

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128125.D
 Acq On : 06 May 2022 15:36
 Operator : CG\JU
 Sample : N2712-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: May 06 16:10:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	76629	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	293120	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	169518	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	322311	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	255928	20.000	ng	-0.01
86) Perylene-d12	15.586	264	184932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	478659	99.492	ng	0.00
7) Phenol-d6	6.534	99	625006	100.119	ng	-0.01
23) Nitrobenzene-d5	7.469	82	435415	69.852	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	185479	108.691	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	717889	71.643	ng	0.00
79) Terphenyl-d14	13.027	244	906736	64.785	ng	0.00

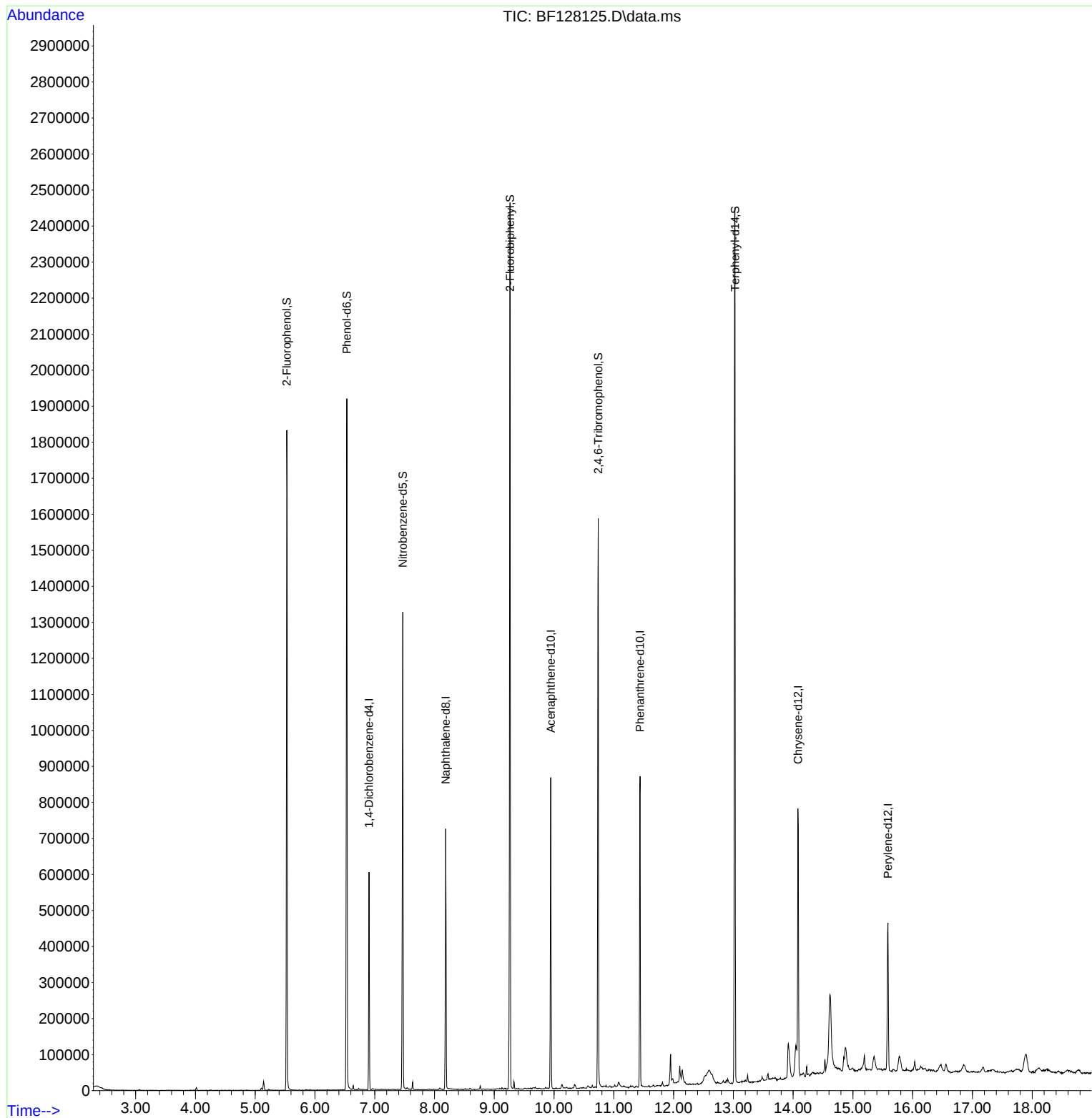
Target Compounds	Qvalue

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

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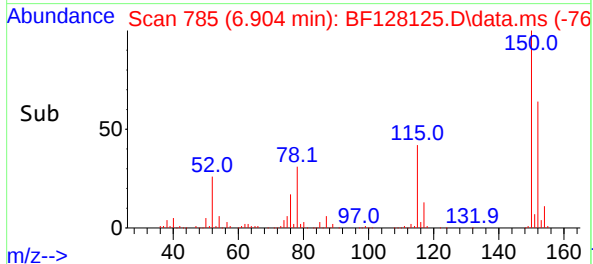
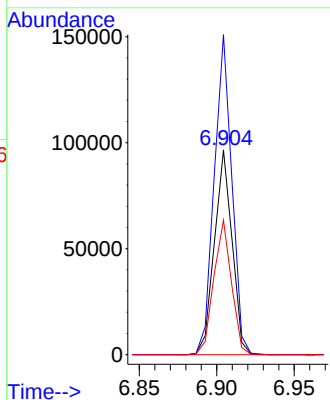
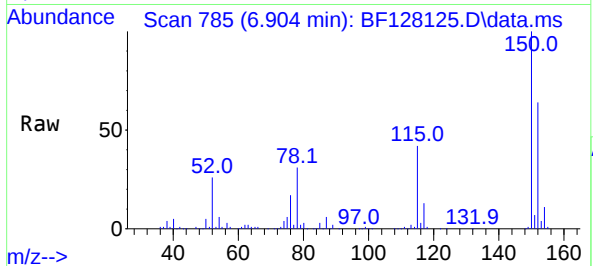




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

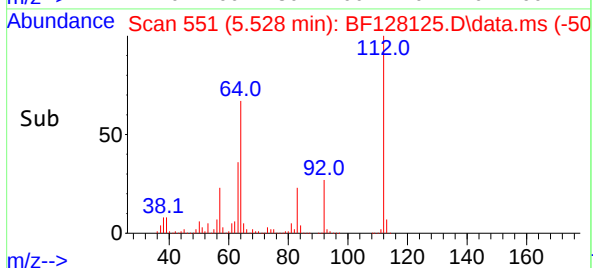
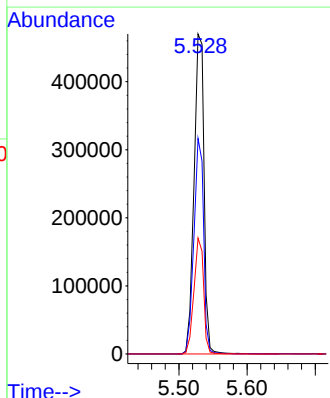
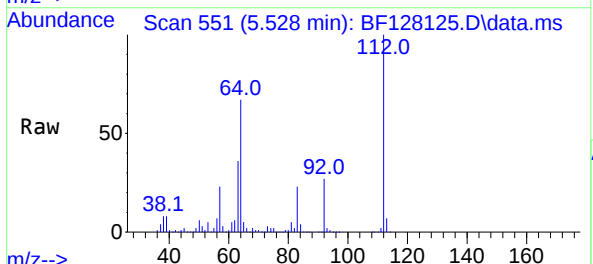
Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 76629
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 65.7 48.8 73.2

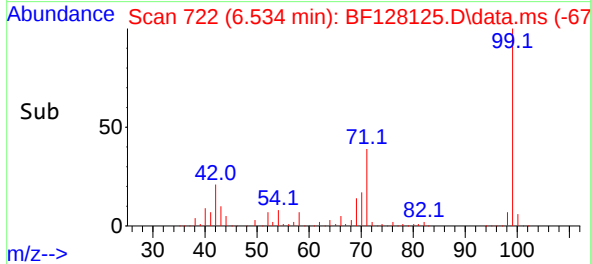
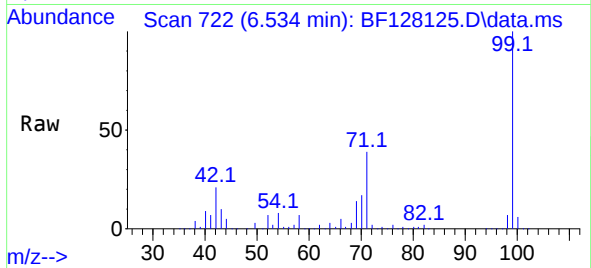
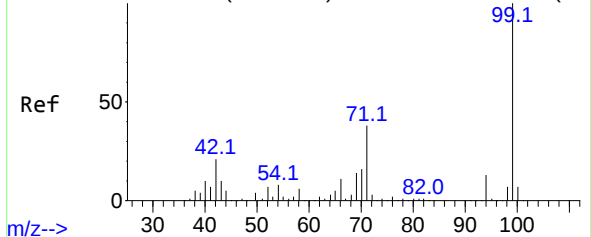


#5
2-Fluorophenol
Concen: 99.492 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:112 Resp: 478659
Ion Ratio Lower Upper
112 100
64 67.3 49.5 74.3
63 36.2 26.3 39.5



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 100.119 ng

RT: 6.534 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128125.D

Acq: 06 May 2022 15:36

Instrument :

BNA_F

ClientSampleId :

SP-1

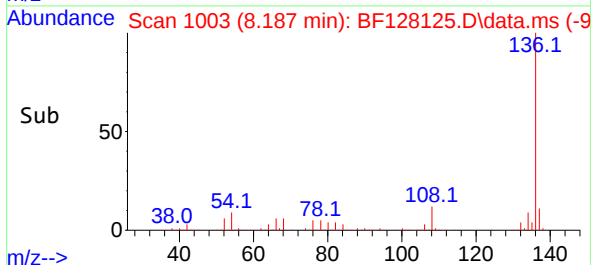
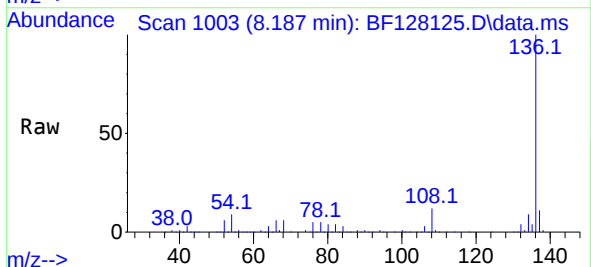
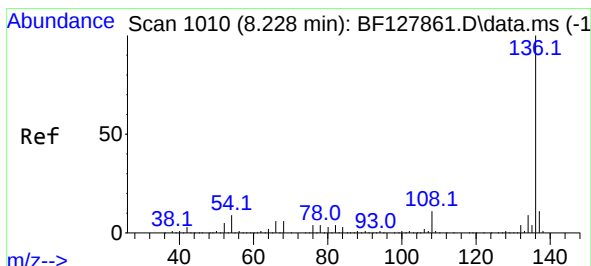
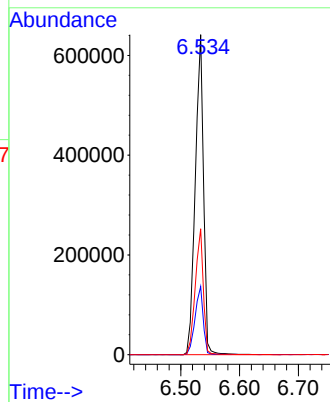
Tgt Ion: 99 Resp: 625006

Ion Ratio Lower Upper

99 100

42 21.3 16.6 24.8

71 39.4 30.0 45.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BF128125.D

Acq: 06 May 2022 15:36

Tgt Ion: 136 Resp: 293120

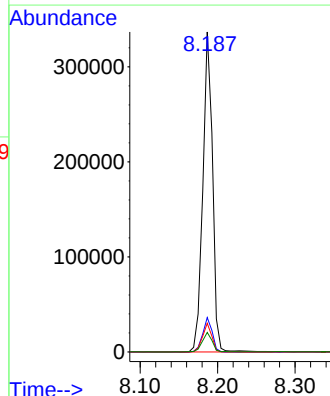
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.0 6.8 10.2

68 6.1 5.1 7.7

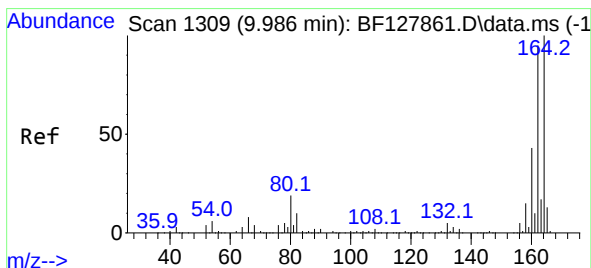
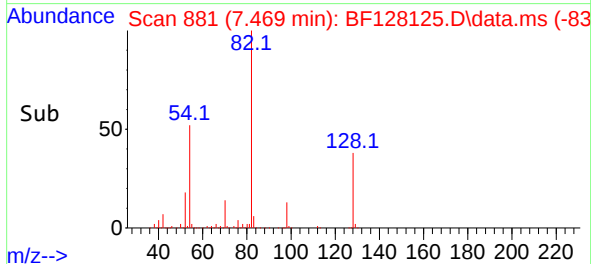
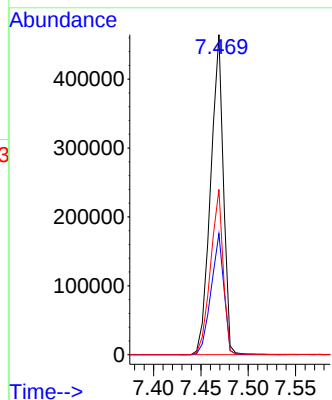
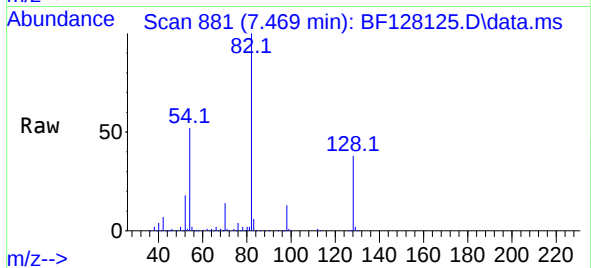




#23
Nitrobenzene-d5
Concen: 69.852 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

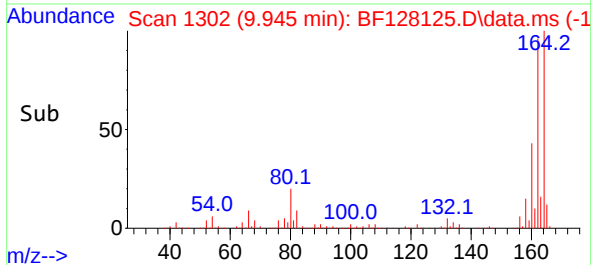
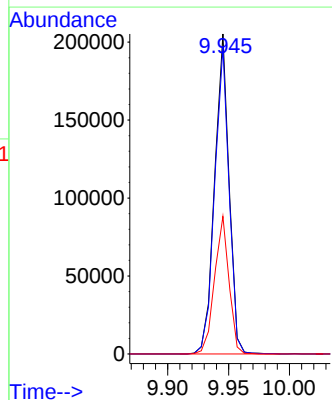
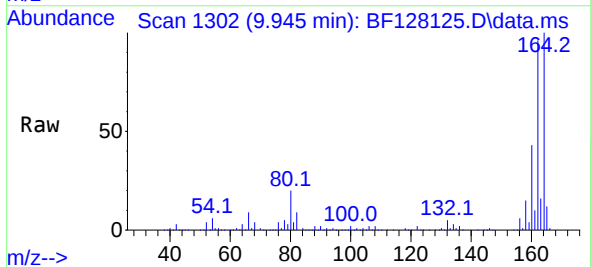
Instrument :
BNA_F
ClientSampleId :
SP-1

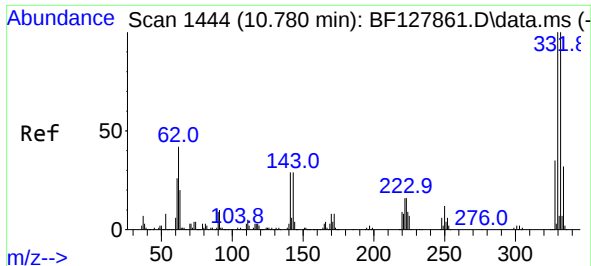
Tgt Ion: 82 Resp: 435415
Ion Ratio Lower Upper
82 100
128 37.9 30.0 45.0
54 51.6 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion: 164 Resp: 169518
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 108.691 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128125.D

Acq: 06 May 2022 15:36

Instrument :

BNA_F

ClientSampleId :

SP-1

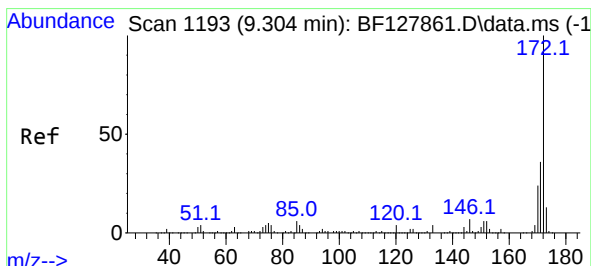
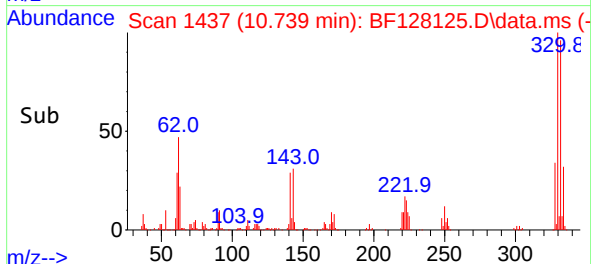
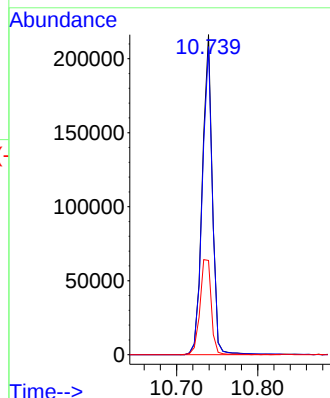
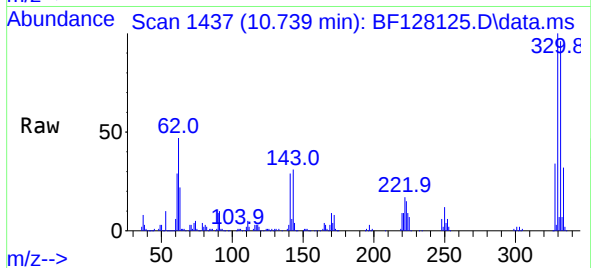
Tgt Ion:330 Resp: 185479

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.643 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128125.D

Acq: 06 May 2022 15:36

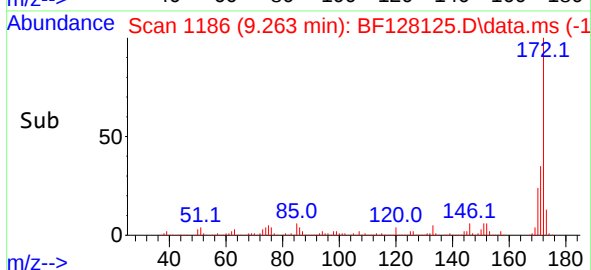
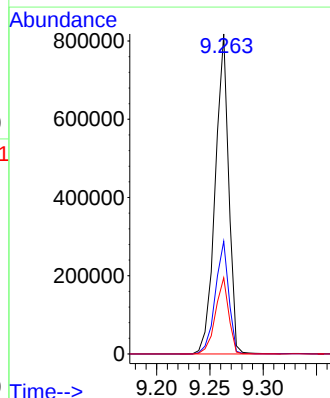
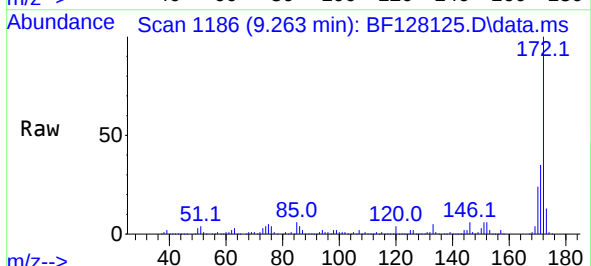
Tgt Ion:172 Resp: 717889

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.8 19.1 28.7

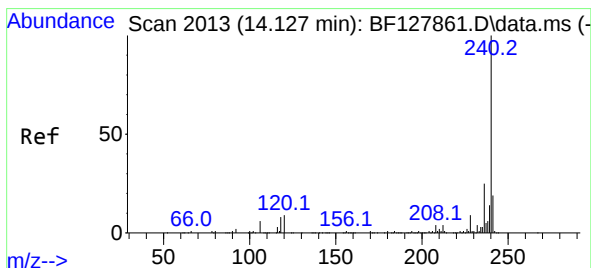
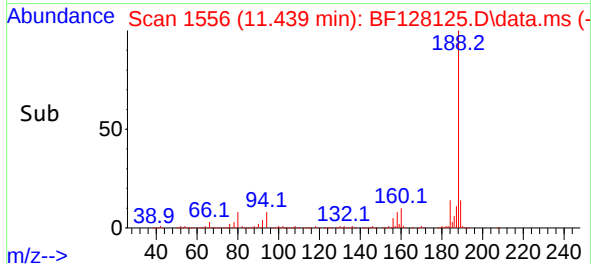
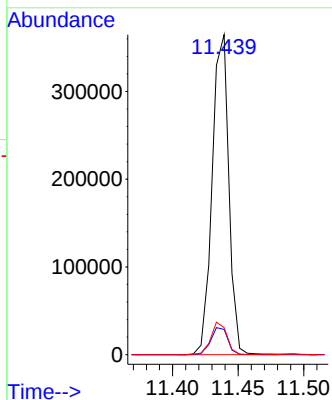
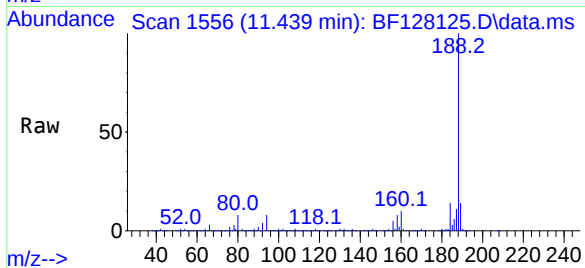




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

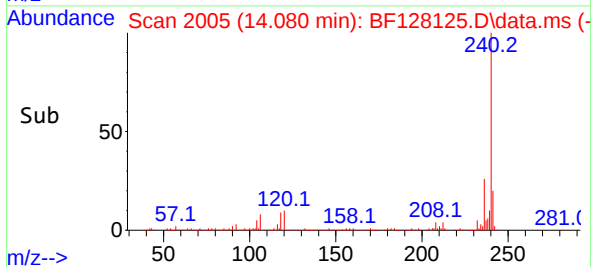
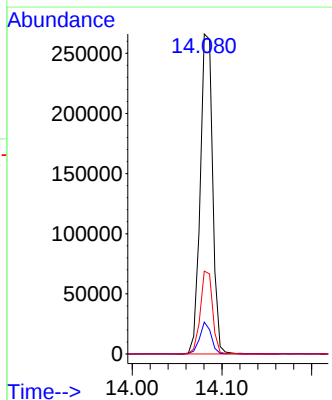
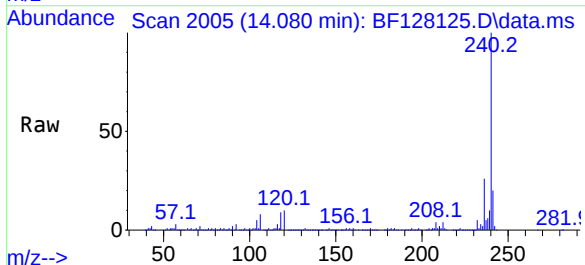
Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:188 Resp: 322311
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:240 Resp: 255928
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.9 20.3 30.5

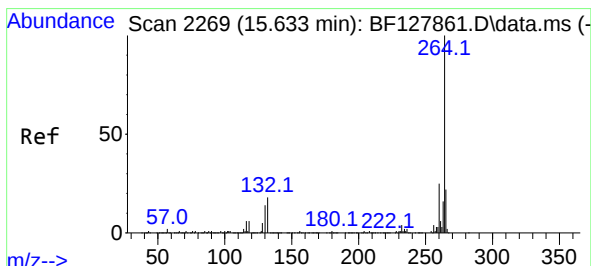
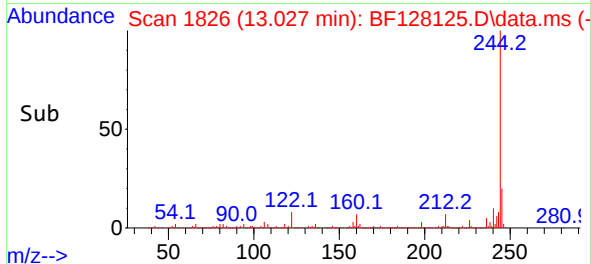
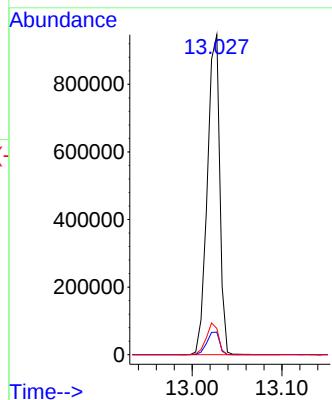
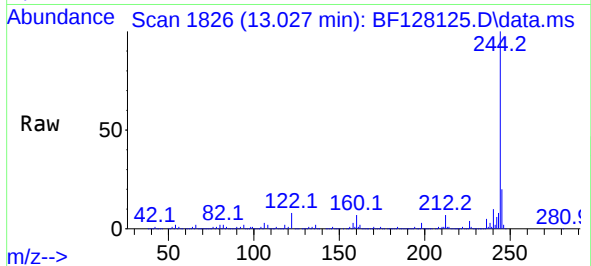




#79
 Terphenyl-d14
 Concen: 64.785 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128125.D
 Acq: 06 May 2022 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 906736
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128125.D
 Acq: 06 May 2022 15:36

Tgt Ion:264 Resp: 184932
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 20.8 17.5 26.3

