

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127619.D
 Acq On : 01 Apr 2022 18:34
 Operator : CG\JU
 Sample : N2167-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAIL-PILE-2

Quant Time: Apr 01 23:49:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

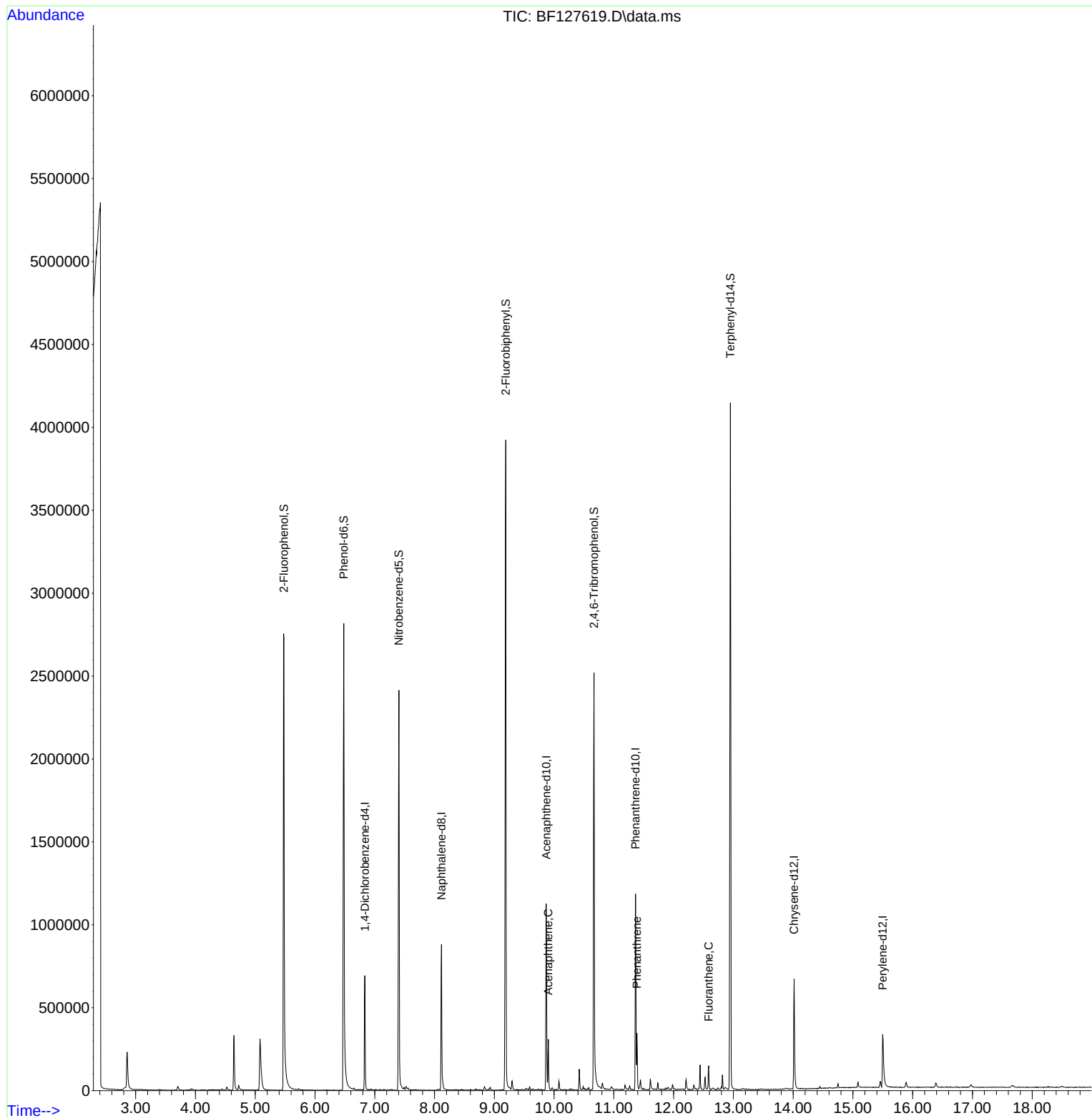
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	99453	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	378676	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	220734	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	404717	20.000	ng	0.00
76) Chrysene-d12	14.015	240	258971	20.000	ng	0.00
86) Perylene-d12	15.498	264	189119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	833124	133.716	ng	0.02
7) Phenol-d6	6.481	99	1051693	123.487	ng	0.00
23) Nitrobenzene-d5	7.404	82	824400	93.060	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	330657	140.622	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1356791	89.756	ng	0.00
79) Terphenyl-d14	12.951	244	1584776	100.178	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	9.904	154	62008	5.355	ng	97
71) Phenanthrene	11.386	178	115714	5.484	ng	100
75) Fluoranthene	12.586	202	55737	2.402	ng	98

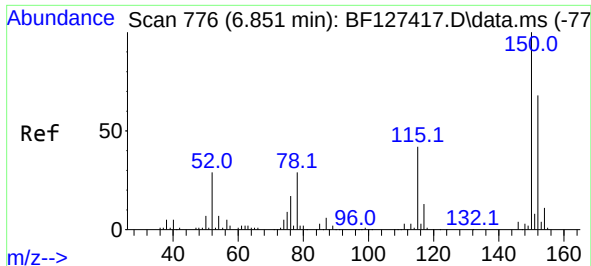
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127619.D
Acq On : 01 Apr 2022 18:34
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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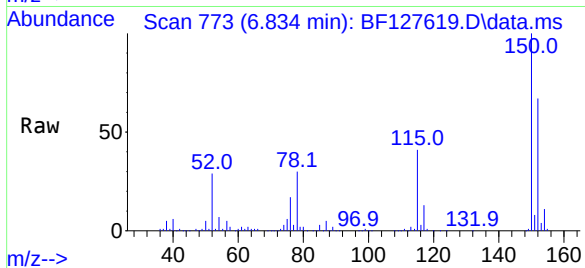
Quant Time: Apr 01 23:49:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration



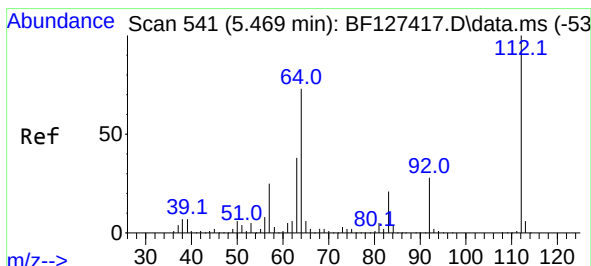
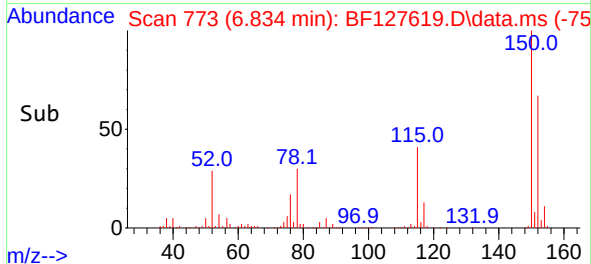
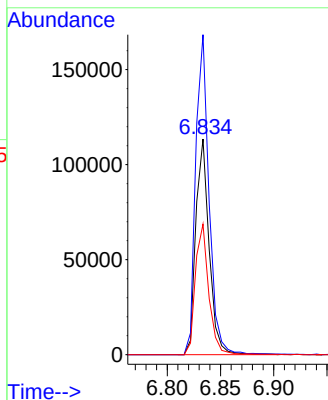


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Instrument :
BNA_F
ClientSampleId :
RAIL-PILE-2

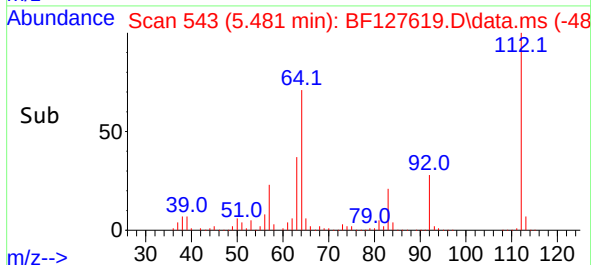
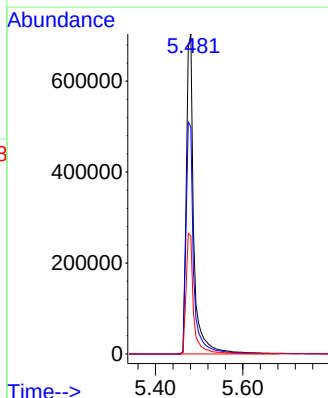
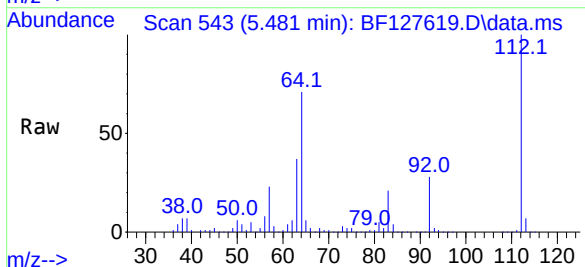


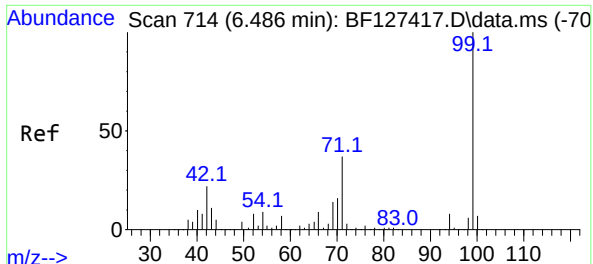
Tgt Ion:152 Resp: 99453
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 60.5 49.8 74.6



#5
2-Fluorophenol
Concen: 133.716 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.024 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Tgt Ion:112 Resp: 833124
Ion Ratio Lower Upper
112 100
64 71.0 58.4 87.6
63 36.9 30.1 45.1



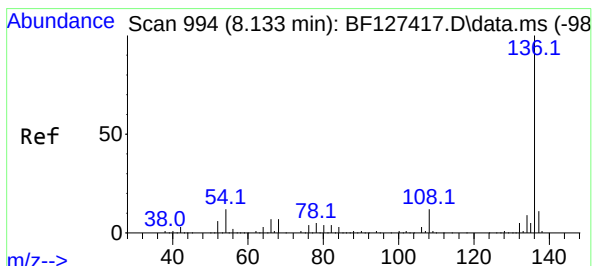
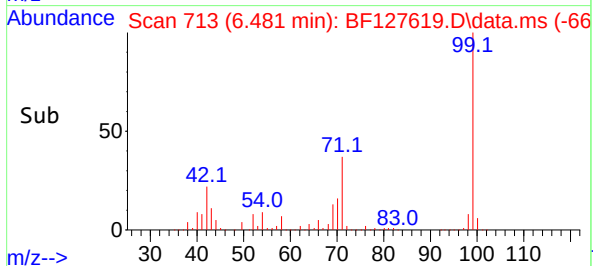
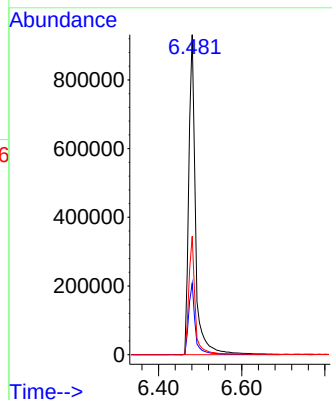
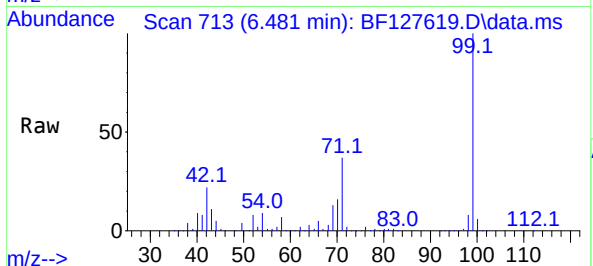


#7
Phenol-d6
Concen: 123.487 ng
RT: 6.481 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Instrument :
BNA_F
ClientSampleId :
RAIL-PILE-2

Tgt Ion: 99 Resp: 1051693

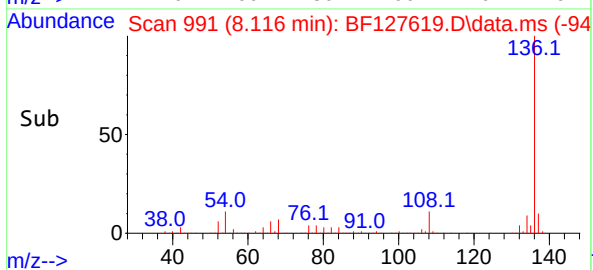
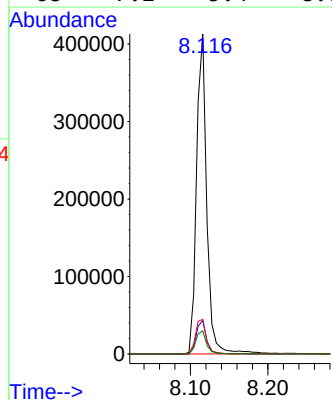
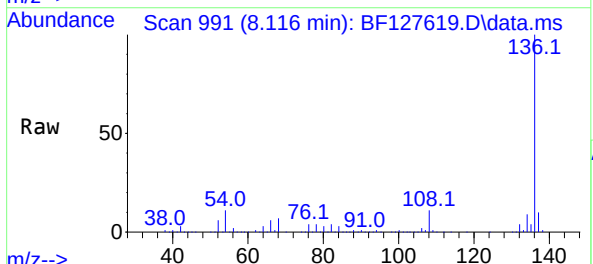
Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.8	26.6
71	37.0	29.6	44.4

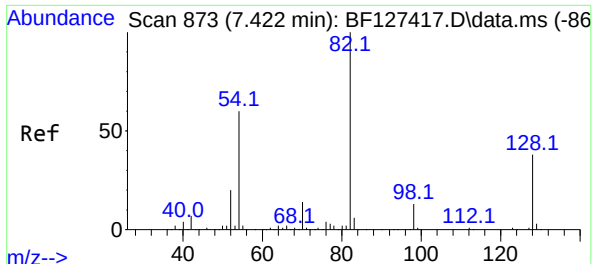


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Tgt Ion: 136 Resp: 378676

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	10.8	9.2	13.8
68	7.2	5.4	8.0

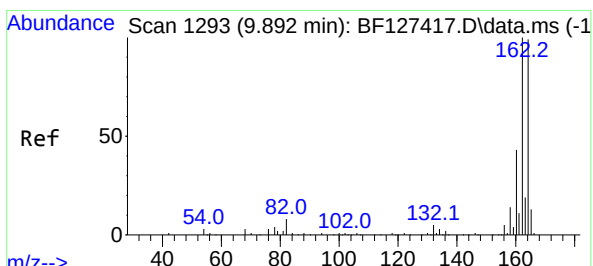
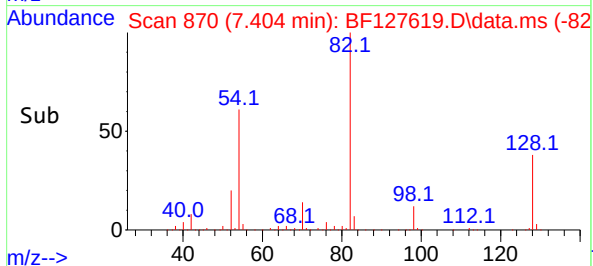
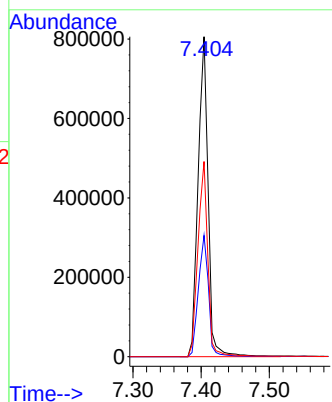
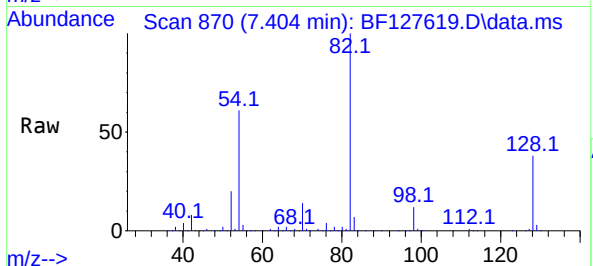




#23
Nitrobenzene-d5
Concen: 93.060 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

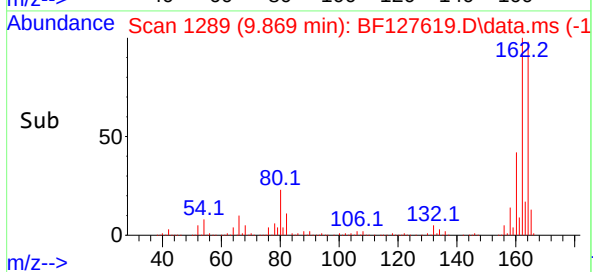
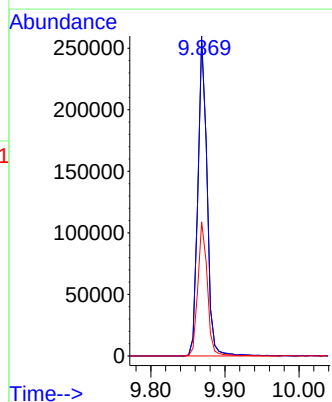
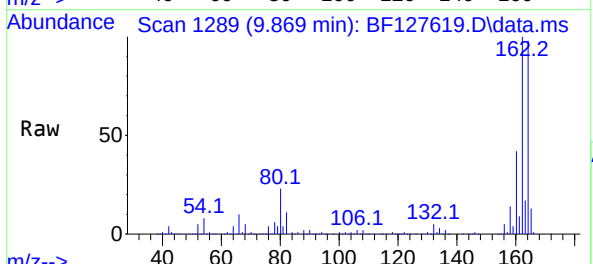
Instrument :
BNA_F
ClientSampleId :
RAIL-PILE-2

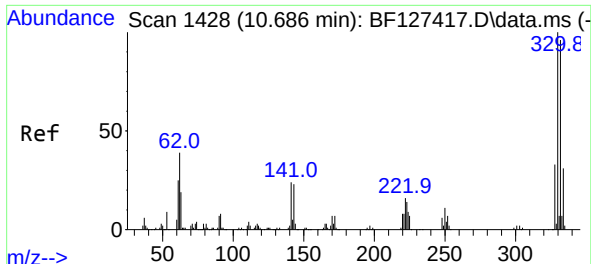
Tgt Ion: 82 Resp: 824400
Ion Ratio Lower Upper
82 100
128 37.9 30.6 45.8
54 61.0 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

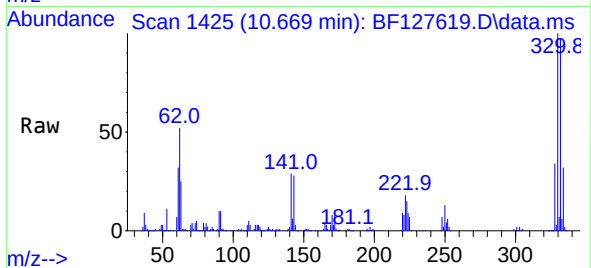
Tgt Ion:164 Resp: 220734
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 42.6 34.6 52.0



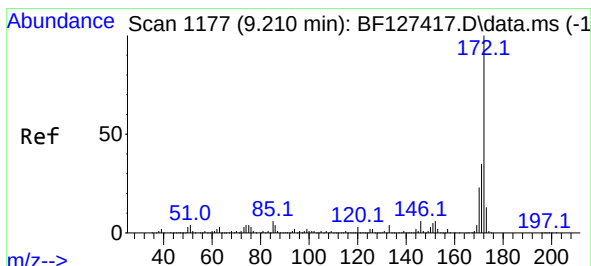
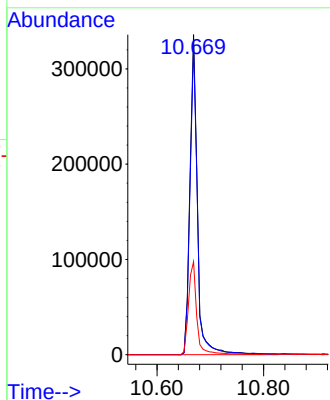
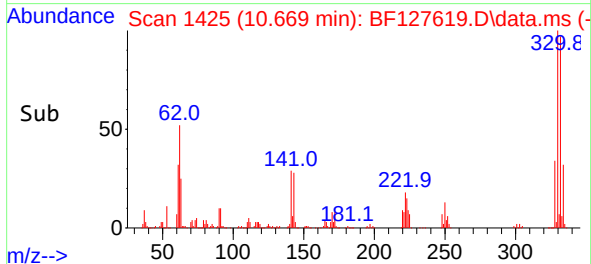


#42
2,4,6-Tribromophenol
Concen: 140.622 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

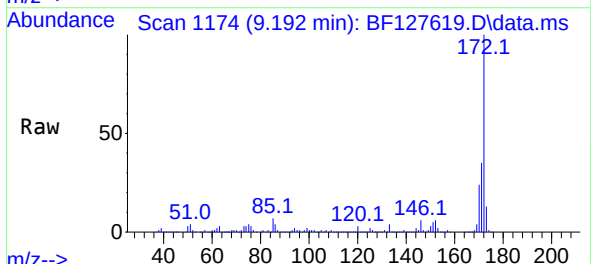
Instrument :
BNA_F
ClientSampleId :
RAIL-PILE-2



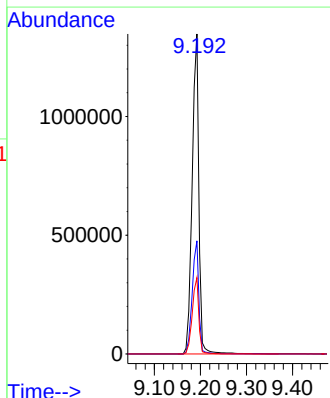
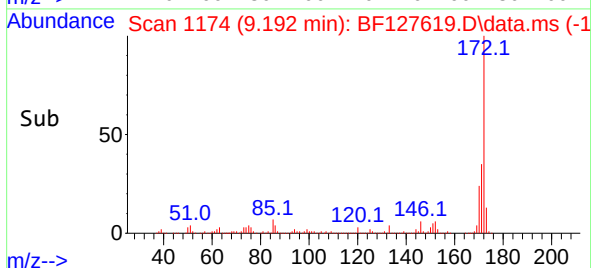
Tgt Ion:330 Resp: 330657
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 32.1 26.2 39.4

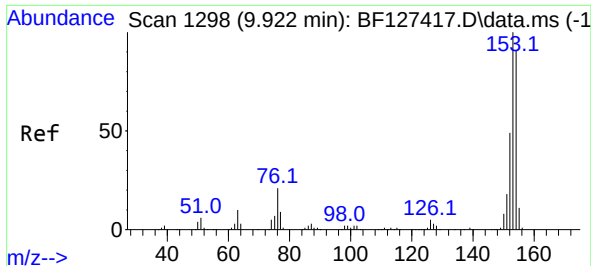


#45
2-Fluorobiphenyl
Concen: 89.756 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34



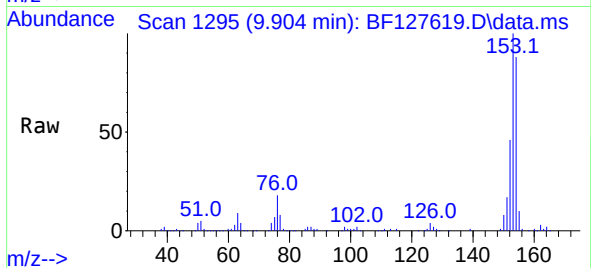
Tgt Ion:172 Resp: 1356791
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.8 18.6 27.8



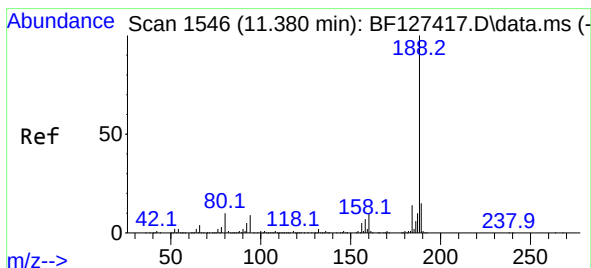
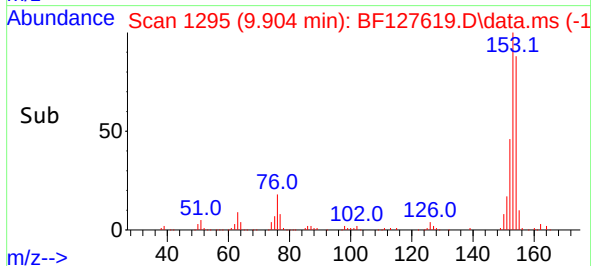
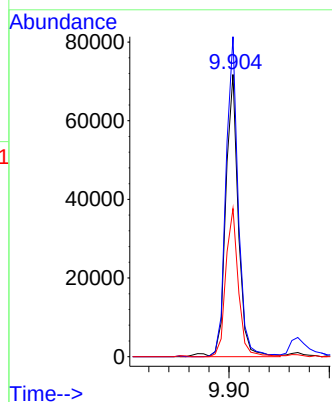


#52
Acenaphthene
Concen: 5.355 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Instrument :
BNA_F
ClientSampleId :
RAIL-PILE-2

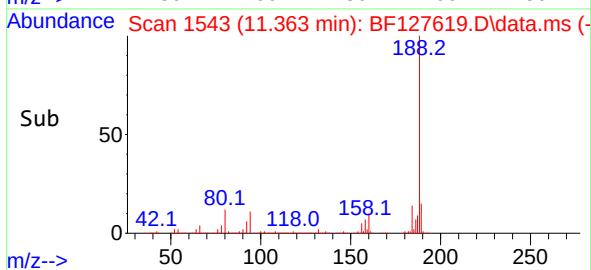
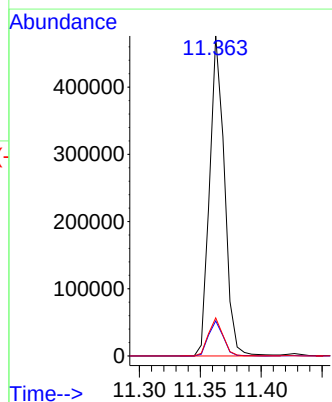
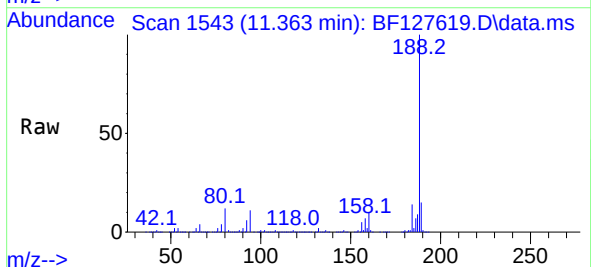


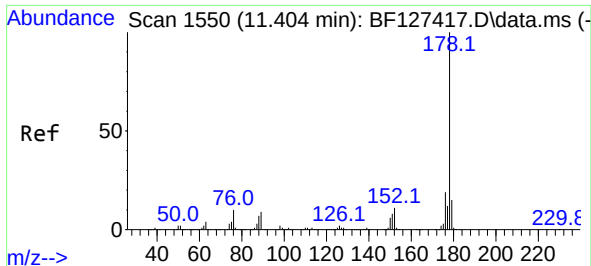
Tgt Ion:154 Resp: 62008
Ion Ratio Lower Upper
154 100
153 113.4 87.6 131.4
152 52.5 42.9 64.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Tgt Ion:188 Resp: 404717
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.0
80 11.9 8.0 12.0

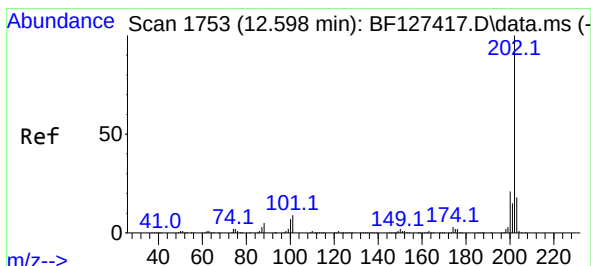
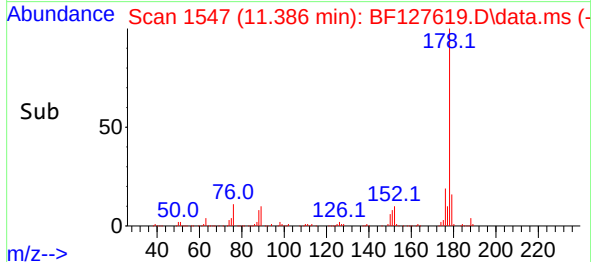
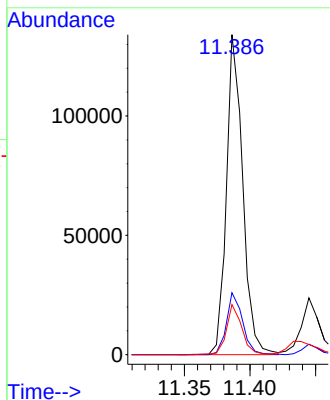
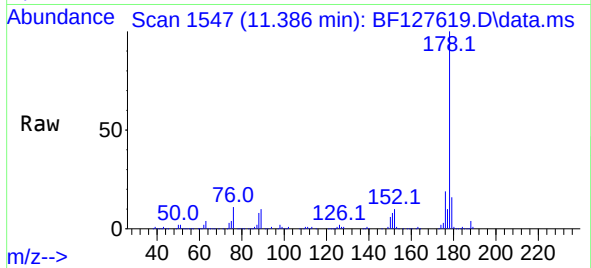




#71
Phenanthrene
Concen: 5.484 ng
RT: 11.386 min Scan# 115714
Delta R.T. -0.006 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

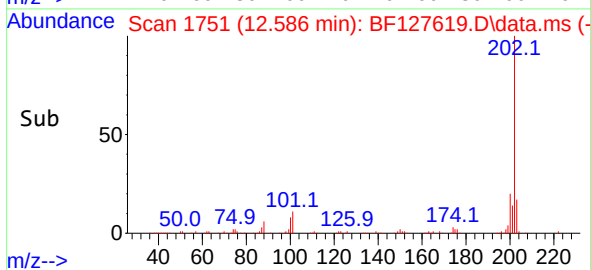
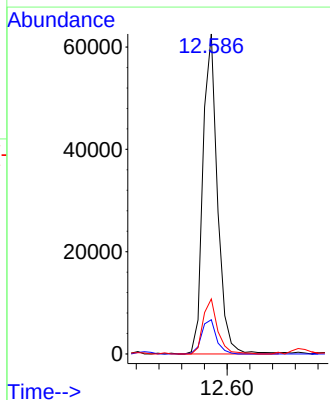
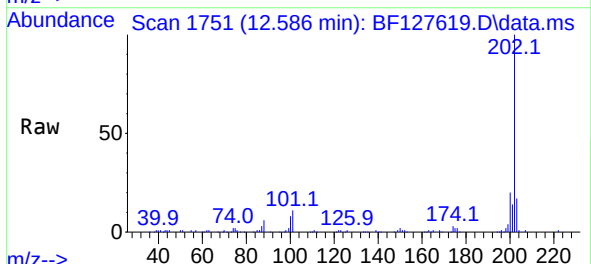
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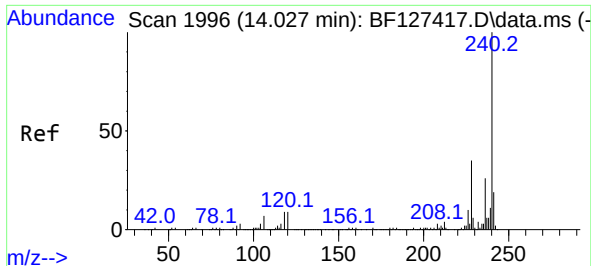
Tgt Ion:178 Resp: 115714
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.4 18.6



#75
Fluoranthene
Concen: 2.402 ng
RT: 12.586 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Tgt Ion:202 Resp: 55737
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.0
203 17.2 0.0 37.7

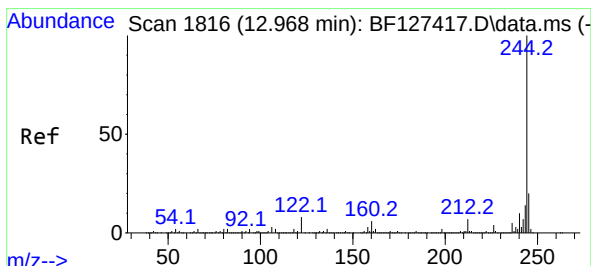
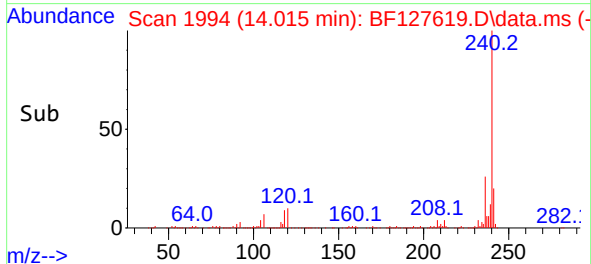
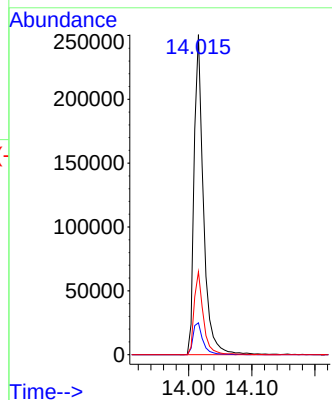
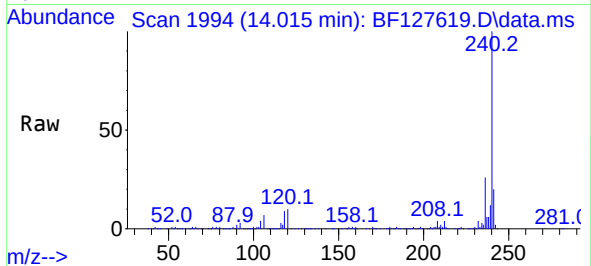




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

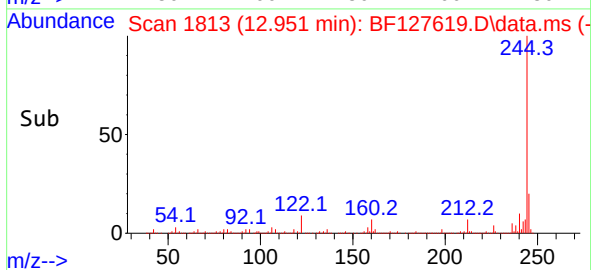
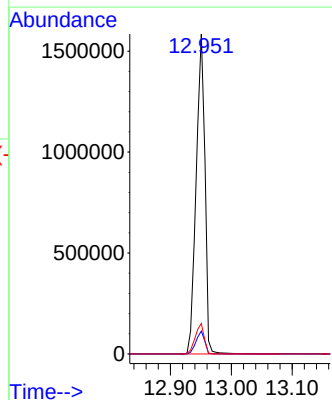
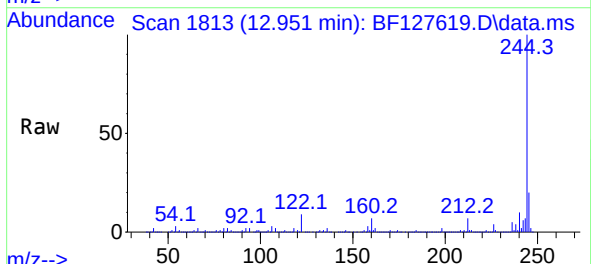
Instrument :
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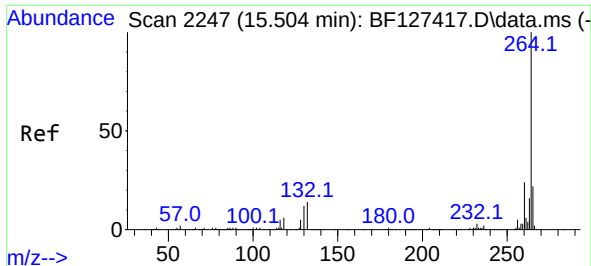
Tgt Ion:240 Resp: 258971
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 100.178 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

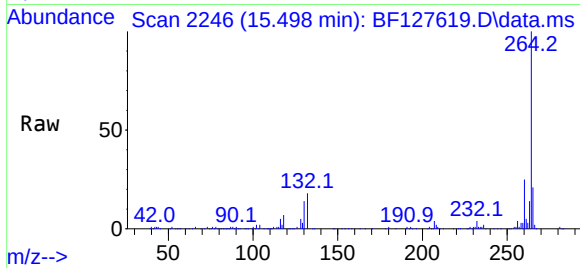
Tgt Ion:244 Resp: 1584776
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.5 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127619.D
Acq: 01 Apr 2022 18:34

Instrument :
BNA_F
ClientSampleId :
RAIL-PILE-2



Tgt Ion:264 Resp: 189119

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	21.3	17.4	26.2

