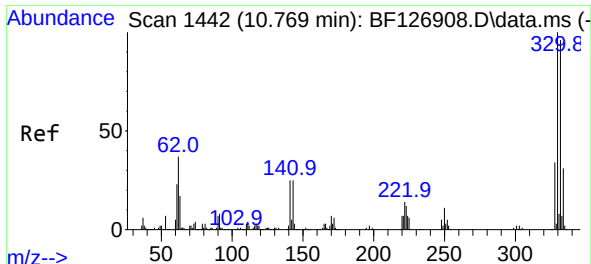
Ion Ratio Lower Upper

164 100

162 104.6 81.4 122.0

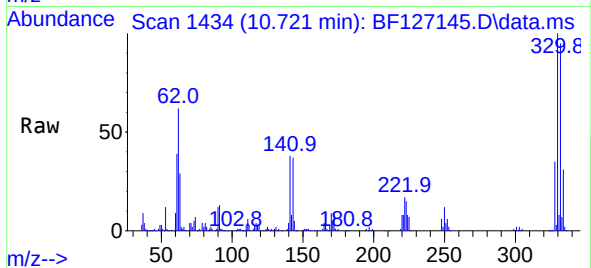
160 45.6 36.6 54.8



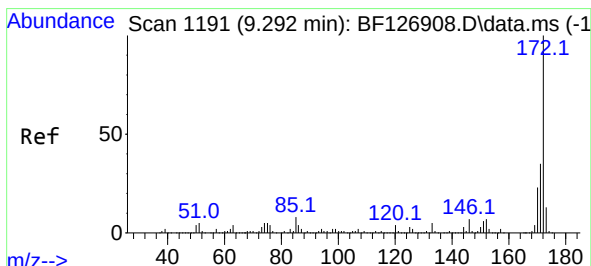
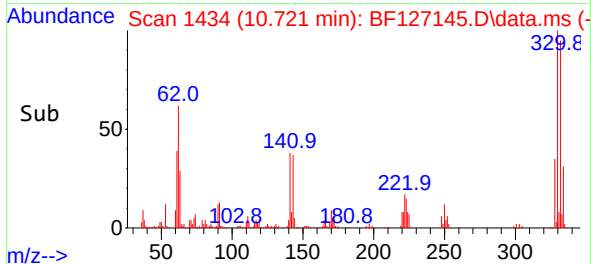
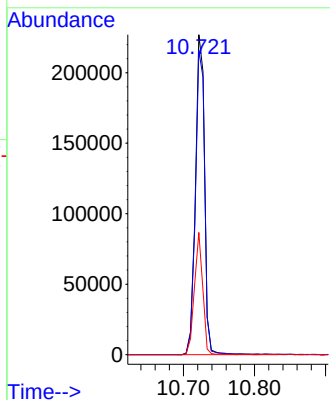


#42
2,4,6-Tribromophenol
Concen: 104.679 ng
RT: 10.721 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Instrument :
BNA_F
ClientSampleId :
DUM-9

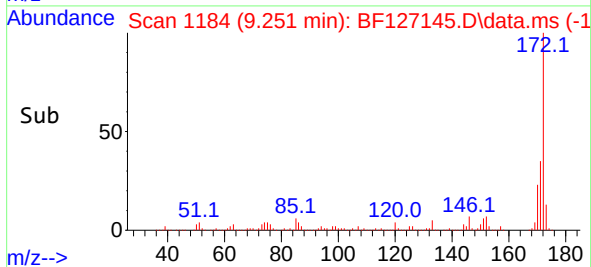
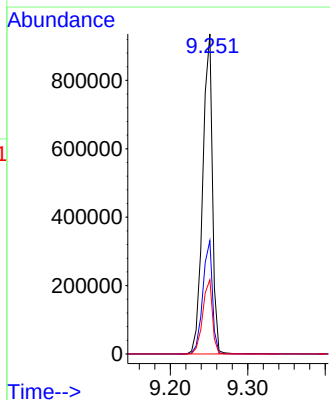
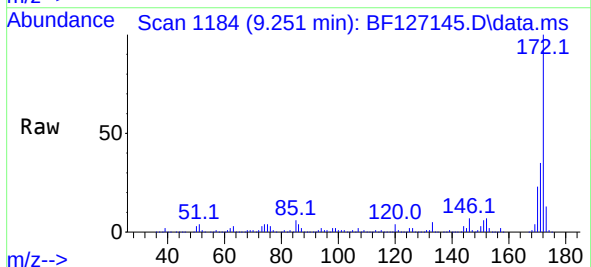


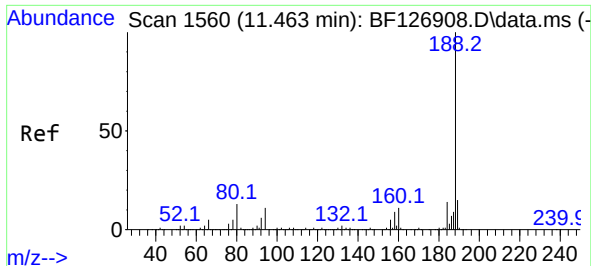
Tgt Ion:330 Resp: 203643
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 34.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 70.833 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:172 Resp: 812974
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 19.0 28.6

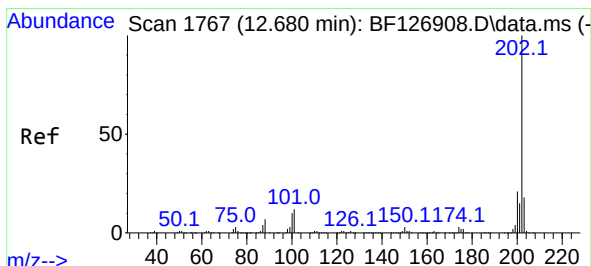
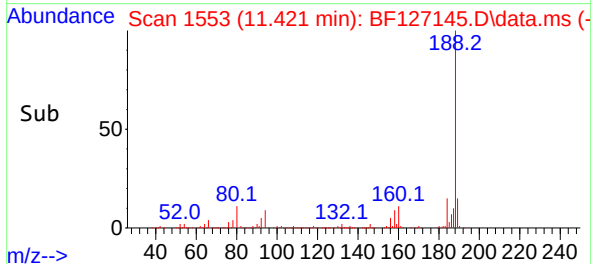
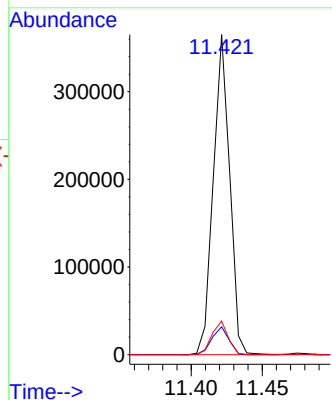
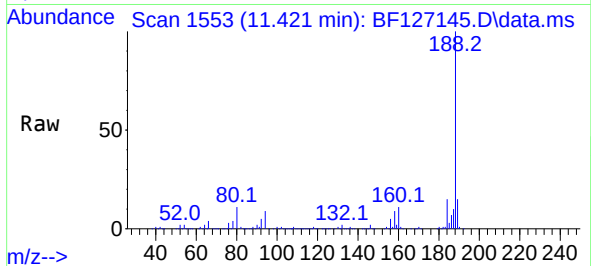




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

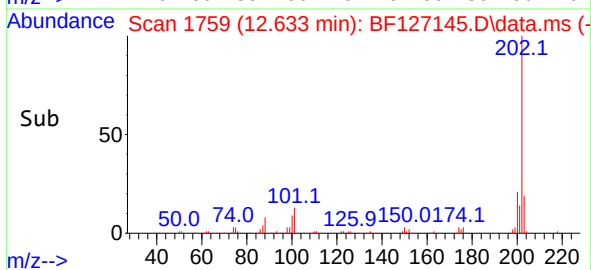
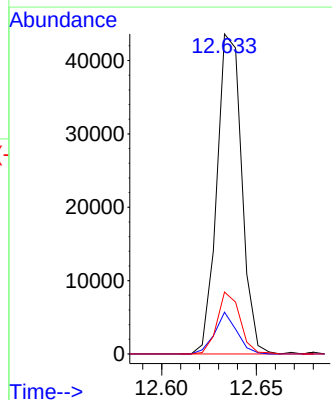
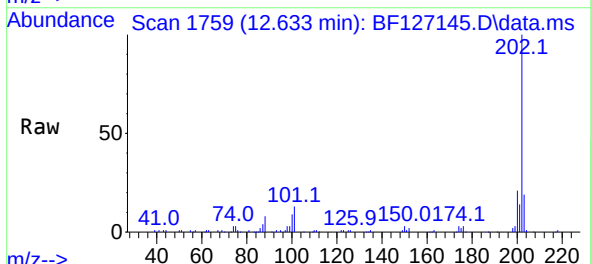
Instrument :
BNA_F
ClientSampleId :
DUM-9

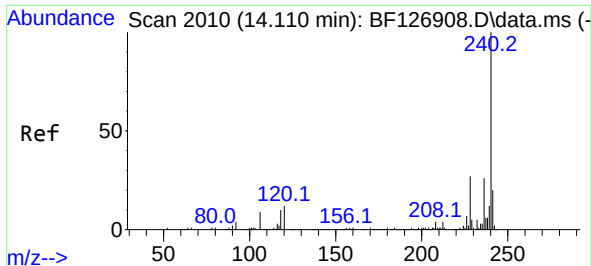
Tgt Ion:188 Resp: 293141
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.5 11.8 17.6#



#75
Fluoranthene
Concen: 2.557 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:202 Resp: 39843
Ion Ratio Lower Upper
202 100
101 13.1 0.0 35.7
203 19.4 0.0 37.1

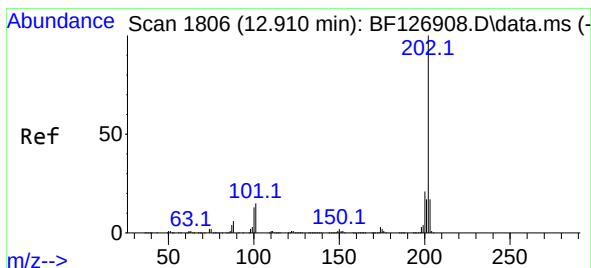
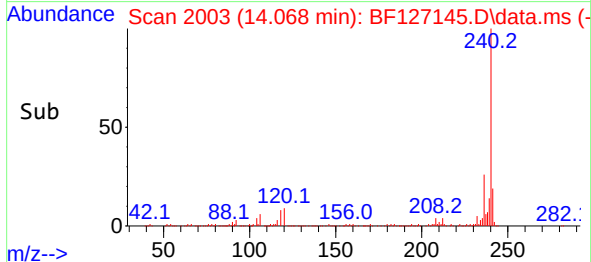
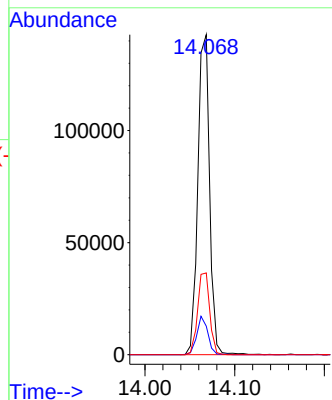
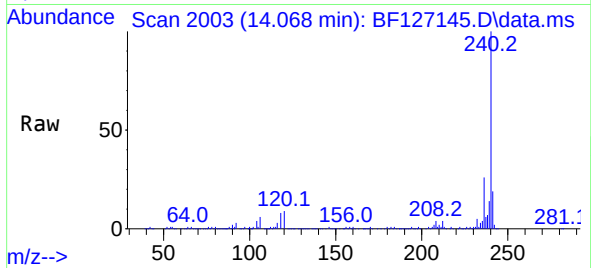




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

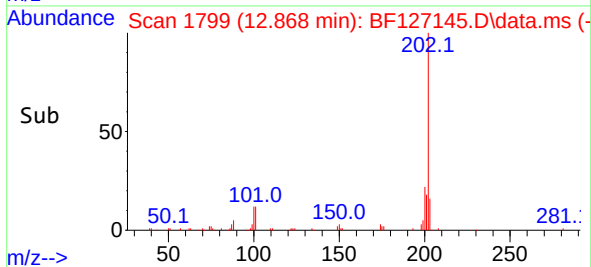
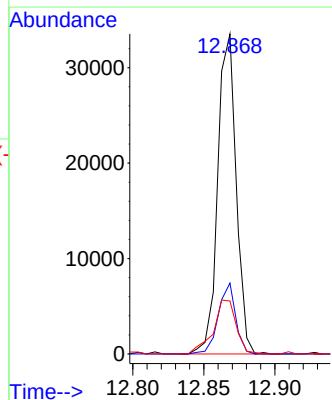
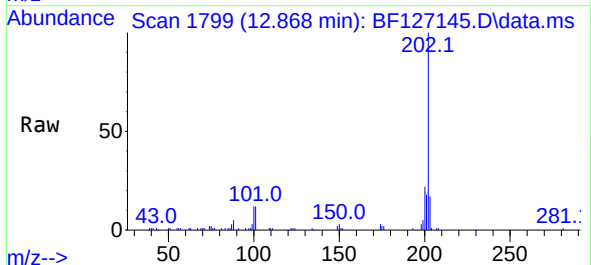
Instrument :
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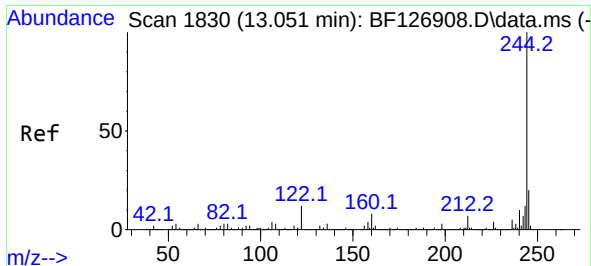
Tgt Ion:240 Resp: 129845
Ion Ratio Lower Upper
240 100
120 8.9 14.4 21.6#
236 25.6 20.5 30.7



#78
Pyrene
Concen: 2.684 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

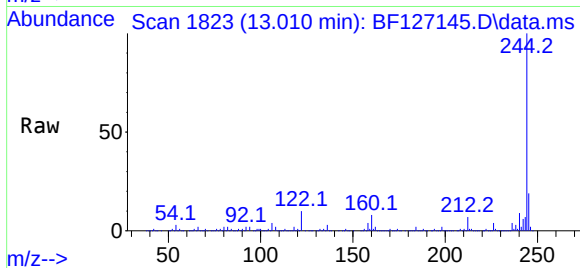
Tgt Ion:202 Resp: 30283
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 16.6 13.8 20.8



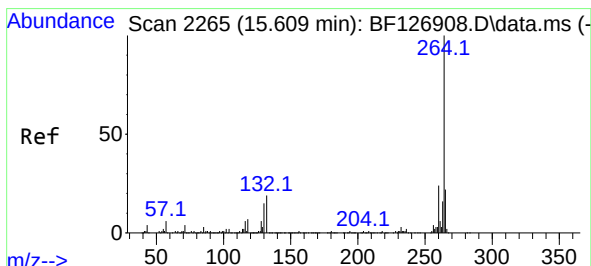
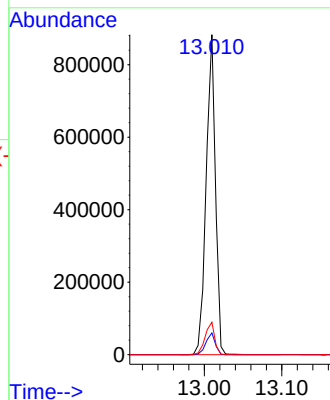
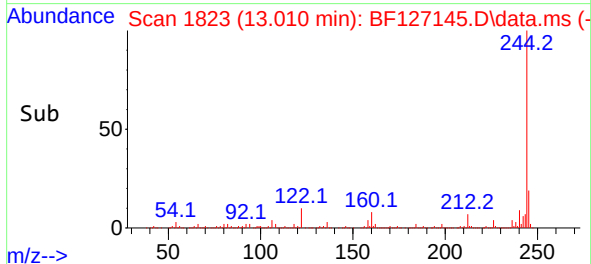


#79
Terphenyl-d14
Concen: 83.125 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Instrument :
BNA_F
ClientSampleId :
DUM-9



Tgt Ion:244 Resp: 734220
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.2 13.3 19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127145.D
Acq: 02 Mar 2022 14:14

Tgt Ion:264 Resp: 150262
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.8 17.4 26.2

