

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127233.D
 Acq On : 07 Mar 2022 21:21
 Operator : CG\JU
 Sample : N1730-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Quant Time: Mar 08 00:04:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

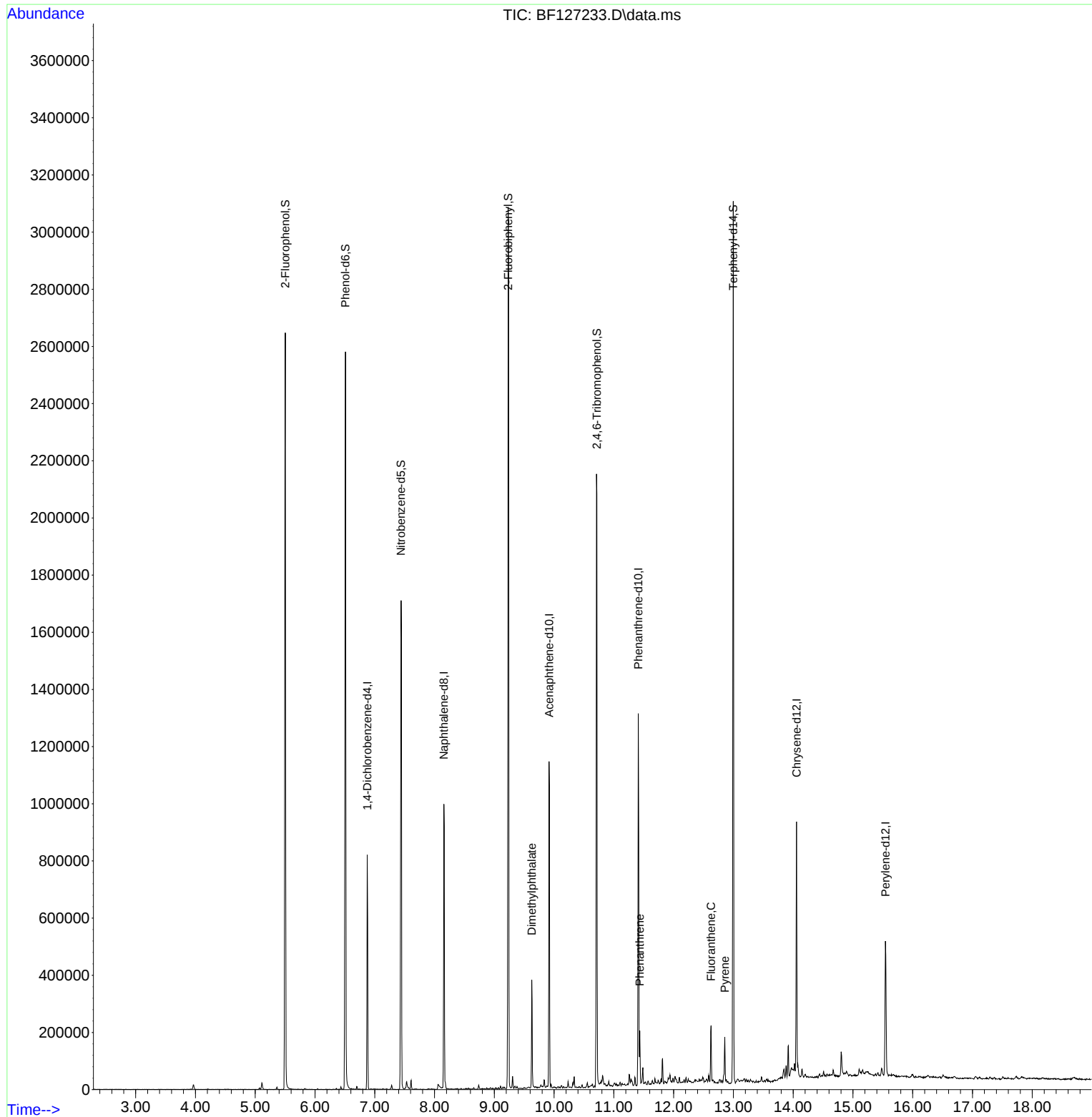
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106020	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438692	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	227484	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	408692	20.000	ng	0.00
76) Chrysene-d12	14.057	240	260486	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	196531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	667720	97.341	ng	0.00
7) Phenol-d6	6.510	99	882940	95.391	ng	0.00
23) Nitrobenzene-d5	7.439	82	605612	62.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	275552	105.206	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	921883	59.659	ng	0.00
79) Terphenyl-d14	12.998	244	1005960	56.771	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.628	163	130098	8.001	ng	# 98
71) Phenanthrene	11.433	178	54960	2.403	ng	96
75) Fluoranthene	12.627	202	72106	3.320	ng	95
78) Pyrene	12.857	202	55849	2.468	ng	99

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

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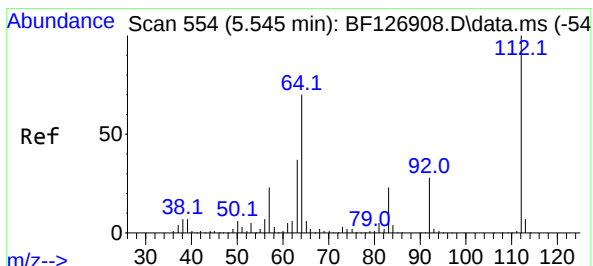
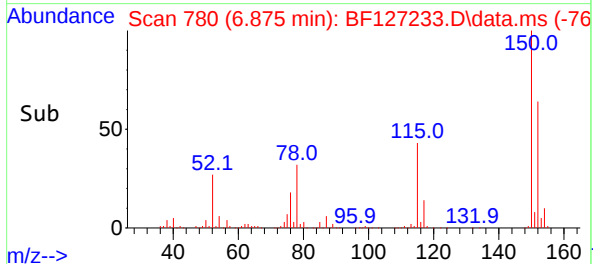
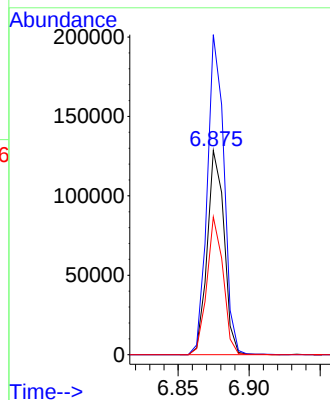
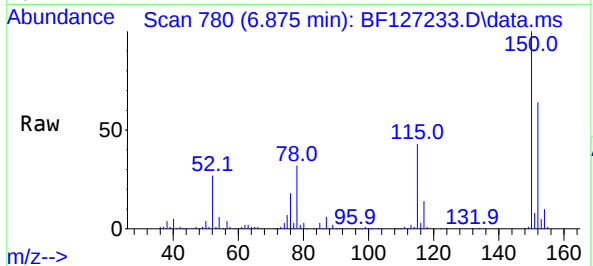




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

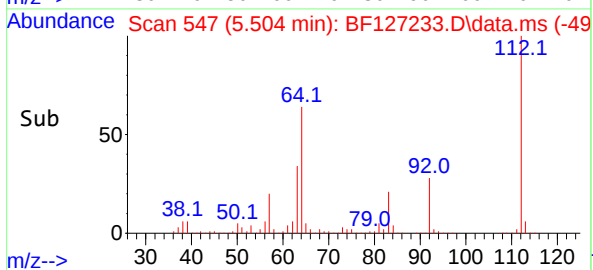
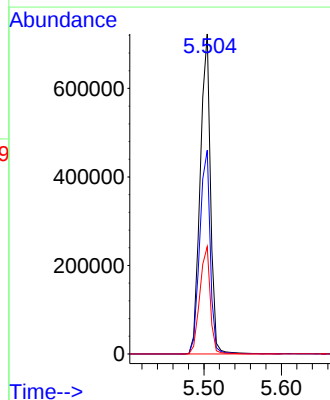
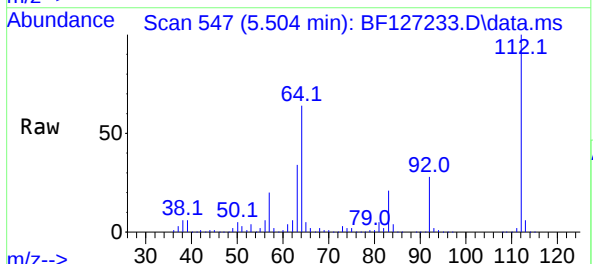
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

Tgt Ion:152 Resp: 106020
Ion Ratio Lower Upper
152 100
150 156.8 128.1 192.1
115 67.5 56.7 85.1



#5
2-Fluorophenol
Concen: 97.341 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:112 Resp: 667720
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 33.5 23.9 35.9

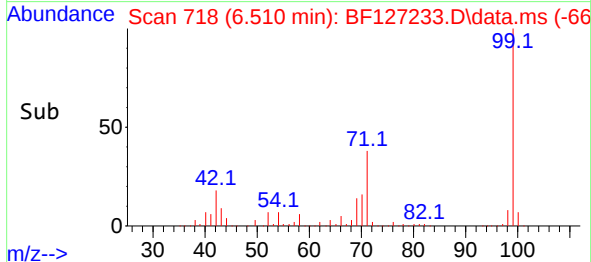
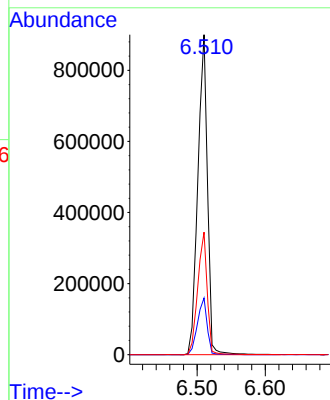
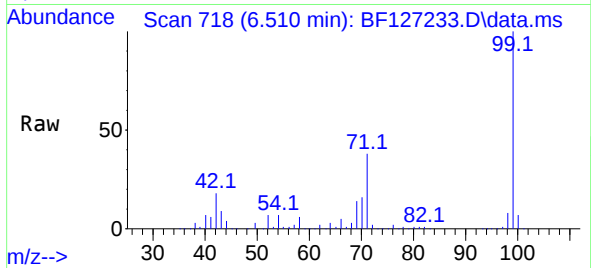




#7
Phenol-d6
Concen: 95.391 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

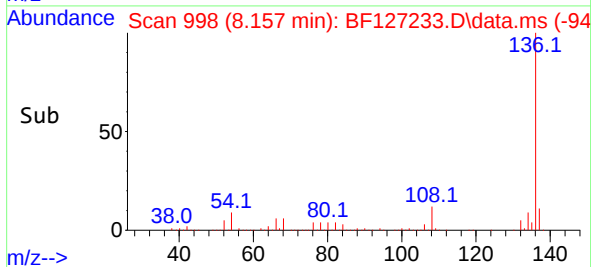
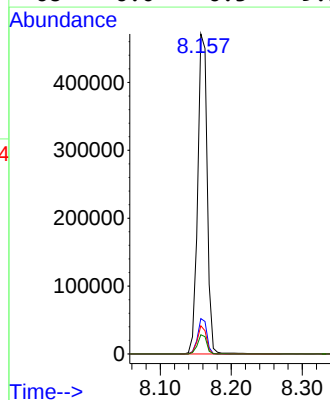
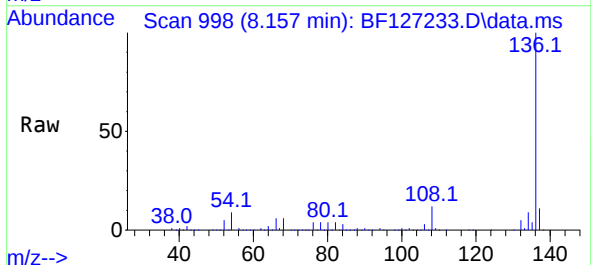
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

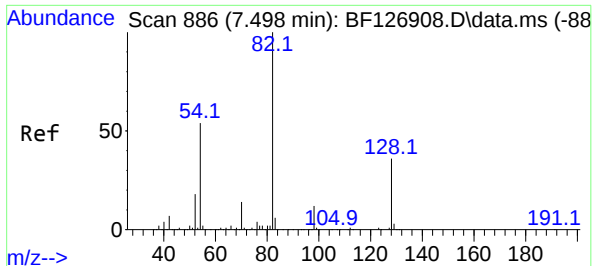
Tgt Ion: 99 Resp: 882940
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 38.3 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion: 136 Resp: 438692
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 7.8 11.6
68 6.0 6.3 9.5#

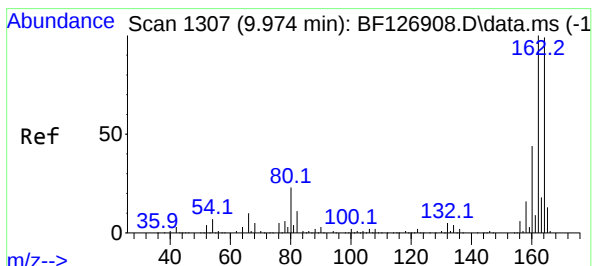
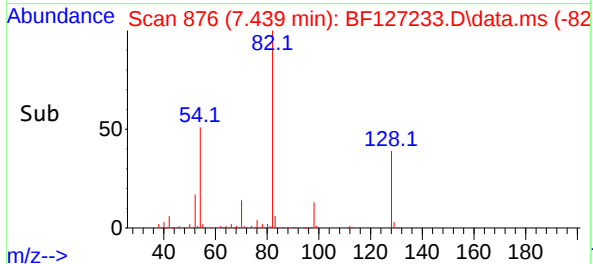
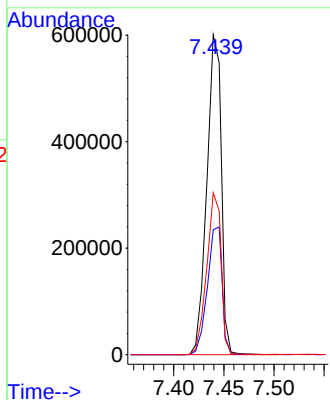
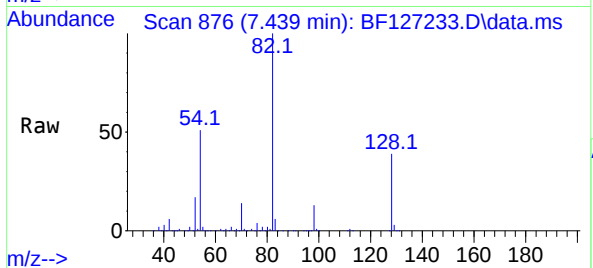




#23
Nitrobenzene-d5
Concen: 62.312 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

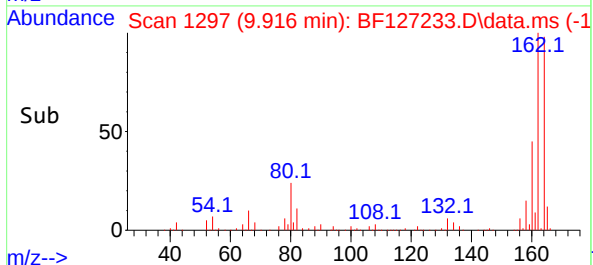
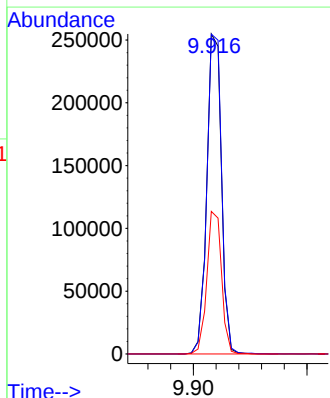
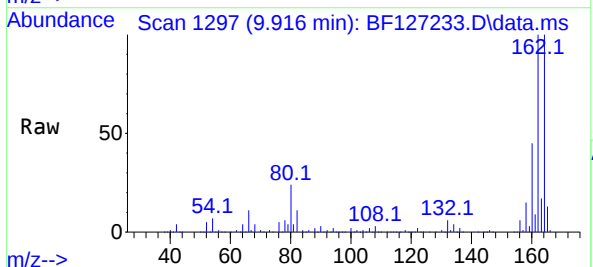
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

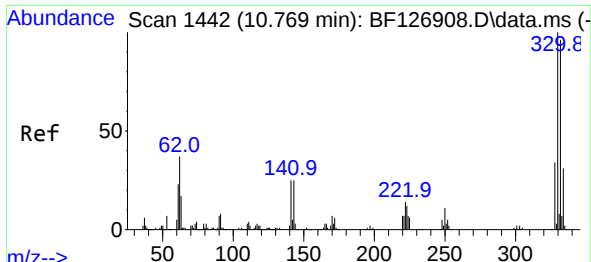
Tgt Ion: 82 Resp: 605612
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 50.6 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion: 164 Resp: 227484
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 105.206 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127233.D

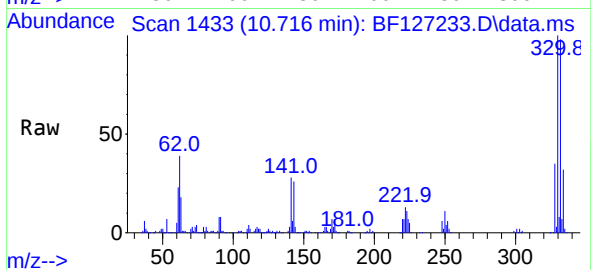
Acq: 07 Mar 2022 21:21

Instrument :

BNA_F

ClientSampleId :

27-28-SAMPLE-LOCATION-14



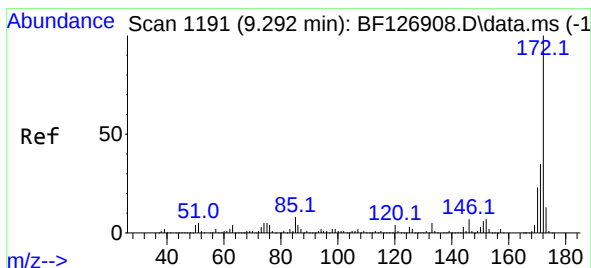
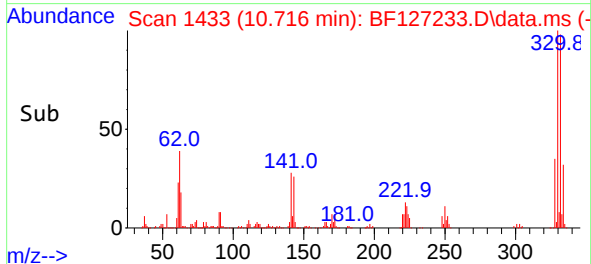
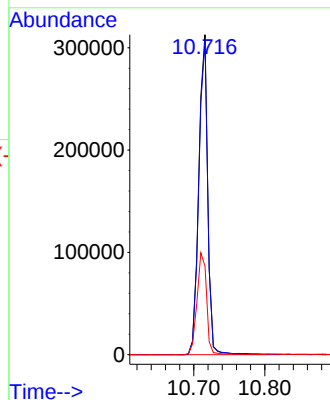
Tgt Ion:330 Resp: 275552

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 34.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.659 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127233.D

Acq: 07 Mar 2022 21:21

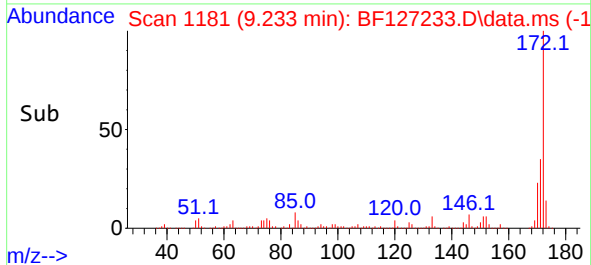
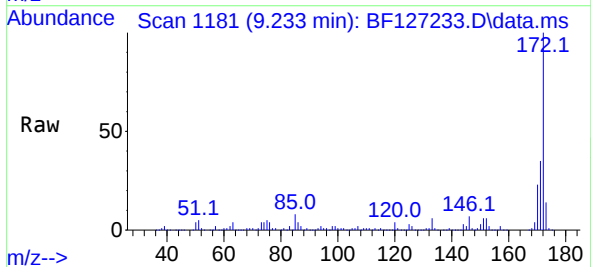
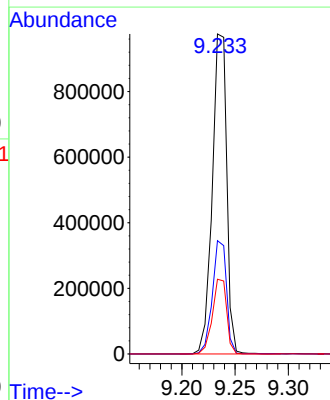
Tgt Ion:172 Resp: 921883

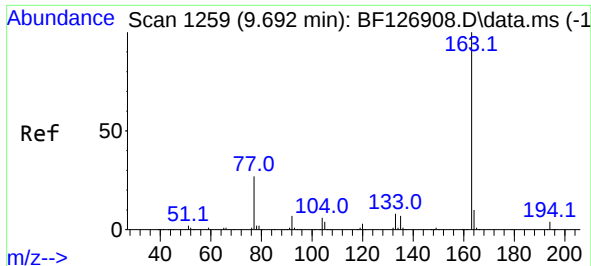
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.3 19.0 28.6

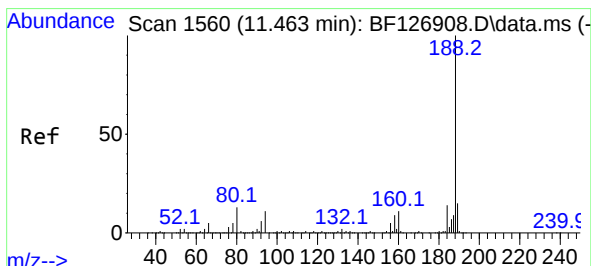
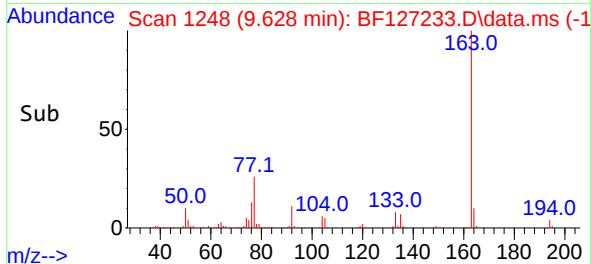
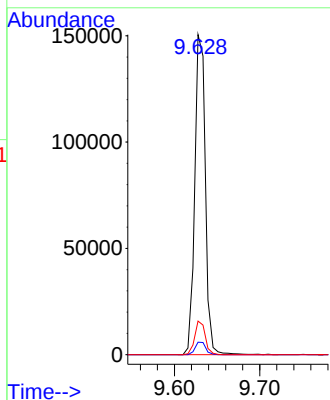
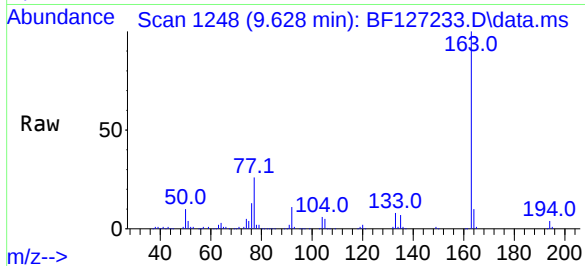




#50
Dimethylphthalate
Concen: 8.001 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

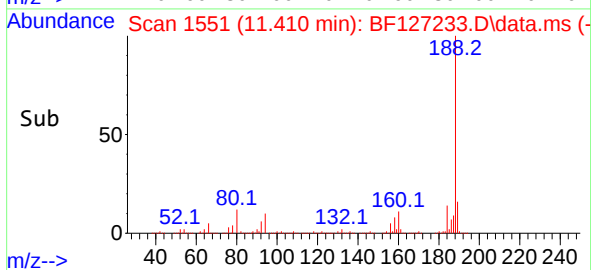
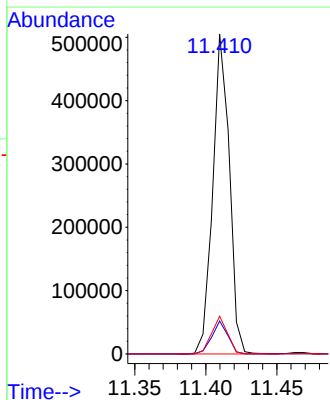
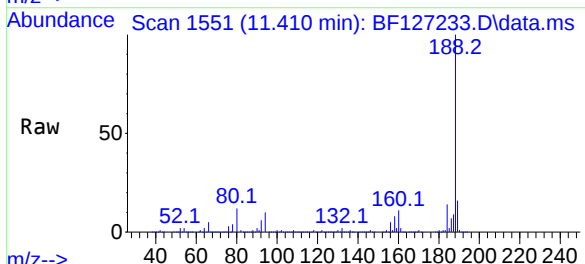
Instrument : BNA_F
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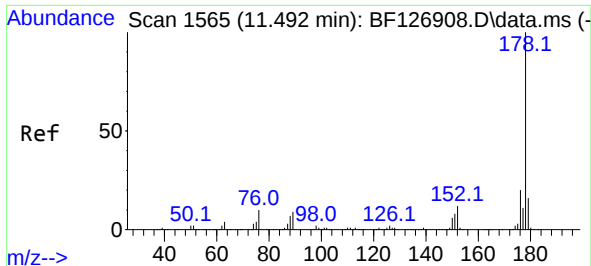
Tgt Ion:163 Resp: 130098
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.5 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:188 Resp: 408692
Ion Ratio Lower Upper
188 100
94 10.3 10.1 15.1
80 11.8 11.8 17.6

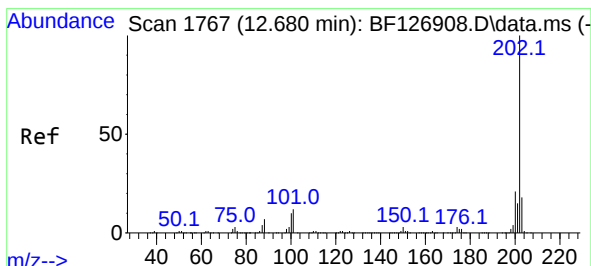
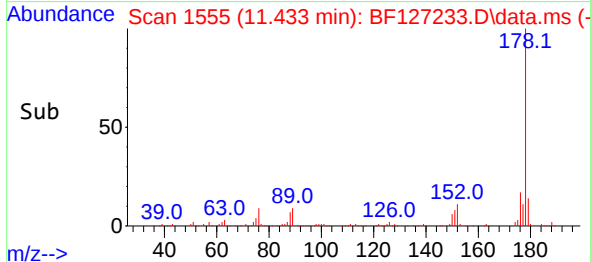
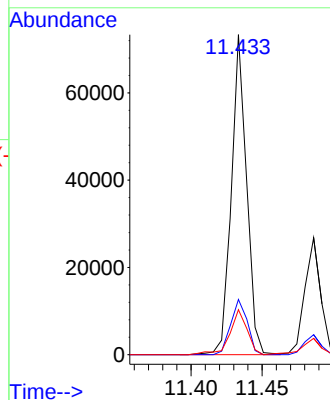
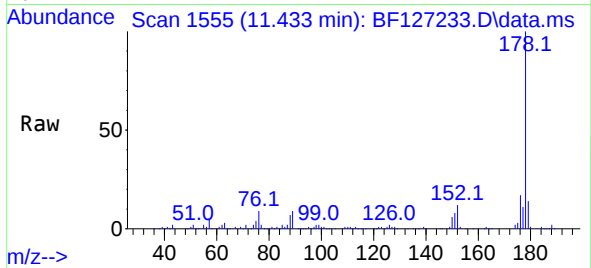




#71
Phenanthrene
Concen: 2.403 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

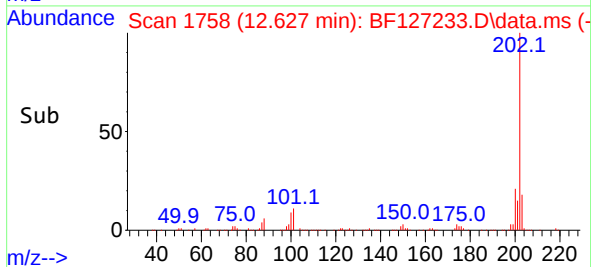
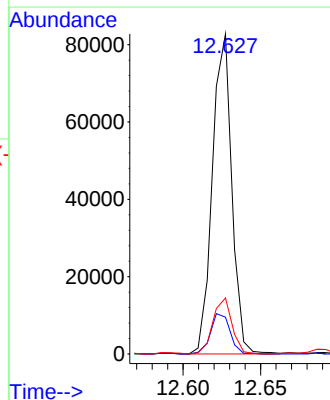
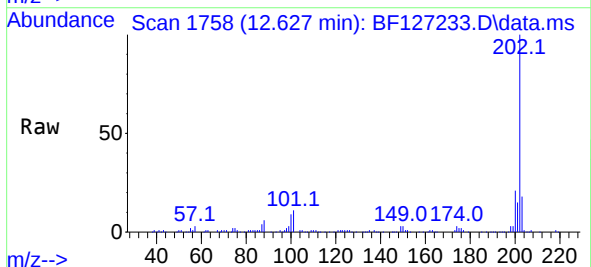
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

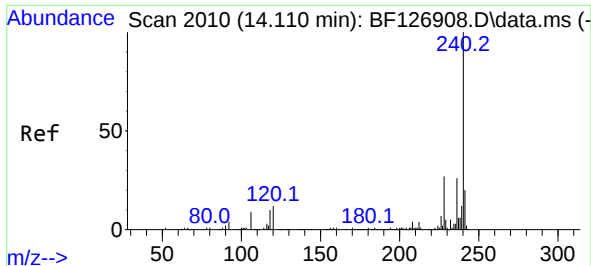
Tgt Ion:178 Resp: 54960
Ion Ratio Lower Upper
178 100
176 17.2 15.7 23.5
179 14.1 12.3 18.5



#75
Fluoranthene
Concen: 3.320 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:202 Resp: 72106
Ion Ratio Lower Upper
202 100
101 11.5 0.0 35.7
203 17.5 0.0 37.1

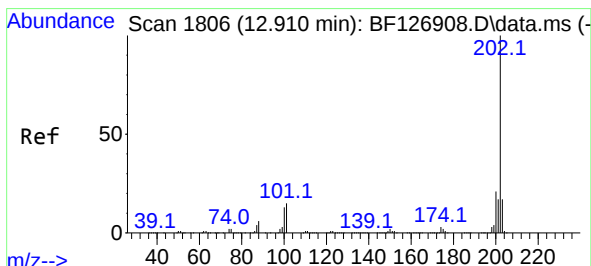
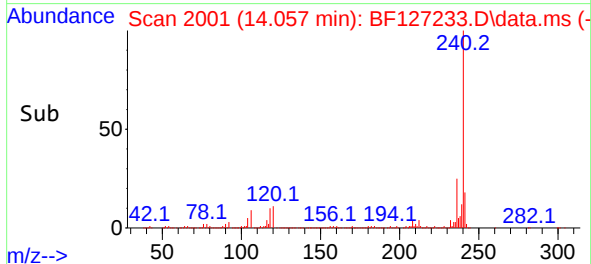
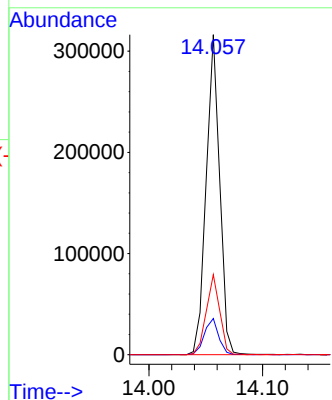
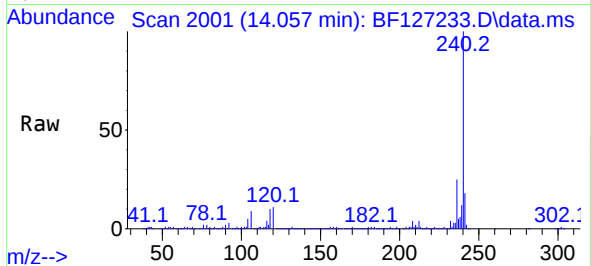




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

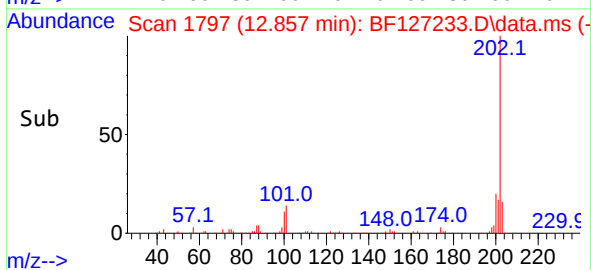
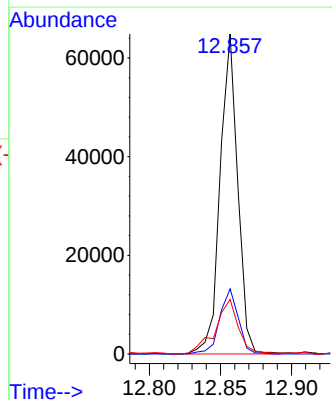
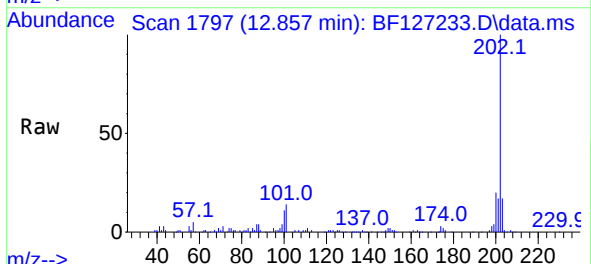
Instrument : BNA_F
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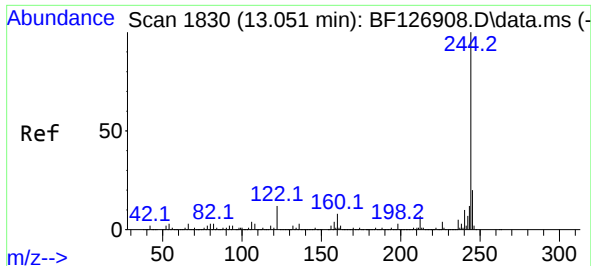
Tgt Ion:240 Resp: 260486
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 25.0 20.5 30.7



#78
Pyrene
Concen: 2.468 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:202 Resp: 55849
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.0 13.8 20.8

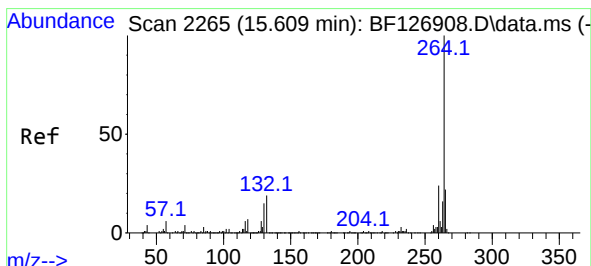
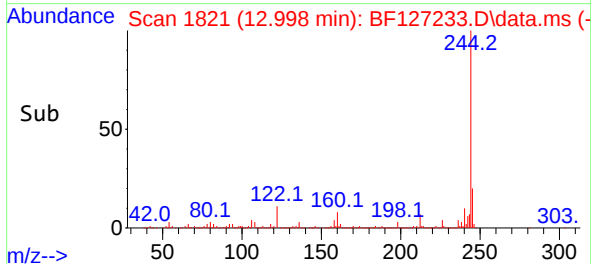
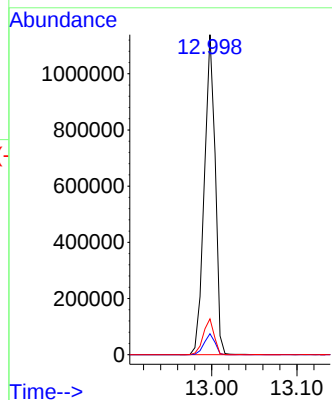
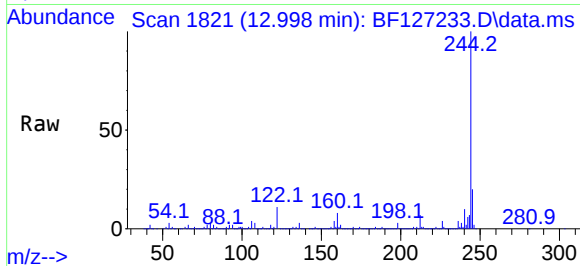




#79
Terphenyl-d14
Concen: 56.771 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

Tgt Ion:244 Resp: 1005960
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.2 13.3 19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BF127233.D
Acq: 07 Mar 2022 21:21

Tgt Ion:264 Resp: 196531
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.3 17.4 26.2

