

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131727.D
 Acq On : 20 Dec 2022 22:45
 Operator : CG\JU
 Sample : N6071-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08

Quant Time: Dec 21 04:49:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	76768	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	285098	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	168478	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	327229	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161096	20.000	ng	0.00
86) Perylene-d12	15.551	264	156202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	949694	208.313	ng	0.02
7) Phenol-d6	6.504	99	1257163	204.875	ng	0.00
23) Nitrobenzene-d5	7.440	82	868088	123.610	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	336996	182.747	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1413770	117.549	ng	0.00
79) Terphenyl-d14	13.010	244	1602748	155.058	ng	0.00

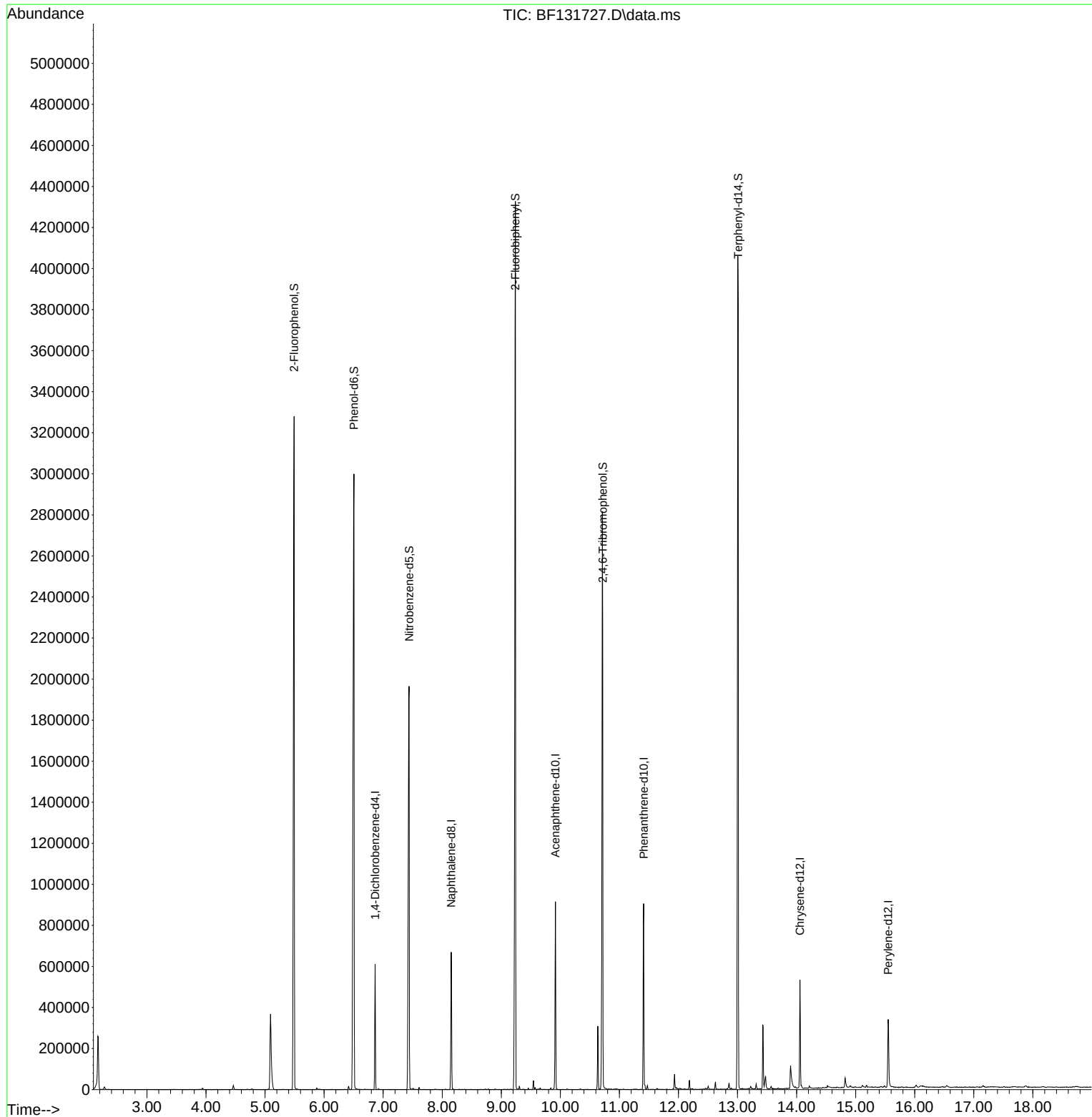
Target Compounds	Qvalue

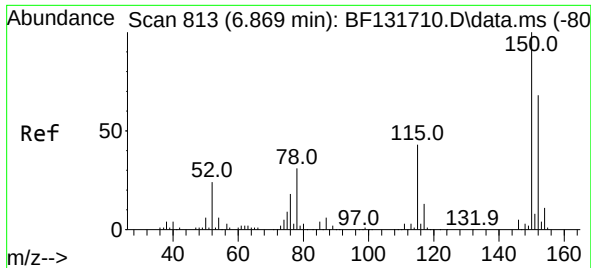
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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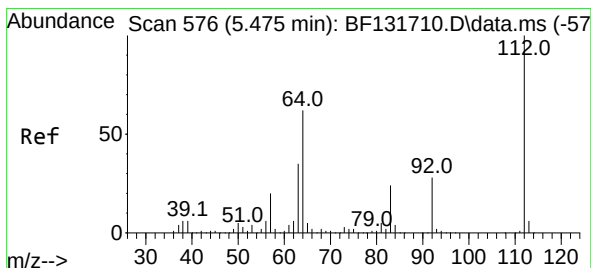
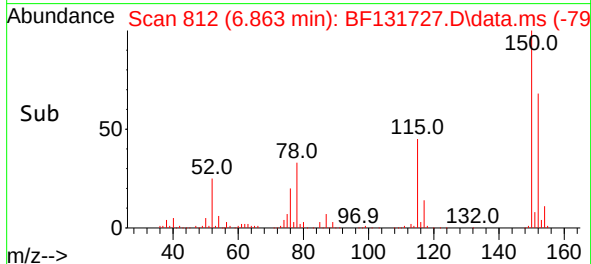
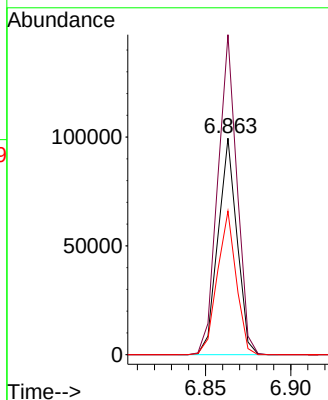
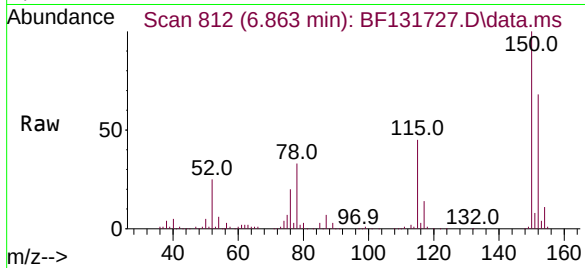




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131727.D
Acq: 20 Dec 2022 22:45

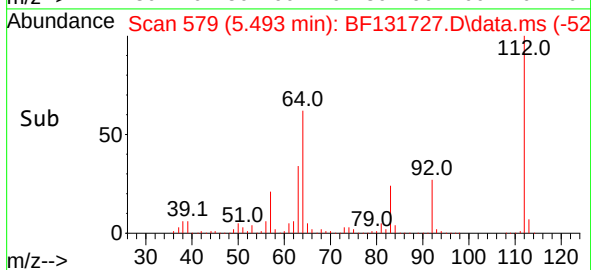
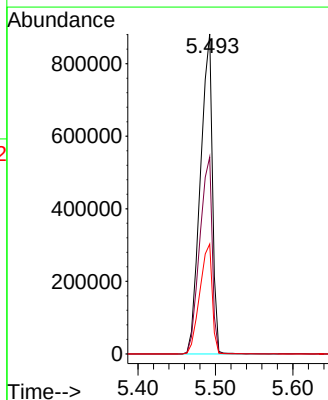
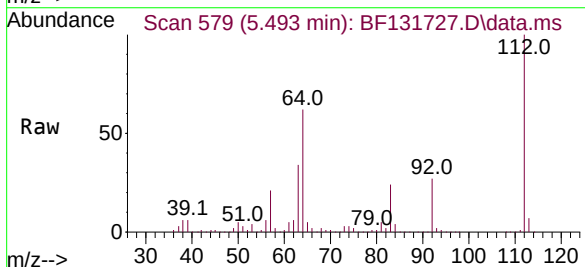
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

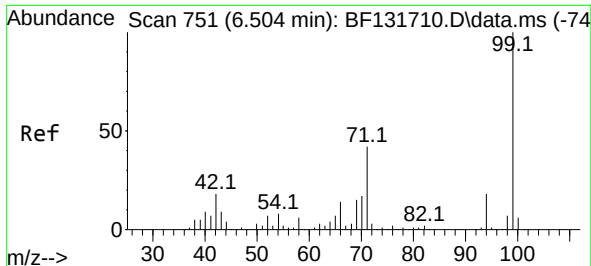
Tgt Ion:152 Resp: 76768
Ion Ratio Lower Upper
152 100
150 147.9 117.4 176.0
115 66.3 50.2 75.4



#5
2-Fluorophenol
Concen: 208.313 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131727.D
Acq: 20 Dec 2022 22:45

Tgt Ion:112 Resp: 949694
Ion Ratio Lower Upper
112 100
64 61.5 49.5 74.3
63 34.4 28.2 42.2

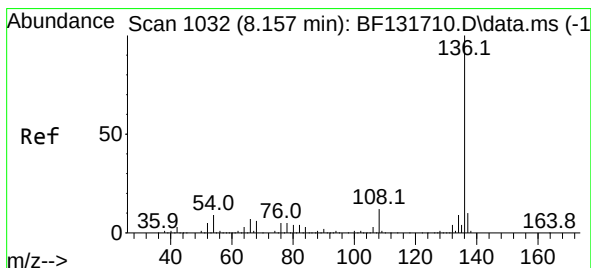
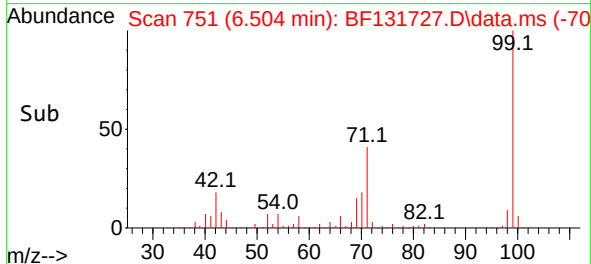
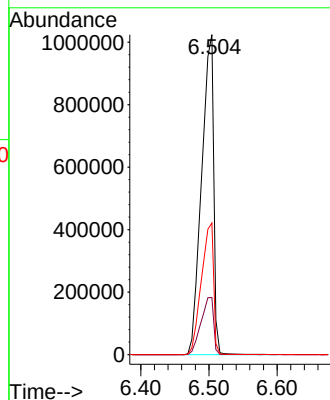
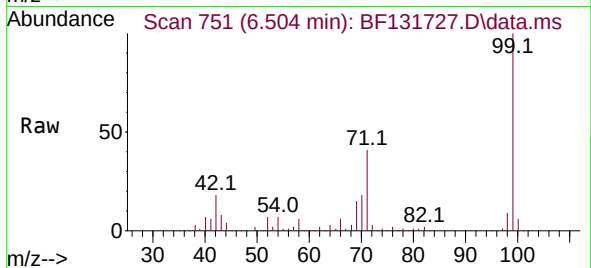




#7
Phenol-d6
Concen: 204.875 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131727.D
Acq: 20 Dec 2022 22:45

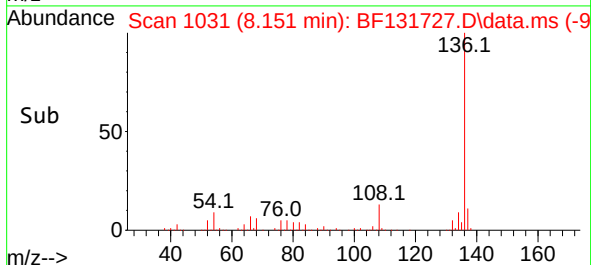
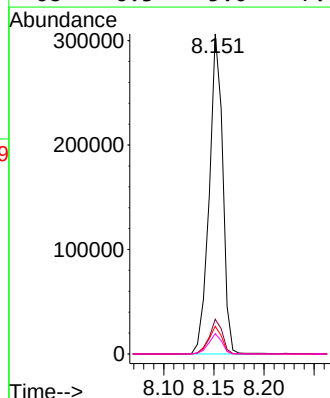
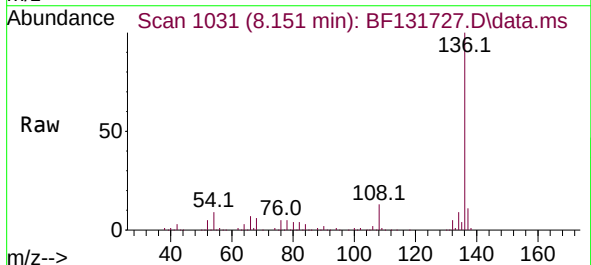
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

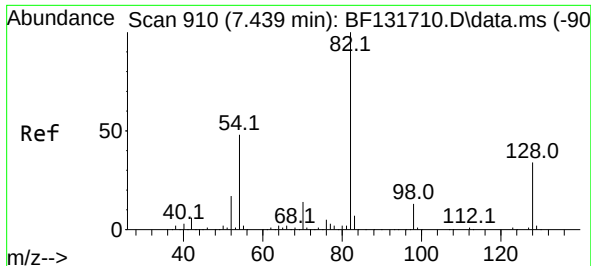
Tgt Ion: 99 Resp: 1257163
Ion Ratio Lower Upper
99 100
42 17.8 14.8 22.2
71 41.1 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131727.D
Acq: 20 Dec 2022 22:45

Tgt Ion: 136 Resp: 285098
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.6 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 123.610 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131727.D

Acq: 20 Dec 2022 22:45

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08

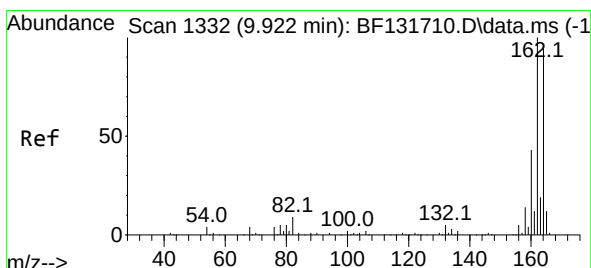
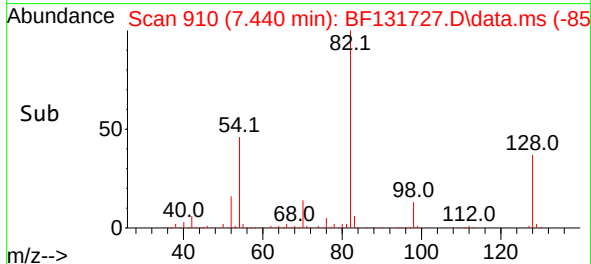
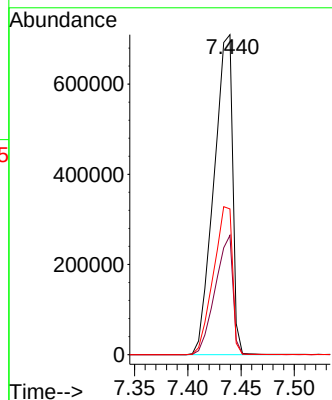
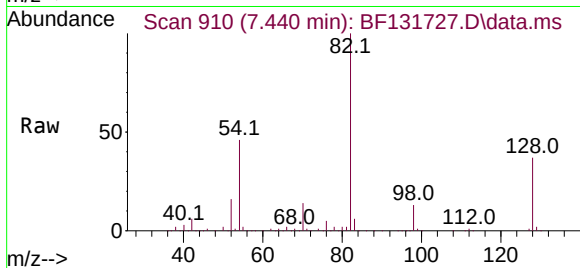
Tgt Ion: 82 Resp: 868088

Ion Ratio Lower Upper

82 100

128 37.3 27.3 40.9

54 45.5 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF131727.D

Acq: 20 Dec 2022 22:45

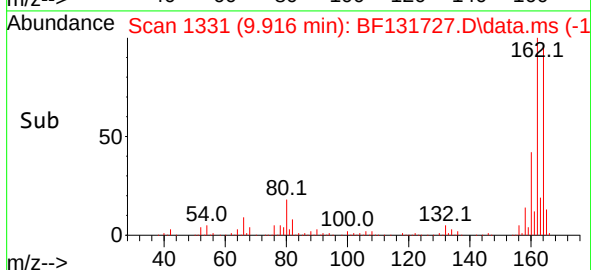
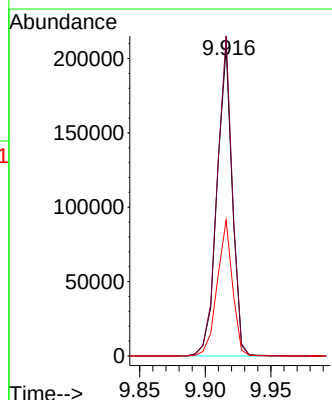
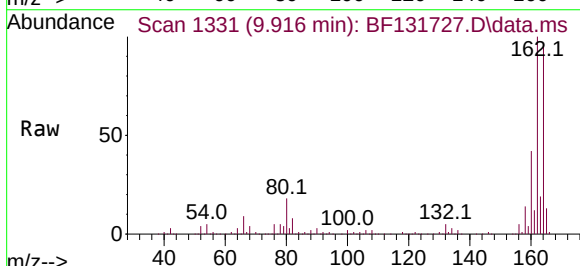
Tgt Ion:164 Resp: 168478

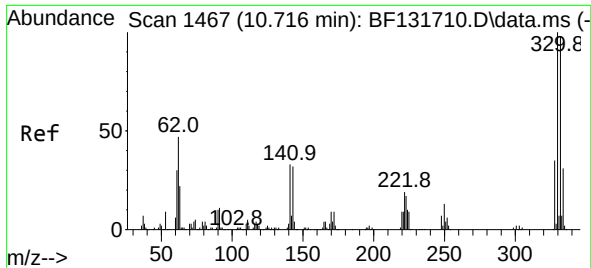
Ion Ratio Lower Upper

164 100

162 103.8 83.7 125.5

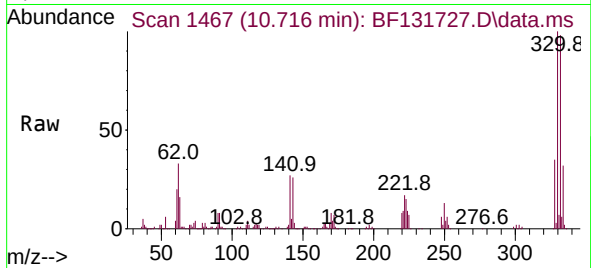
160 44.0 36.2 54.4



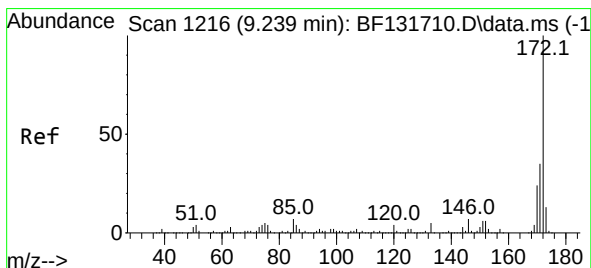
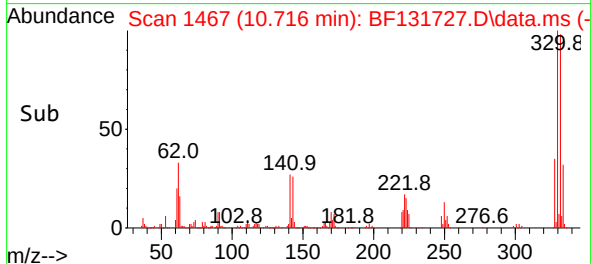
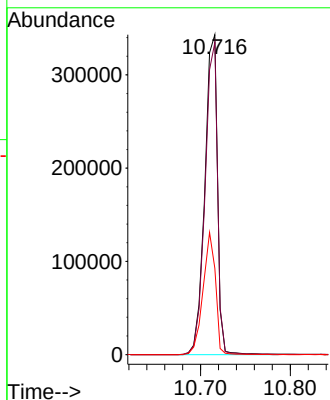


#42
2,4,6-Tribromophenol
Concen: 182.747 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131727.D
Acq: 20 Dec 2022 22:45

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08

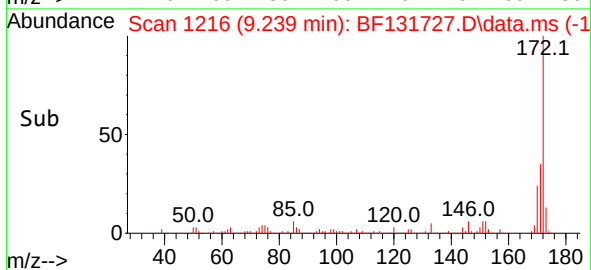
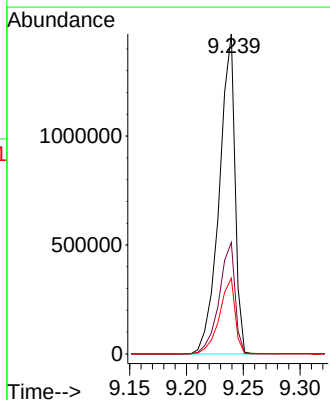
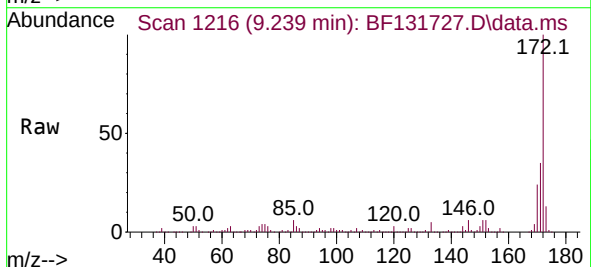


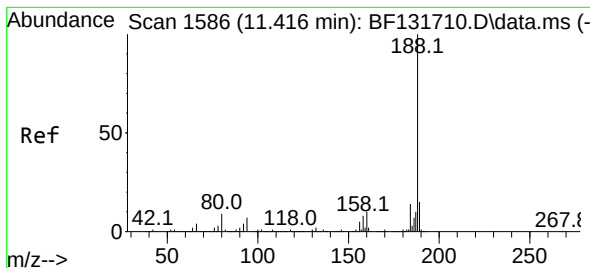
Tgt Ion: 330 Resp: 336996
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 37.4 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 117.549 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131727.D
Acq: 20 Dec 2022 22:45

Tgt Ion: 172 Resp: 1413770
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF131727.D

Acq: 20 Dec 2022 22:45

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08

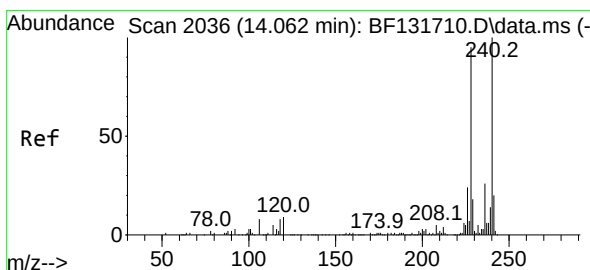
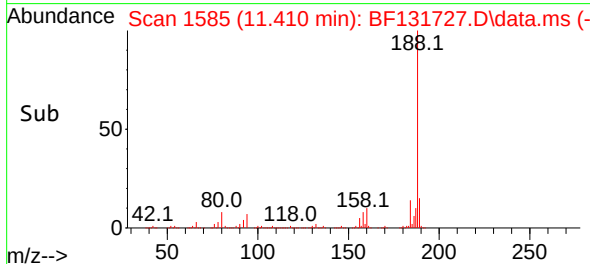
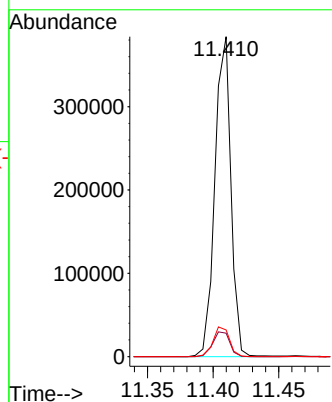
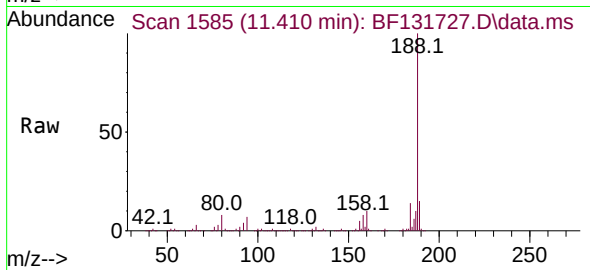
Tgt Ion:188 Resp: 327229

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

80 8.3 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131727.D

Acq: 20 Dec 2022 22:45

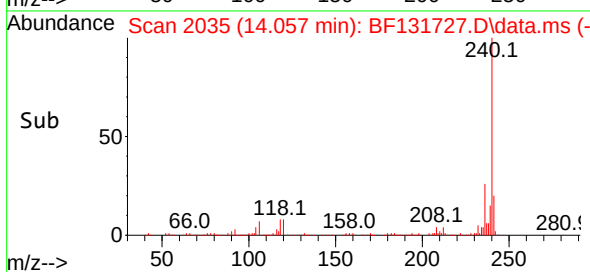
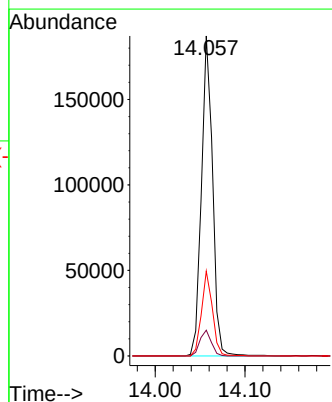
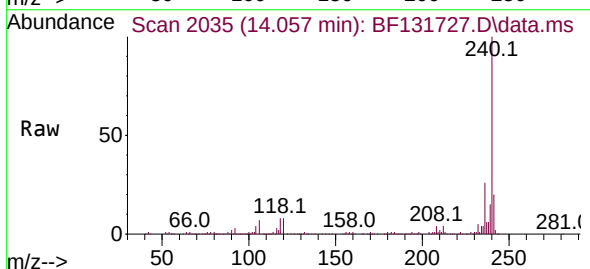
Tgt Ion:240 Resp: 161096

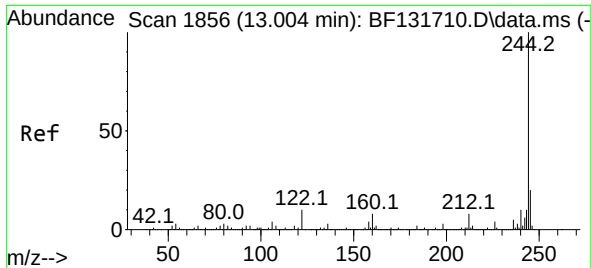
Ion Ratio Lower Upper

240 100

120 8.0 7.6 11.4

236 26.5 21.2 31.8

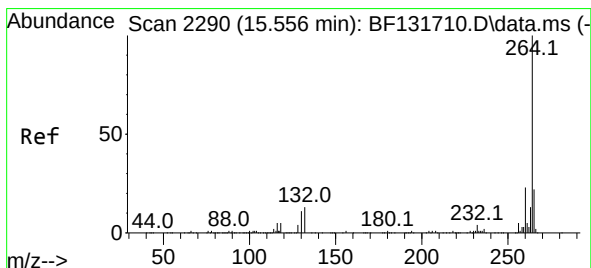
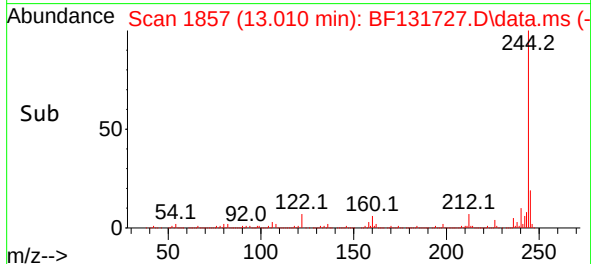
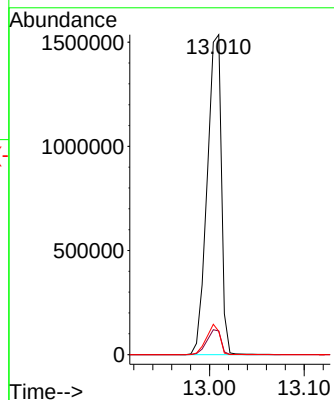
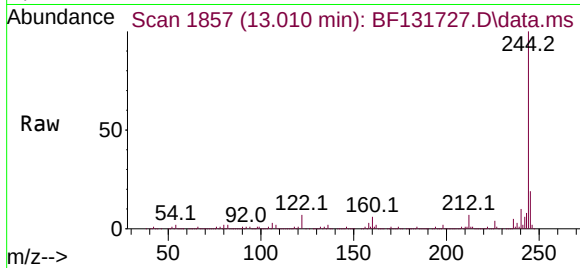




#79
 Terphenyl-d14
 Concen: 155.058 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF131727.D
 Acq: 20 Dec 2022 22:45

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08

Tgt Ion:244 Resp: 1602748
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 7.3 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF131727.D
 Acq: 20 Dec 2022 22:45

Tgt Ion:264 Resp: 156202
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.2 17.4 26.2

