

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127379.D
 Acq On : 17 Mar 2022 16:46
 Operator : CG\JU
 Sample : N1943-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB1

Quant Time: Mar 18 04:39:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	107297	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	390020	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	209664	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	309130	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	225658	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	168054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	592340	88.746	ng	0.00
7) Phenol-d6	6.504	99	825720	89.930	ng	0.00
23) Nitrobenzene-d5	7.434	82	560922	59.394	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	154667	68.527	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	892704	60.196	ng	0.00
79) Terphenyl-d14	12.980	244	669992	51.126	ng	-0.01

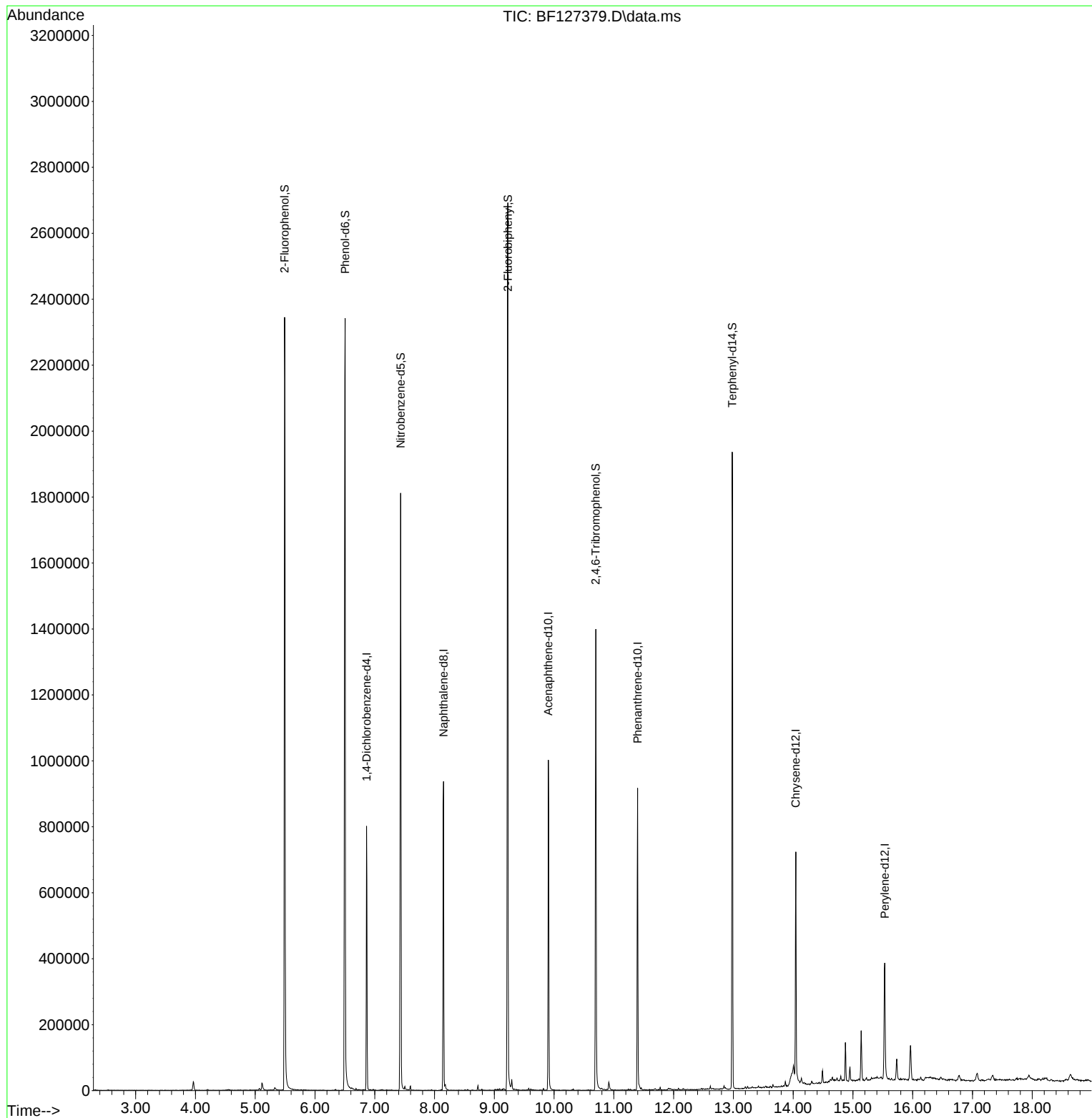
Target Compounds	Qvalue

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

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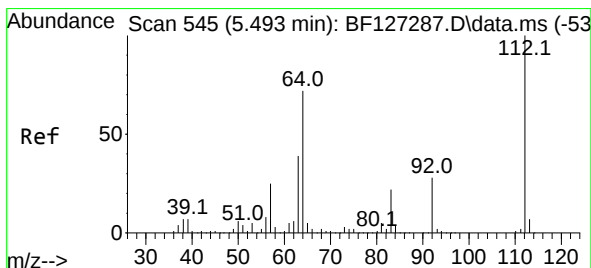
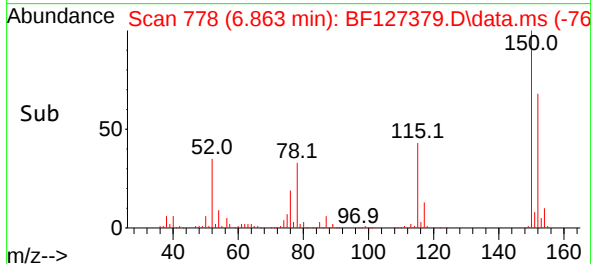
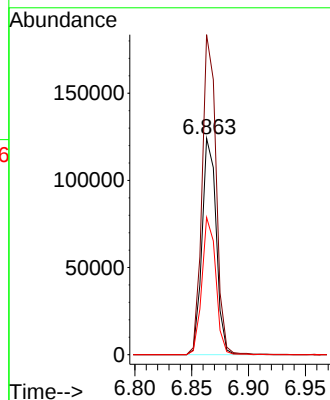
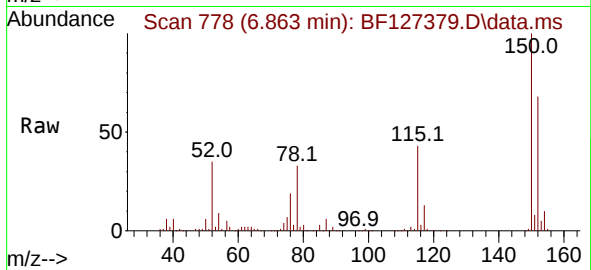




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

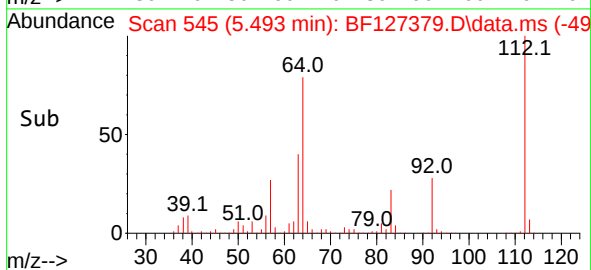
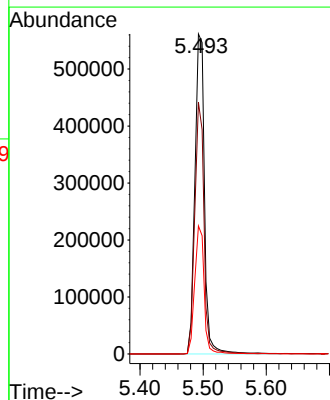
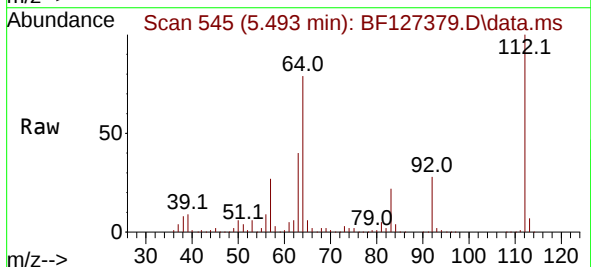
Instrument :
BNA_F
ClientSampleId :
TB1

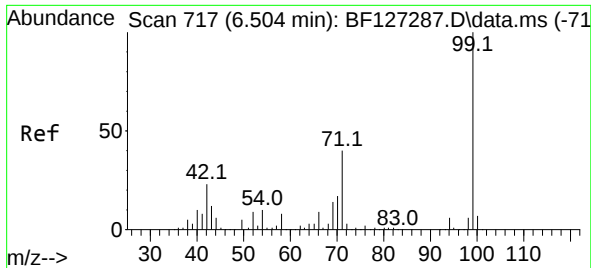
Tgt Ion:152 Resp: 107297
Ion Ratio Lower Upper
152 100
150 147.9 128.1 192.1
115 63.5 56.7 85.1



#5
2-Fluorophenol
Concen: 88.746 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion:112 Resp: 592340
Ion Ratio Lower Upper
112 100
64 78.6 49.5 74.3#
63 40.0 23.9 35.9#





#7

Phenol-d6

Concen: 89.930 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

TB1

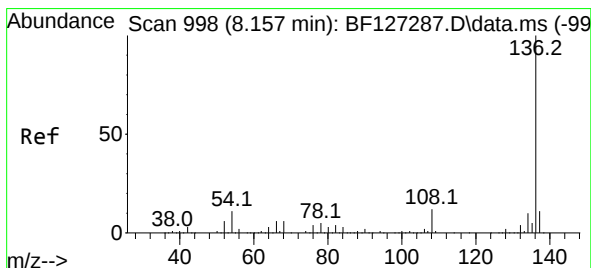
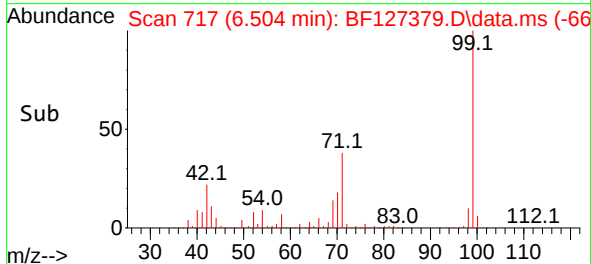
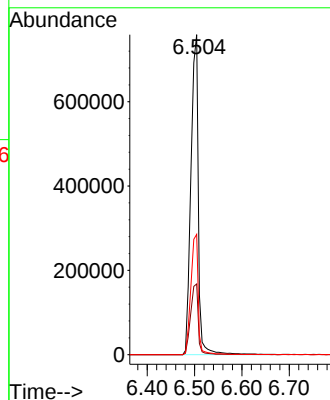
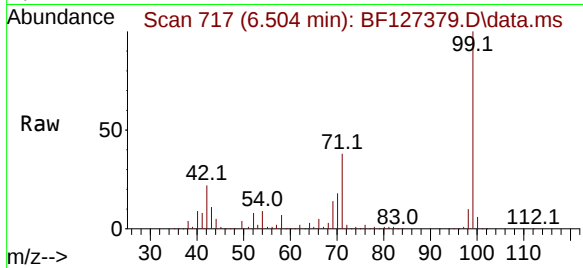
Tgt Ion: 99 Resp: 825720

Ion Ratio Lower Upper

99 100

42 22.1 14.2 21.4#

71 37.6 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

Tgt Ion: 136 Resp: 390020

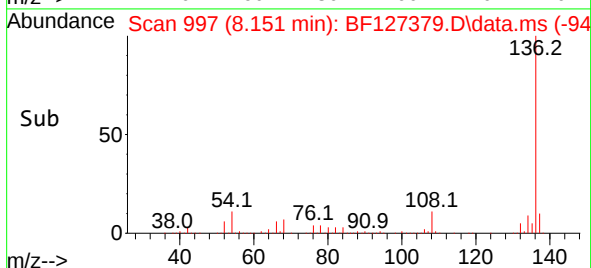
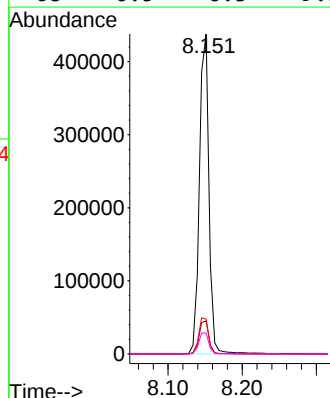
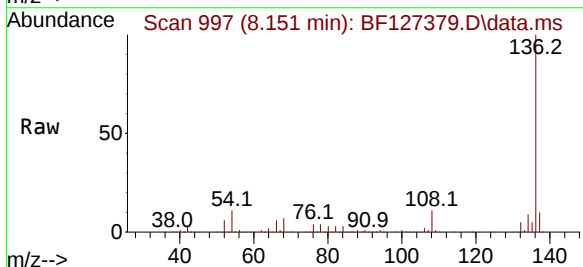
Ion Ratio Lower Upper

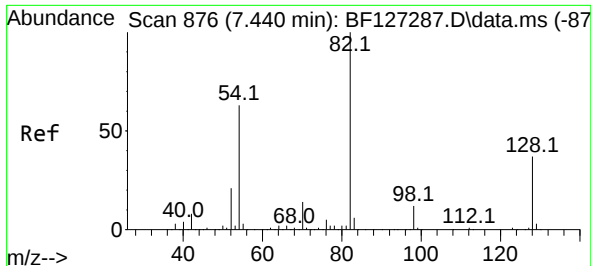
136 100

137 10.3 8.6 13.0

54 10.9 7.8 11.6

68 6.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 59.394 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

TB1

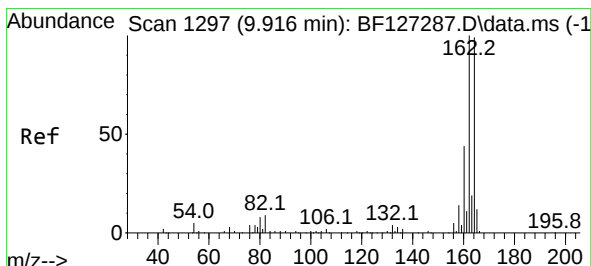
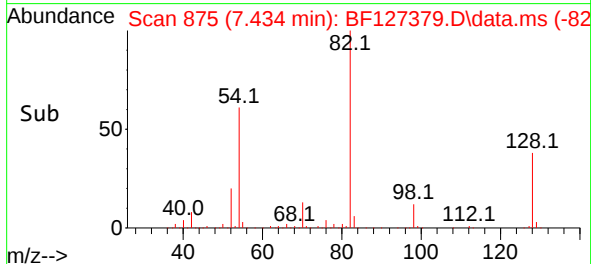
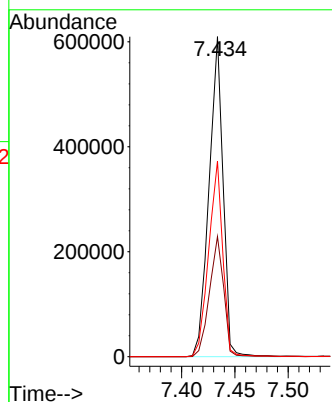
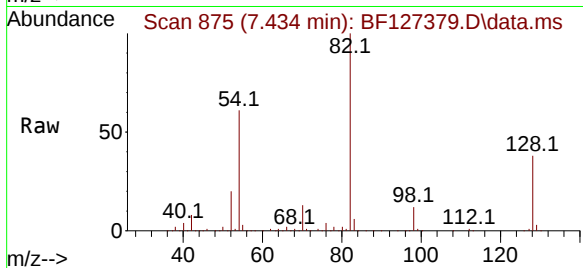
Tgt Ion: 82 Resp: 560922

Ion Ratio Lower Upper

82 100

128 37.5 32.7 49.1

54 61.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

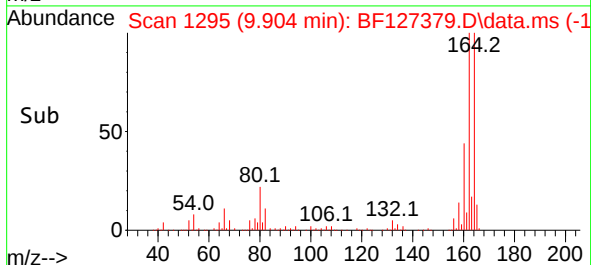
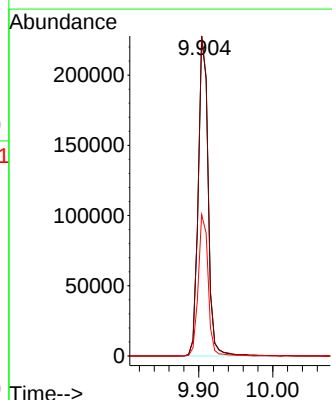
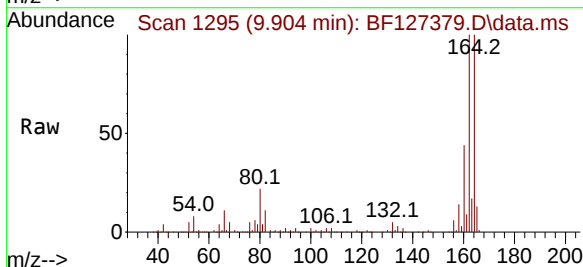
Tgt Ion:164 Resp: 209664

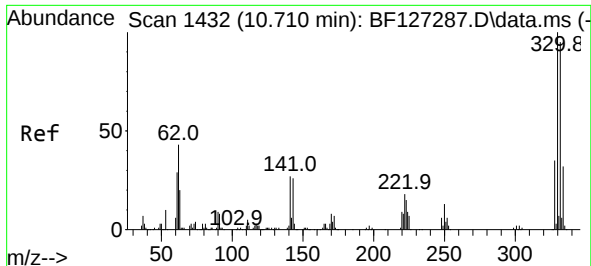
Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

160 44.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 68.527 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

TB1

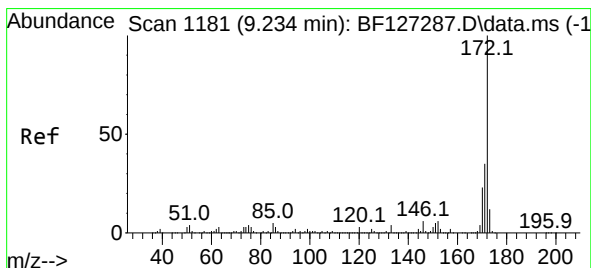
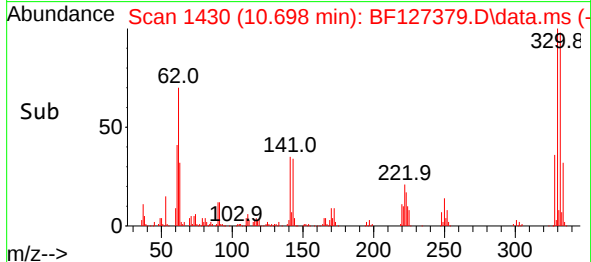
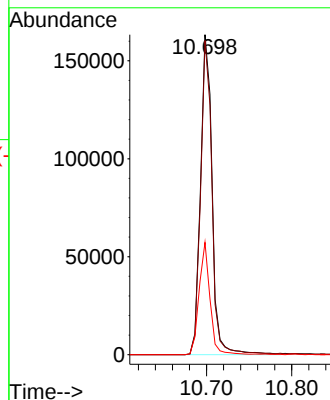
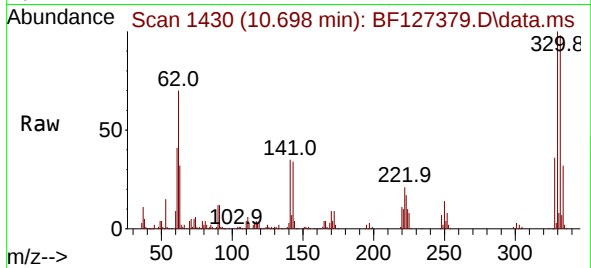
Tgt Ion:330 Resp: 154667

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 60.196 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

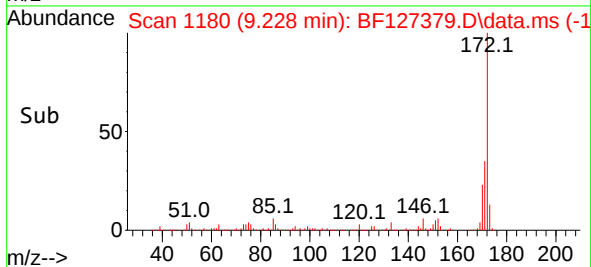
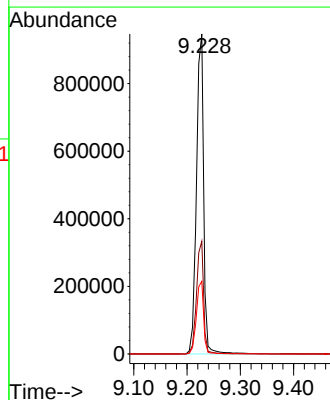
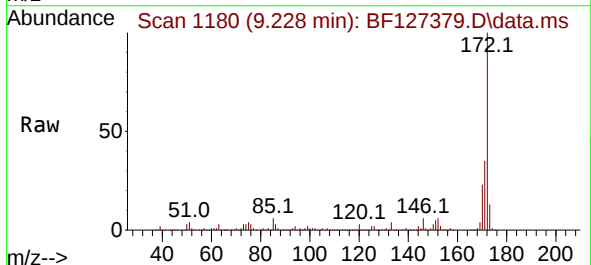
Tgt Ion:172 Resp: 892704

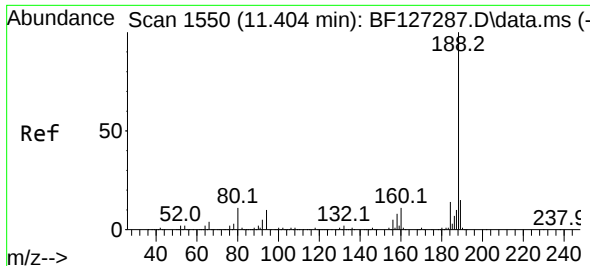
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 22.7 19.0 28.6

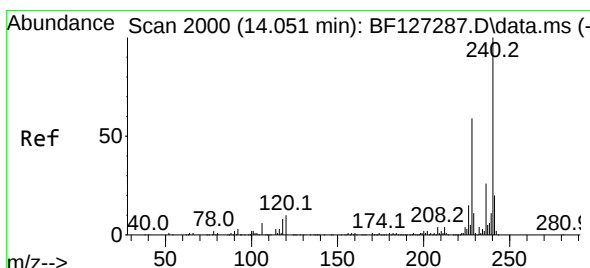
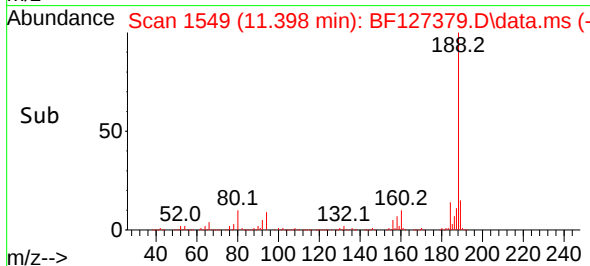
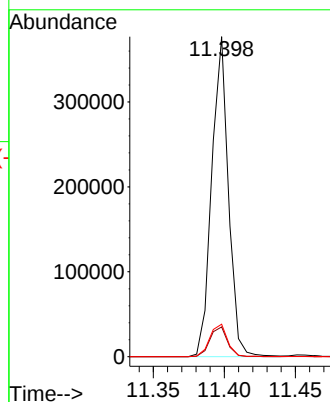
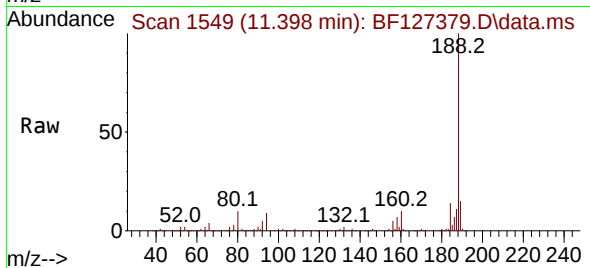




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

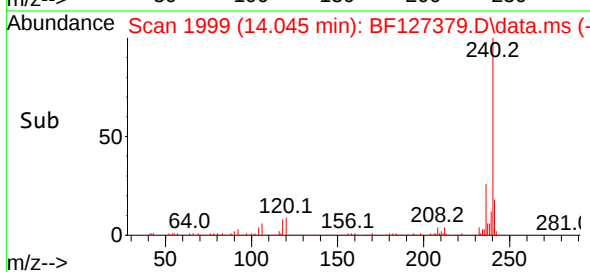
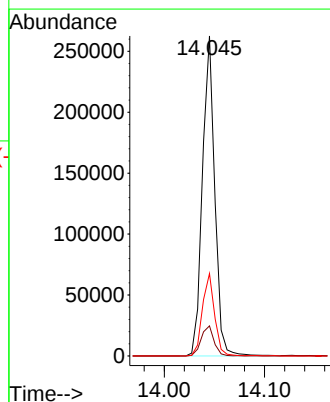
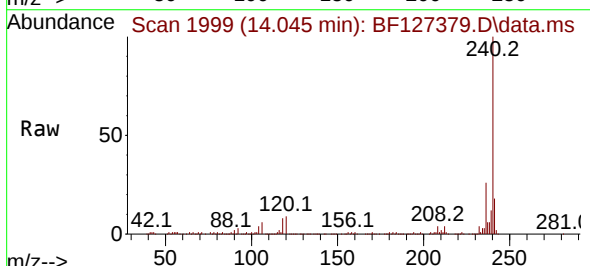
Instrument :
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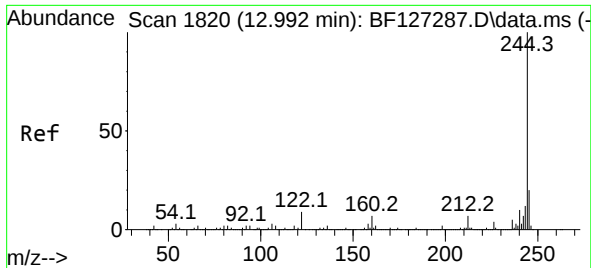
Tgt Ion:188 Resp: 309130
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.1 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion:240 Resp: 225658
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 25.8 20.5 30.7

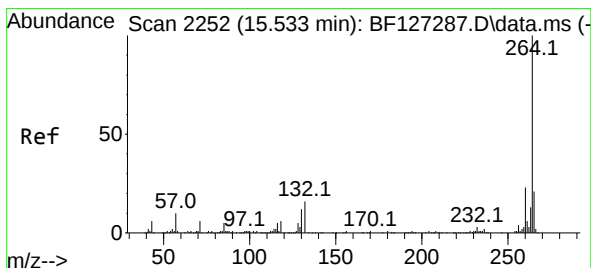
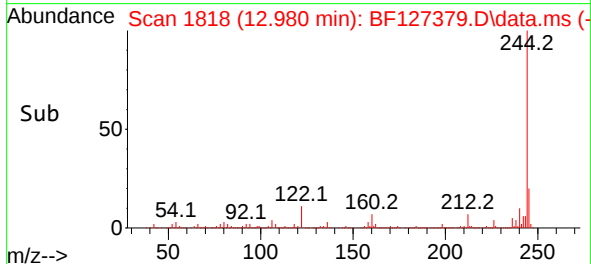
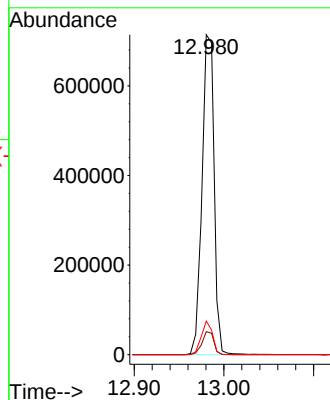
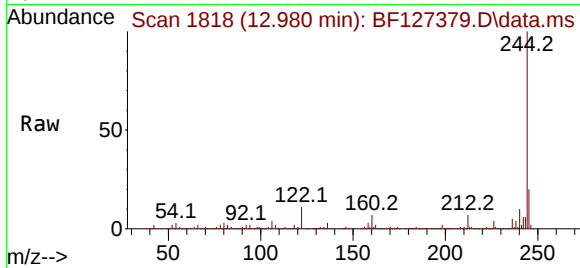




#79
 Terphenyl-d14
 Concen: 51.126 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.012 min
 Lab File: BF127379.D
 Acq: 17 Mar 2022 16:46

Instrument :
 BNA_F
 ClientSampleId :
 TB1

Tgt Ion:244 Resp: 669992
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 10.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127379.D
 Acq: 17 Mar 2022 16:46

Tgt Ion:264 Resp: 168054
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.3 17.4 26.2

