

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131427.D
 Acq On : 28 Nov 2022 13:34
 Operator : CG\JU
 Sample : N5766-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-1

Quant Time: Nov 29 00:21:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	79632	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	298425	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	174469	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	315140	20.000	ng	0.00
76) Chrysene-d12	14.157	240	189641	20.000	ng	-0.01
86) Perylene-d12	15.692	264	153818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	529126	126.462	ng	0.01
7) Phenol-d6	6.569	99	658910	123.428	ng	0.00
23) Nitrobenzene-d5	7.516	82	444285	75.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	204047	139.014	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	863730	72.023	ng	0.00
79) Terphenyl-d14	13.098	244	944125	81.411	ng	0.00

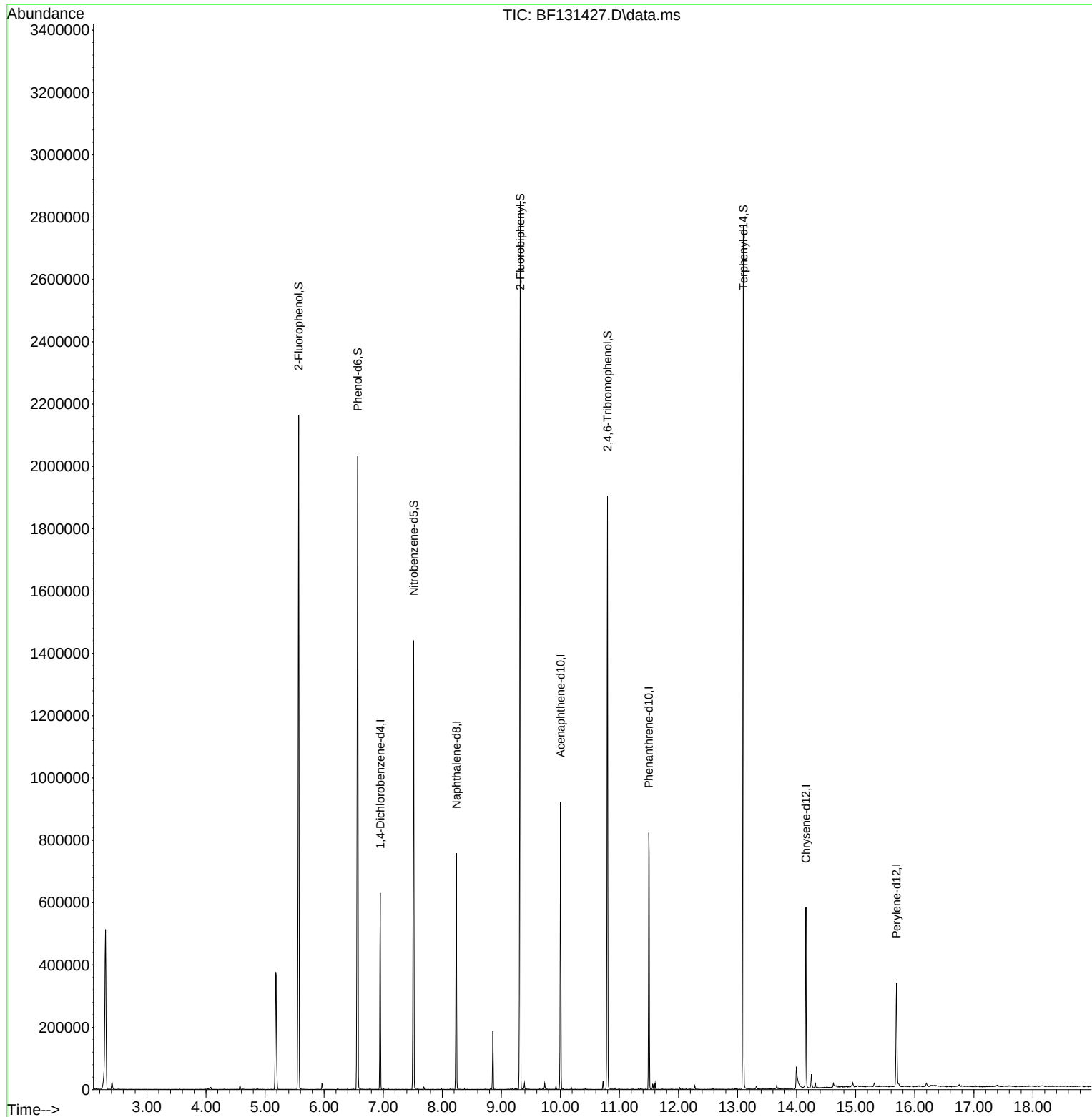
Target Compounds Qvalue

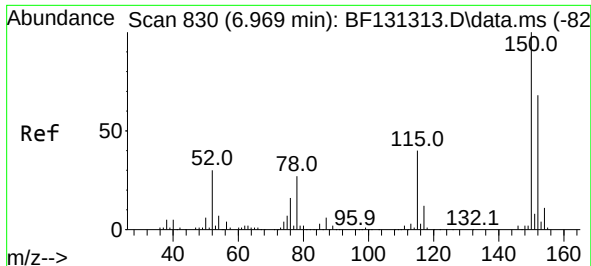
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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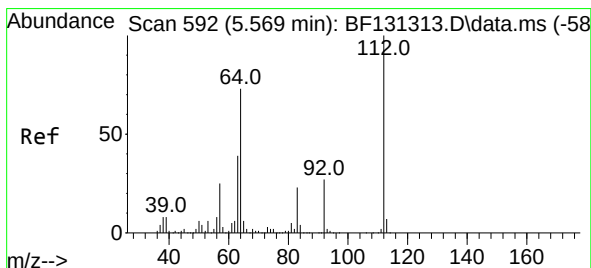
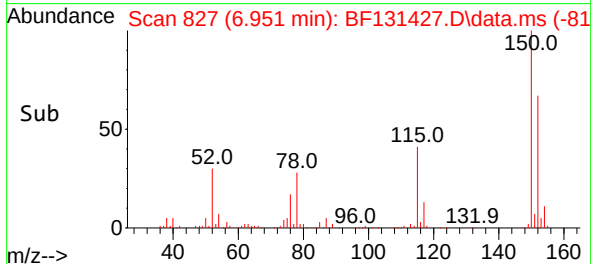
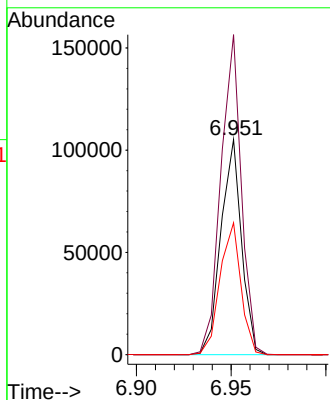
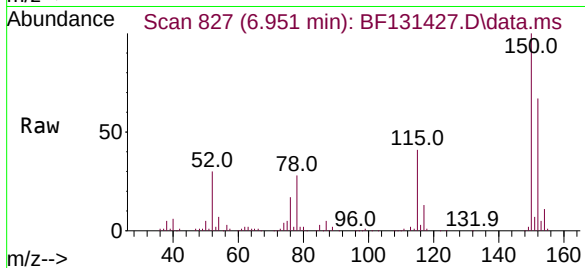




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

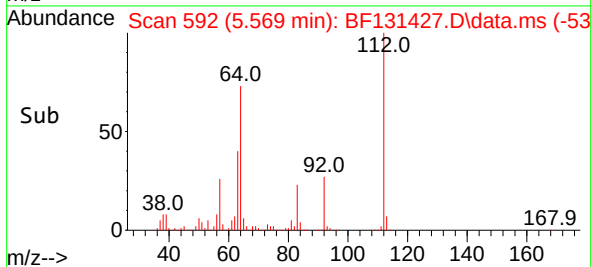
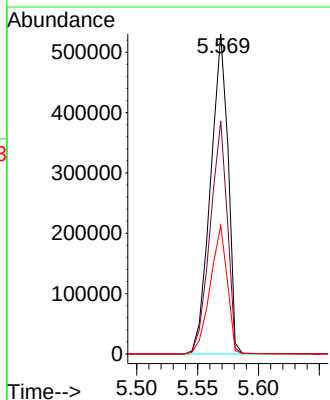
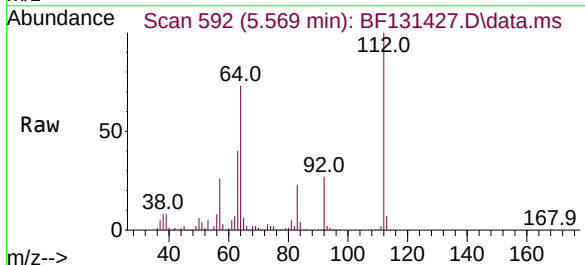
Instrument :
 BNA_F
 ClientSampleId :
 CR-1

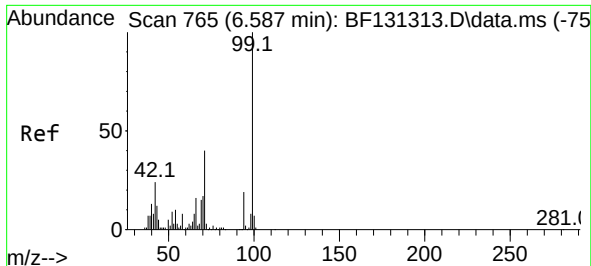
Tgt Ion:152 Resp: 79632
 Ion Ratio Lower Upper
 152 100
 150 148.8 117.8 176.8
 115 61.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 126.462 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

Tgt Ion:112 Resp: 529126
 Ion Ratio Lower Upper
 112 100
 64 72.8 58.6 88.0
 63 40.1 31.4 47.0

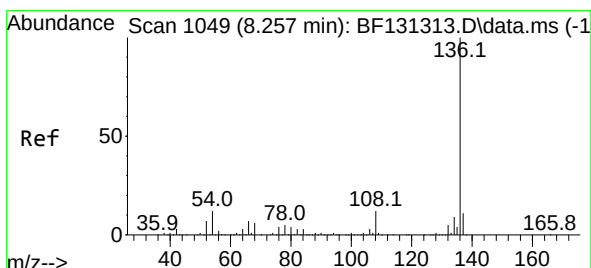
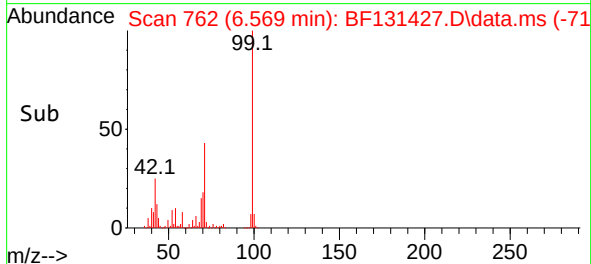
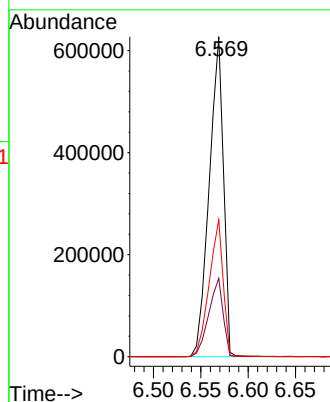
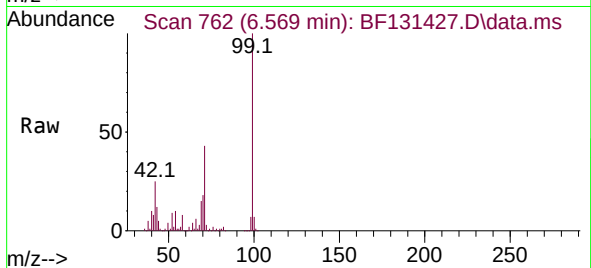




#7
Phenol-d6
Concen: 123.428 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

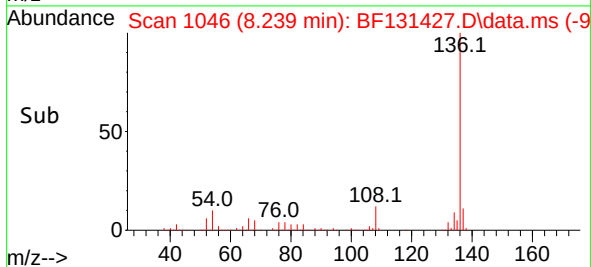
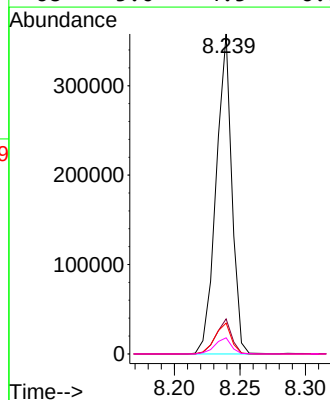
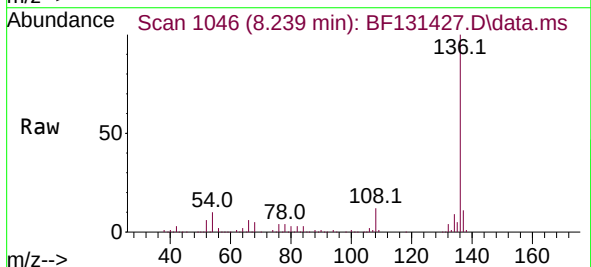
Instrument :
BNA_F
ClientSampleId :
CR-1

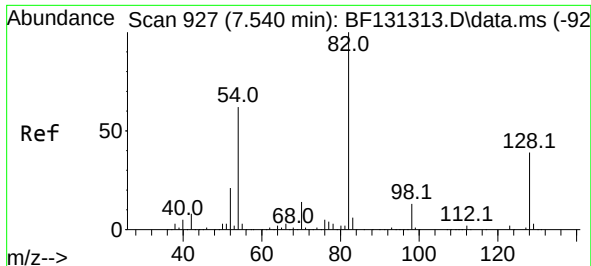
Tgt Ion: 99 Resp: 658910
Ion Ratio Lower Upper
99 100
42 24.5 19.4 29.2
71 42.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Tgt Ion: 136 Resp: 298425
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.6 9.4 14.0
68 5.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 75.047 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

Instrument :

BNA_F

ClientSampleId :

CR-1

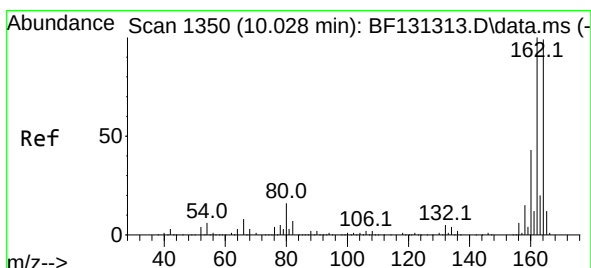
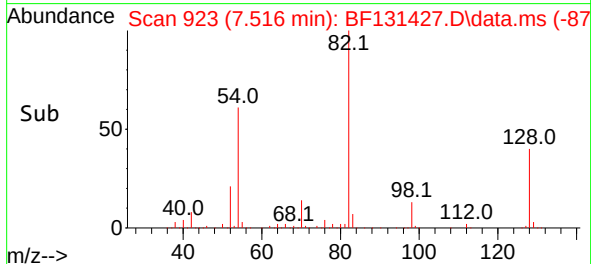
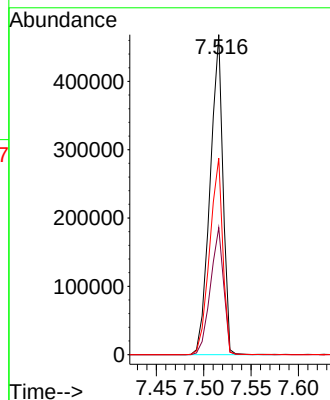
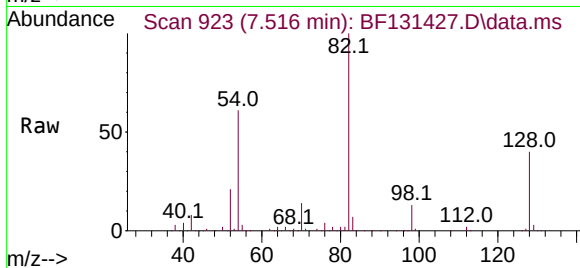
Tgt Ion: 82 Resp: 444285

Ion Ratio Lower Upper

82 100

128 39.7 31.4 47.0

54 61.4 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

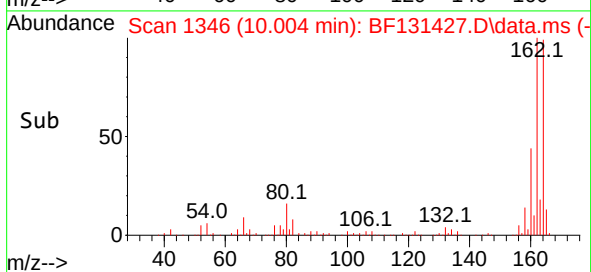
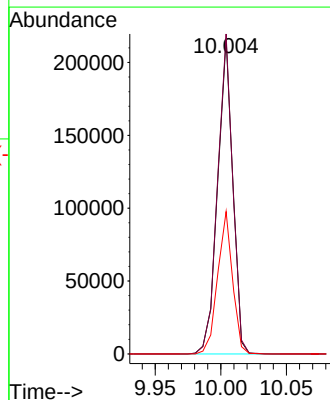
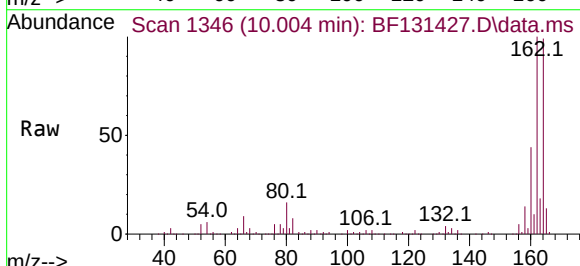
Tgt Ion:164 Resp: 174469

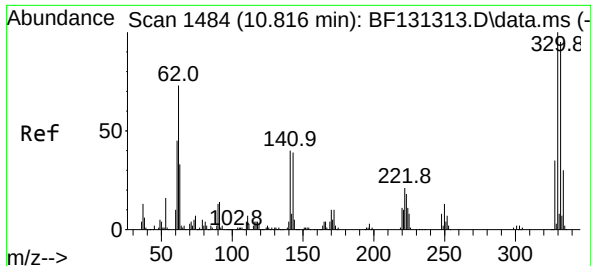
Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 45.1 34.4 51.6

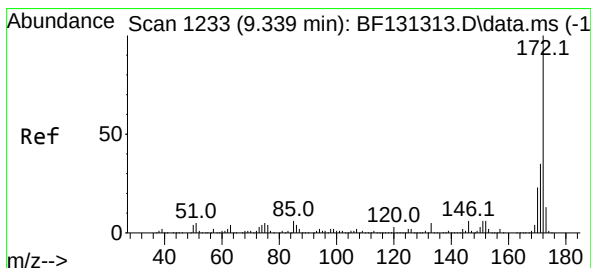
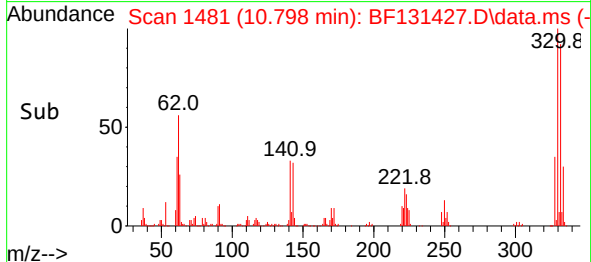
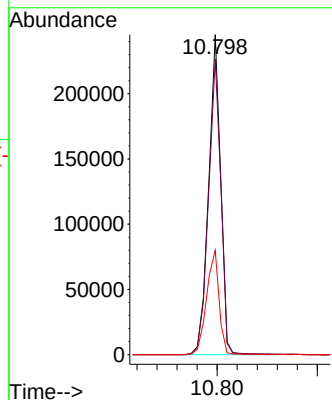
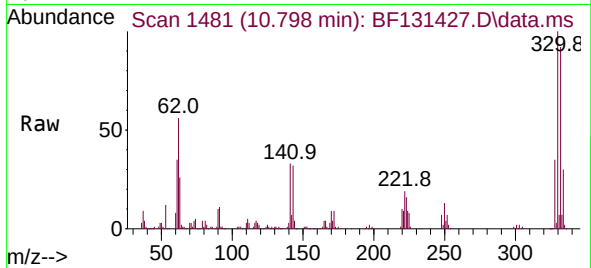




#42
2,4,6-Tribromophenol
Concen: 139.014 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

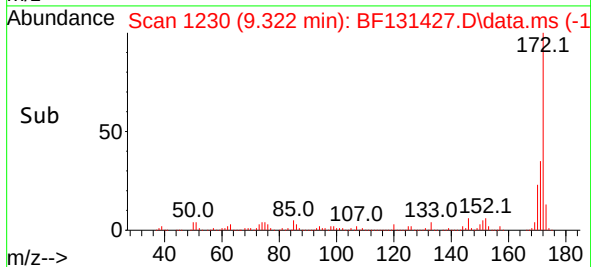
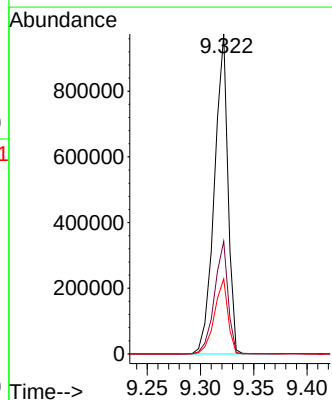
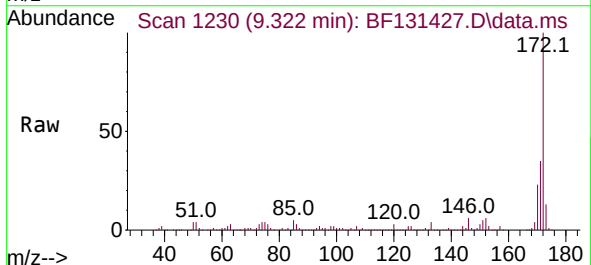
Instrument :
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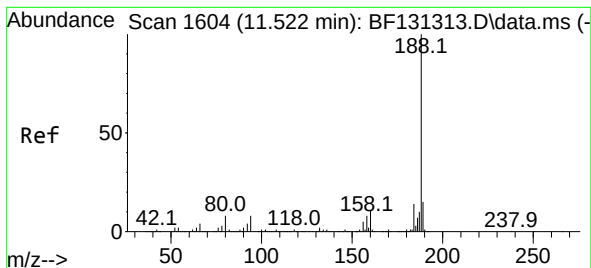
Tgt Ion: 330 Resp: 204047
Ion Ratio Lower Upper
330 100
332 94.7 77.5 116.3
141 33.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 72.023 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131427.D
Acq: 28 Nov 2022 13:34

Tgt Ion: 172 Resp: 863730
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

Instrument :

BNA_F

ClientSampleId :

CR-1

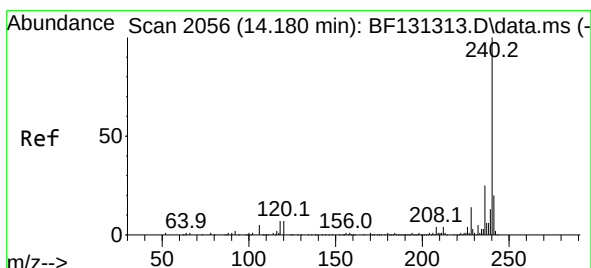
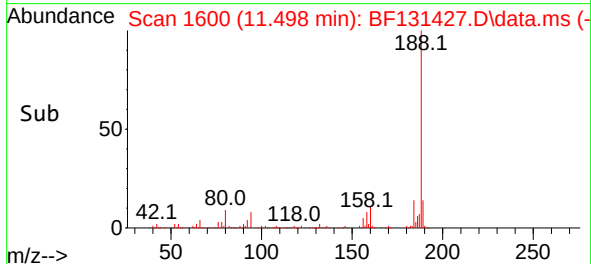
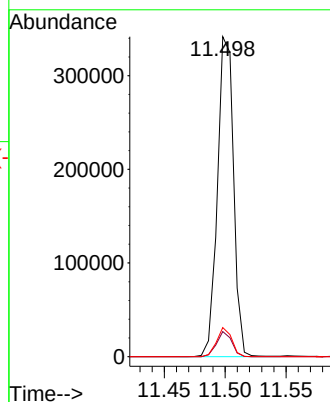
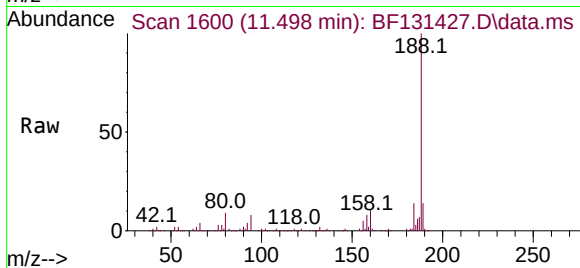
Tgt Ion:188 Resp: 315140

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

80 9.1 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.012 min

Lab File: BF131427.D

Acq: 28 Nov 2022 13:34

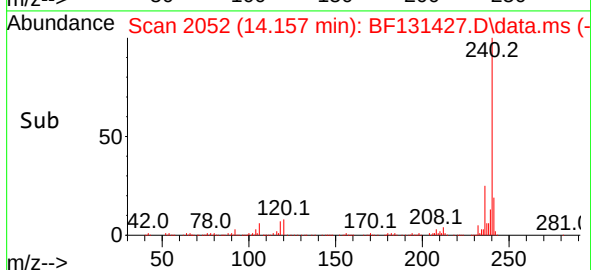
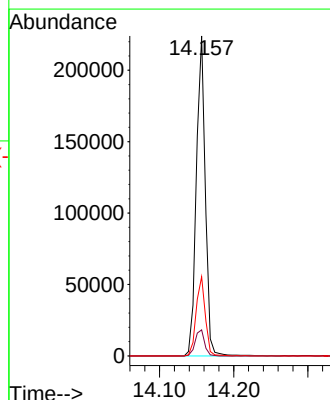
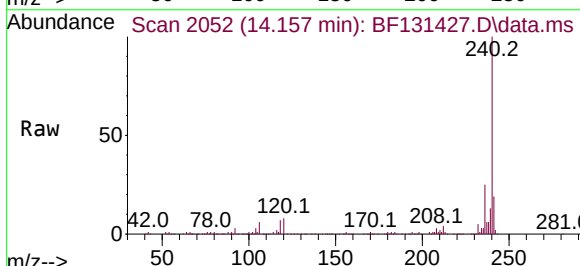
Tgt Ion:240 Resp: 189641

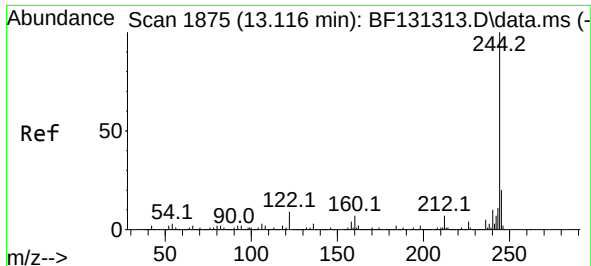
Ion Ratio Lower Upper

240 100

120 8.1 5.8 8.8

236 24.7 20.3 30.5

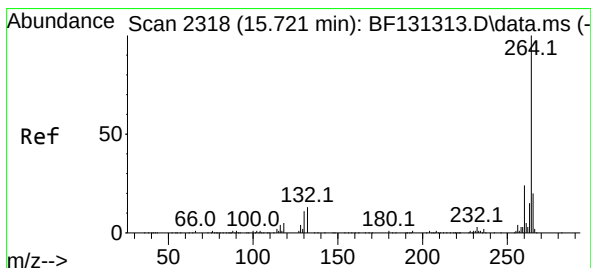
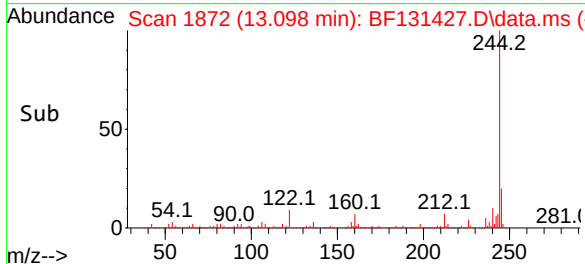
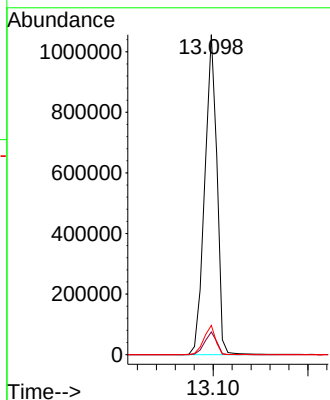
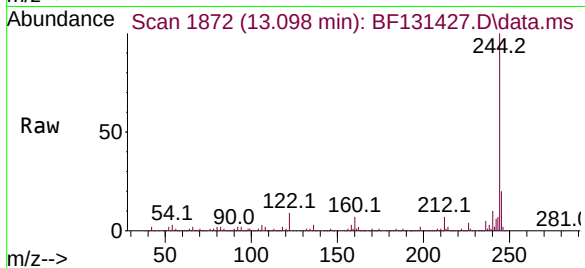




#79
 Terphenyl-d14
 Concen: 81.411 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

Instrument :
 BNA_F
 ClientSampleId :
 CR-1

Tgt Ion:244 Resp: 944125
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2313
 Delta R.T. -0.006 min
 Lab File: BF131427.D
 Acq: 28 Nov 2022 13:34

Tgt Ion:264 Resp: 153818
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.3 16.4 24.6

