

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127500.D
 Acq On : 24 Mar 2022 14:00
 Operator : CG\JU
 Sample : N2062-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2R

Quant Time: Mar 24 15:21:40 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 22 02:16:33 2022
 Response via : Initial Calibration

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

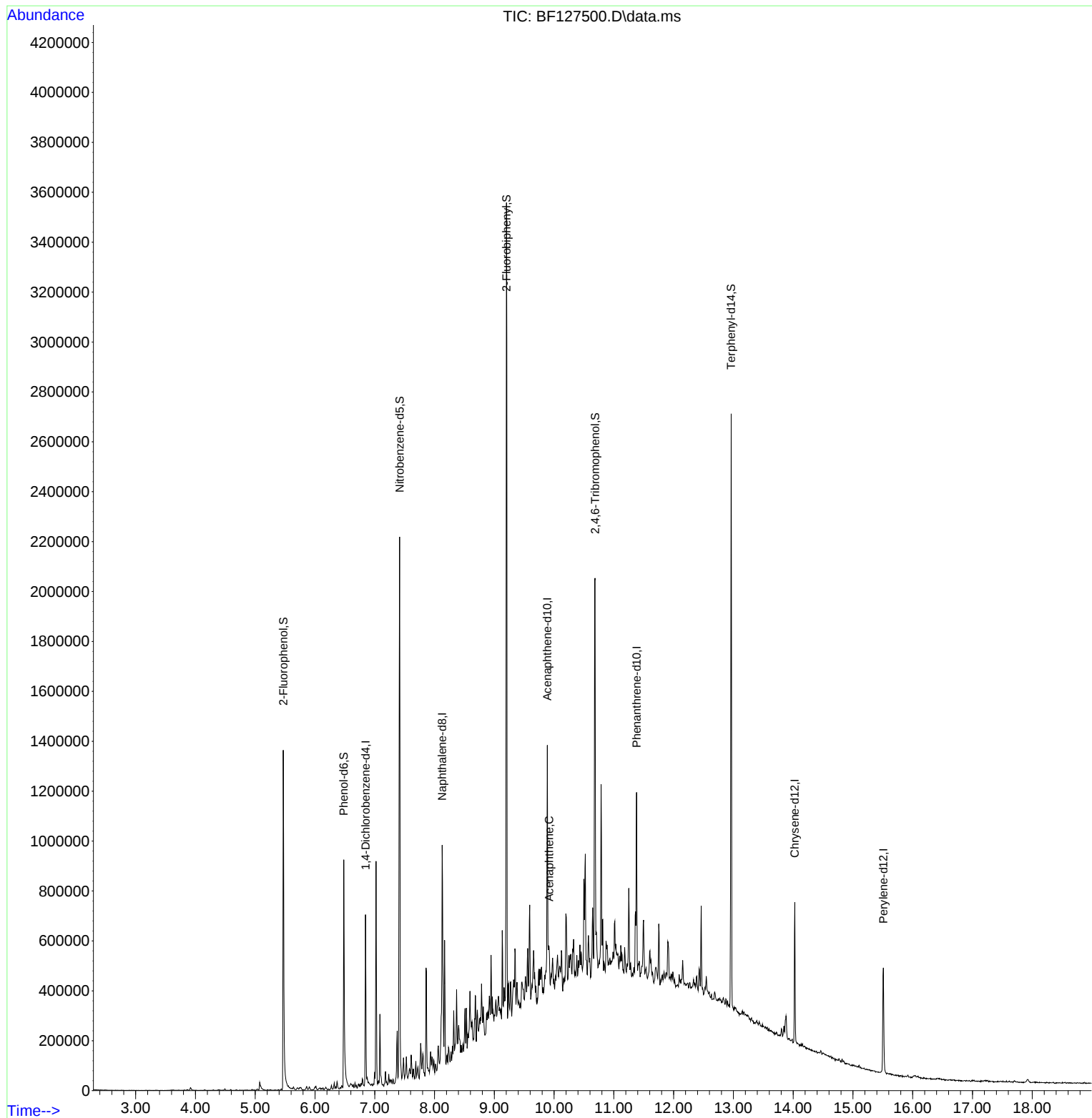
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	87729	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	308885	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172676	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	248056	20.000	ng	0.00
76) Chrysene-d12	14.027	240	190054	20.000	ng	0.00
86) Perylene-d12	15.510	264	198719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	357358	65.021	ng	0.00
7) Phenol-d6	6.481	99	306809	40.839	ng	0.00
23) Nitrobenzene-d5	7.416	82	643253	89.018	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	221800	120.580	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1054932	89.210	ng	0.00
79) Terphenyl-d14	12.963	244	813471	70.068	ng	0.00
Target Compounds						
52) Acenaphthene	9.916	154	19793	2.185	ng	Qvalue 93

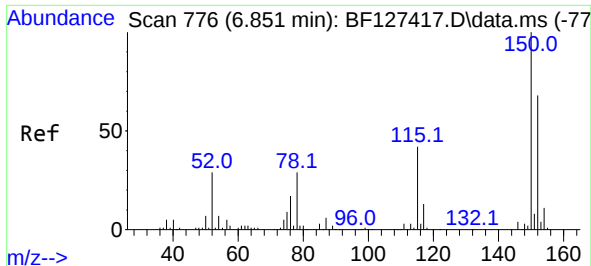
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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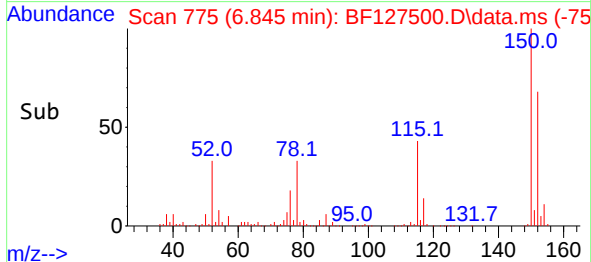
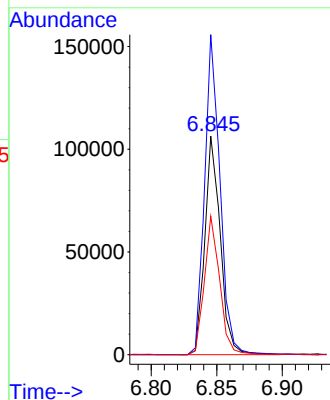
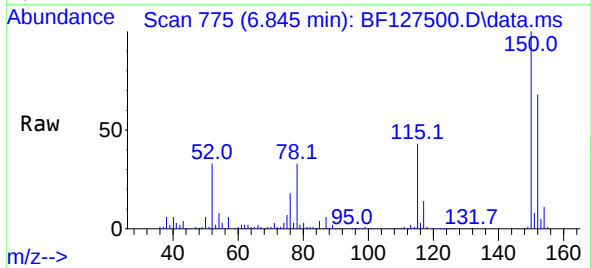




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

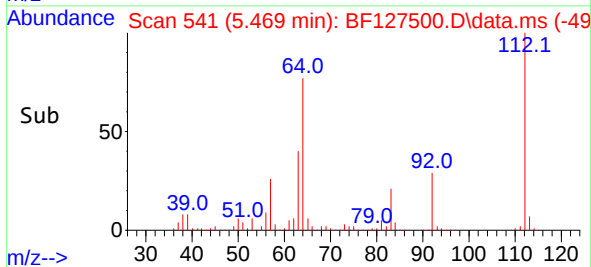
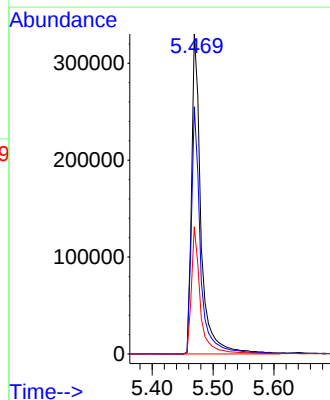
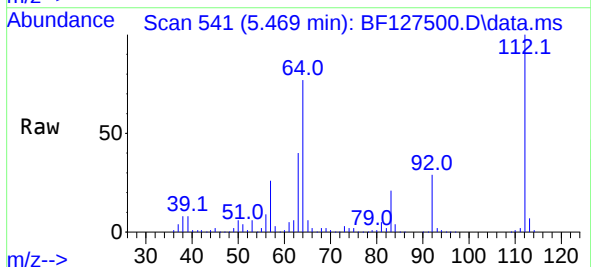
Instrument :
BNA_F
ClientSampleId :
MW-2R

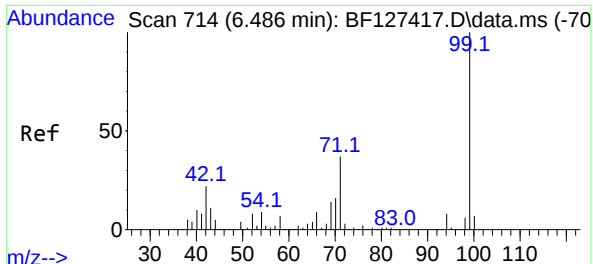
Tgt Ion:152 Resp: 87729
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 63.3 49.8 74.6



#5
2-Fluorophenol
Concen: 65.021 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:112 Resp: 357358
Ion Ratio Lower Upper
112 100
64 77.2 58.4 87.6
63 39.7 30.1 45.1

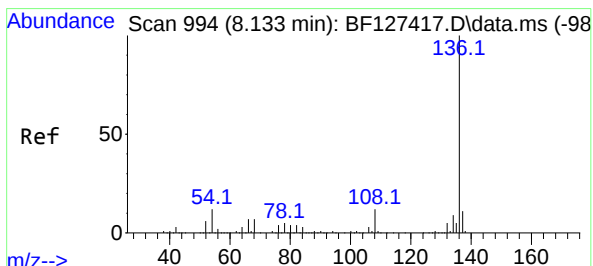
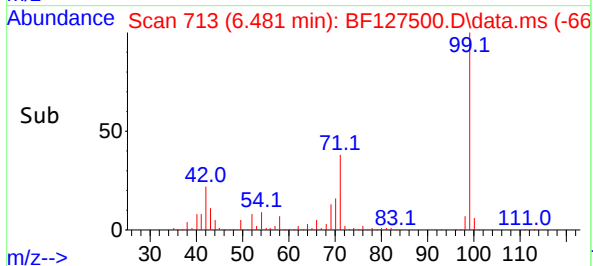
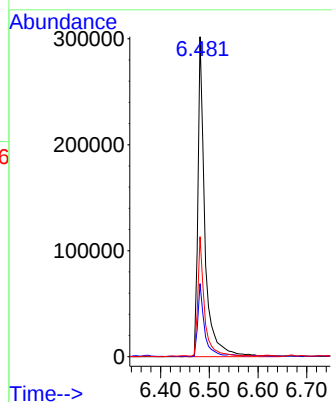
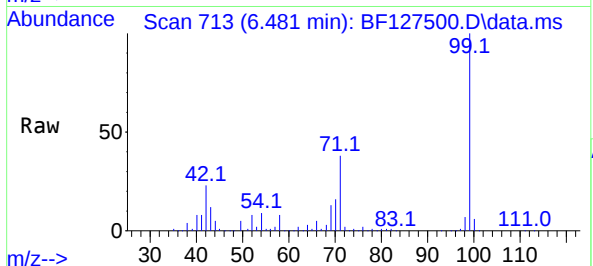




#7
Phenol-d6
Concen: 40.839 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

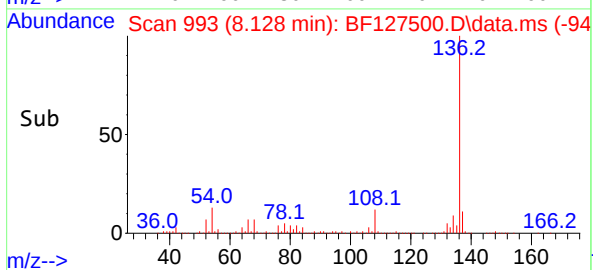
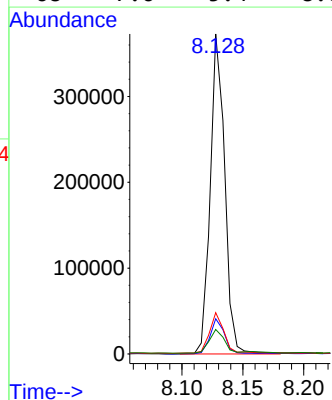
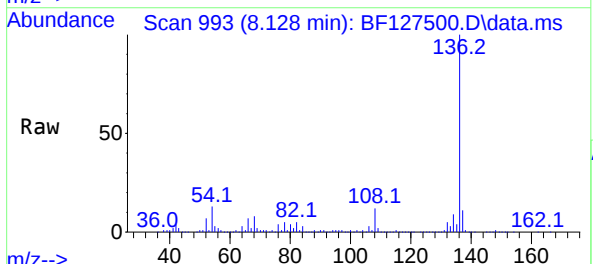
Instrument :
BNA_F
ClientSampleId :
MW-2R

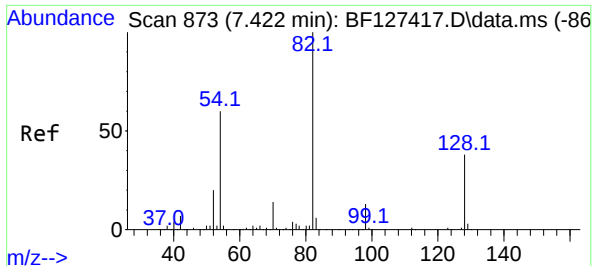
Tgt Ion: 99 Resp: 306809
Ion Ratio Lower Upper
99 100
42 22.8 17.8 26.6
71 37.5 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:136 Resp: 308885
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.9 9.2 13.8
68 7.6 5.4 8.0

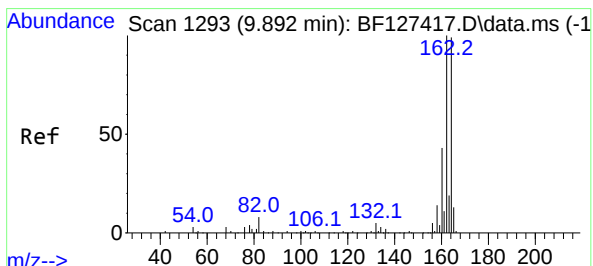
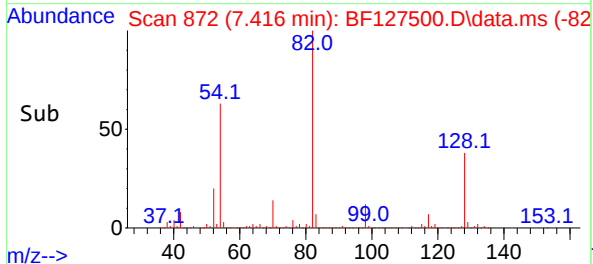
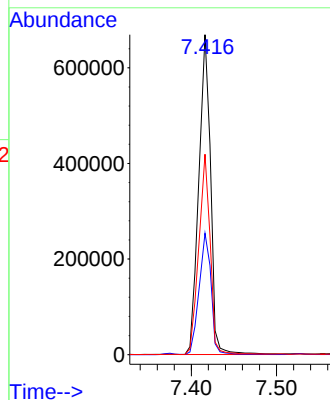
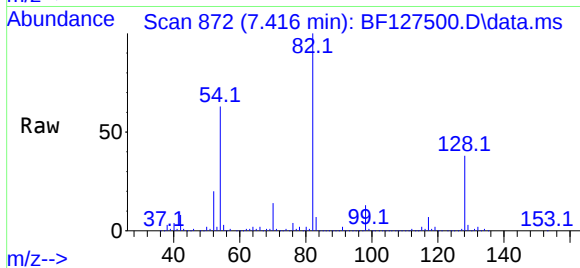




#23
Nitrobenzene-d5
Concen: 89.018 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

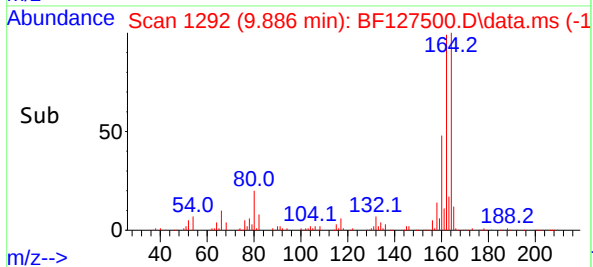
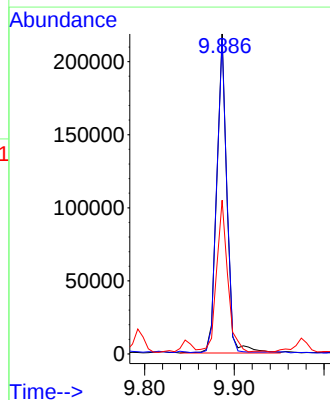
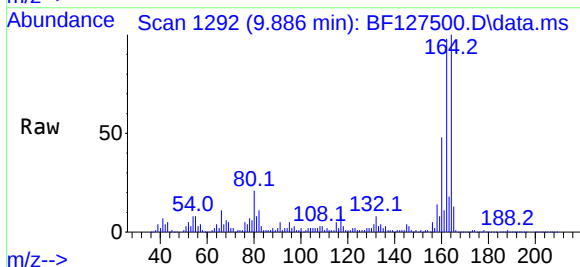
Instrument :
BNA_F
ClientSampleId :
MW-2R

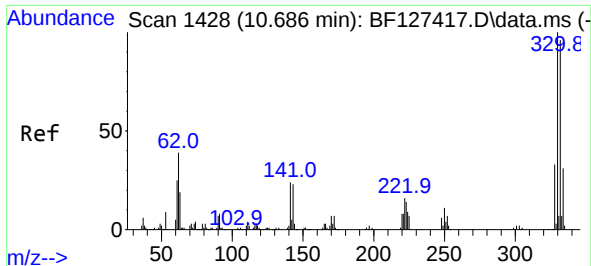
Tgt Ion: 82 Resp: 643253
Ion Ratio Lower Upper
82 100
128 38.0 30.6 45.8
54 62.7 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:164 Resp: 172676
Ion Ratio Lower Upper
164 100
162 98.2 81.2 121.8
160 48.1 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 120.580 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

Instrument :

BNA_F

ClientSampleId :

MW-2R

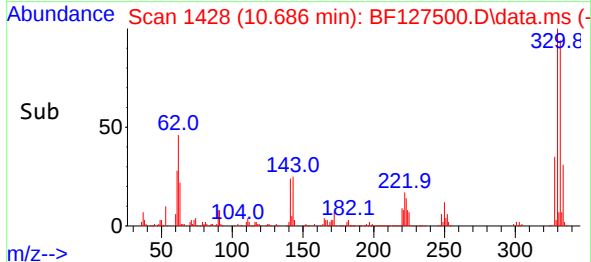
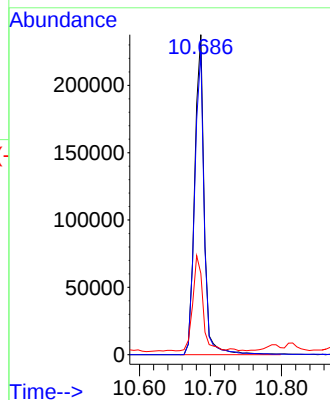
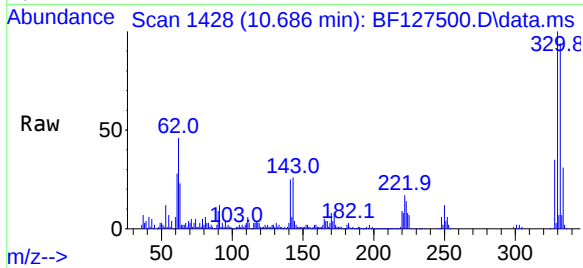
Tgt Ion:330 Resp: 221800

Ion Ratio Lower Upper

330 100

332 95.1 79.1 118.7

141 31.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 89.210 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

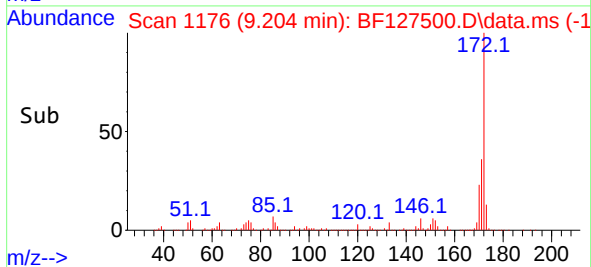
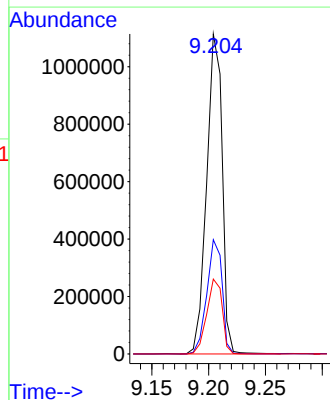
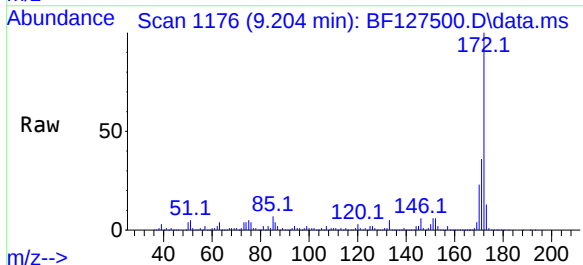
Tgt Ion:172 Resp: 1054932

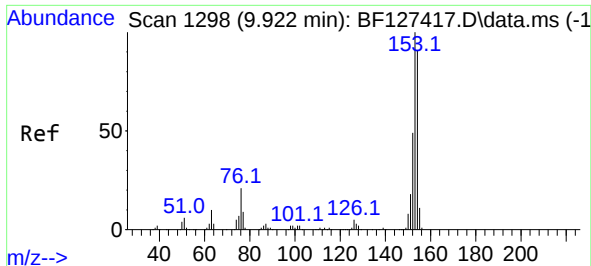
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.4 18.6 27.8

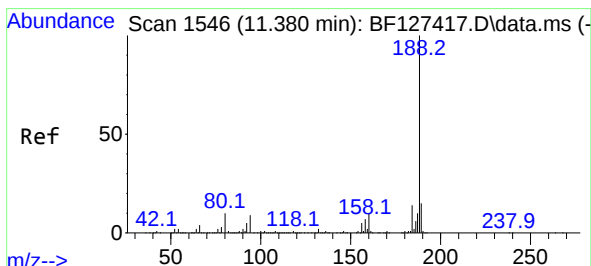
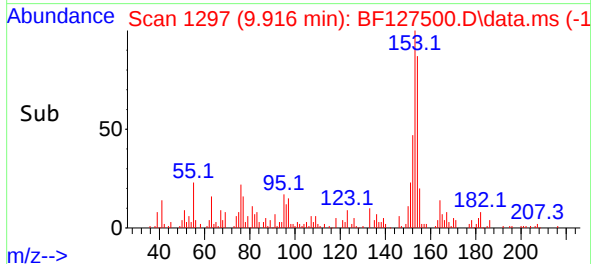
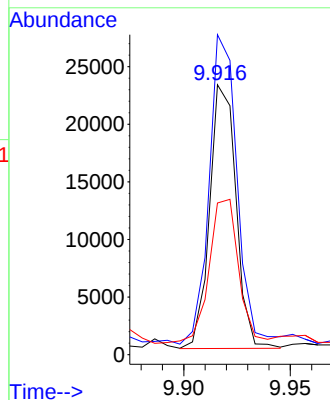
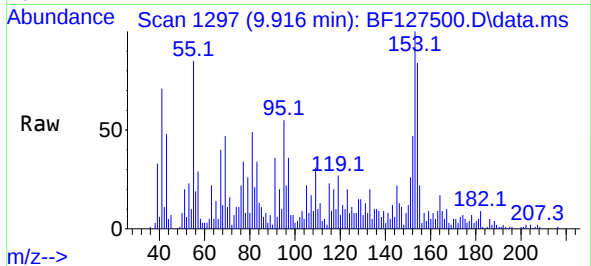




#52
Acenaphthene
Concen: 2.185 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

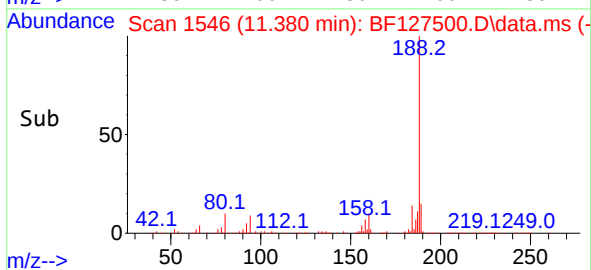
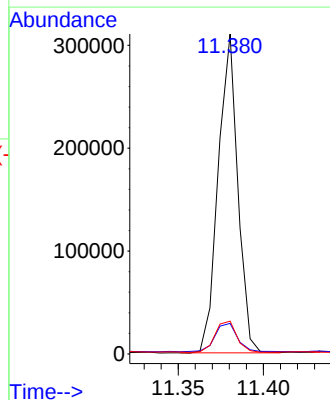
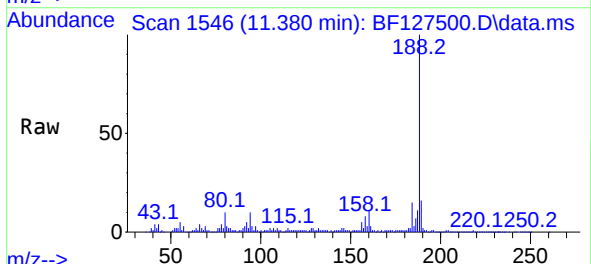
Instrument :
BNA_F
ClientSampleId :
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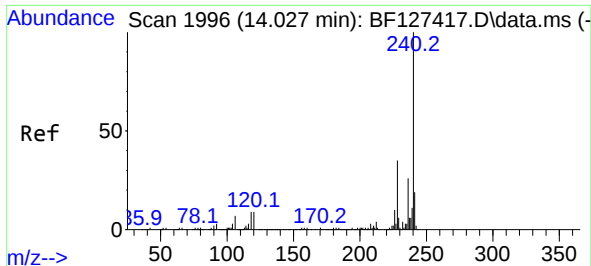
Tgt Ion:154 Resp: 19793
Ion Ratio Lower Upper
154 100
153 118.5 87.6 131.4
152 56.2 42.9 64.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:188 Resp: 248056
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.2 8.0 12.0

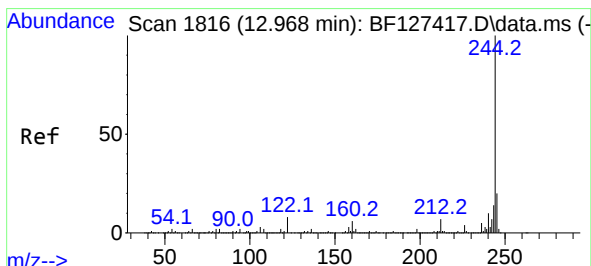
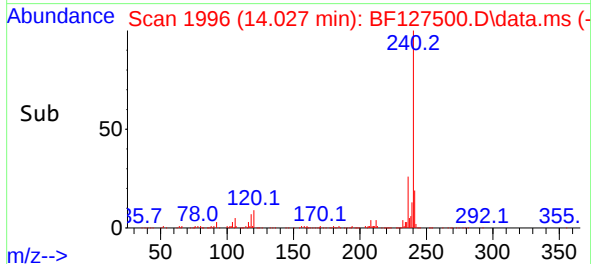
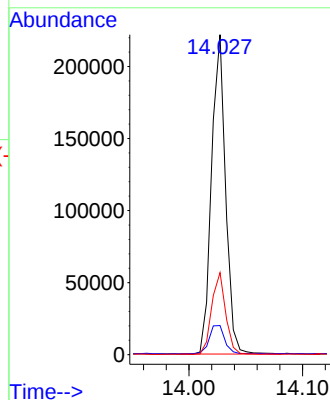
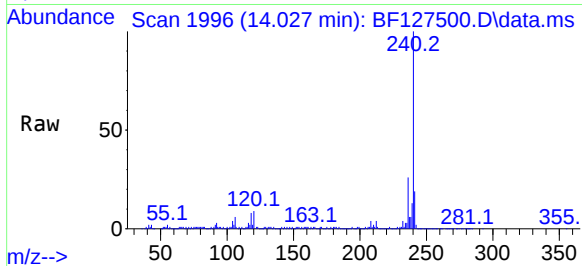




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

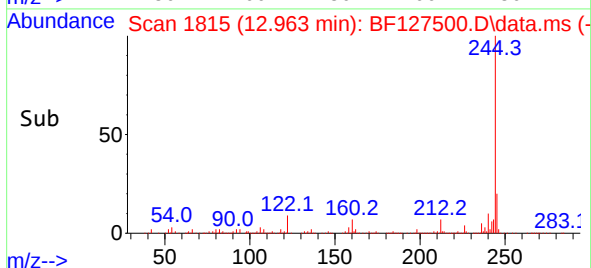
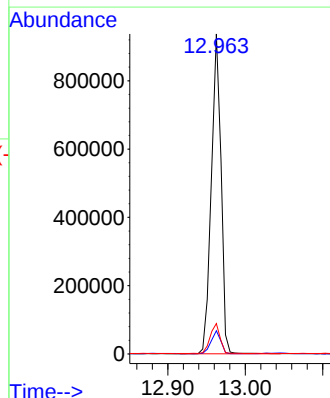
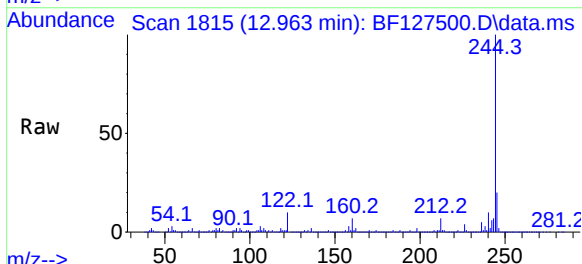
Instrument :
BNA_F
ClientSampleId :
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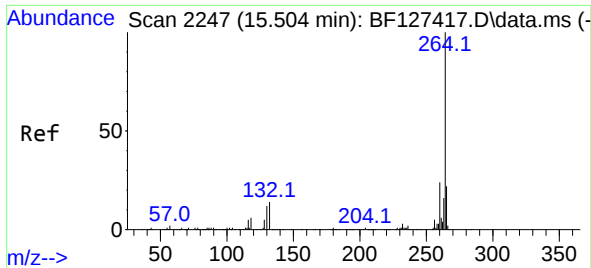
Tgt Ion:240 Resp: 190054
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 70.068 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:244 Resp: 813471
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.5 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Instrument :
BNA_F
ClientSampleId :
MW-2R

Tgt Ion:264 Resp: 198719

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	20.7	17.4	26.2

