

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127438.D
 Acq On : 22 Mar 2022 06:36
 Operator : CG\JU
 Sample : N1962-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-12-12-14

Quant Time: Mar 22 07:15:29 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)

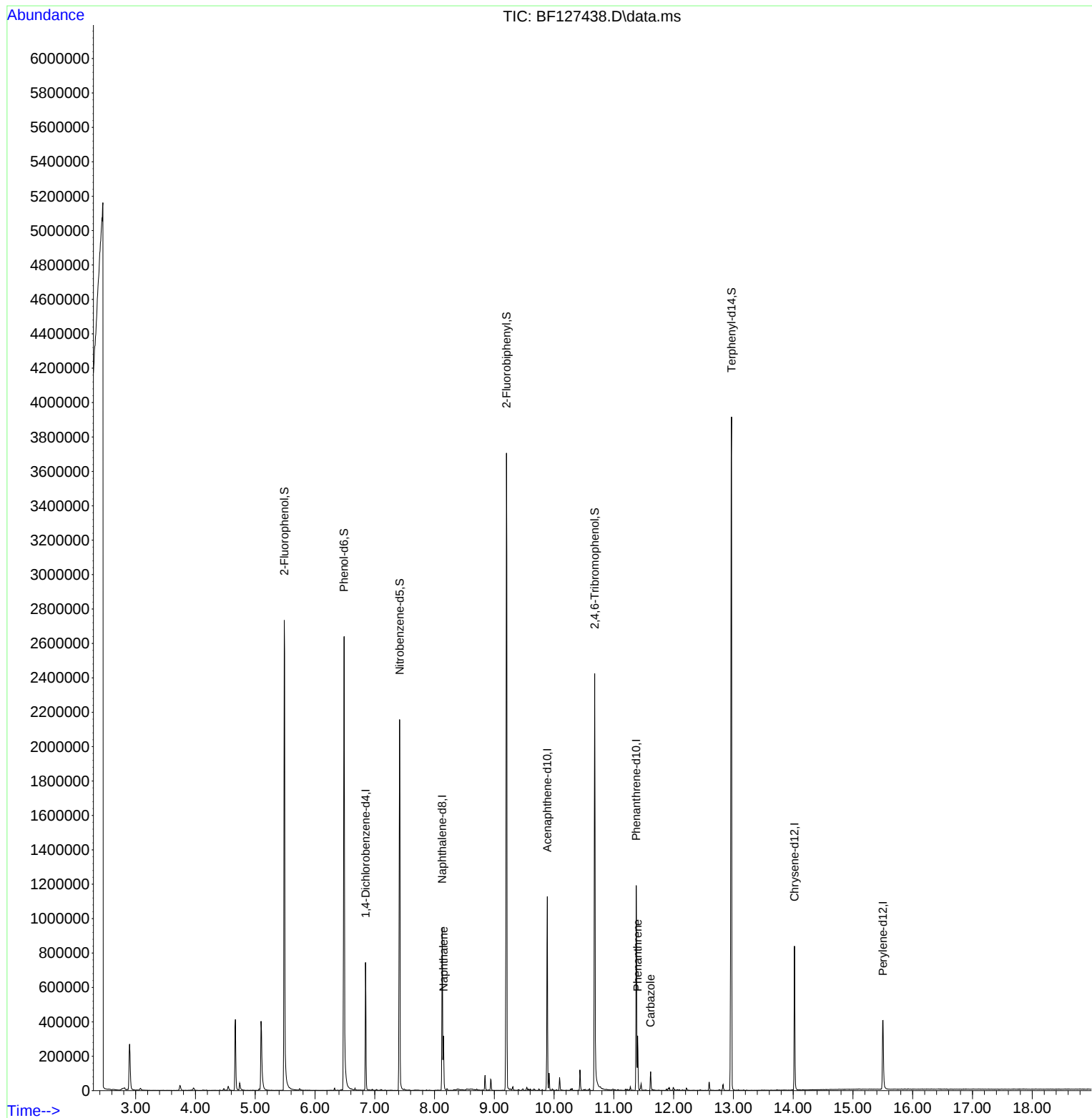
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100288	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	367351	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	215482	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	397744	20.000	ng	0.00
76) Chrysene-d12	14.021	240	282921	20.000	ng	0.00
86) Perylene-d12	15.504	264	201328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	753652	119.954	ng	0.02
7) Phenol-d6	6.487	99	948776	110.475	ng	0.00
23) Nitrobenzene-d5	7.416	82	765728	89.102	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	314526	137.022	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1259558	85.355	ng	0.00
79) Terphenyl-d14	12.969	244	1572266	90.973	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	128758	6.602	ng	98
71) Phenanthrene	11.398	178	106237	5.123	ng	99
73) Carbazole	11.616	167	44971	2.285	ng	98

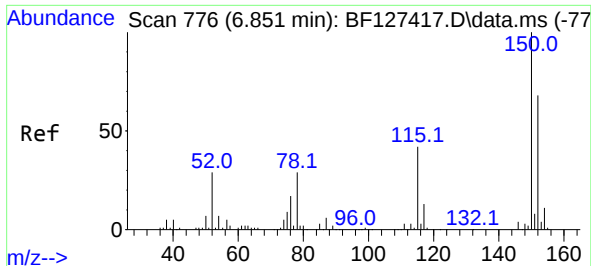
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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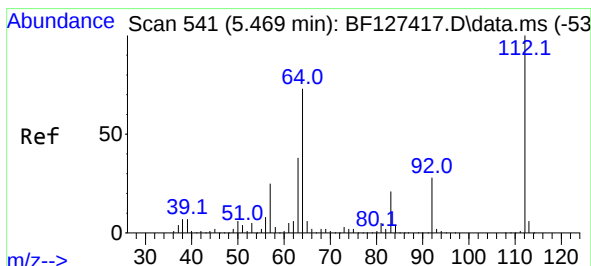
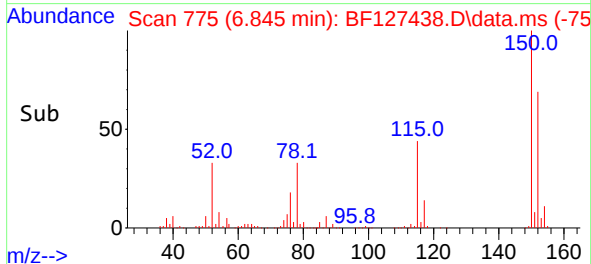
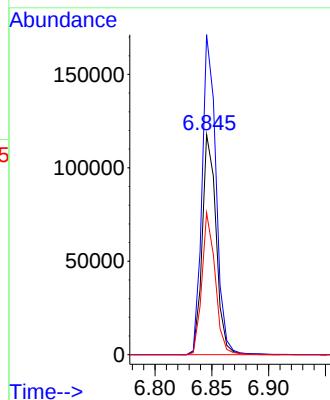
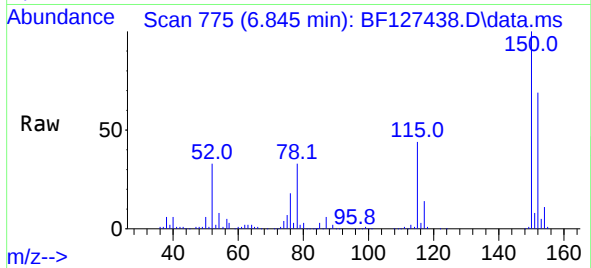




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

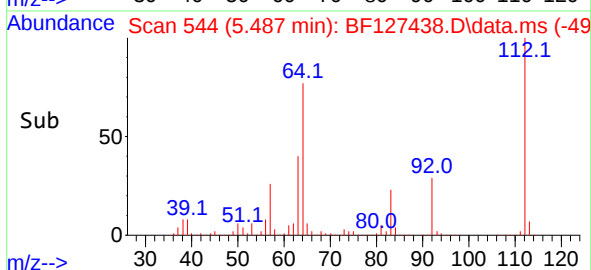
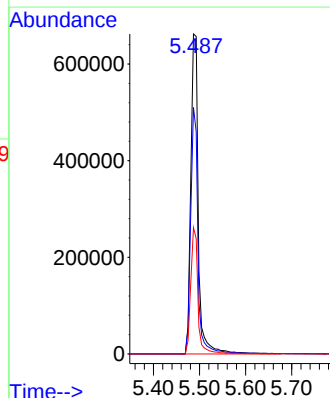
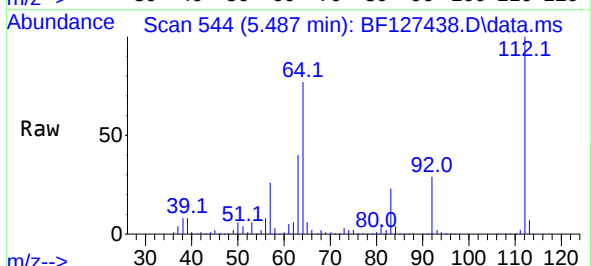
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

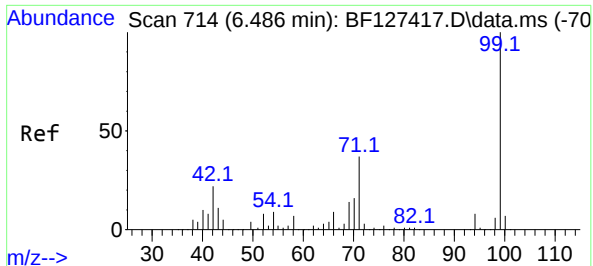
Tgt Ion:152 Resp: 100288
Ion Ratio Lower Upper
152 100
150 145.4 117.2 175.8
115 64.5 49.8 74.6



#5
2-Fluorophenol
Concen: 119.954 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion:112 Resp: 753652
Ion Ratio Lower Upper
112 100
64 77.0 58.4 87.6
63 39.5 30.1 45.1

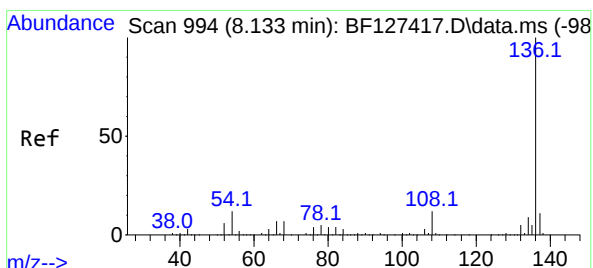
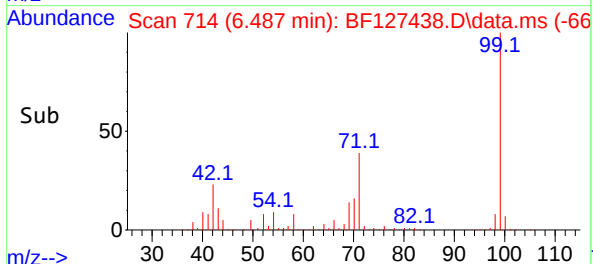
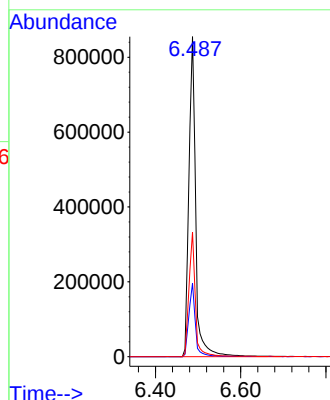
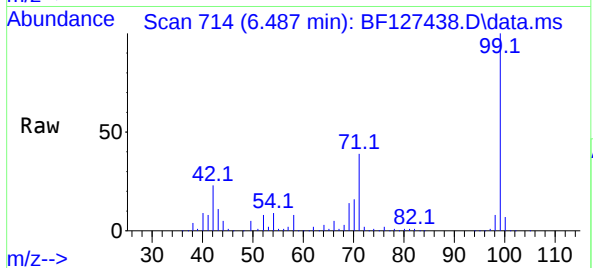




#7
Phenol-d6
Concen: 110.475 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

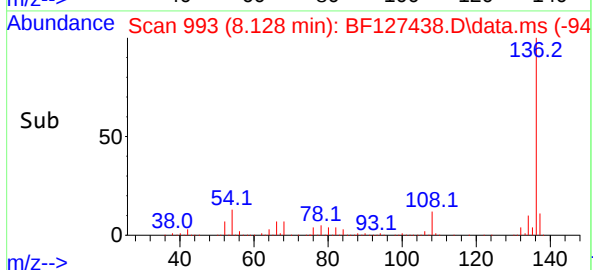
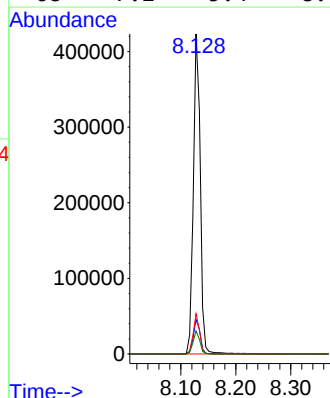
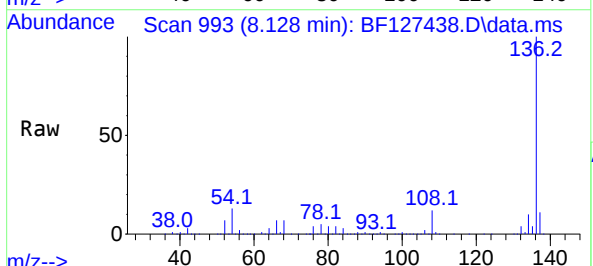
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

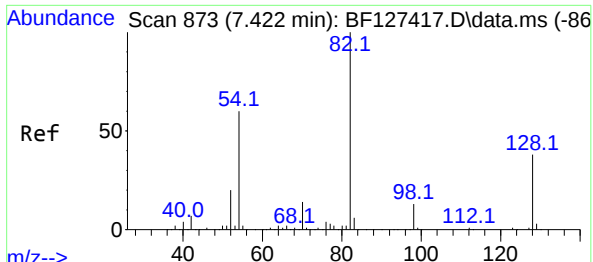
Tgt Ion: 99 Resp: 948776
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 39.0 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion:136 Resp: 367351
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.6 9.2 13.8
68 7.2 5.4 8.0

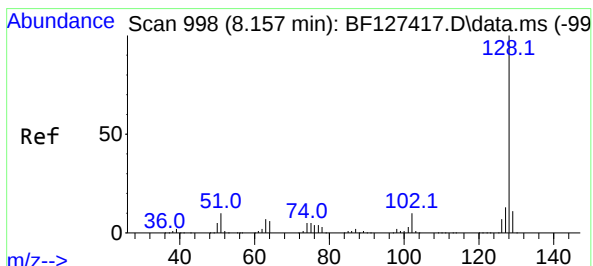
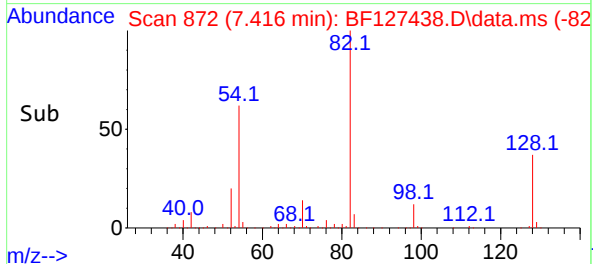
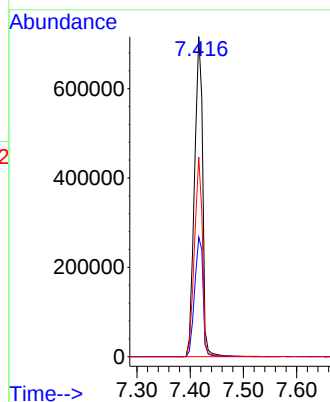
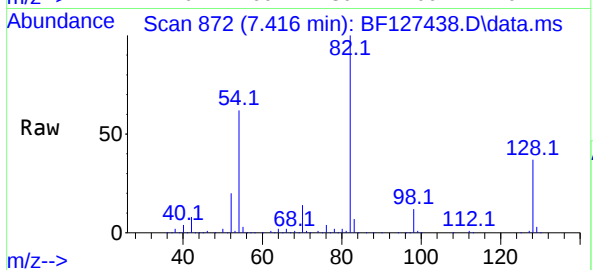




#23
Nitrobenzene-d5
Concen: 89.102 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

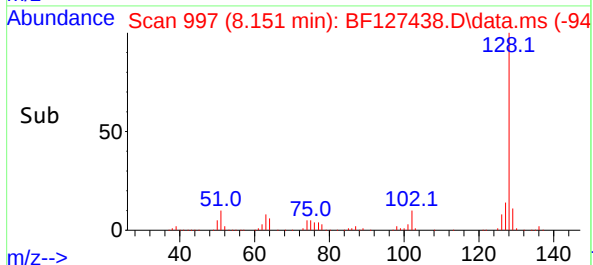
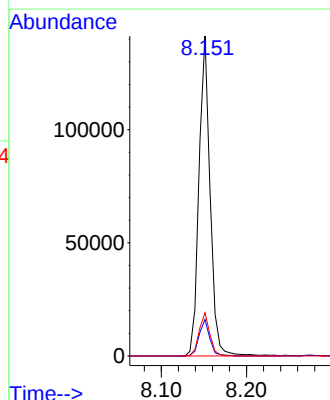
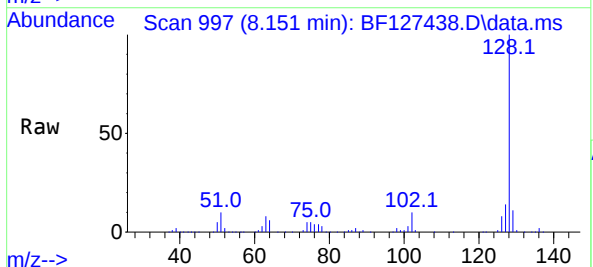
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

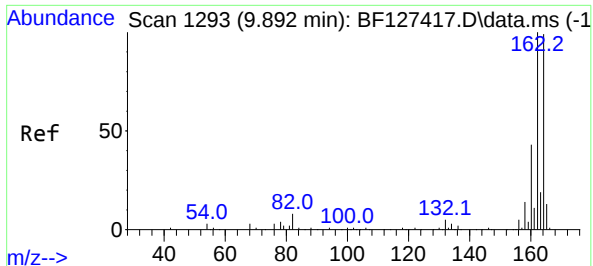
Tgt Ion: 82 Resp: 765728
Ion Ratio Lower Upper
82 100
128 37.3 30.6 45.8
54 62.4 48.2 72.2



#31
Naphthalene
Concen: 6.602 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion: 128 Resp: 128758
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.5 10.2 15.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

Instrument :

BNA_F

ClientSampleId :

C-12-12-14

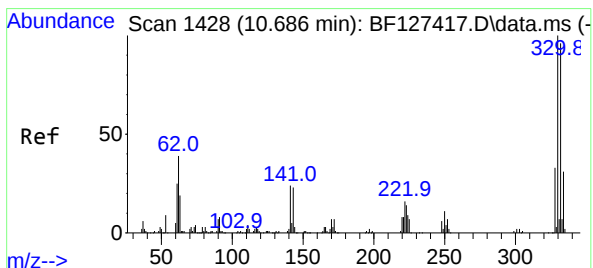
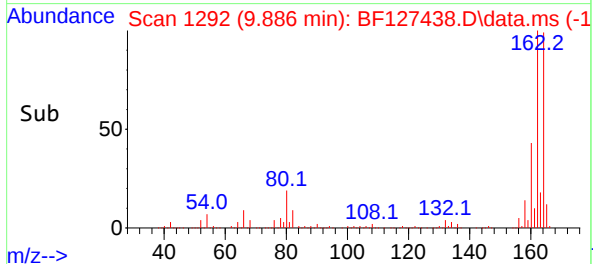
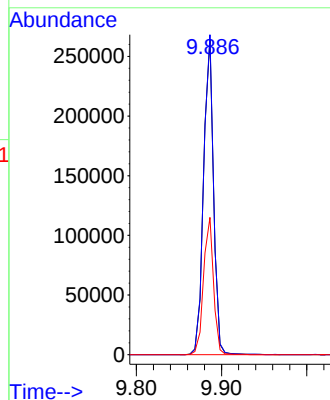
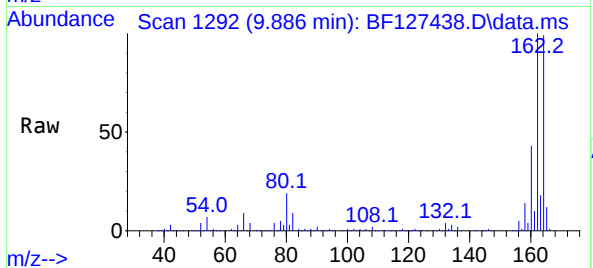
Tgt Ion:164 Resp: 215482

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

160 43.6 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 137.022 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

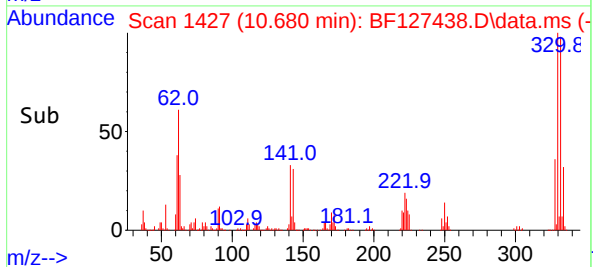
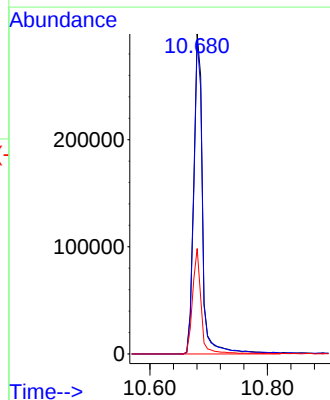
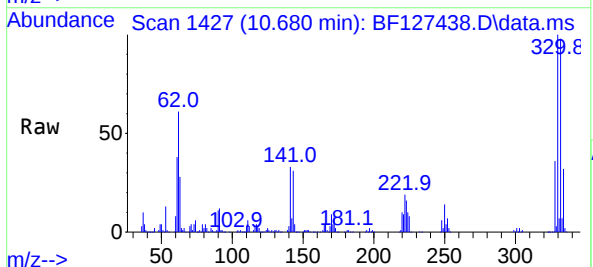
Tgt Ion:330 Resp: 314526

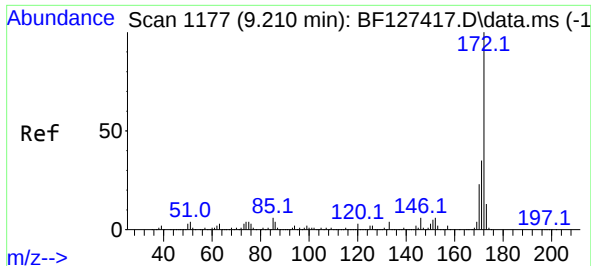
Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

141 31.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 85.355 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

Instrument :

BNA_F

ClientSampleId :

C-12-12-14

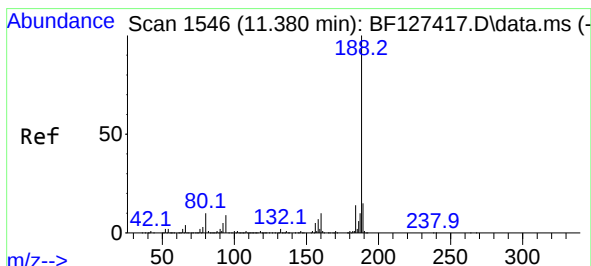
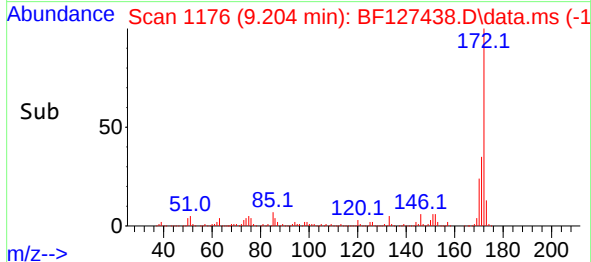
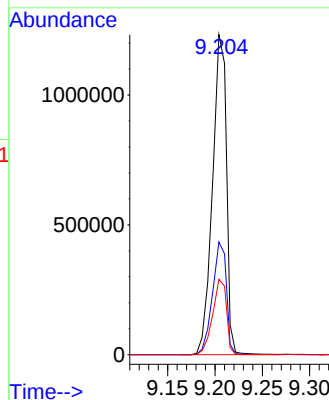
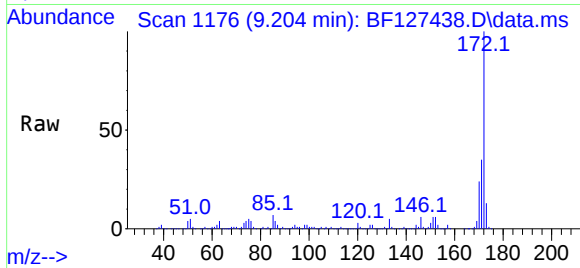
Tgt Ion:172 Resp: 1259558

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 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: BF127438.D

Acq: 22 Mar 2022 06:36

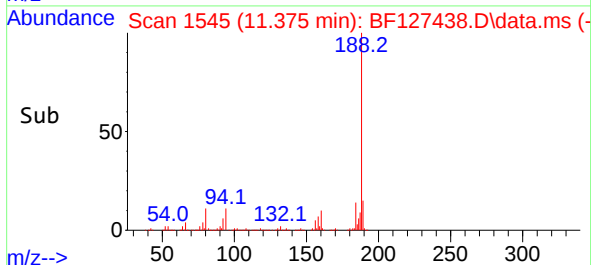
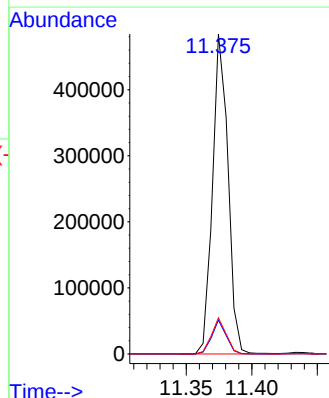
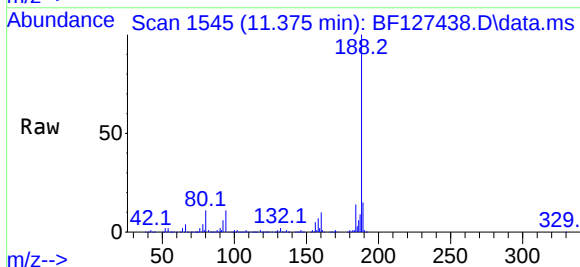
Tgt Ion:188 Resp: 397744

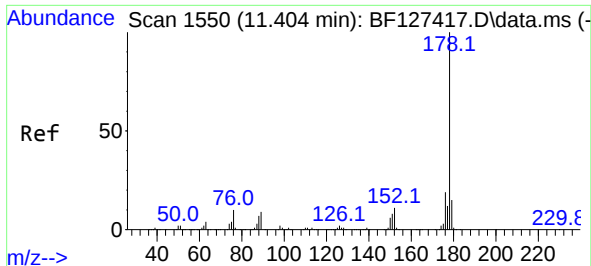
Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.0

80 11.3 8.0 12.0

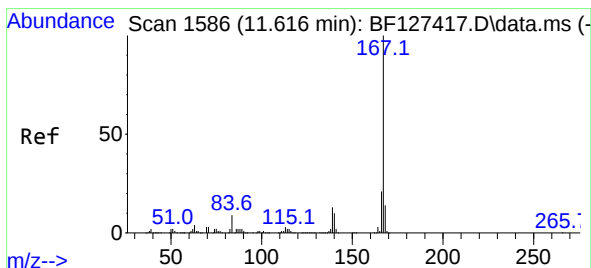
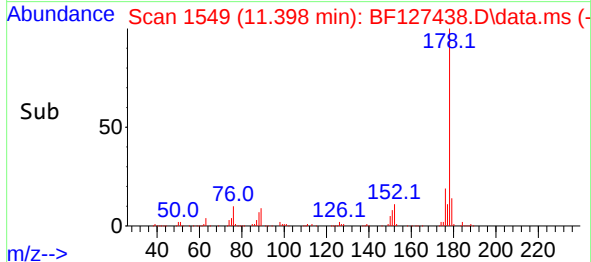
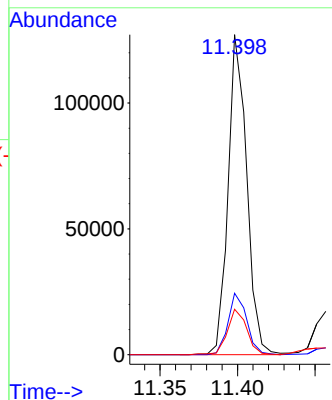
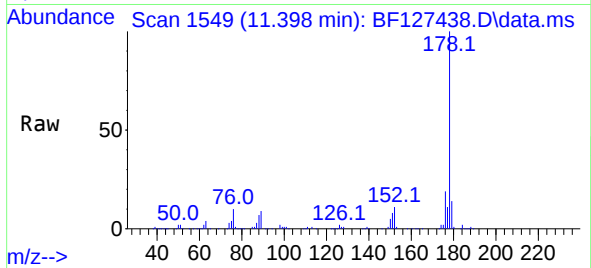




#71
Phenanthrene
Concen: 5.123 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

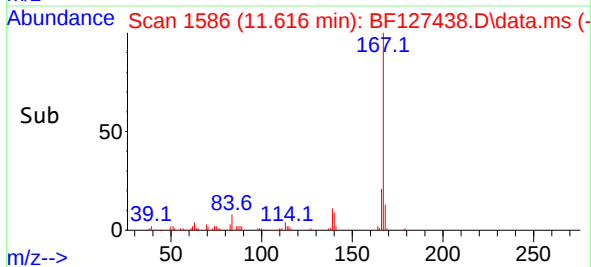
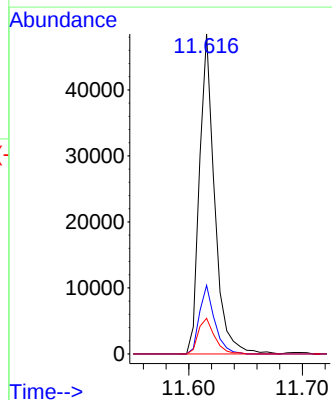
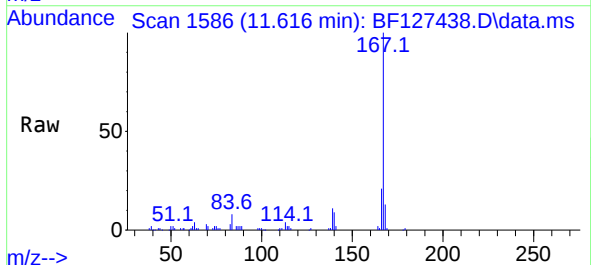
Instrument :
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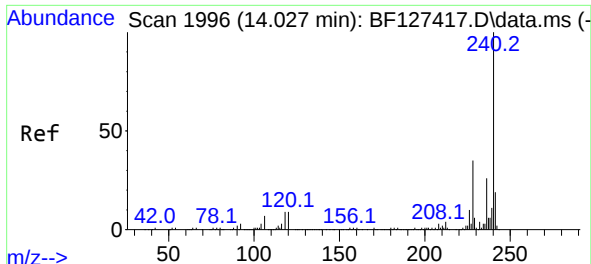
Tgt Ion:178 Resp: 106237
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 14.2 12.4 18.6



#73
Carbazole
Concen: 2.285 ng
RT: 11.616 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion:167 Resp: 44971
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 11.2 10.5 15.7

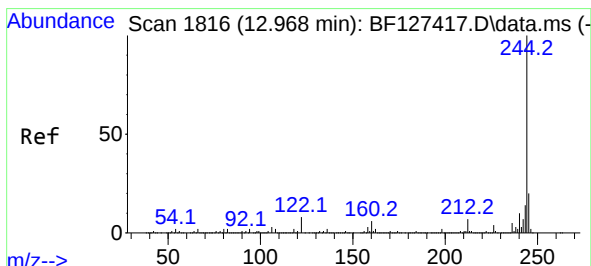
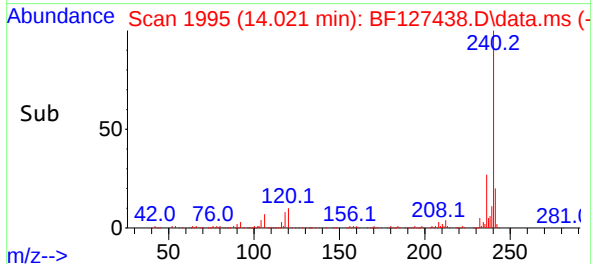
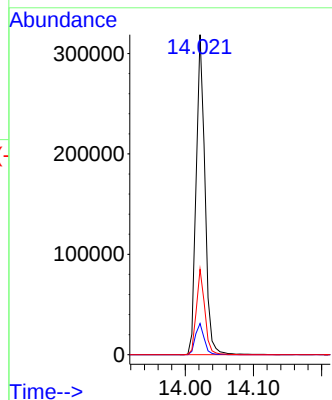
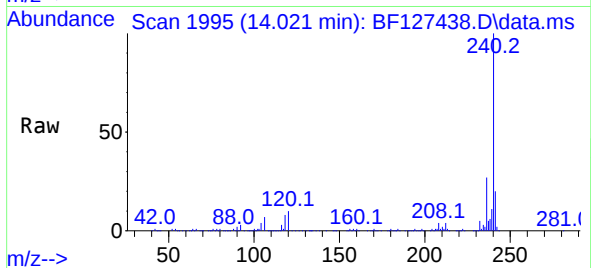




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

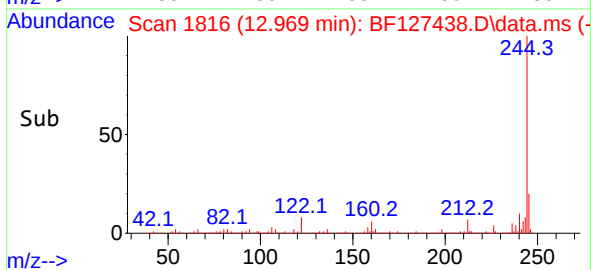
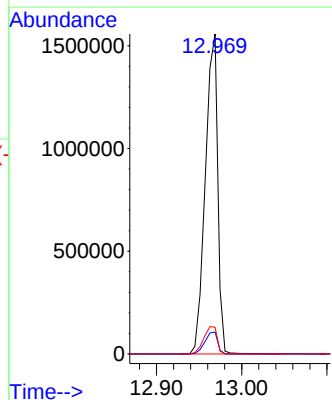
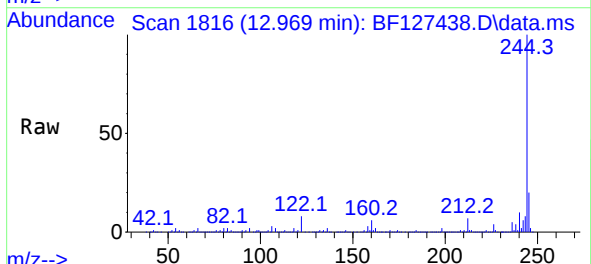
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

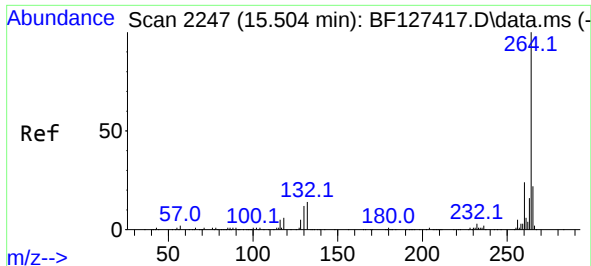
Tgt Ion:240 Resp: 282921
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 26.7 20.7 31.1



#79
Terphenyl-d14
Concen: 90.973 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

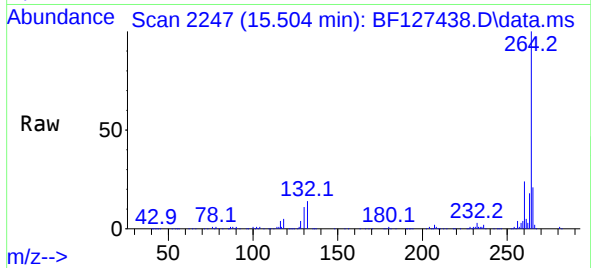
Tgt Ion:244 Resp: 1572266
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.4 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127438.D
 Acq: 22 Mar 2022 06:36

Instrument :
 BNA_F
 ClientSampleId :
 C-12-12-14



Tgt Ion:264 Resp: 201328

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.4	17.4	26.2

