

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127457.D
 Acq On : 22 Mar 2022 17:49
 Operator : CG\JU
 Sample : N1905-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-1

Quant Time: Mar 23 03:01:52 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	98180	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	373918	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	222914	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	413125	20.000	ng	0.00
76) Chrysene-d12	14.021	240	234095	20.000	ng	0.00
86) Perylene-d12	15.504	264	197015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	744493	121.040	ng	0.02
7) Phenol-d6	6.487	99	974937	115.959	ng	0.00
23) Nitrobenzene-d5	7.416	82	757466	86.592	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	318230	134.014	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1296273	84.914	ng	0.00
79) Terphenyl-d14	12.963	244	1541491	107.796	ng	0.00

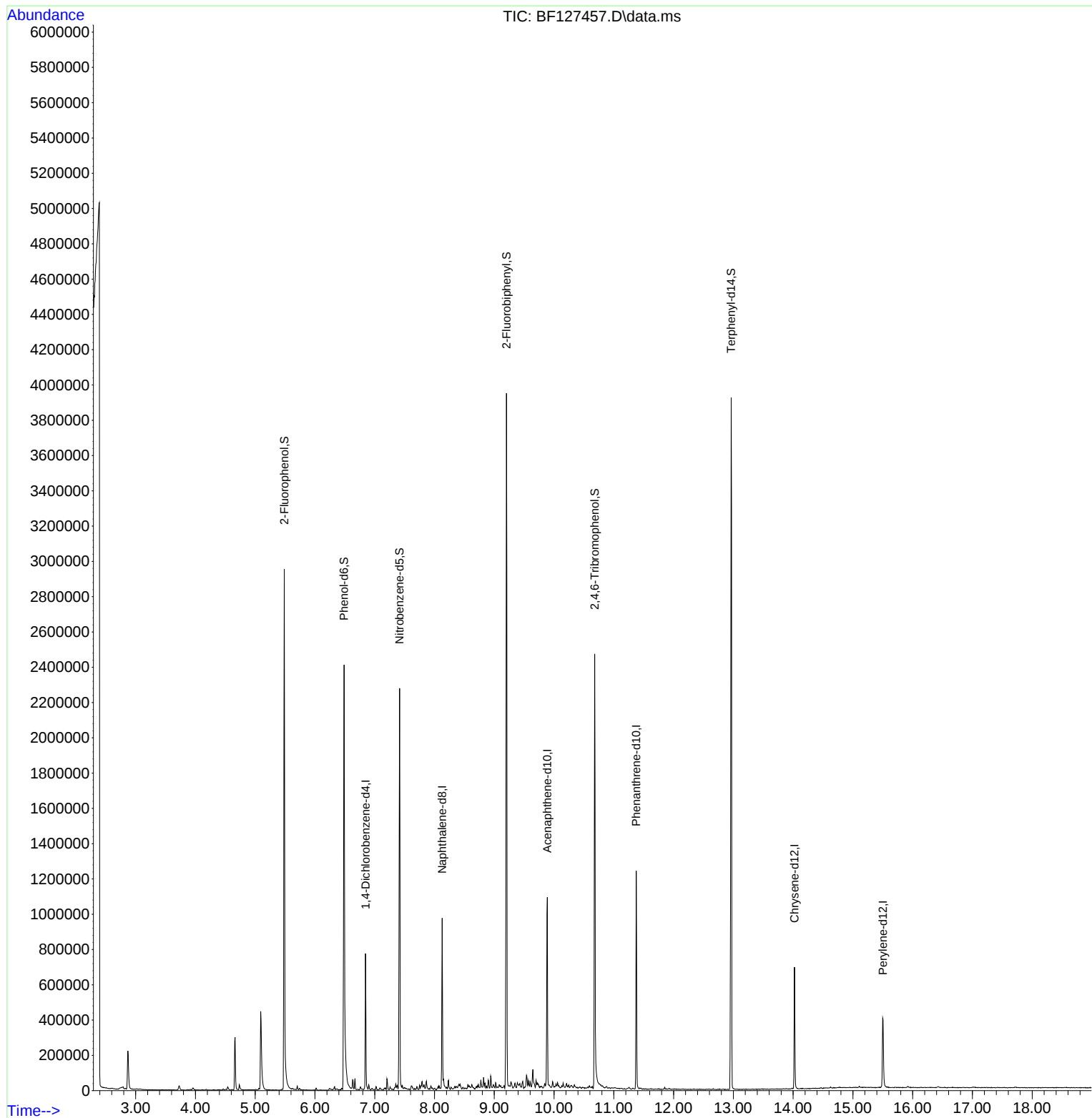
Target Compounds	Qvalue

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

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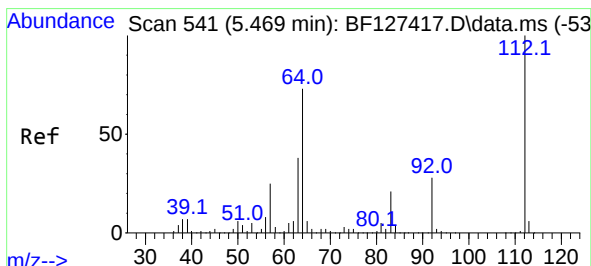
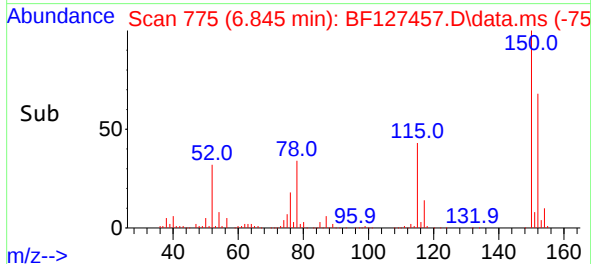
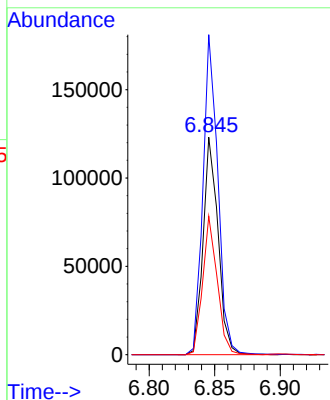
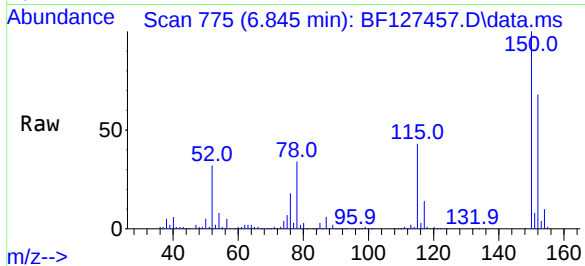




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127457.D
Acq: 22 Mar 2022 17:49

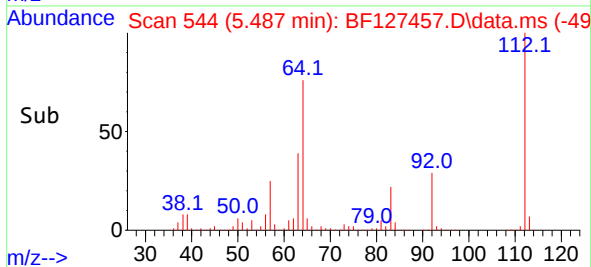
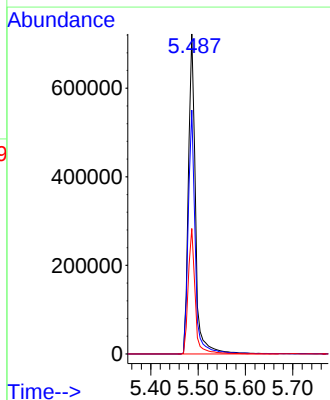
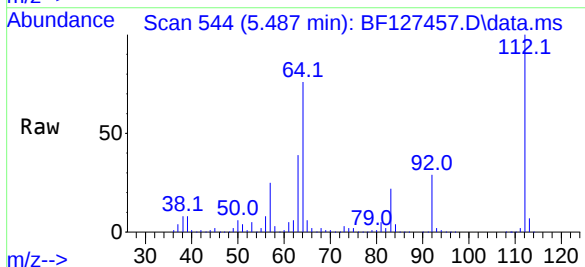
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-1

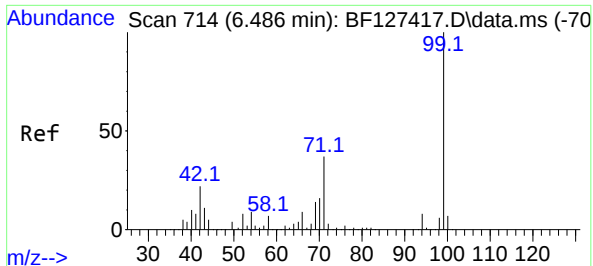
Tgt Ion:152 Resp: 98180
Ion Ratio Lower Upper
152 100
150 147.1 117.2 175.8
115 63.6 49.8 74.6



#5
2-Fluorophenol
Concen: 121.040 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127457.D
Acq: 22 Mar 2022 17:49

Tgt Ion:112 Resp: 744493
Ion Ratio Lower Upper
112 100
64 76.2 58.4 87.6
63 39.2 30.1 45.1

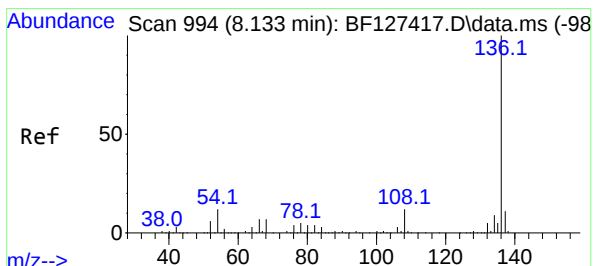
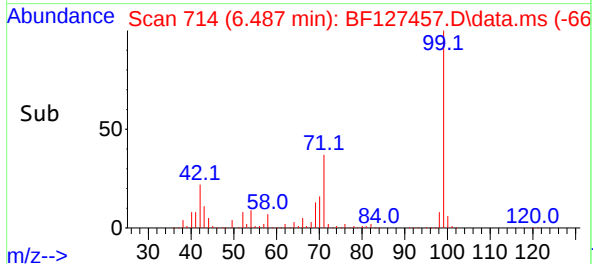
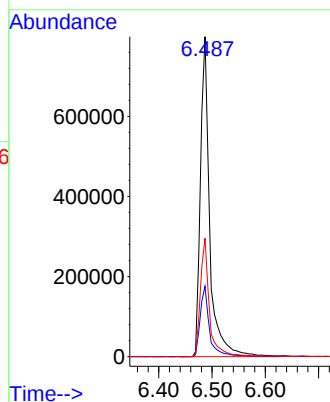
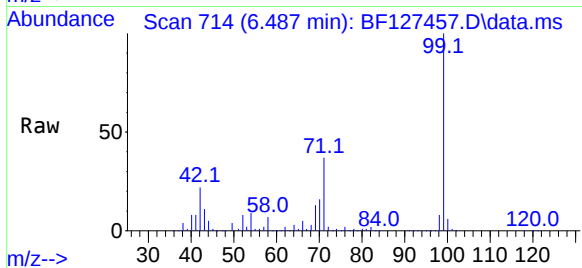




#7
Phenol-d6
Concen: 115.959 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127457.D
Acq: 22 Mar 2022 17:49

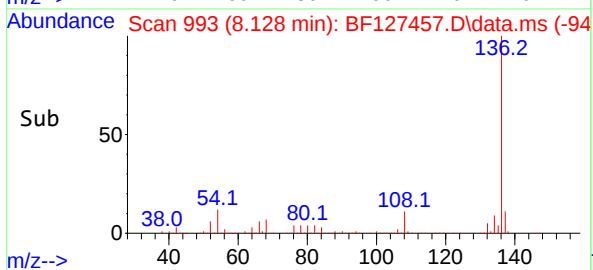
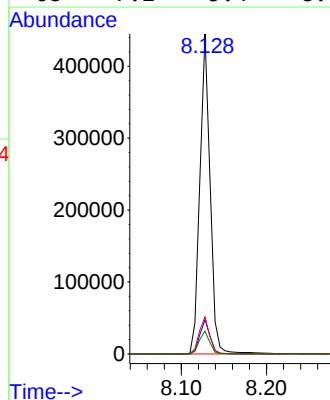
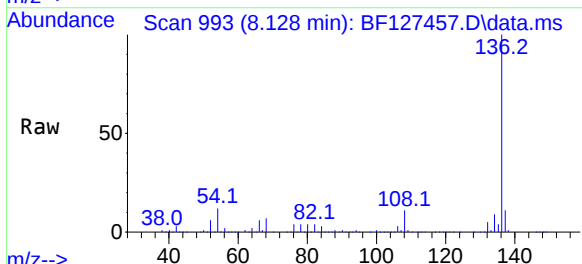
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-1

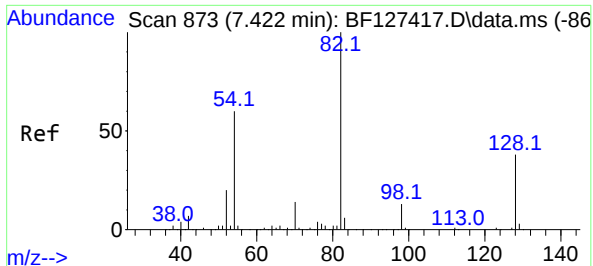
Tgt Ion: 99 Resp: 974937
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 37.0 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127457.D
Acq: 22 Mar 2022 17:49

Tgt Ion:136 Resp: 373918
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.6 9.2 13.8
68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 86.592 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127457.D

Acq: 22 Mar 2022 17:49

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-1

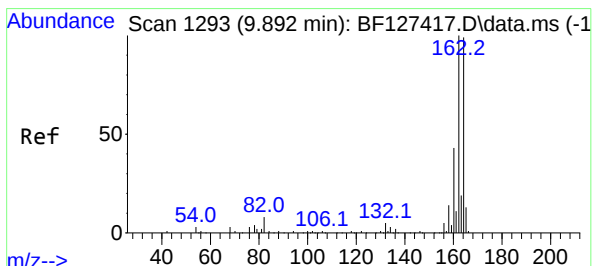
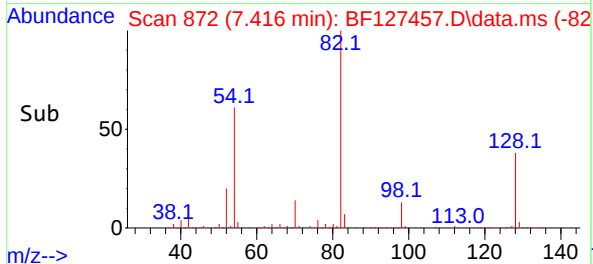
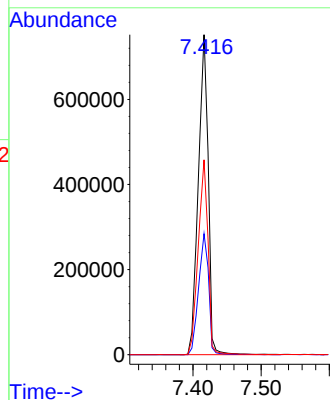
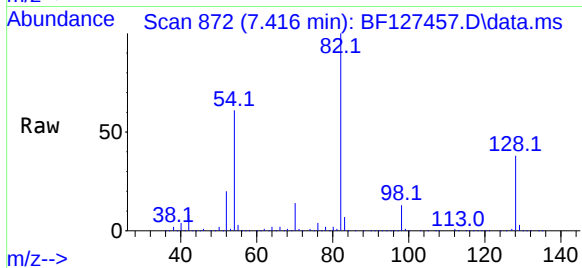
Tgt Ion: 82 Resp: 757466

Ion Ratio Lower Upper

82 100

128 37.8 30.6 45.8

54 60.9 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: BF127457.D

Acq: 22 Mar 2022 17:49

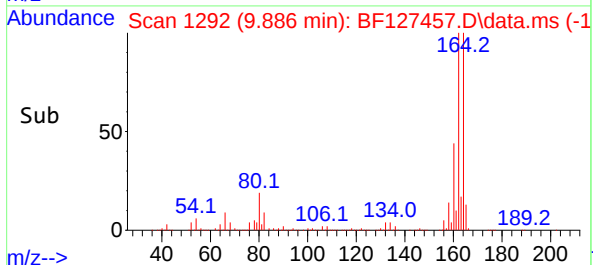
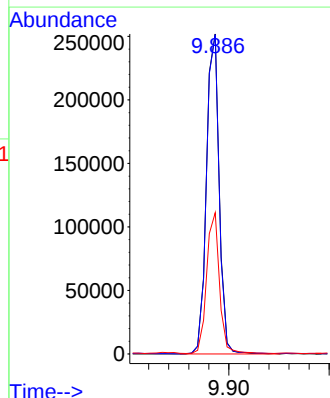
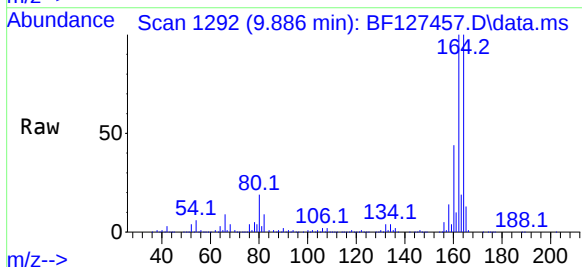
Tgt Ion:164 Resp: 222914

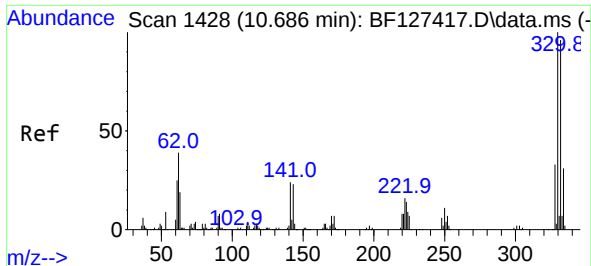
Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

160 44.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 134.014 ng

RT: 10.681 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127457.D

Acq: 22 Mar 2022 17:49

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-1

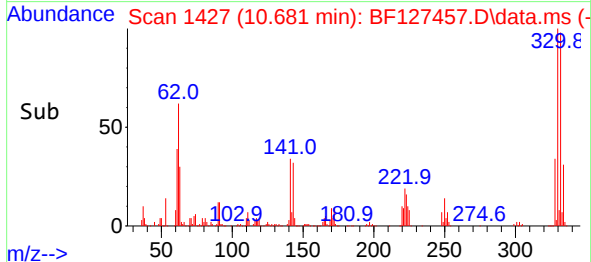
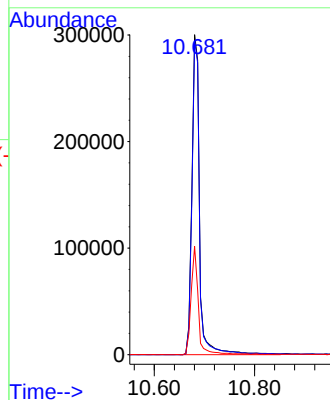
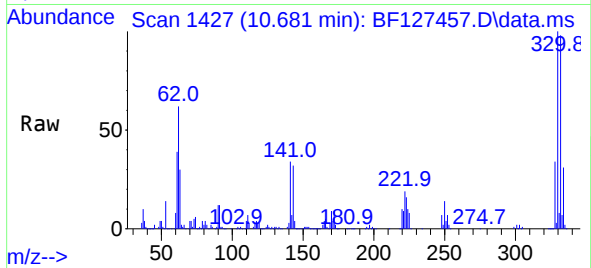
Tgt Ion:330 Resp: 318230

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

141 32.1 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 84.914 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127457.D

Acq: 22 Mar 2022 17:49

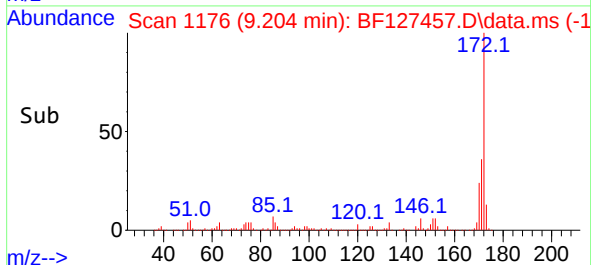
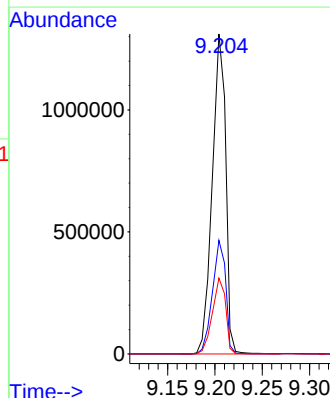
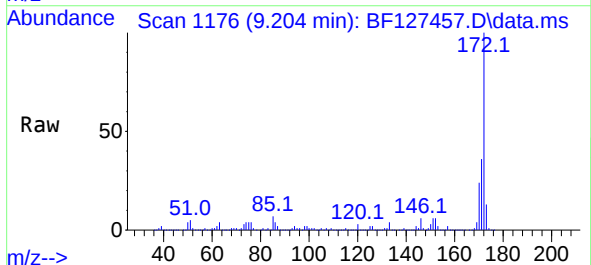
Tgt Ion:172 Resp: 1296273

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 18.6 27.8

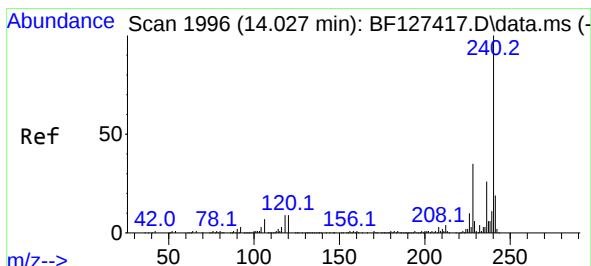
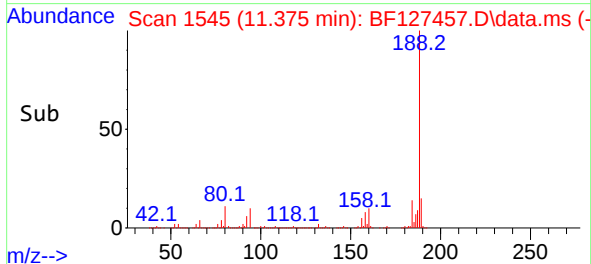
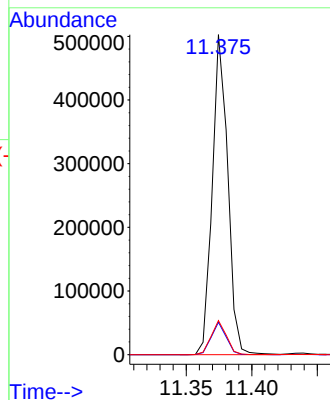
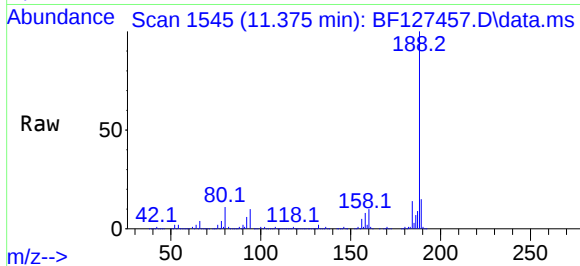




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127457.D
Acq: 22 Mar 2022 17:49

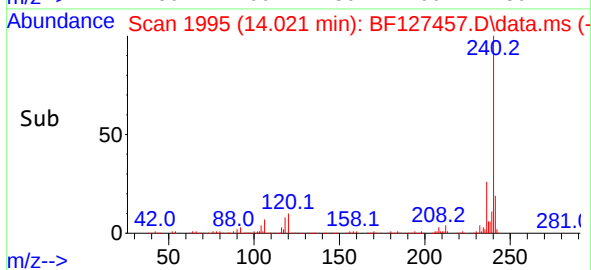
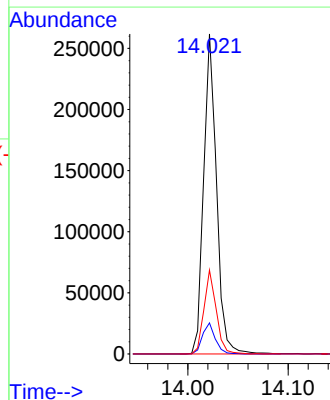
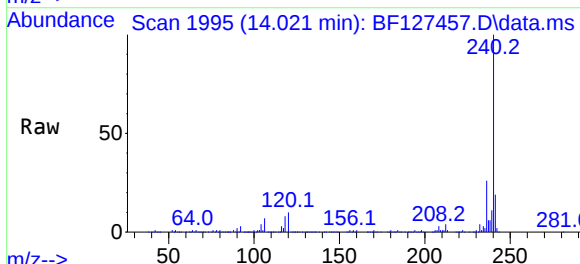
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-1

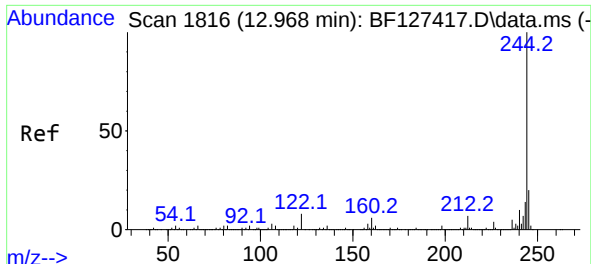
Tgt Ion:188 Resp: 413125
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127457.D
Acq: 22 Mar 2022 17:49

Tgt Ion:240 Resp: 234095
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 26.2 20.7 31.1

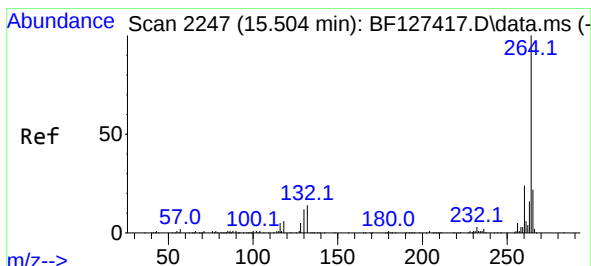
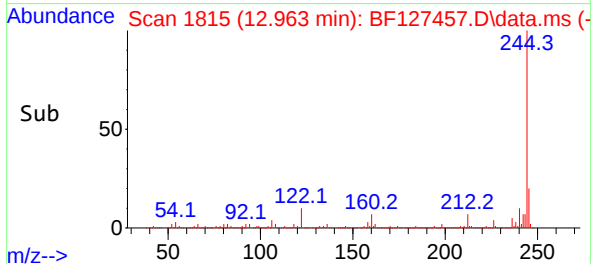
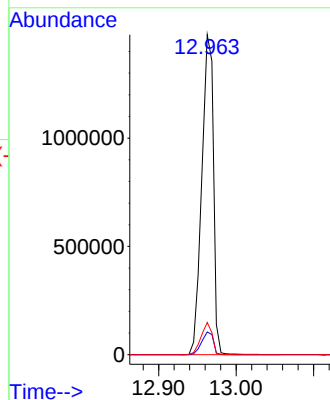
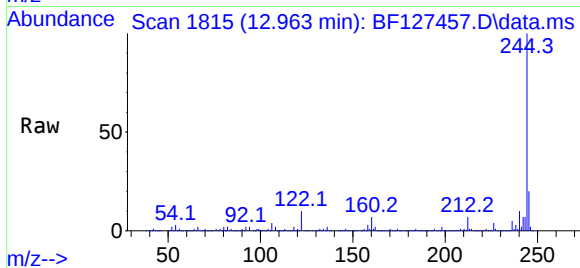




#79
 Terphenyl-d14
 Concen: 107.796 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127457.D
 Acq: 22 Mar 2022 17:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-1

Tgt Ion:244 Resp: 1541491
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.1 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127457.D
 Acq: 22 Mar 2022 17:49

Tgt Ion:264 Resp: 197015
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 20.8 17.4 26.2

