

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127506.D
 Acq On : 24 Mar 2022 16:53
 Operator : CG\JU
 Sample : N2063-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)

Quant Time: Mar 24 17:17:21 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	79896	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	299824	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	171769	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	294560	20.000	ng	0.00
76) Chrysene-d12	14.021	240	184591	20.000	ng	0.00
86) Perylene-d12	15.504	264	179948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	655598	130.980	ng	0.01
7) Phenol-d6	6.487	99	901935	131.825	ng	0.00
23) Nitrobenzene-d5	7.416	82	613739	87.500	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	220929	120.741	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1041008	88.498	ng	0.00
79) Terphenyl-d14	12.963	244	991873	87.963	ng	0.00

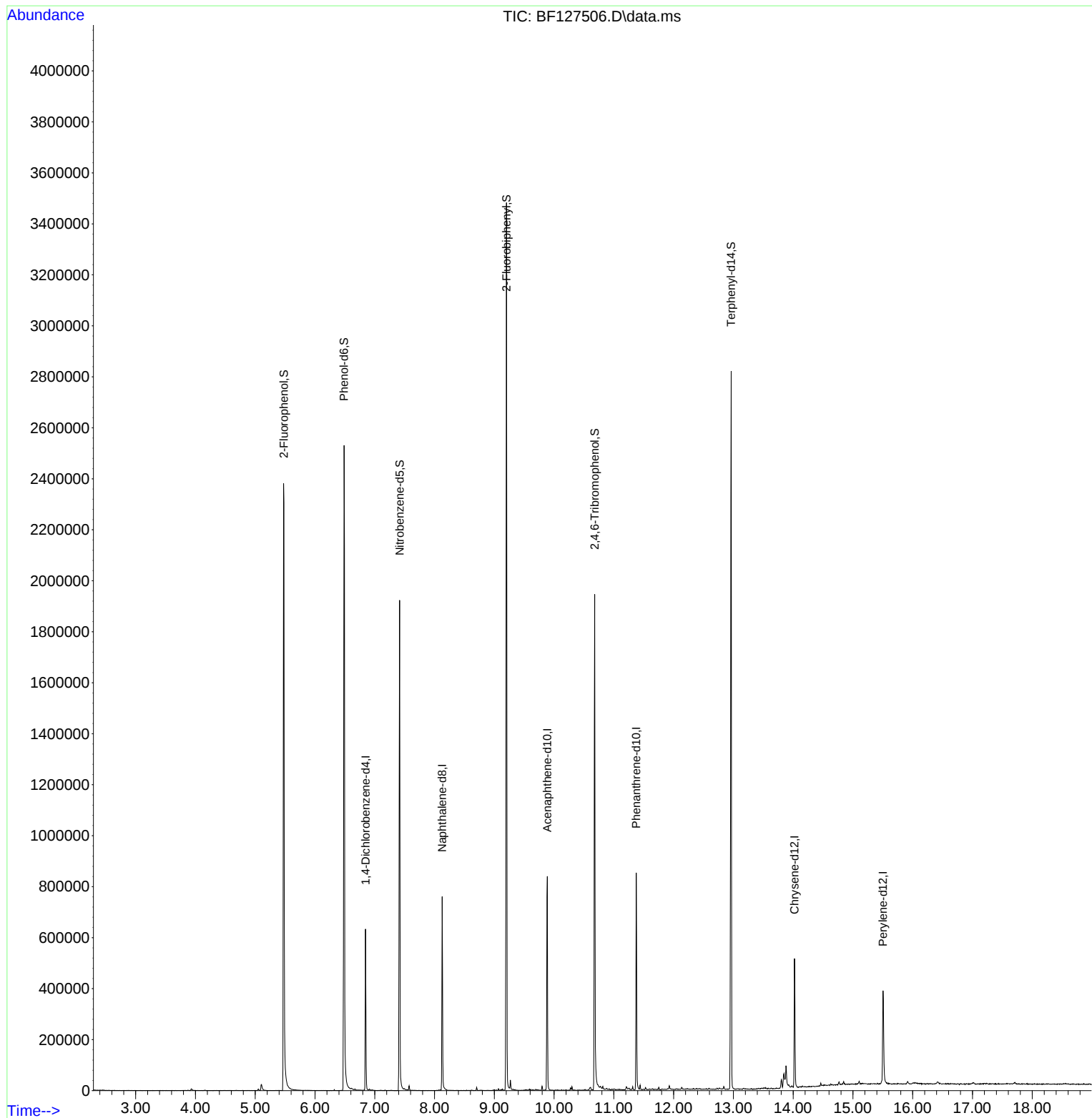
Target Compounds	Qvalue

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

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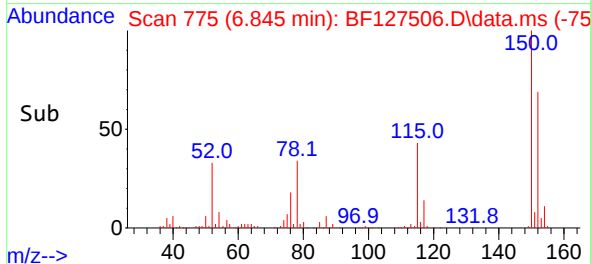
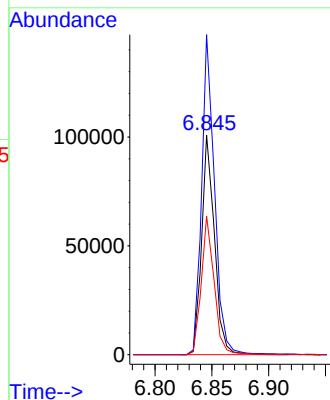
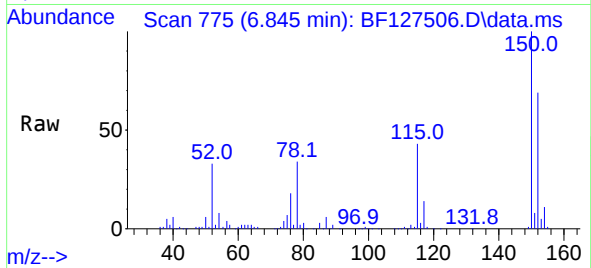




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

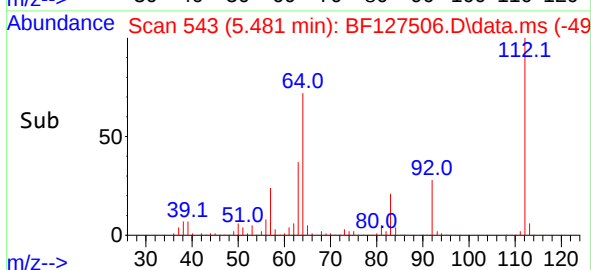
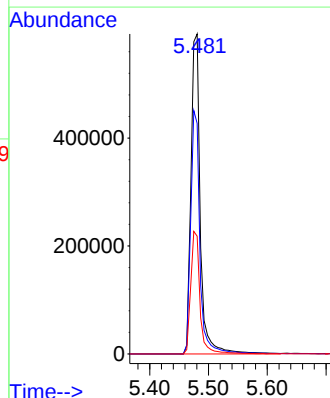
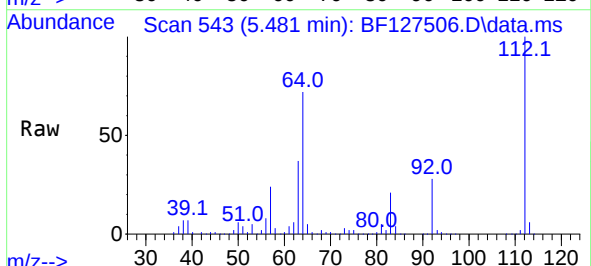
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

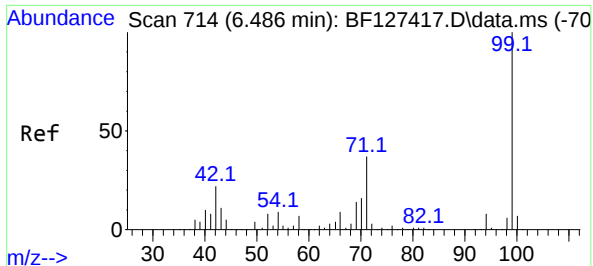
Tgt Ion:152 Resp: 79896
Ion Ratio Lower Upper
152 100
150 145.6 117.2 175.8
115 63.1 49.8 74.6



#5
2-Fluorophenol
Concen: 130.980 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion:112 Resp: 655598
Ion Ratio Lower Upper
112 100
64 72.0 58.4 87.6
63 36.8 30.1 45.1

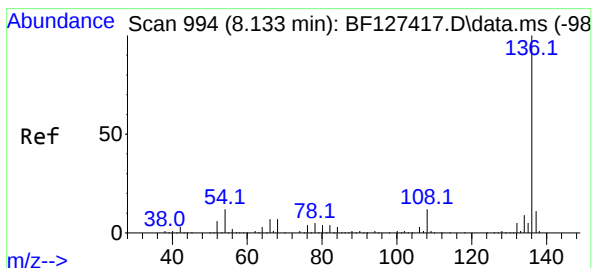
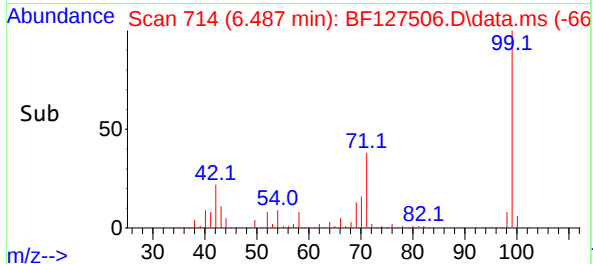
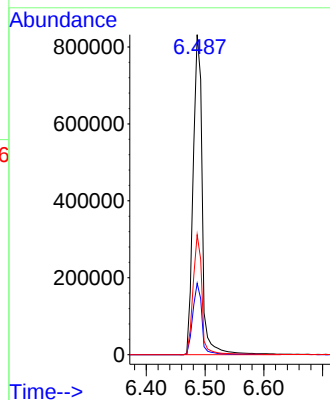
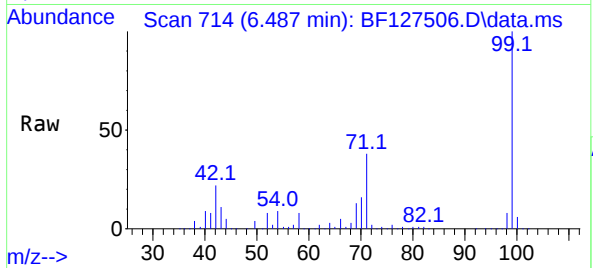




#7
Phenol-d6
Concen: 131.825 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

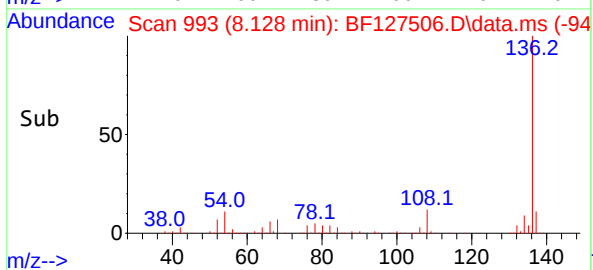
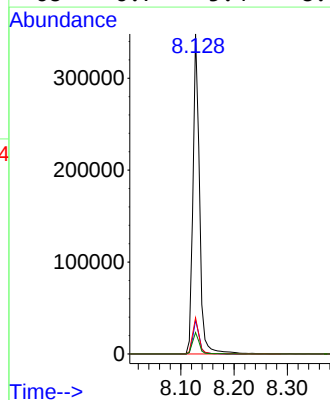
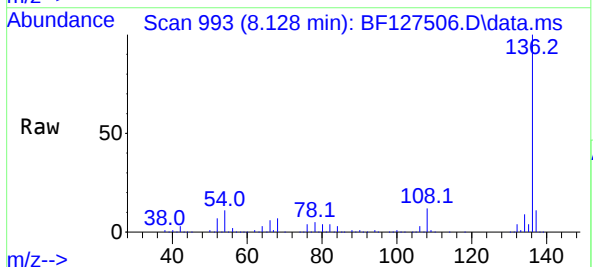
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

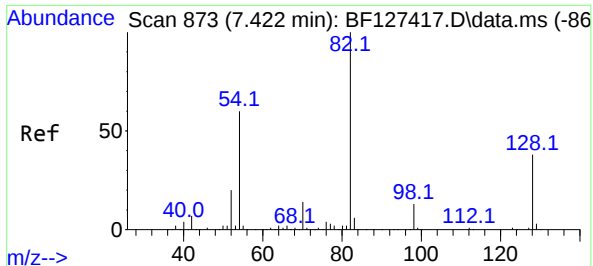
Tgt Ion: 99 Resp: 901935
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 37.5 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion:136 Resp: 299824
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.3 9.2 13.8
68 6.7 5.4 8.0

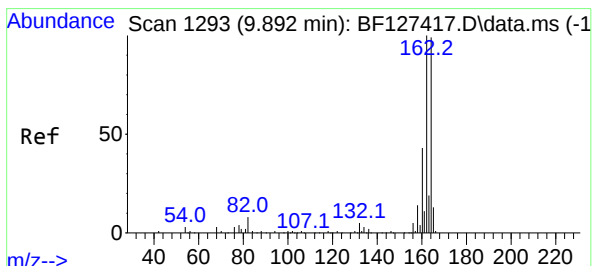
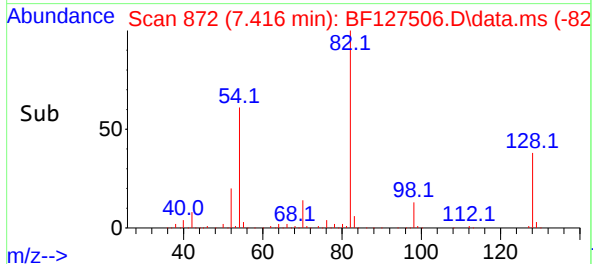
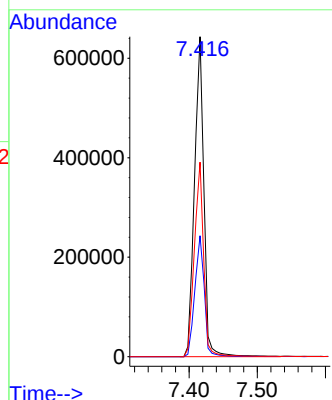
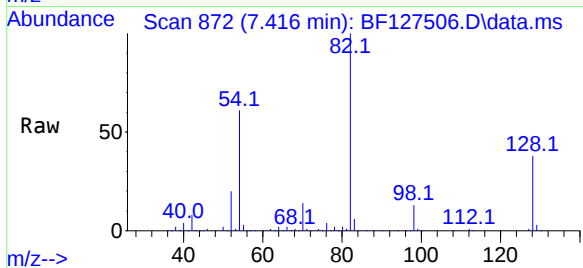




#23
Nitrobenzene-d5
Concen: 87.500 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

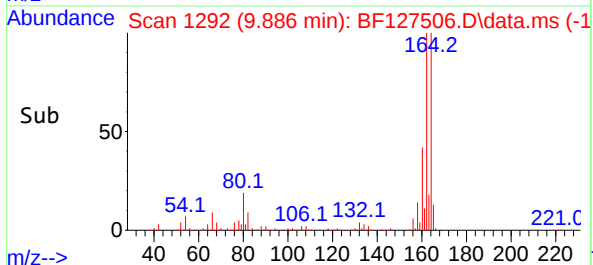
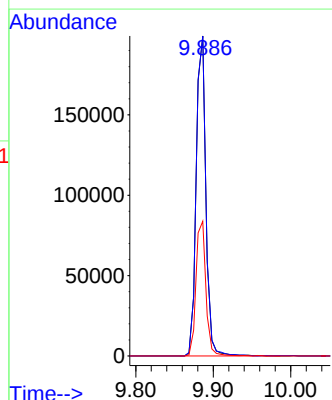
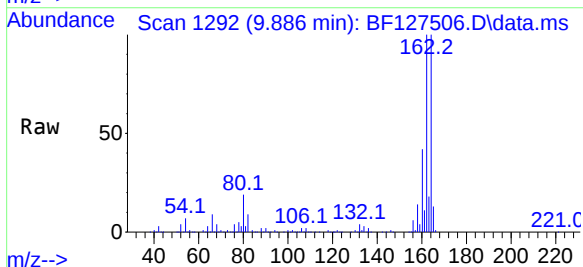
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

Tgt Ion: 82 Resp: 613739
Ion Ratio Lower Upper
82 100
128 37.8 30.6 45.8
54 60.8 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: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion:164 Resp: 171769
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 42.1 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 120.741 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127506.D

Acq: 24 Mar 2022 16:53

Instrument :

BNA_F

ClientSampleId :

WC-8-(10-10.5)

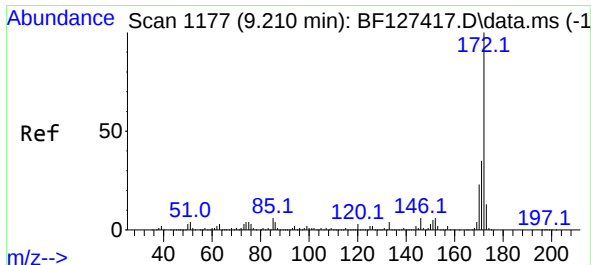
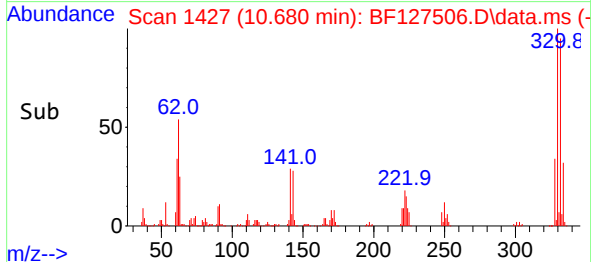
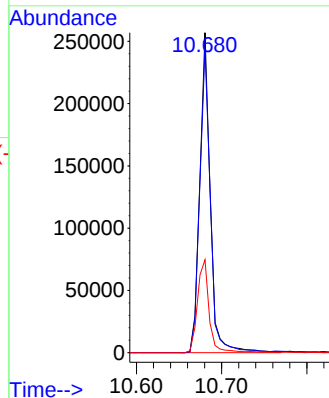
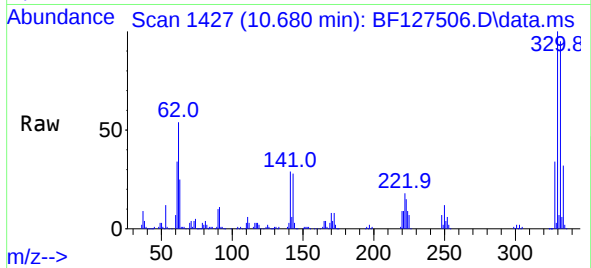
Tgt Ion:330 Resp: 220929

Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 32.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 88.498 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127506.D

Acq: 24 Mar 2022 16:53

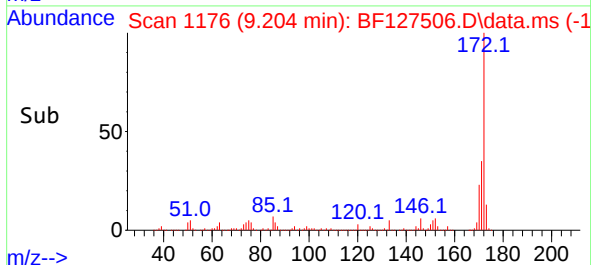
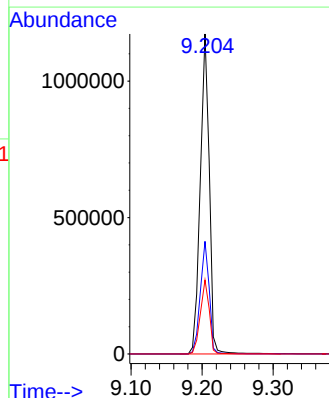
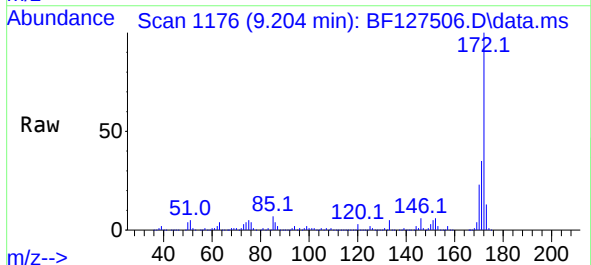
Tgt Ion:172 Resp: 1041008

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.1 18.6 27.8

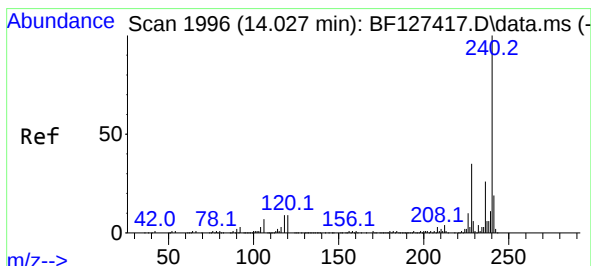
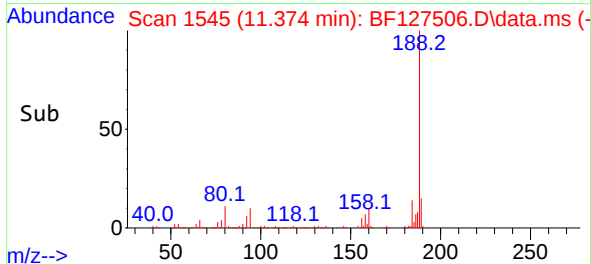
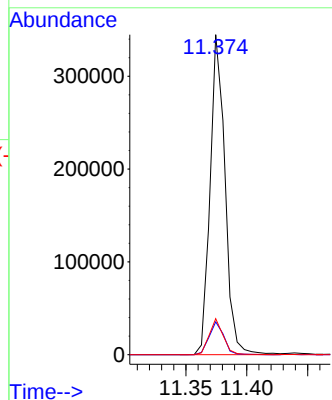
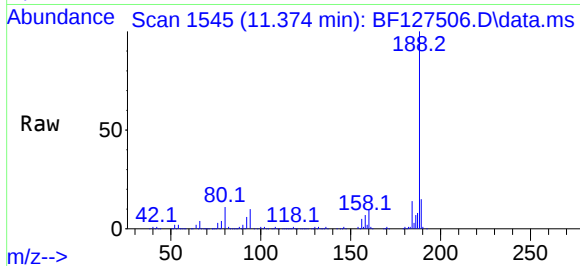




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

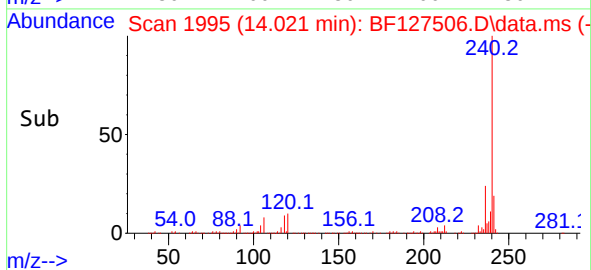
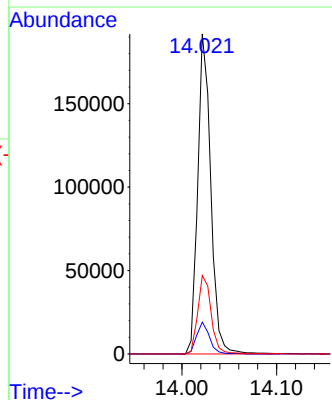
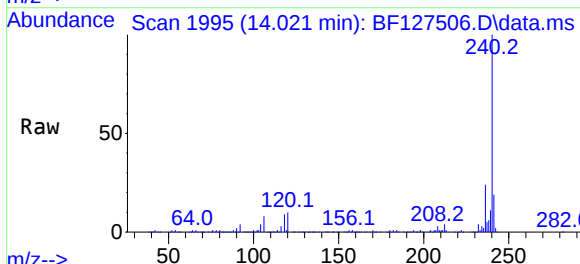
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

Tgt Ion:188 Resp: 294560
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.3 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: BF127506.D
Acq: 24 Mar 2022 16:53

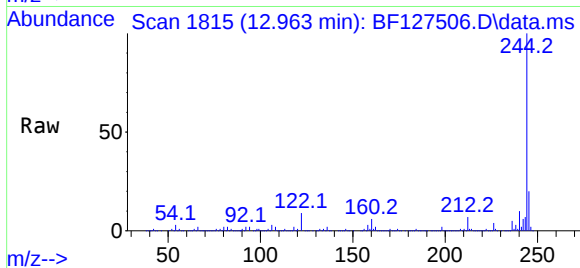
Tgt Ion:240 Resp: 184591
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 24.5 20.7 31.1



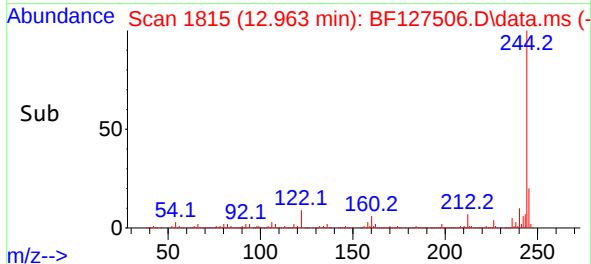
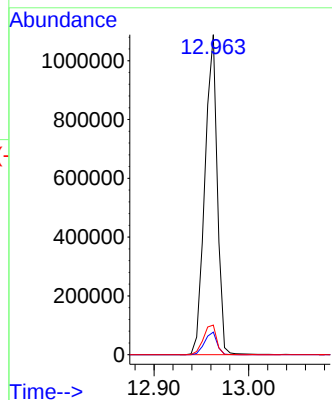


#79
 Terphenyl-d14
 Concen: 87.963 ng
 RT: 12.963 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127506.D
 Acq: 24 Mar 2022 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)



Tgt Ion:244 Resp: 991873
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.2 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: BF127506.D
 Acq: 24 Mar 2022 16:53

Tgt Ion:264 Resp: 179948
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.6 17.4 26.2

