

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127445.D
 Acq On : 22 Mar 2022 09:56
 Operator : CG\JU
 Sample : N1962-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-19-18-19

Quant Time: Mar 22 15:23:58 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)

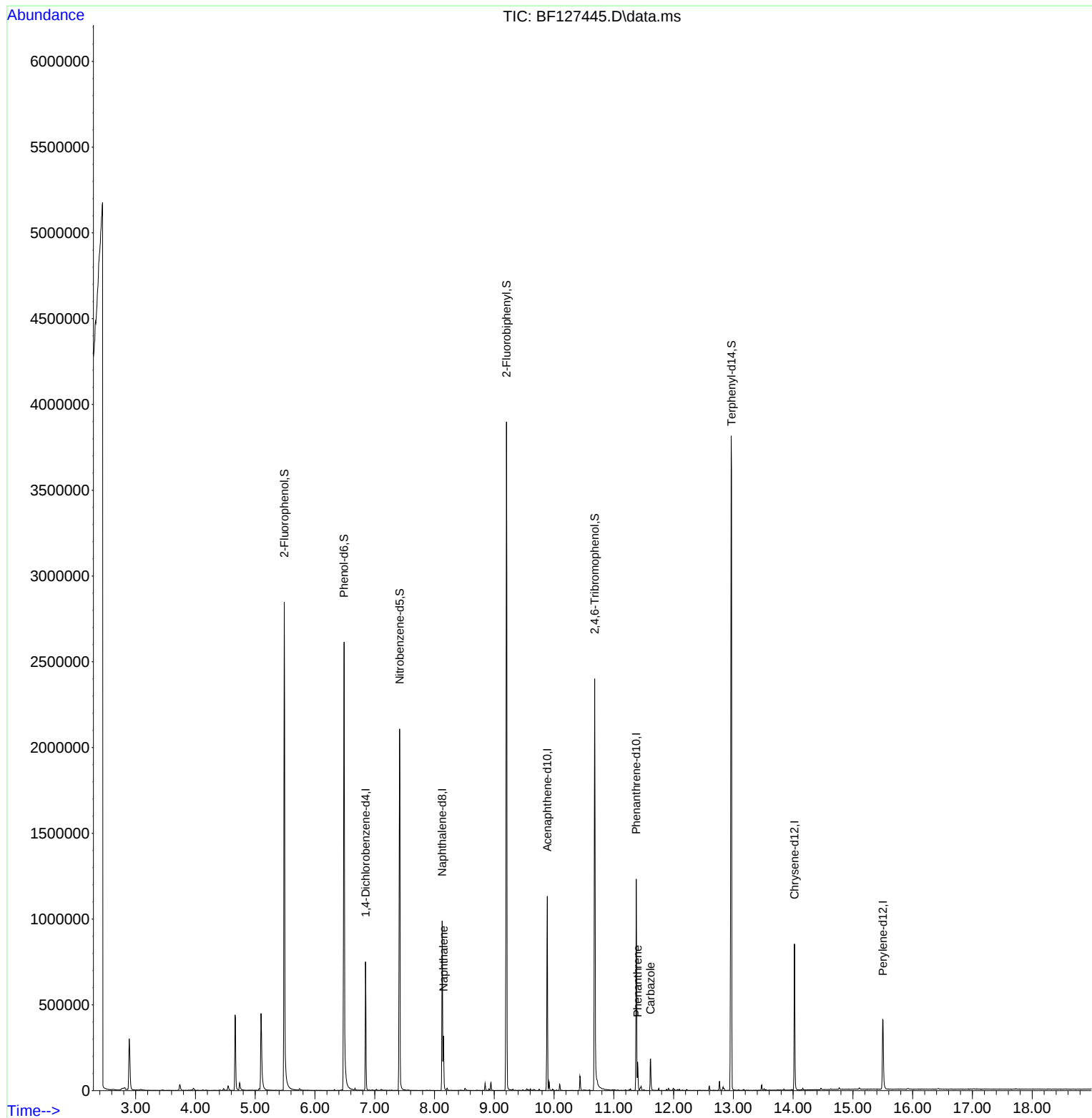
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	100931	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	373983	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	222892	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	409437	20.000	ng	0.00
76) Chrysene-d12	14.022	240	287951	20.000	ng	0.00
86) Perylene-d12	15.504	264	202575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	756493	119.639	ng	0.02
7) Phenol-d6	6.487	99	944921	109.325	ng	0.00
23) Nitrobenzene-d5	7.416	82	766487	87.608	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	314706	132.543	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1300708	85.213	ng	0.00
79) Terphenyl-d14	12.969	244	1567827	89.132	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	127671	6.430	ng	99
71) Phenanthrene	11.398	178	57110	2.675	ng	99
73) Carbazole	11.616	167	80656	3.982	ng	98

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

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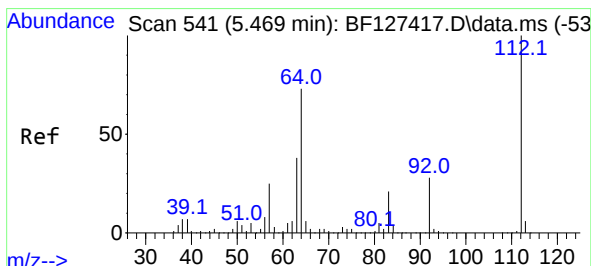
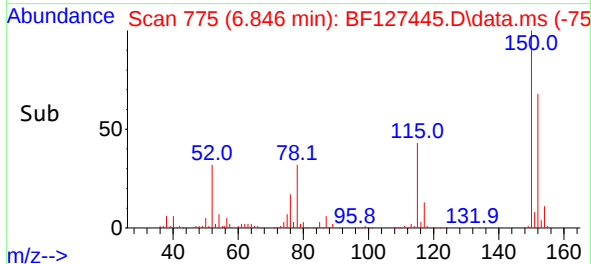
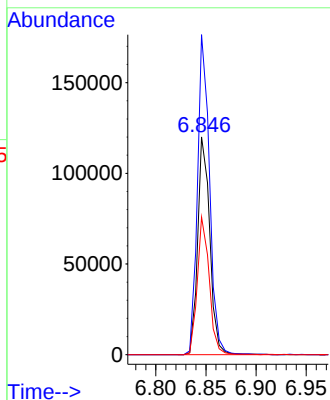
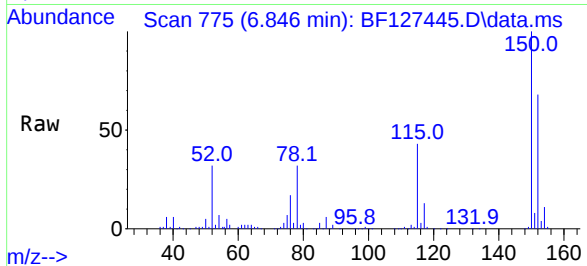




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

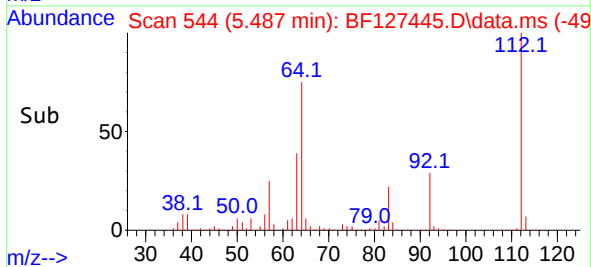
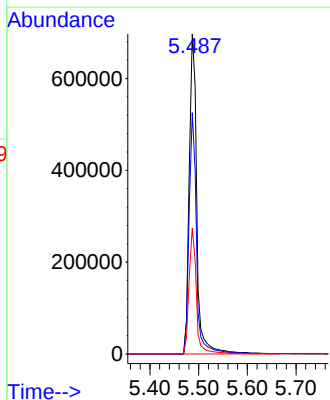
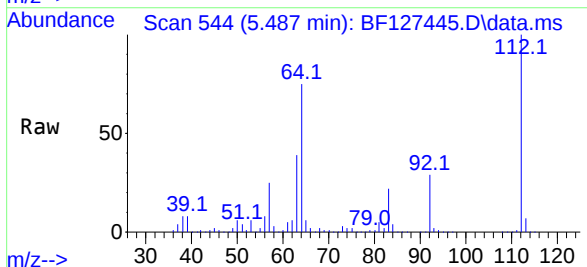
Instrument :
BNA_F
ClientSampleId :
C-19-18-19

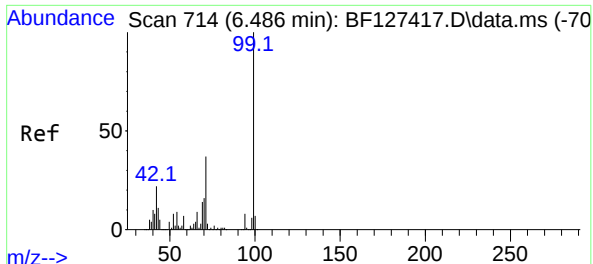
Tgt Ion:152 Resp: 100931
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 63.2 49.8 74.6



#5
2-Fluorophenol
Concen: 119.639 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

Tgt Ion:112 Resp: 756493
Ion Ratio Lower Upper
112 100
64 75.4 58.4 87.6
63 39.2 30.1 45.1



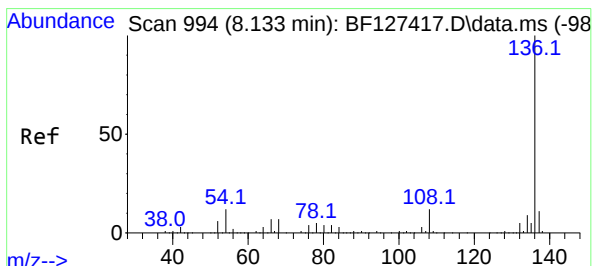
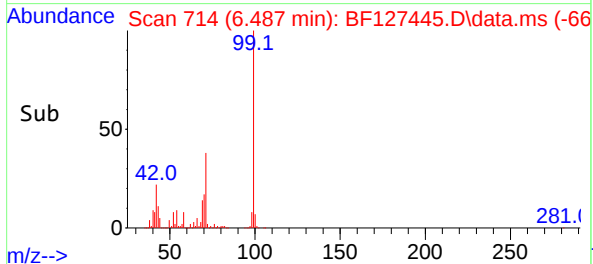
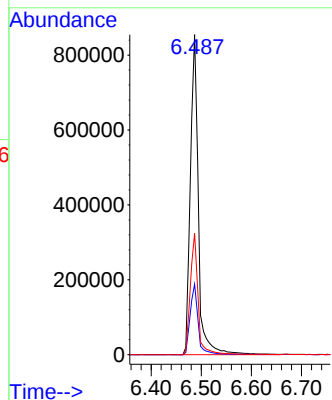
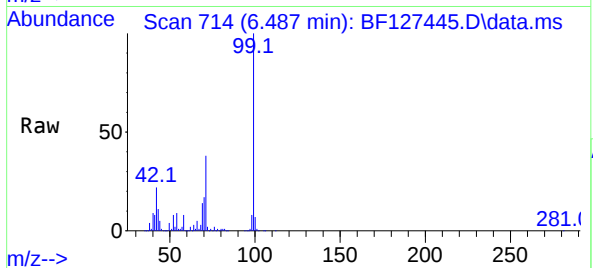


#7
Phenol-d6
Concen: 109.325 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

Instrument :
BNA_F
ClientSampleId :
C-19-18-19

Tgt Ion: 99 Resp: 944921

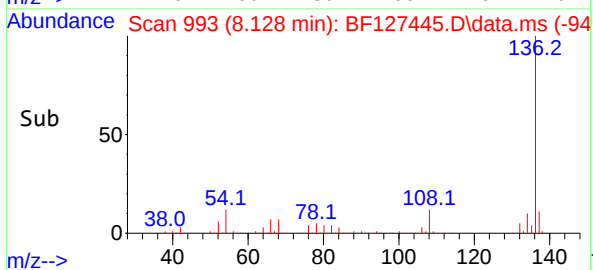
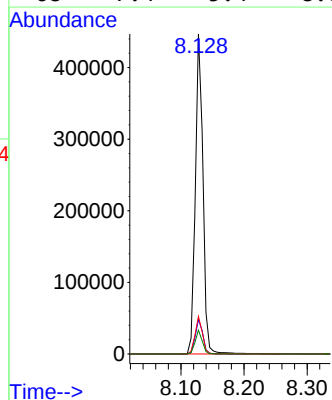
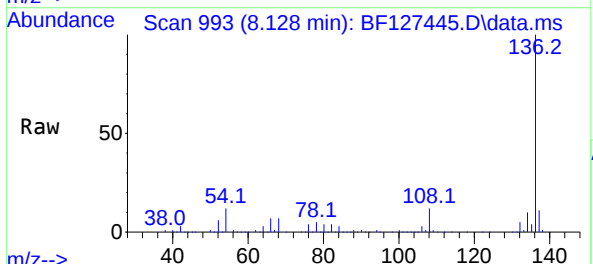
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.8	26.6
71	38.0	29.6	44.4

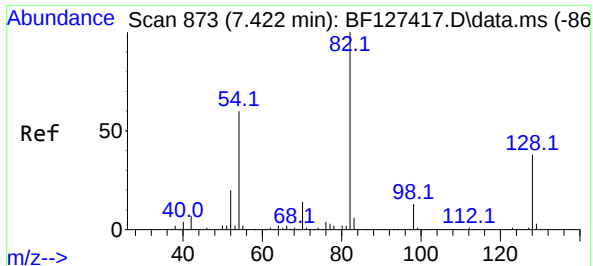


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

Tgt Ion: 136 Resp: 373983

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	11.7	9.2	13.8
68	7.4	5.4	8.0

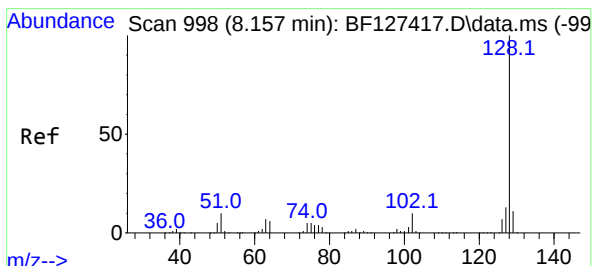
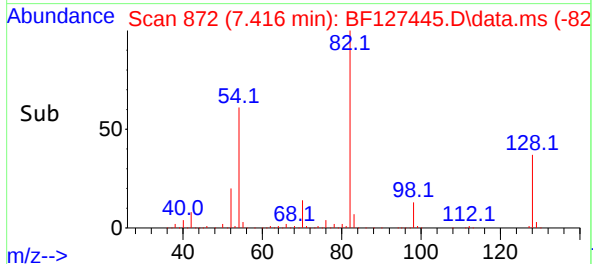
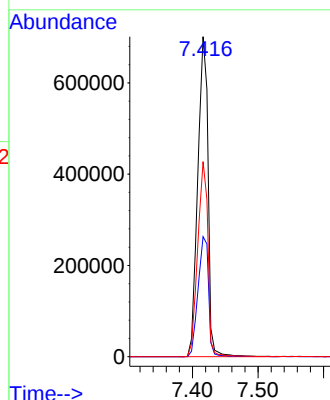
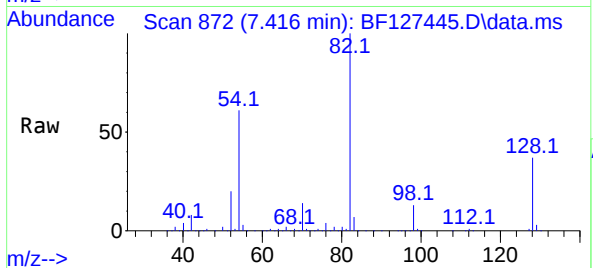




#23
Nitrobenzene-d5
Concen: 87.608 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

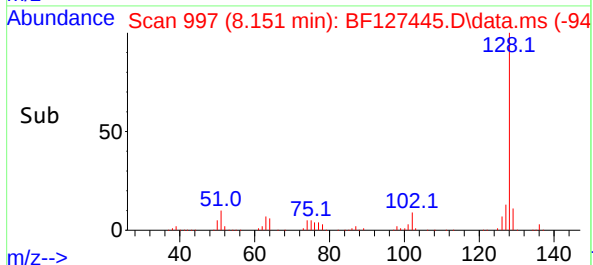
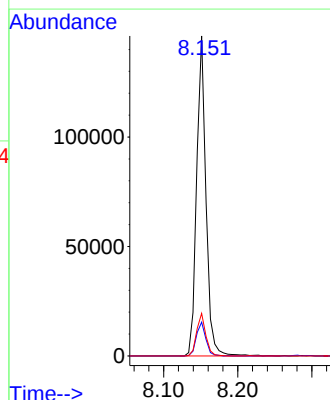
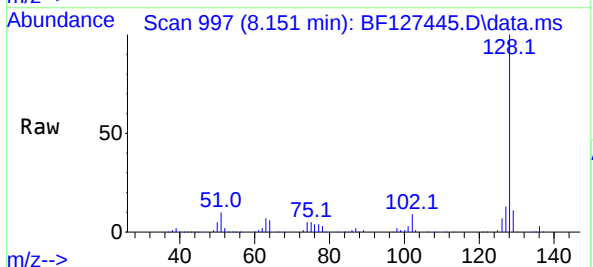
Instrument :
BNA_F
ClientSampleId :
C-19-18-19

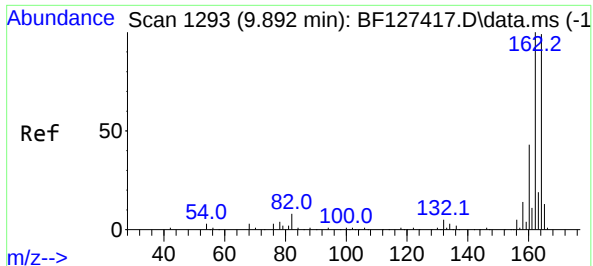
Tgt Ion: 82 Resp: 766487
Ion Ratio Lower Upper
82 100
128 37.5 30.6 45.8
54 61.0 48.2 72.2



#31
Naphthalene
Concen: 6.430 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

Tgt Ion: 128 Resp: 127671
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.3 10.2 15.2

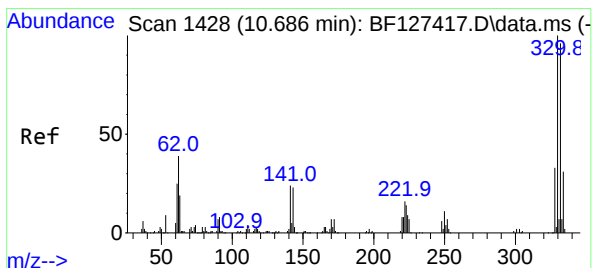
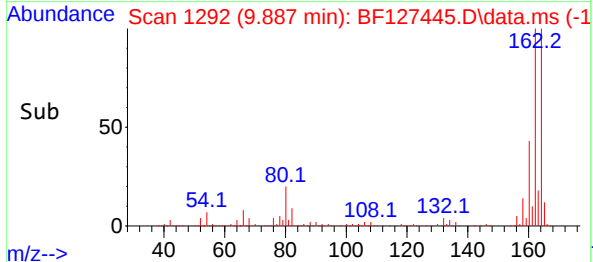
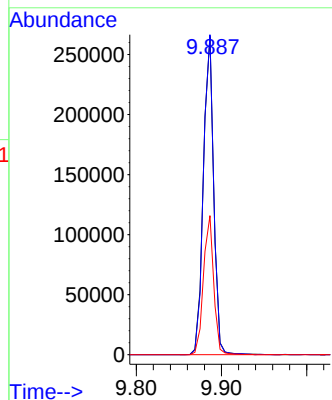
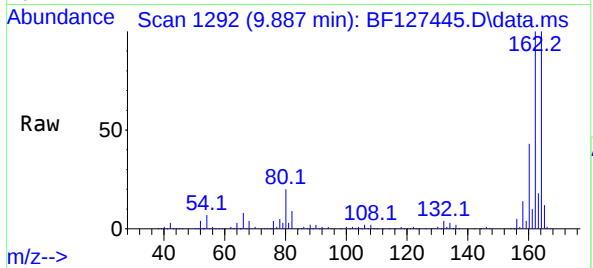




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

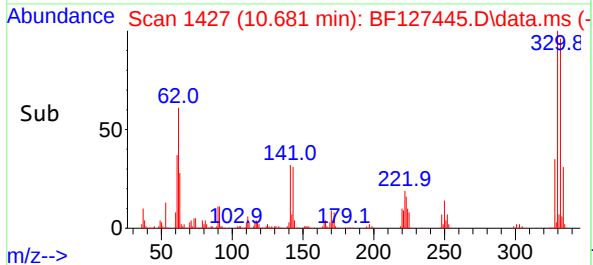
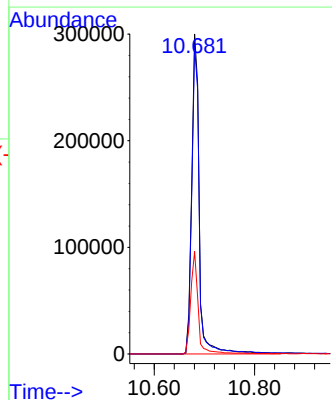
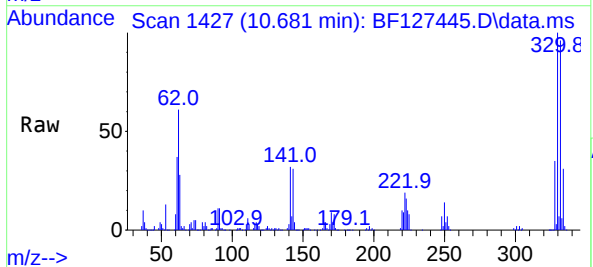
Instrument :
BNA_F
ClientSampleId :
C-19-18-19

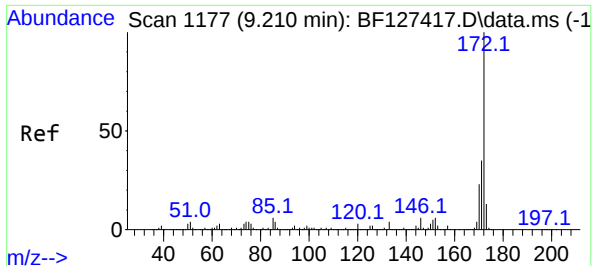
Tgt Ion:164 Resp: 222892
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 43.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 132.543 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

Tgt Ion:330 Resp: 314706
Ion Ratio Lower Upper
330 100
332 94.5 79.1 118.7
141 31.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 85.213 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127445.D

Acq: 22 Mar 2022 09:56

Instrument :

BNA_F

ClientSampleId :

C-19-18-19

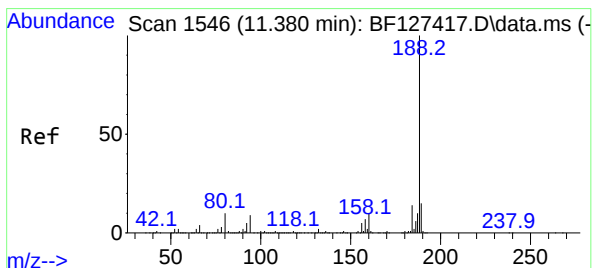
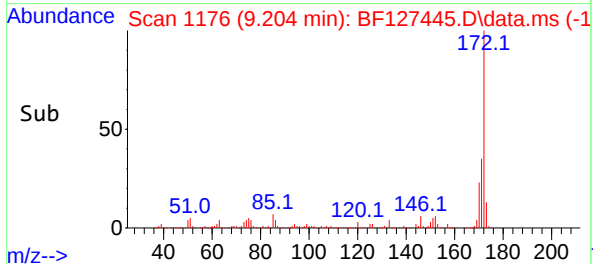
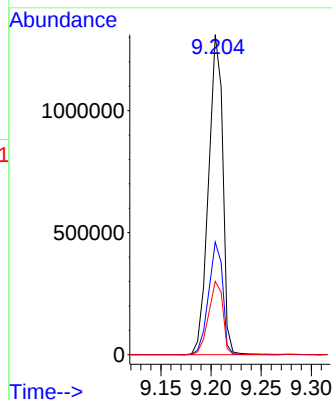
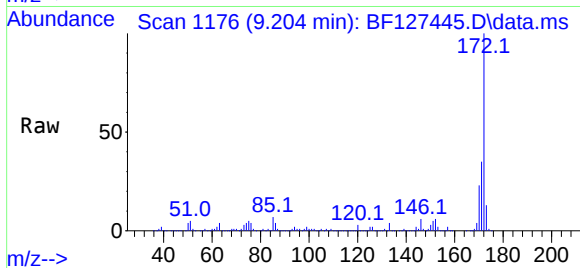
Tgt Ion:172 Resp: 1300708

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 22.9 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1545

Delta R.T. -0.005 min

Lab File: BF127445.D

Acq: 22 Mar 2022 09:56

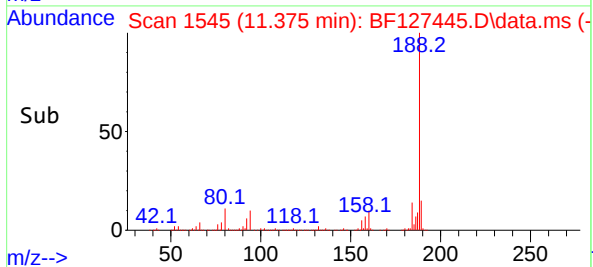
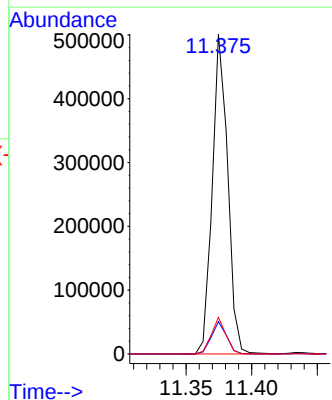
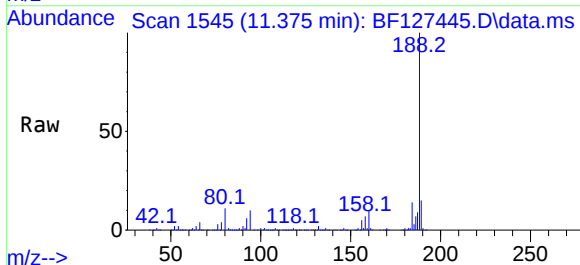
Tgt Ion:188 Resp: 409437

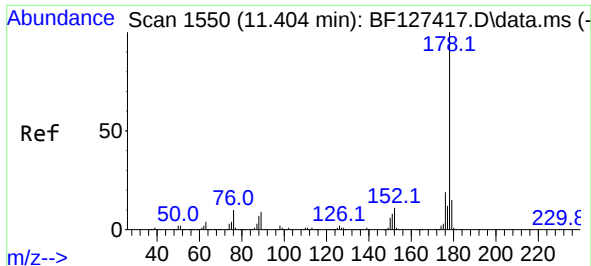
Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 11.4 8.0 12.0

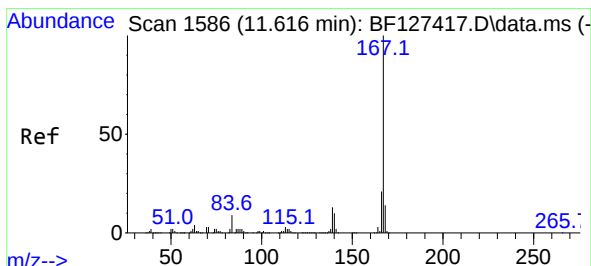
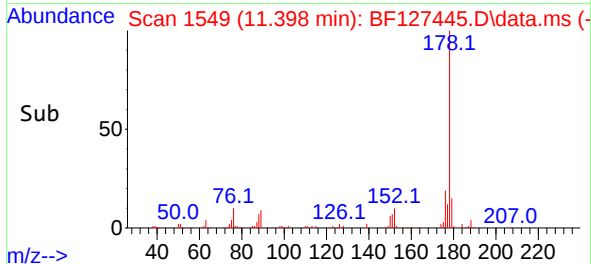
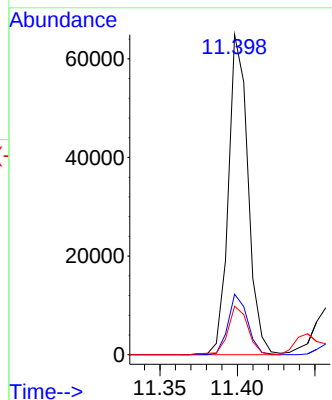
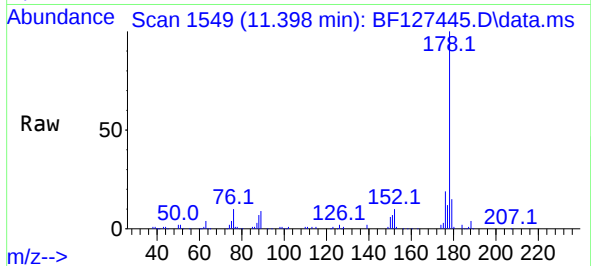




#71
Phenanthrene
Concen: 2.675 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

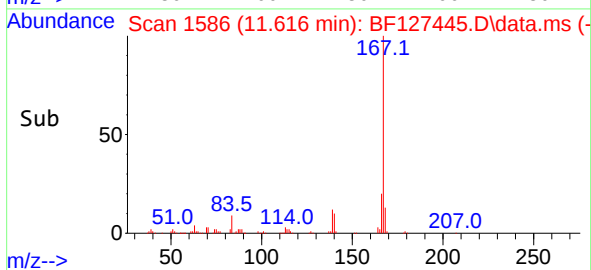
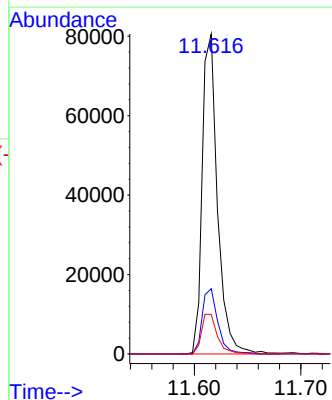
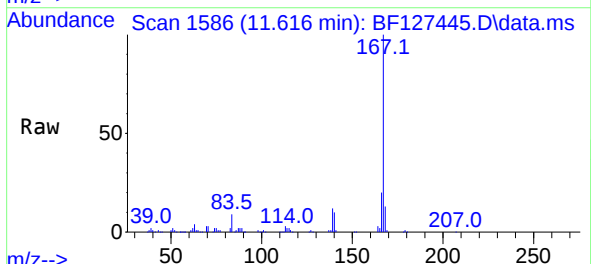
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C-19-18-19

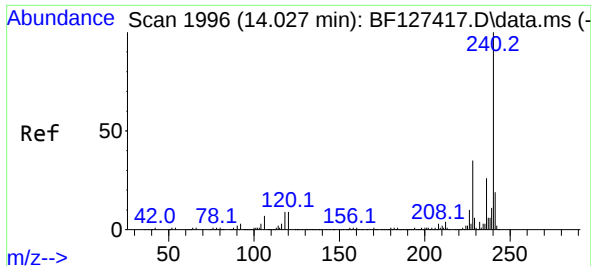
Tgt Ion:178 Resp: 57110
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.4 18.6



#73
Carbazole
Concen: 3.982 ng
RT: 11.616 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

Tgt Ion:167 Resp: 80656
Ion Ratio Lower Upper
167 100
166 20.4 17.0 25.4
139 12.4 10.5 15.7

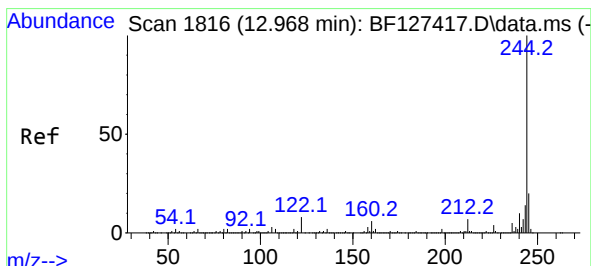
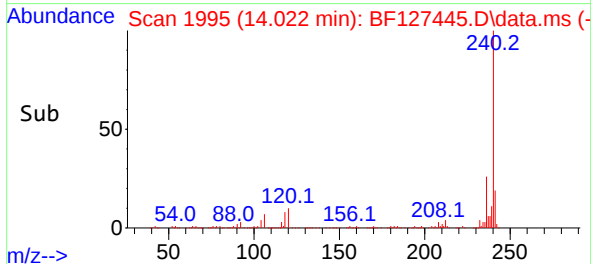
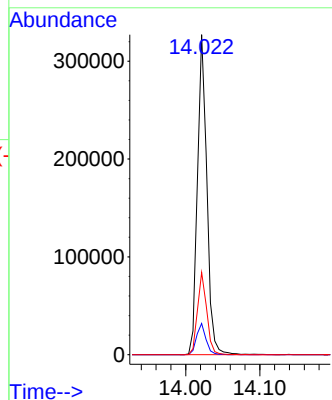
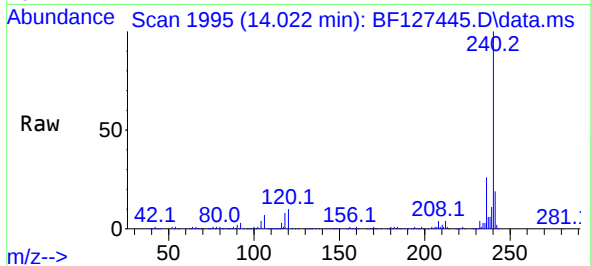




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

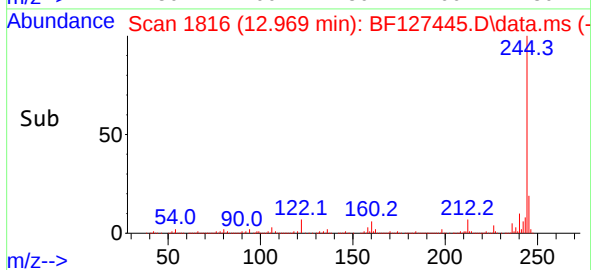
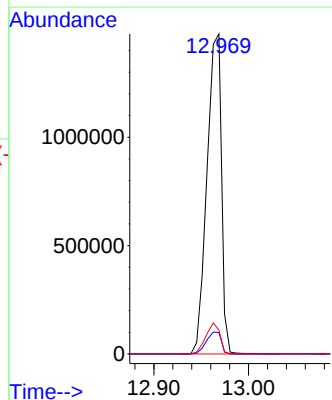
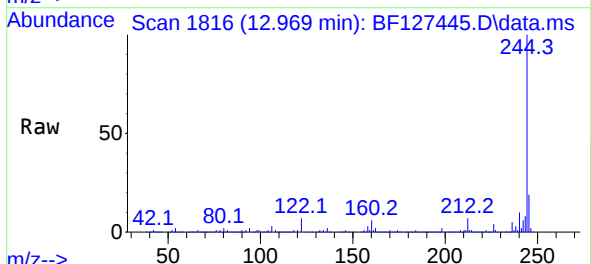
Instrument :
BNA_F
ClientSampleId :
C-19-18-19

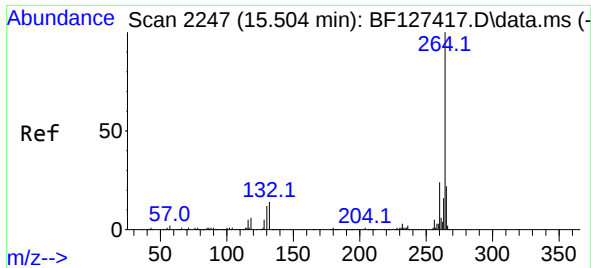
Tgt Ion:240 Resp: 287951
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 89.132 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

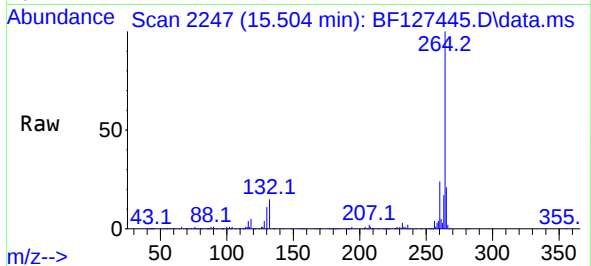
Tgt Ion:244 Resp: 1567827
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 7.4 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127445.D
Acq: 22 Mar 2022 09:56

Instrument :
BNA_F
ClientSampleId :
C-19-18-19



Tgt Ion:264 Resp: 202575

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.1	17.4	26.2

