

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127531.D
 Acq On : 25 Mar 2022 17:47
 Operator : CG\JU
 Sample : N2077-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-3-1

Quant Time: Mar 26 02:21:19 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	87097	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	317344	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	183881	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	334375	20.000	ng	0.00
76) Chrysene-d12	14.027	240	208750	20.000	ng	0.00
86) Perylene-d12	15.509	264	172464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	697554	127.840	ng	0.02
7) Phenol-d6	6.492	99	889626	119.276	ng	0.00
23) Nitrobenzene-d5	7.416	82	692288	93.250	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	269513	137.591	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1155100	91.729	ng	0.00
79) Terphenyl-d14	12.963	244	1345571	105.520	ng	0.00

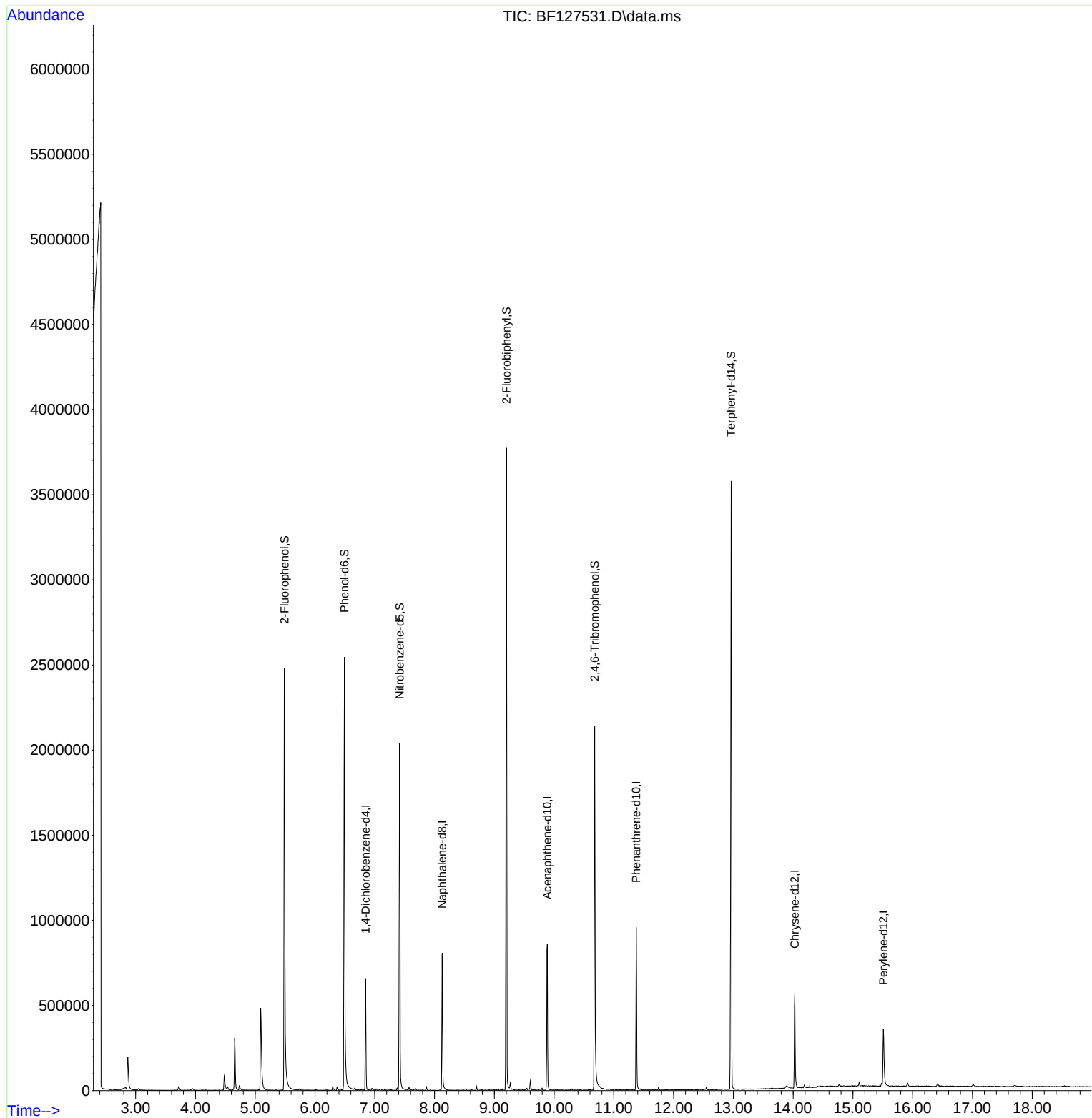
Target Compounds	Qvalue

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

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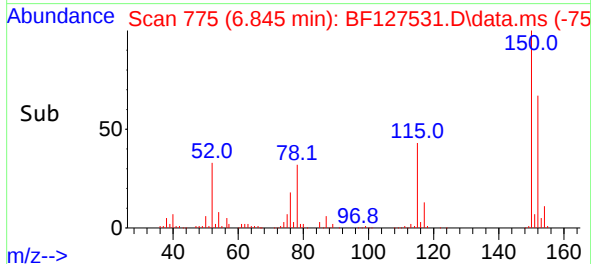
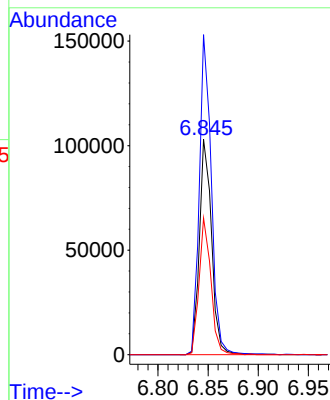
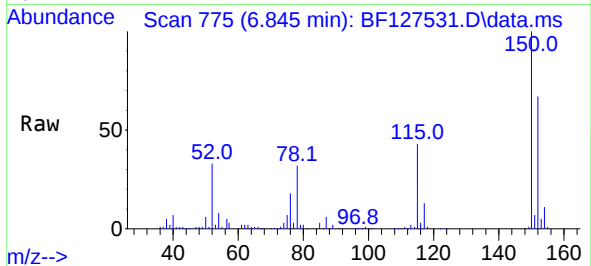




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

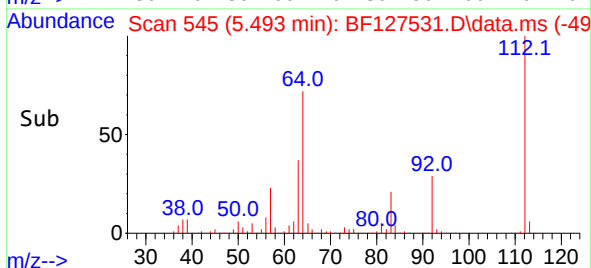
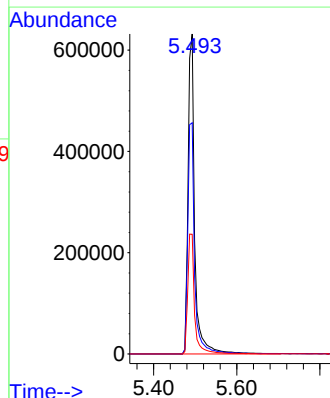
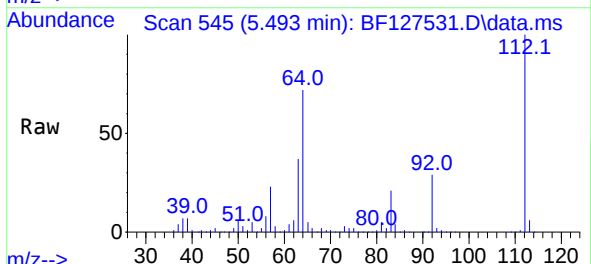
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

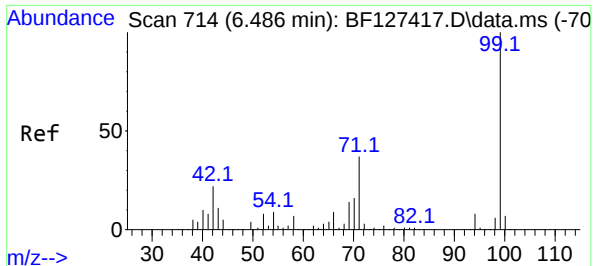
Tgt Ion:152 Resp: 87097
Ion Ratio Lower Upper
152 100
150 148.6 117.2 175.8
115 63.5 49.8 74.6



#5
2-Fluorophenol
Concen: 127.840 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:112 Resp: 697554
Ion Ratio Lower Upper
112 100
64 72.3 58.4 87.6
63 37.4 30.1 45.1

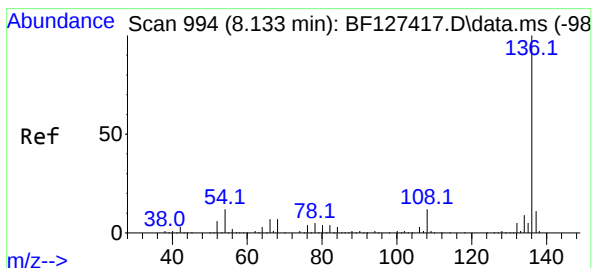
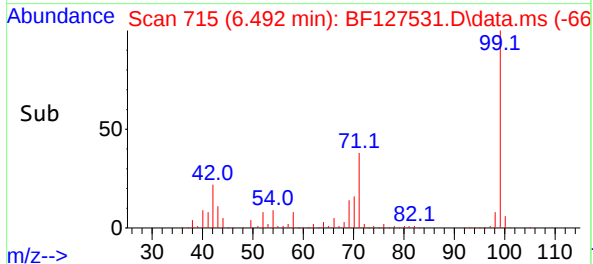
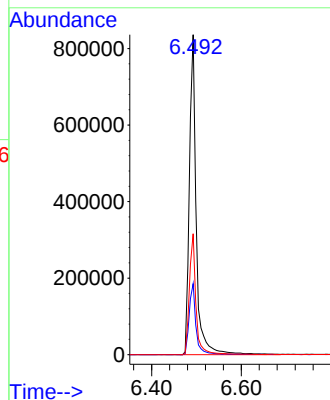
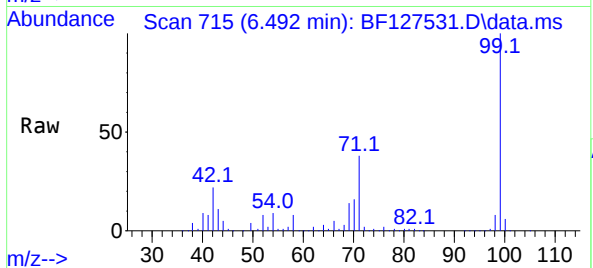




#7
Phenol-d6
Concen: 119.276 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

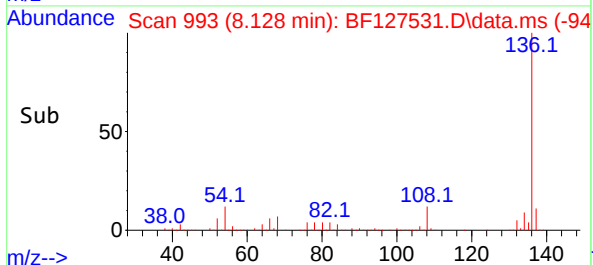
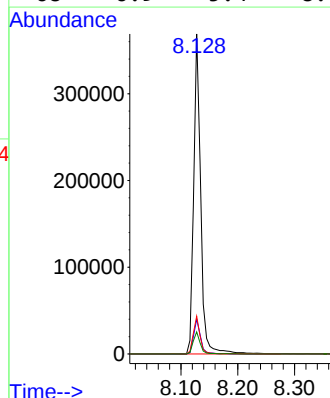
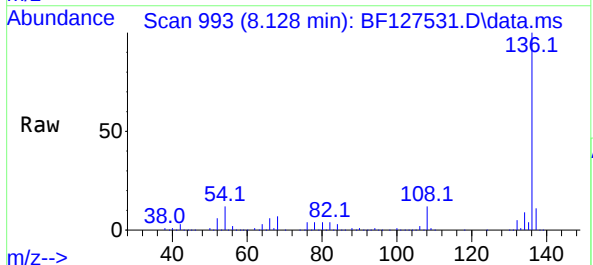
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

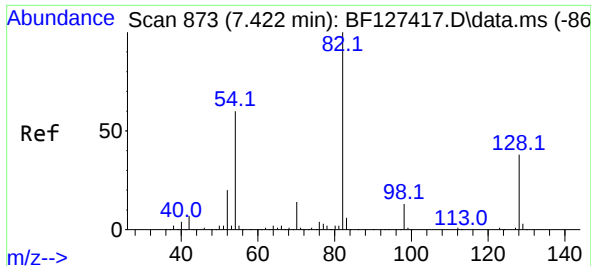
Tgt Ion: 99 Resp: 889626
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 37.8 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion: 136 Resp: 317344
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.8 9.2 13.8
68 6.9 5.4 8.0

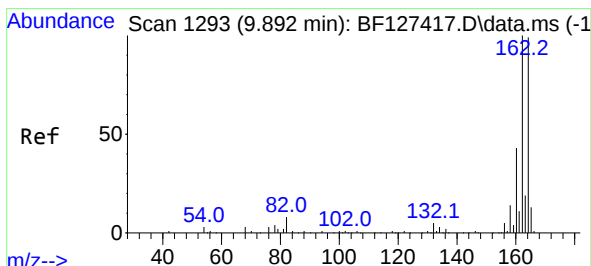
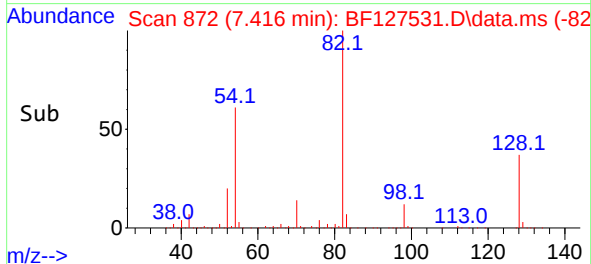
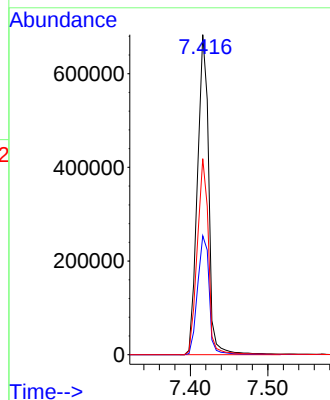
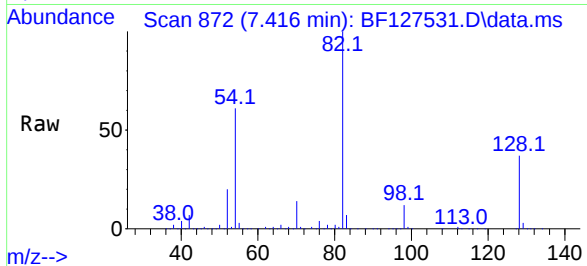




#23
Nitrobenzene-d5
Concen: 93.250 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

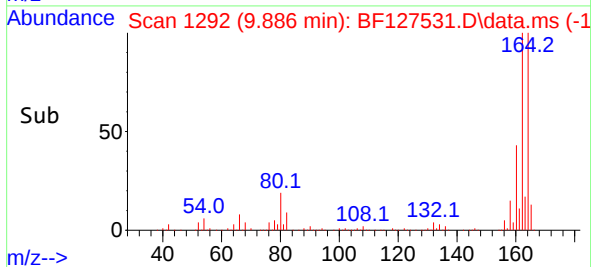
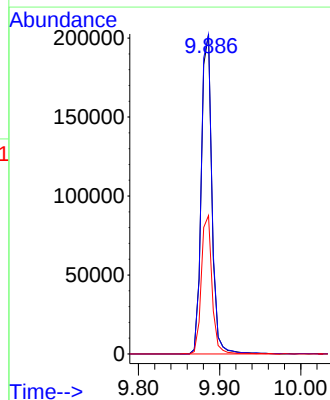
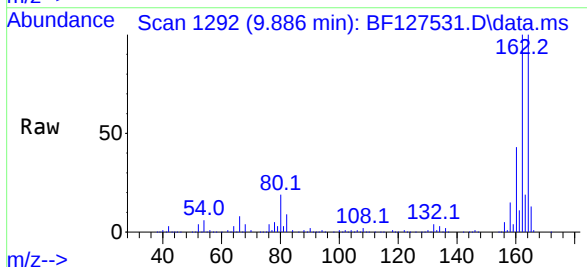
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

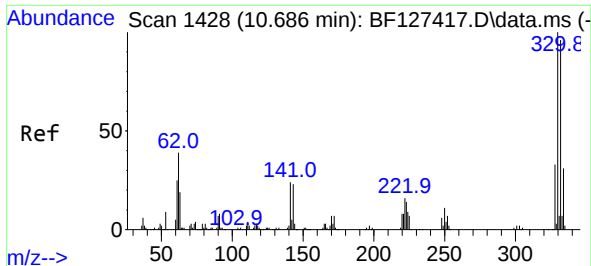
Tgt Ion: 82 Resp: 692288
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 61.3 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:164 Resp: 183881
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 43.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 137.591 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127531.D

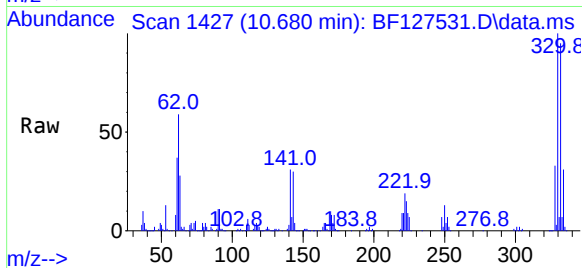
Acq: 25 Mar 2022 17:47

Instrument :

BNA_F

ClientSampleId :

WC-14A-3-1



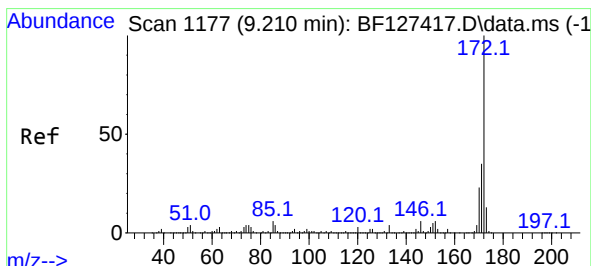
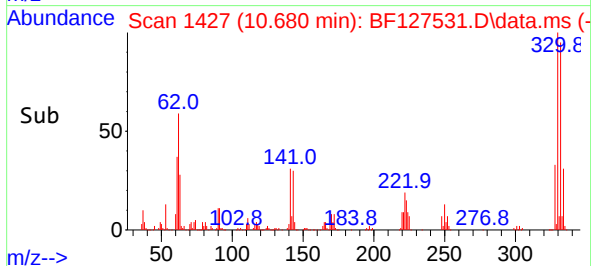
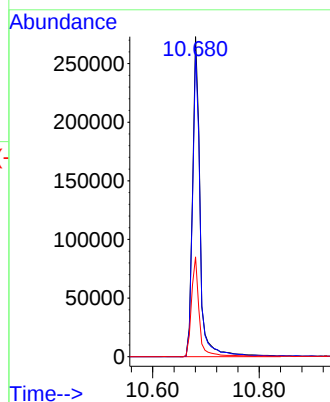
Tgt Ion:330 Resp: 269513

Ion Ratio Lower Upper

330 100

332 95.0 79.1 118.7

141 32.2 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 91.729 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127531.D

Acq: 25 Mar 2022 17:47

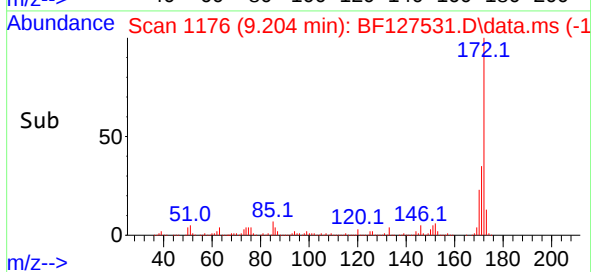
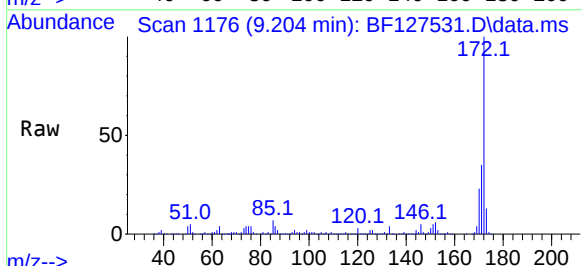
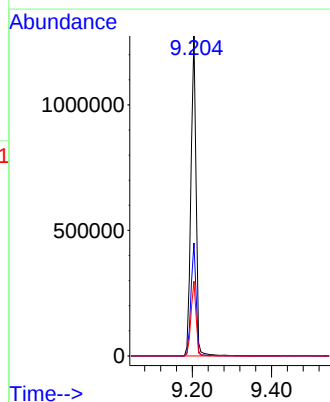
Tgt Ion:172 Resp: 1155100

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

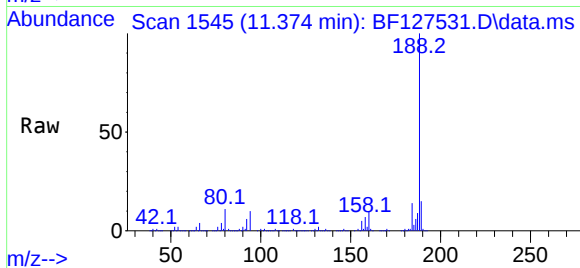
170 23.4 18.6 27.8



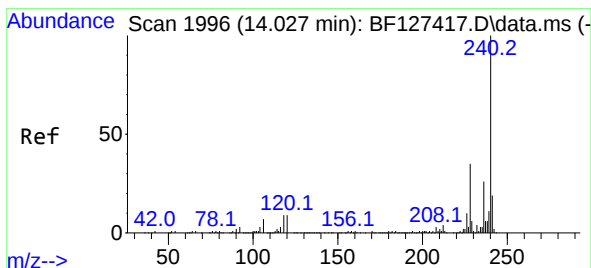
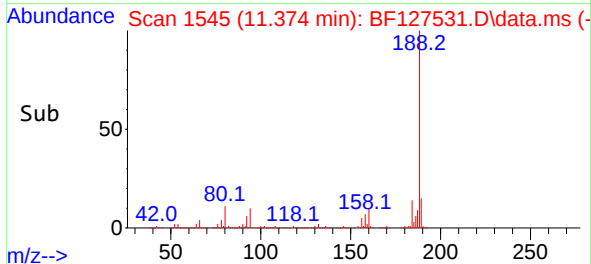
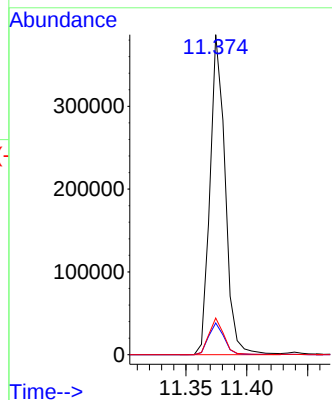


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

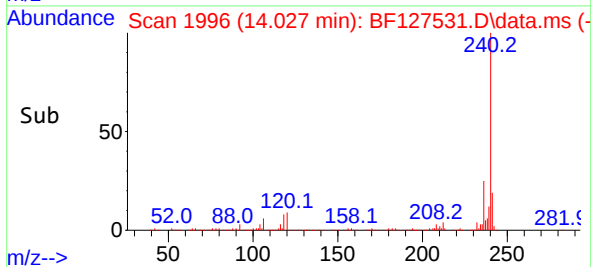
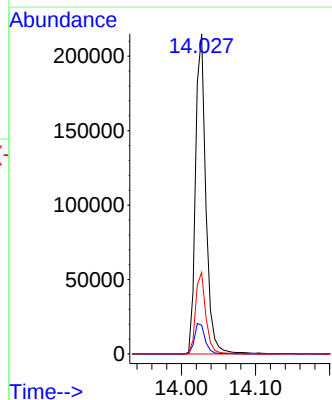
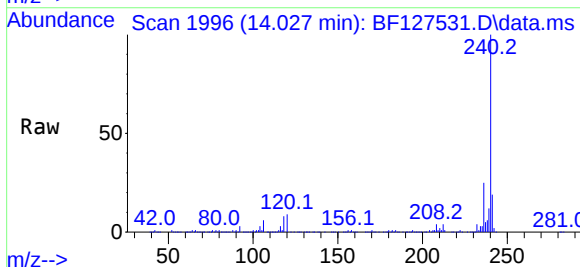


Tgt Ion:188 Resp: 334375
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:240 Resp: 208750
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 25.4 20.7 31.1

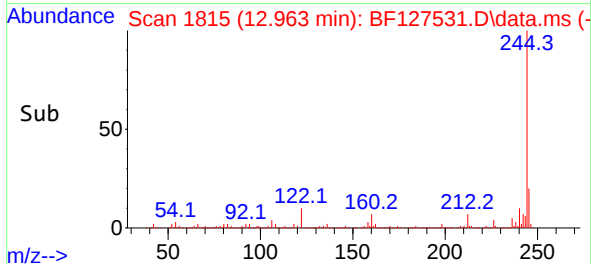
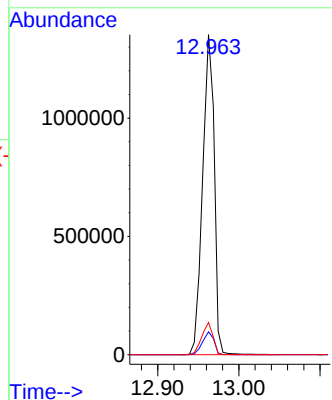
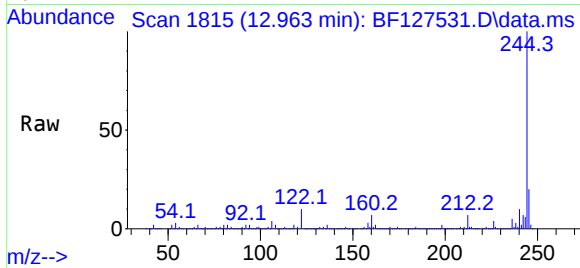




#79
 Terphenyl-d14
 Concen: 105.520 ng
 RT: 12.963 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127531.D
 Acq: 25 Mar 2022 17:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-3-1

Tgt Ion:244 Resp: 1345571
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.0 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF127531.D
 Acq: 25 Mar 2022 17:47

Tgt Ion:264 Resp: 172464
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.2 17.4 26.2

