

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131766.D
 Acq On : 22 Dec 2022 02:09
 Operator : CG\JU
 Sample : N6151-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-02-(0-2)

Quant Time: Dec 22 05:54:05 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	82268	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	294278	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	173272	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	352129	20.000	ng	0.00
76) Chrysene-d12	14.057	240	265831	20.000	ng	0.00
86) Perylene-d12	15.551	264	207805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	689009	141.028	ng	0.02
7) Phenol-d6	6.498	99	779089	118.477	ng	0.00
23) Nitrobenzene-d5	7.433	82	702407	96.898	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	316722	167.001	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1234364	99.793	ng	0.00
79) Terphenyl-d14	13.010	244	1692632	99.236	ng	0.00

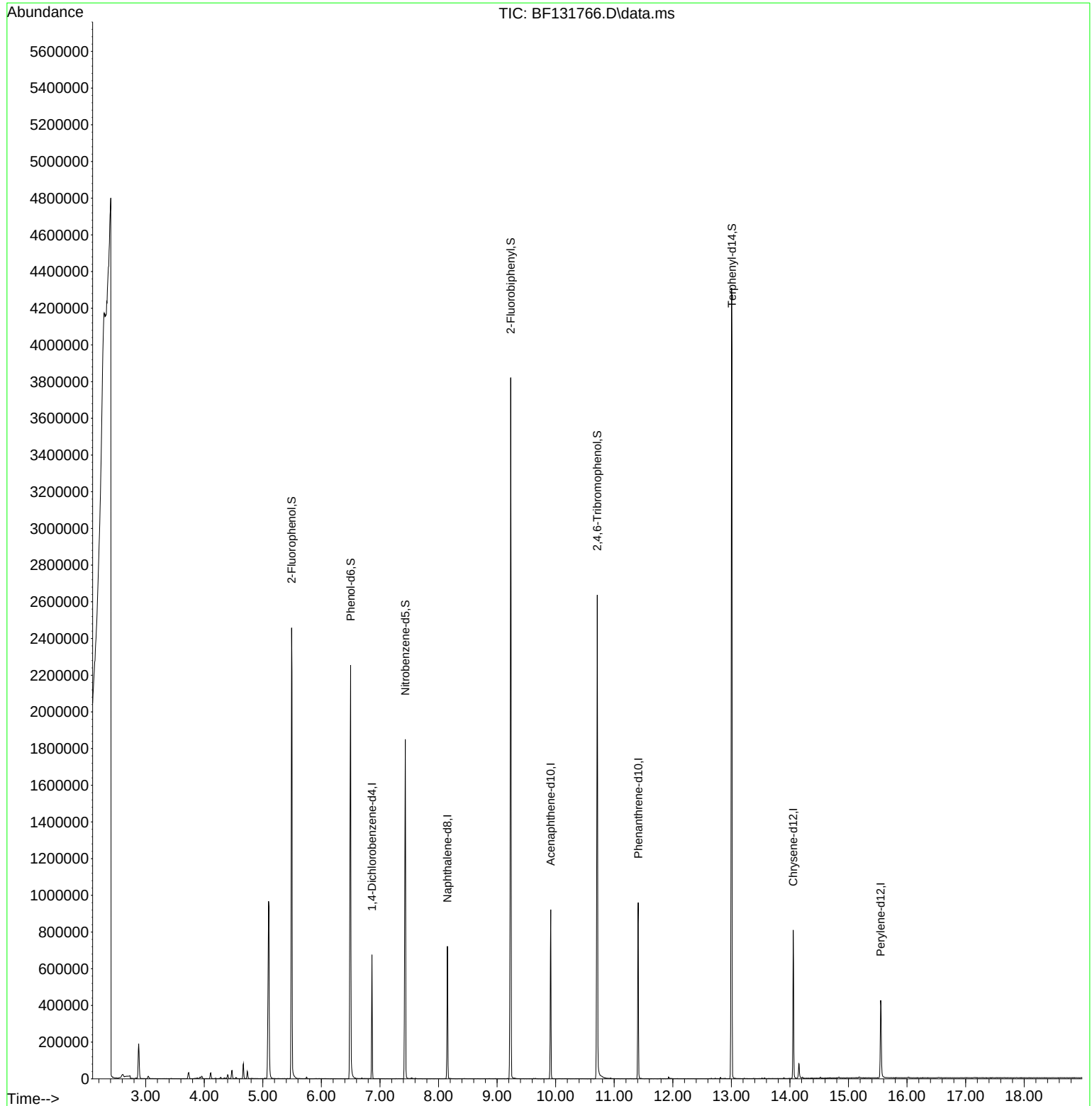
Target Compounds	Qvalue

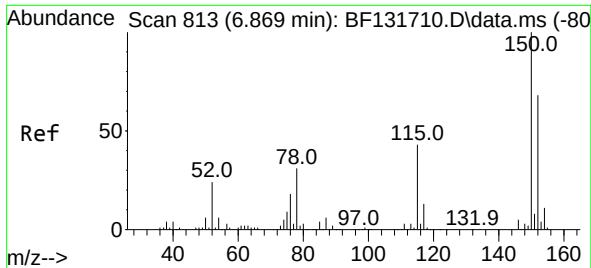
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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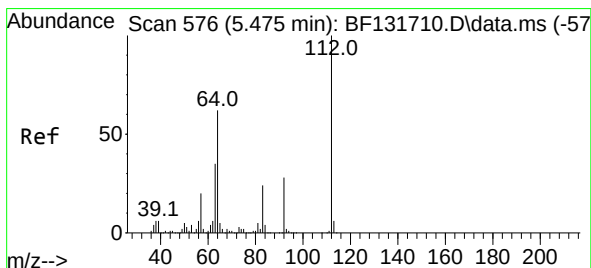
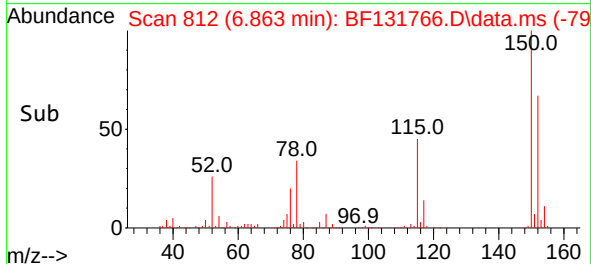
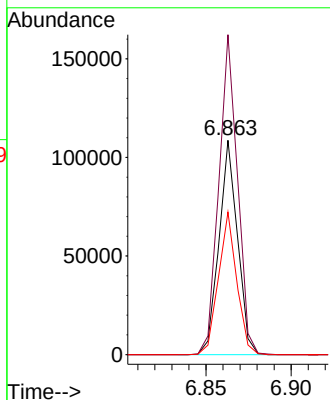
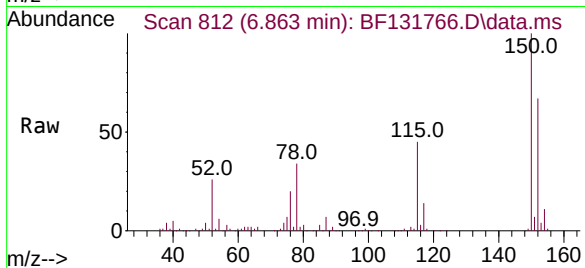




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

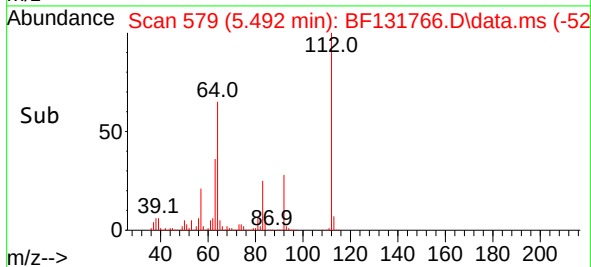
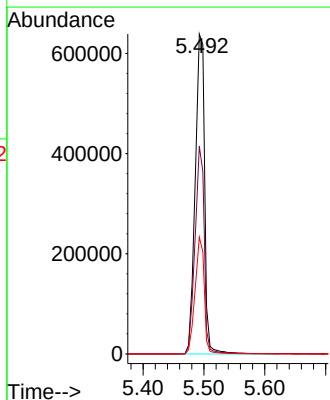
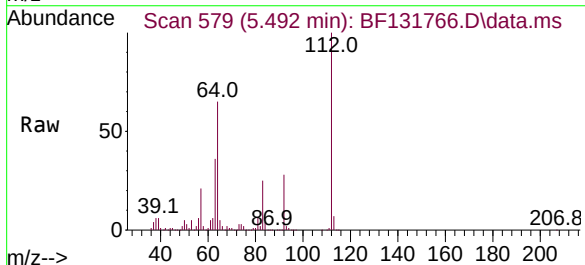
Instrument :
BNA_F
ClientSampleId :
FS-02-(0-2)

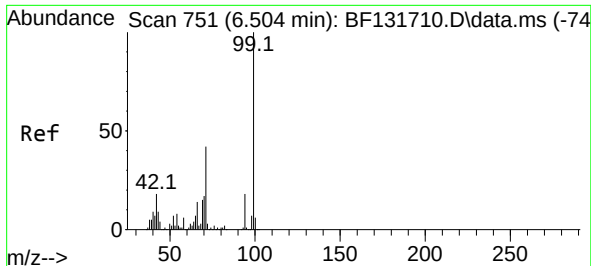
Tgt Ion:152 Resp: 82268
Ion Ratio Lower Upper
152 100
150 149.3 117.4 176.0
115 66.5 50.2 75.4



#5
2-Fluorophenol
Concen: 141.028 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Tgt Ion:112 Resp: 689009
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 36.5 28.2 42.2

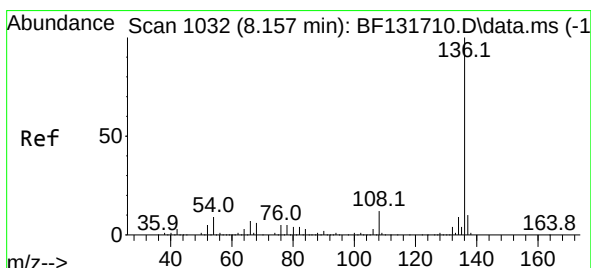
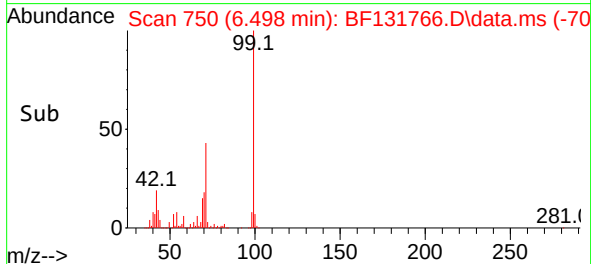
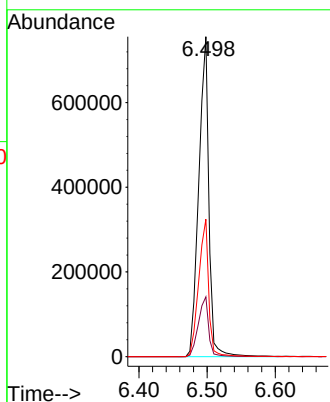
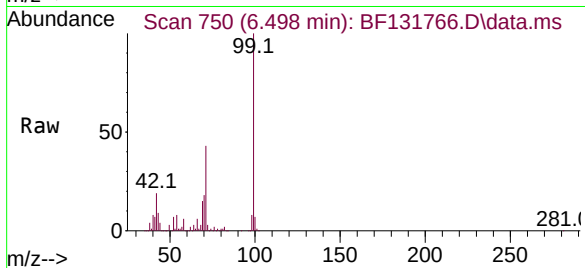




#7
Phenol-d6
Concen: 118.477 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

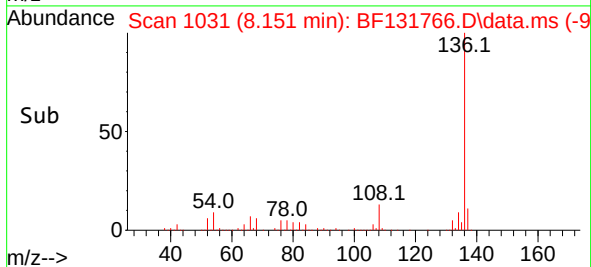
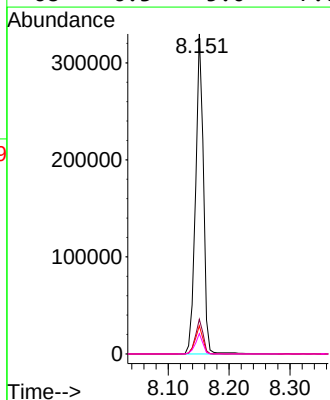
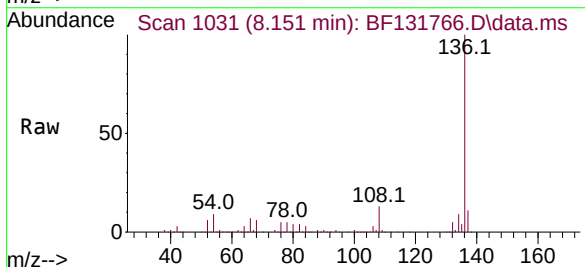
Instrument :
BNA_F
ClientSampleId :
FS-02-(0-2)

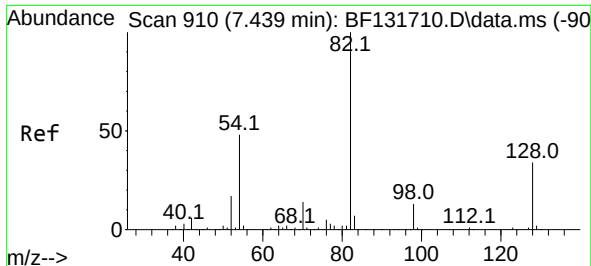
Tgt Ion: 99	Resp: 779089
Ion Ratio	Lower Upper
99 100	
42 18.7	14.8 22.2
71 42.9	33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Tgt	Ion:136	Resp:	294278
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.8	7.2	10.8
68	6.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 96.898 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

Instrument :

BNA_F

ClientSampleId :

FS-02-(0-2)

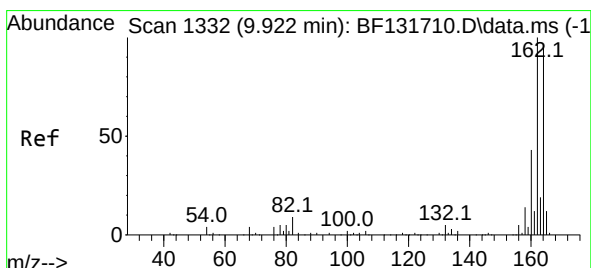
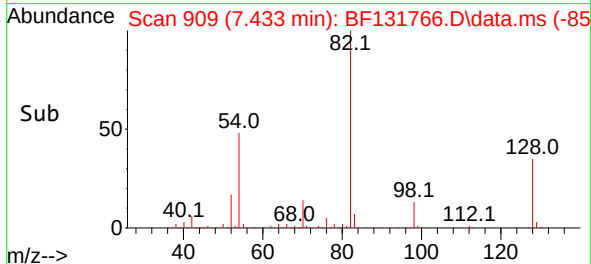
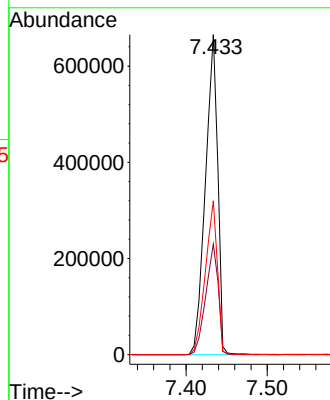
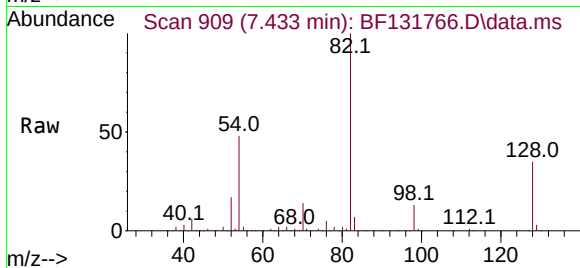
Tgt Ion: 82 Resp: 702407

Ion Ratio Lower Upper

82 100

128 34.6 27.3 40.9

54 48.1 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: BF131766.D

Acq: 22 Dec 2022 02:09

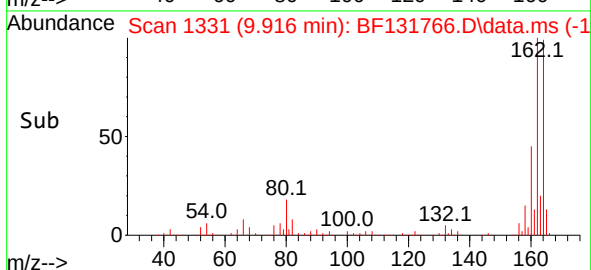
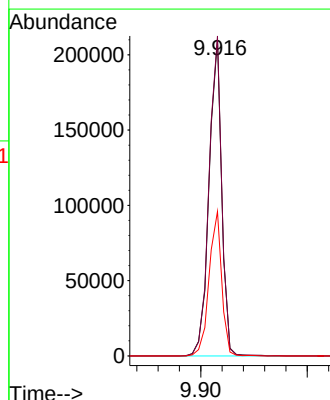
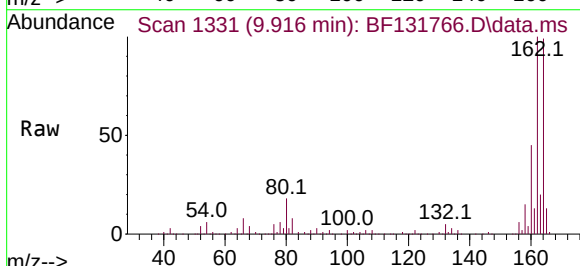
Tgt Ion:164 Resp: 173272

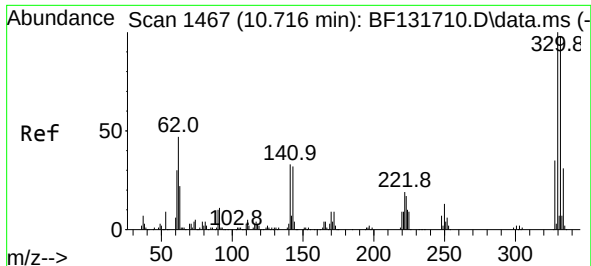
Ion Ratio Lower Upper

164 100

162 101.0 83.7 125.5

160 45.6 36.2 54.4

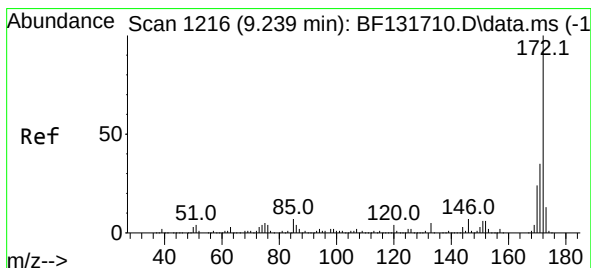
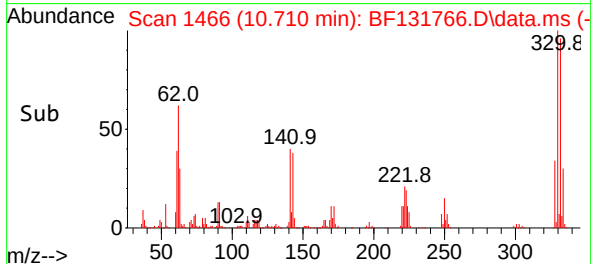
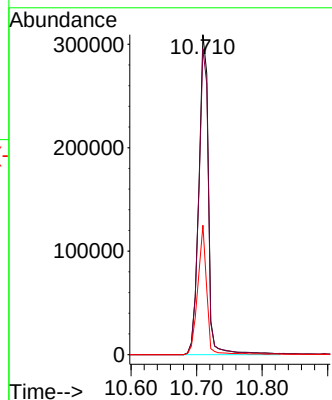
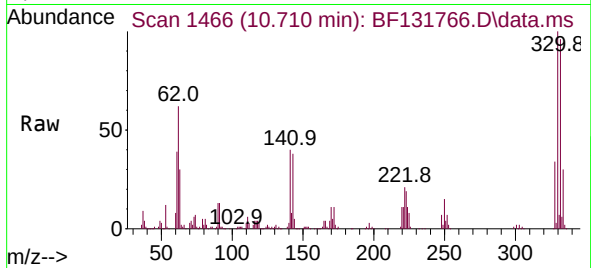




#42
2,4,6-Tribromophenol
Concen: 167.001 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

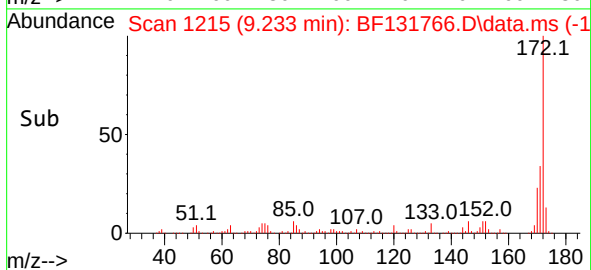
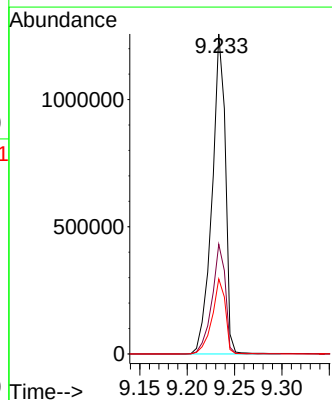
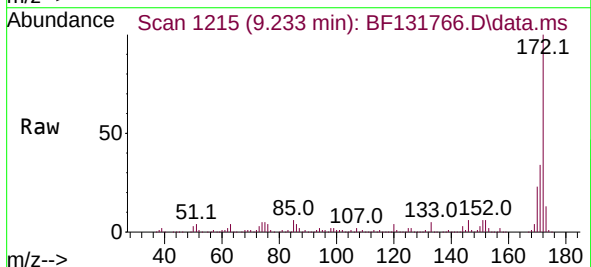
Instrument :
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FS-02-(0-2)

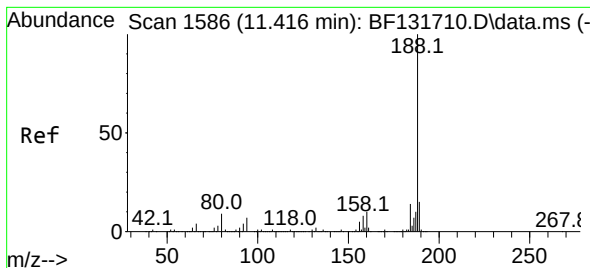
Tgt Ion: 330 Resp: 316722
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 37.5 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 99.793 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Tgt Ion: 172 Resp: 1234364
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

Instrument :

BNA_F

ClientSampleId :

FS-02-(0-2)

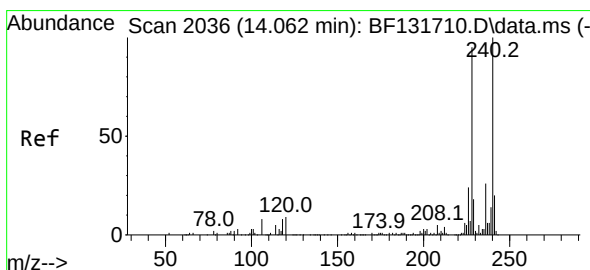
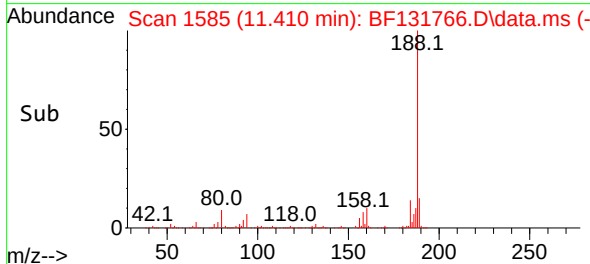
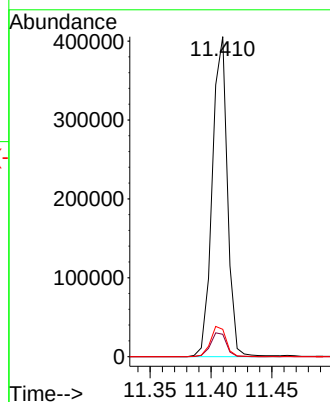
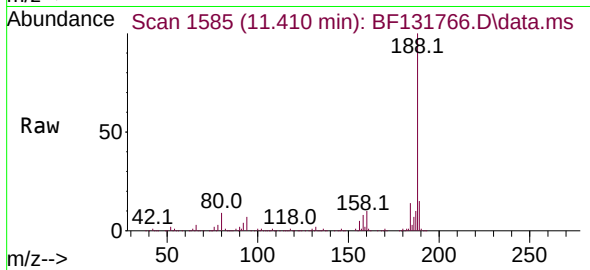
Tgt Ion:188 Resp: 352129

Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.5 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: BF131766.D

Acq: 22 Dec 2022 02:09

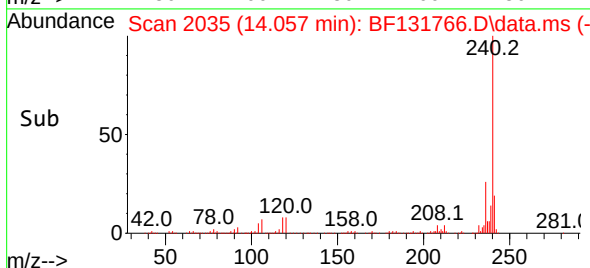
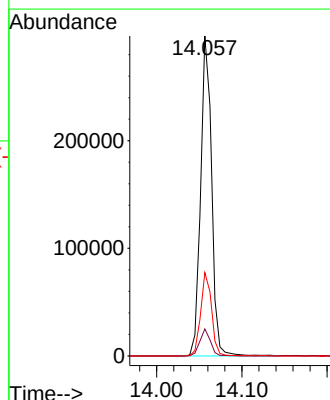
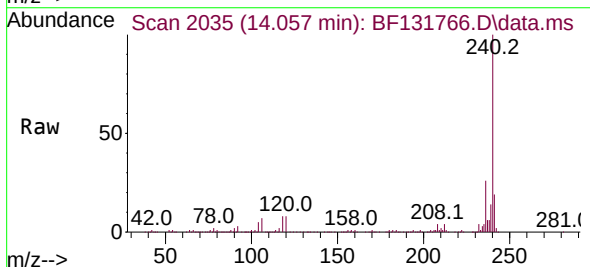
Tgt Ion:240 Resp: 265831

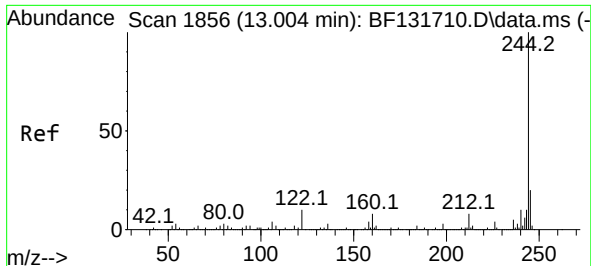
Ion Ratio Lower Upper

240 100

120 8.4 7.6 11.4

236 26.0 21.2 31.8

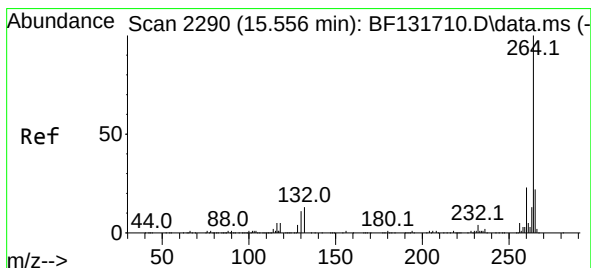
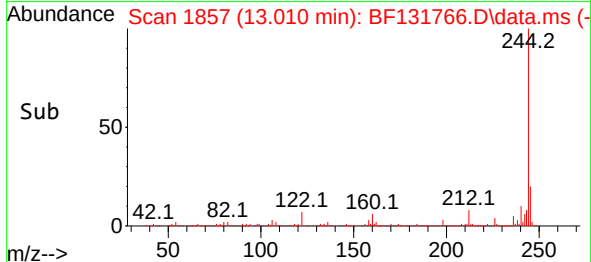
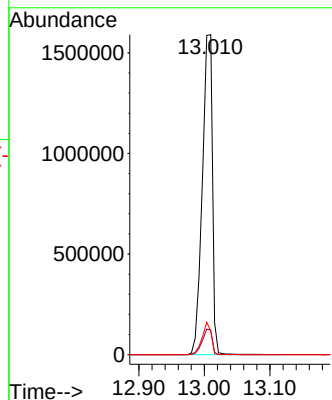
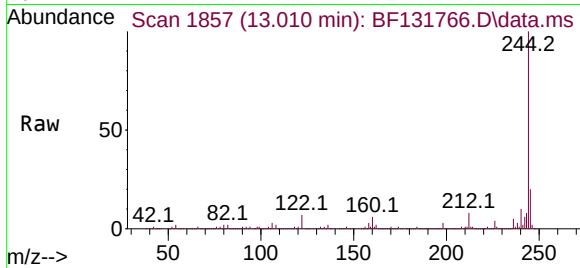




#79
 Terphenyl-d14
 Concen: 99.236 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF131766.D
 Acq: 22 Dec 2022 02:09

Instrument :
 BNA_F
 ClientSampleId :
 FS-02-(0-2)

Tgt Ion:244 Resp: 1692632
 Ion Ratio Lower Upper
 244 100
 212 7.6 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: BF131766.D
 Acq: 22 Dec 2022 02:09

Tgt Ion:264 Resp: 207805
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.3 17.4 26.2

