

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131745.D
 Acq On : 21 Dec 2022 14:29
 Operator : CG\JU
 Sample : N6107-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-18-19-20-21-23RE

Quant Time: Dec 22 05:20:16 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	85123	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	315716	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	183606	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	351926	20.000	ng	0.00
76) Chrysene-d12	14.057	240	195627	20.000	ng	0.00
86) Perylene-d12	15.551	264	175333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	186197	36.833	ng	0.00
7) Phenol-d6	6.487	99	235108	34.554	ng	-0.02
23) Nitrobenzene-d5	7.428	82	181589	23.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	74814	37.228	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	333935	25.478	ng	0.00
79) Terphenyl-d14	12.998	244	368142	29.329	ng	0.00

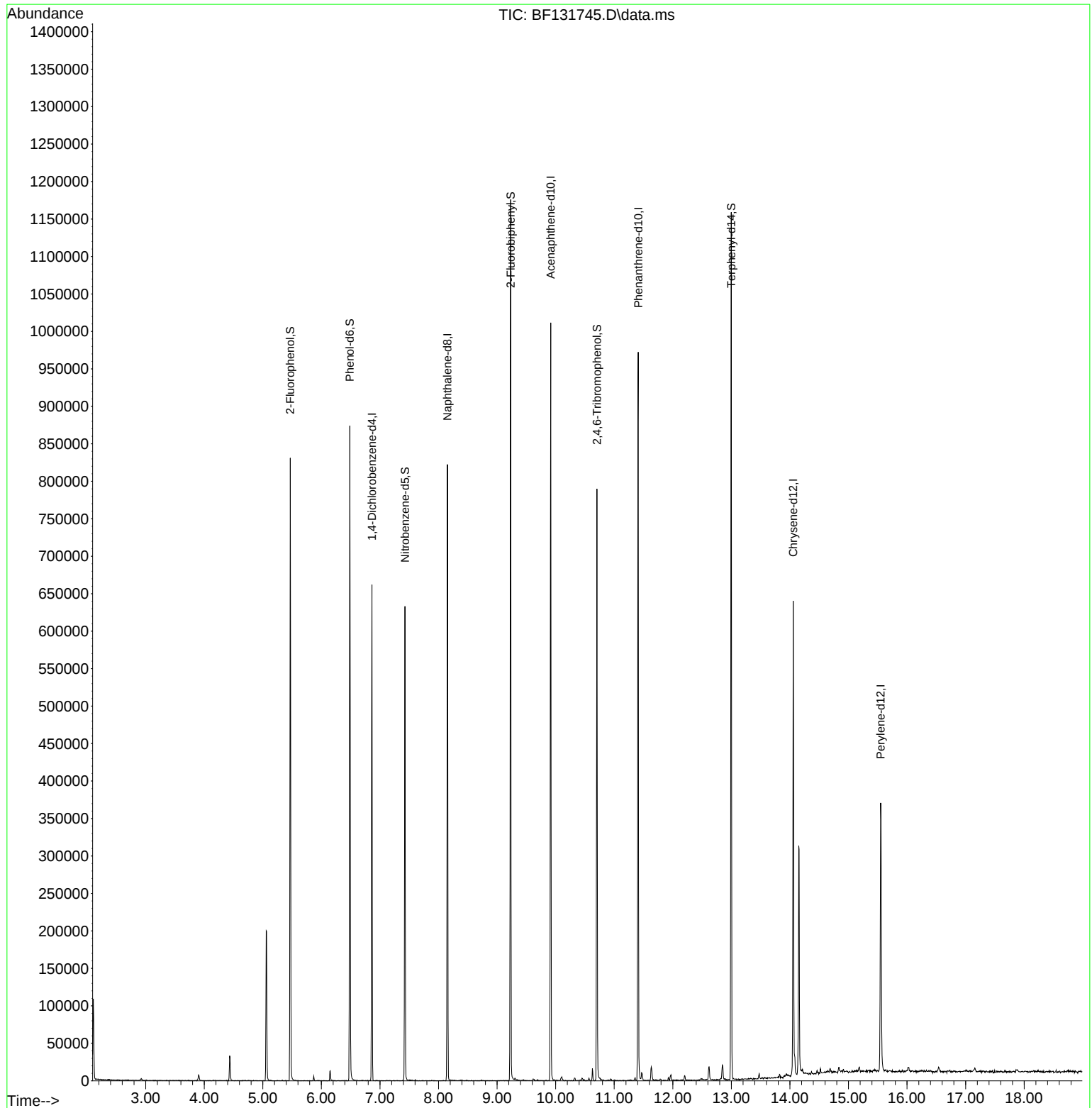
Target Compounds	Qvalue

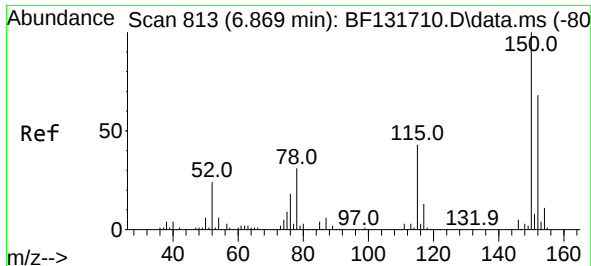
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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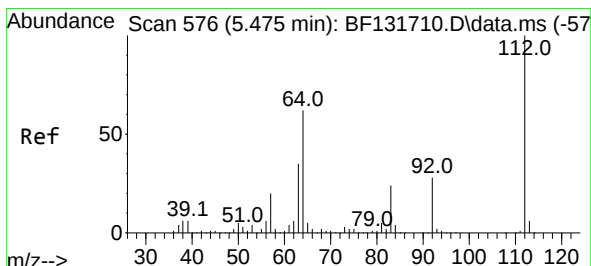
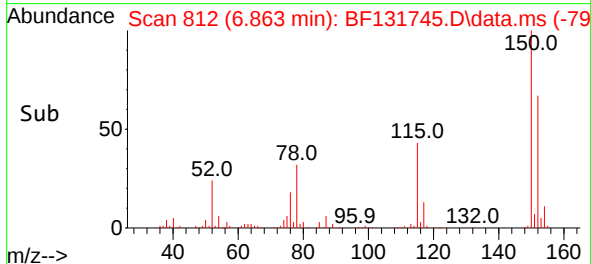
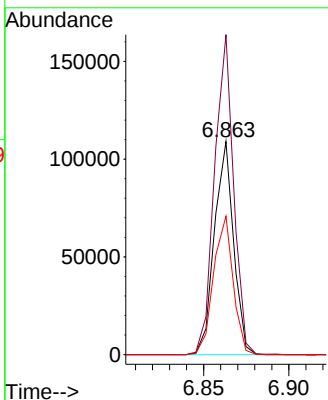
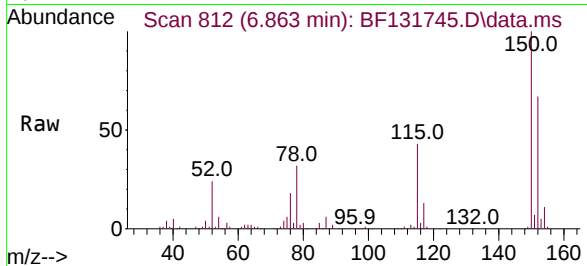




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131745.D
Acq: 21 Dec 2022 14:29

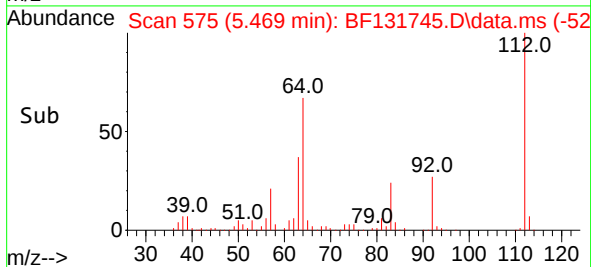
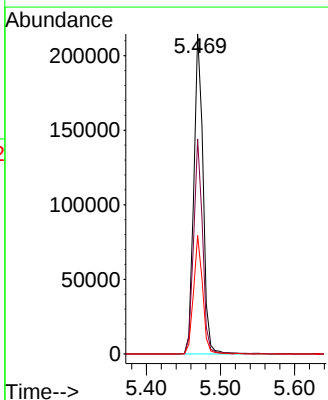
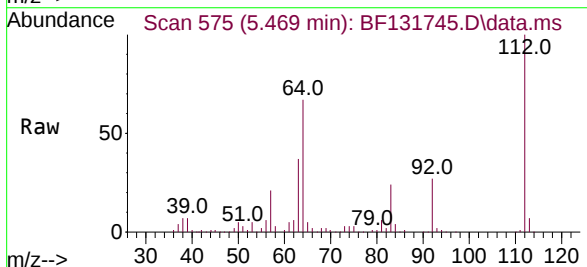
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-18-19-20-21-23RE

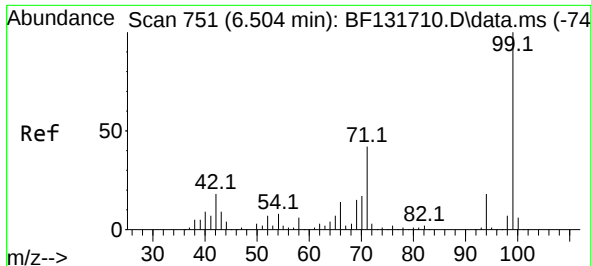
Tgt Ion:152 Resp: 85123
Ion Ratio Lower Upper
152 100
150 150.2 117.4 176.0
115 65.0 50.2 75.4



#5
2-Fluorophenol
Concen: 36.833 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF131745.D
Acq: 21 Dec 2022 14:29

Tgt Ion:112 Resp: 186197
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 37.0 28.2 42.2

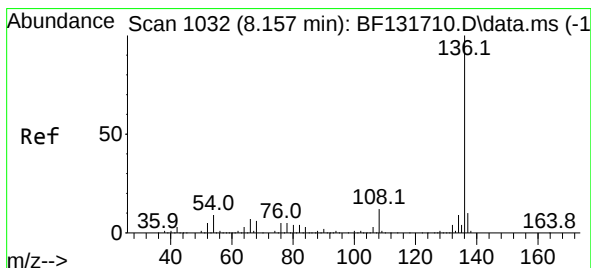
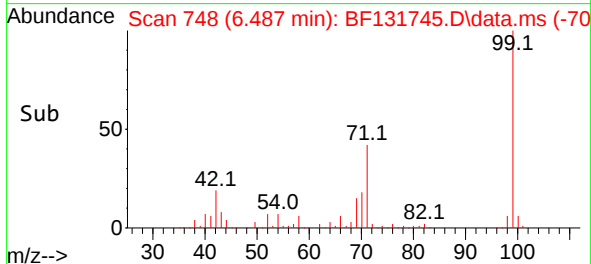
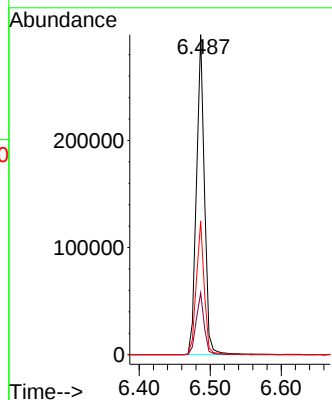
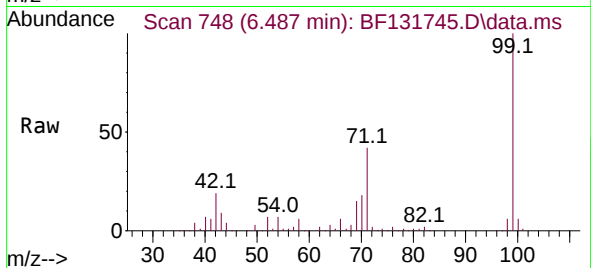




#7
Phenol-d6
Concen: 34.554 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF131745.D
Acq: 21 Dec 2022 14:29

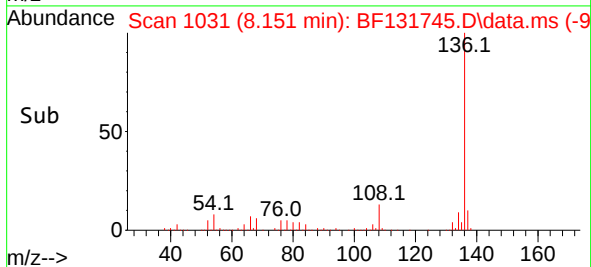
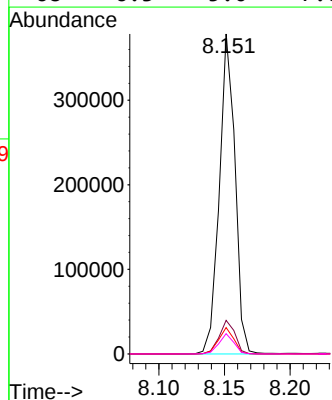
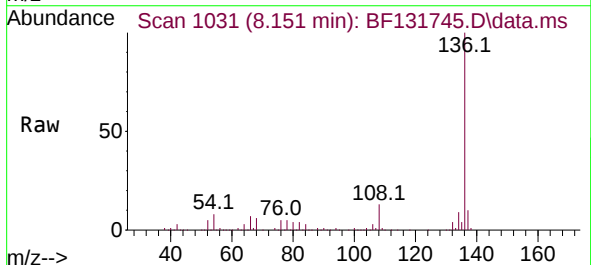
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-18-19-20-21-23RE

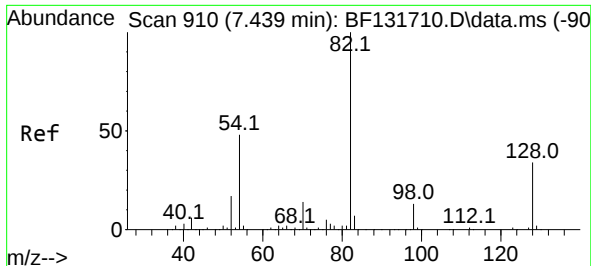
Tgt Ion: 99 Resp: 235108
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 41.7 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131745.D
Acq: 21 Dec 2022 14:29

Tgt Ion: 136 Resp: 315716
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.3 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 23.350 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF131745.D

Acq: 21 Dec 2022 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-18-19-20-21-23RE

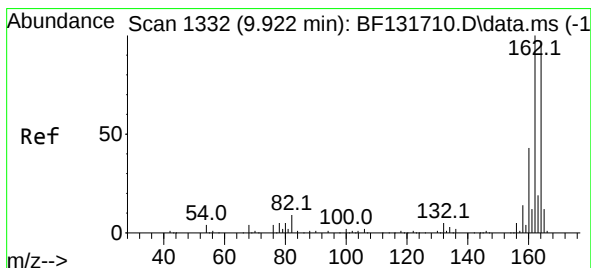
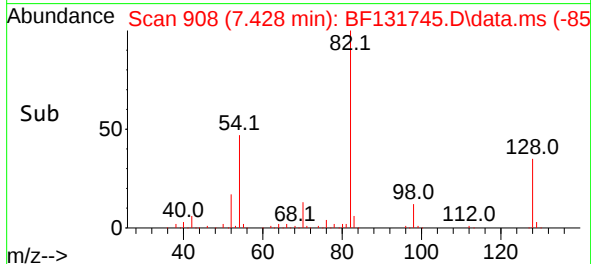
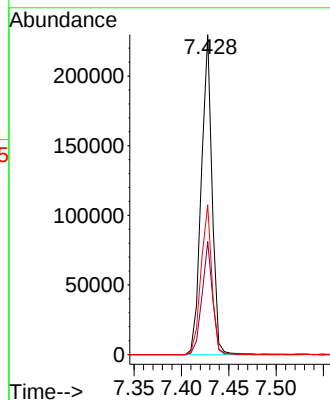
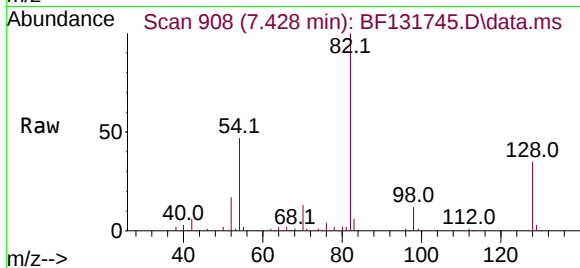
Tgt Ion: 82 Resp: 181589

Ion Ratio Lower Upper

82 100

128 35.3 27.3 40.9

54 46.9 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: BF131745.D

Acq: 21 Dec 2022 14:29

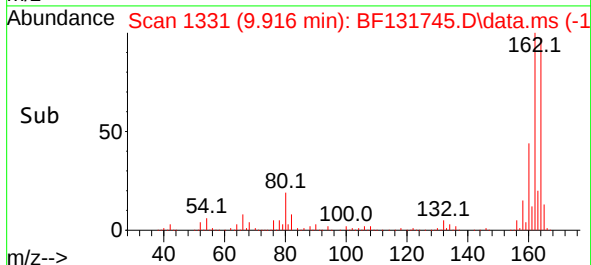
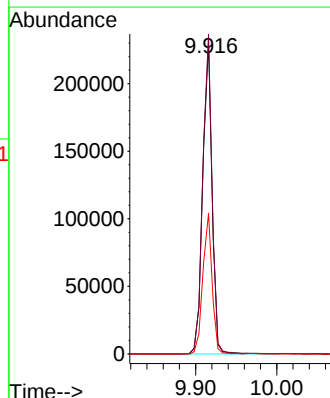
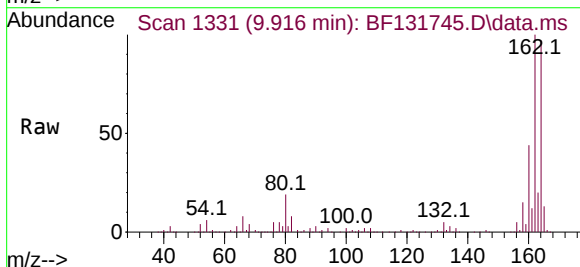
Tgt Ion:164 Resp: 183606

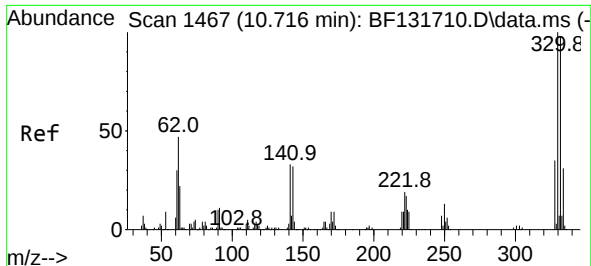
Ion Ratio Lower Upper

164 100

162 103.0 83.7 125.5

160 45.3 36.2 54.4

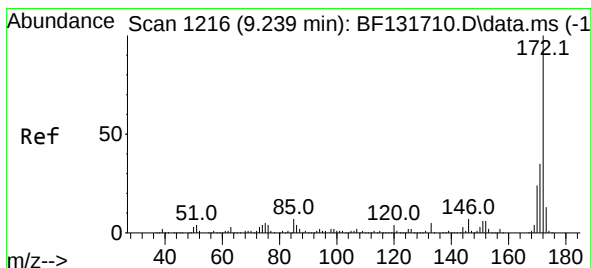
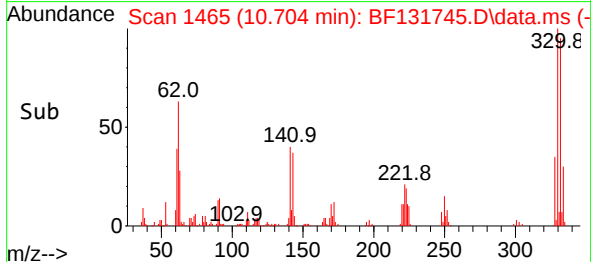
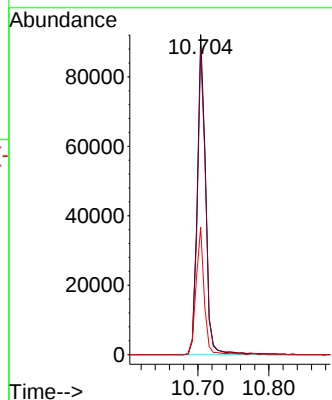
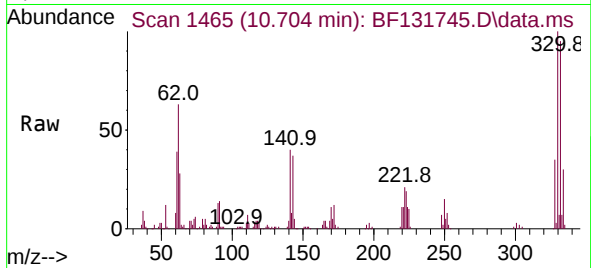




#42
2,4,6-Tribromophenol
Concen: 37.228 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF131745.D
Acq: 21 Dec 2022 14:29

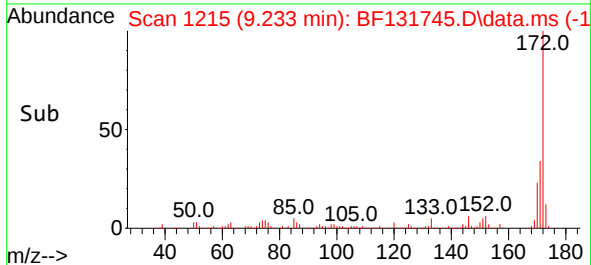
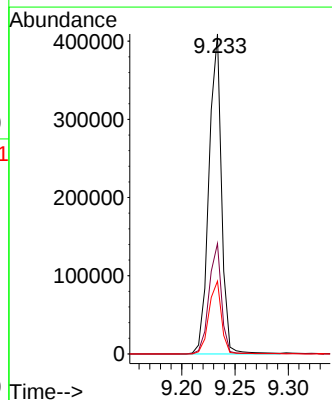
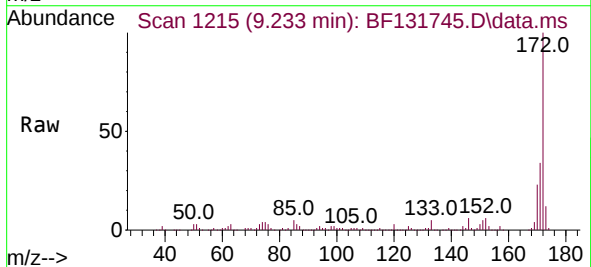
Instrument : BNA_F
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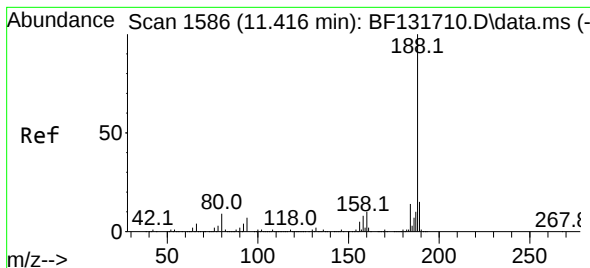
Tgt Ion: 330 Resp: 74814
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 38.8 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 25.478 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131745.D
Acq: 21 Dec 2022 14:29

Tgt Ion: 172 Resp: 333935
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 22.7 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: BF131745.D

Acq: 21 Dec 2022 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-18-19-20-21-23RE

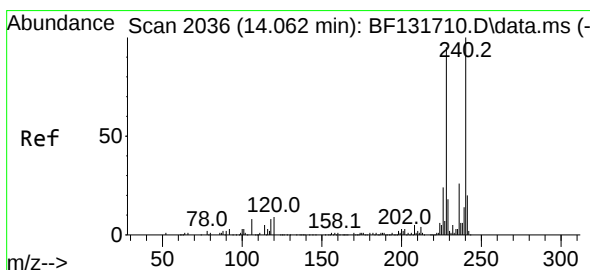
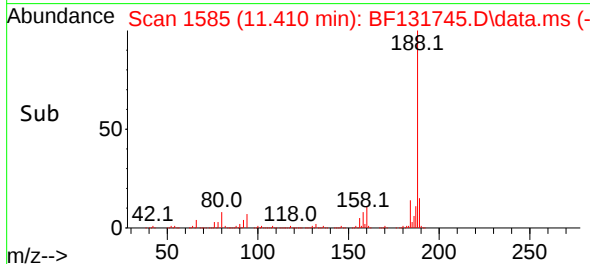
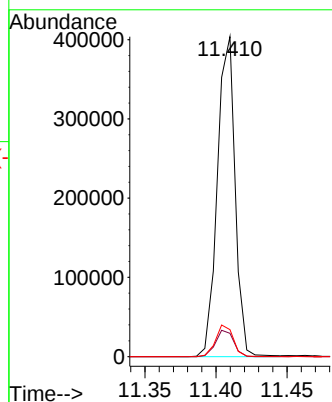
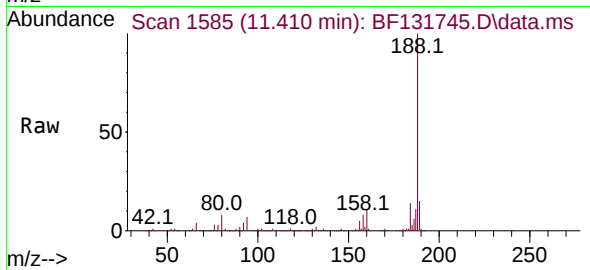
Tgt Ion:188 Resp: 351926

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

80 8.4 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: BF131745.D

Acq: 21 Dec 2022 14:29

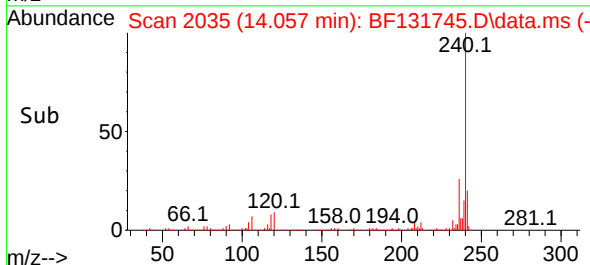
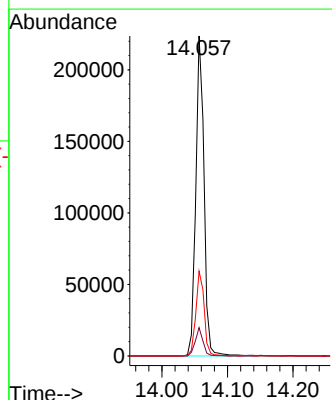
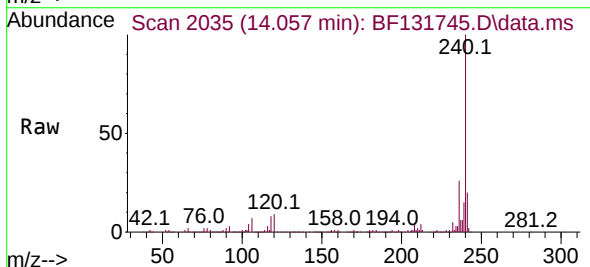
Tgt Ion:240 Resp: 195627

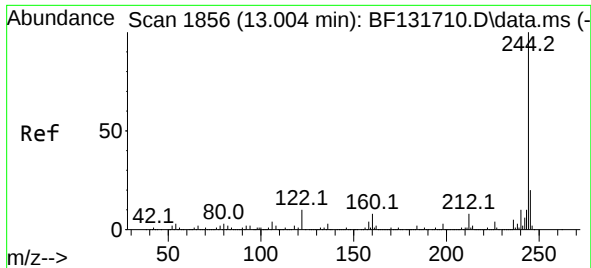
Ion Ratio Lower Upper

240 100

120 8.8 7.6 11.4

236 26.5 21.2 31.8

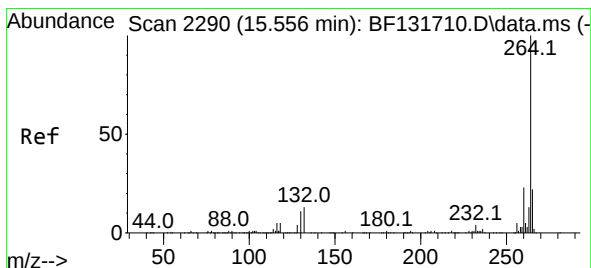
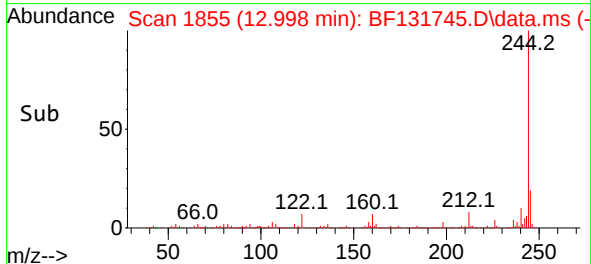
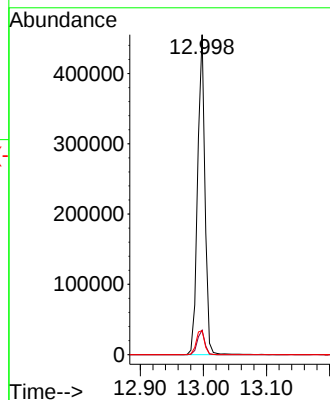
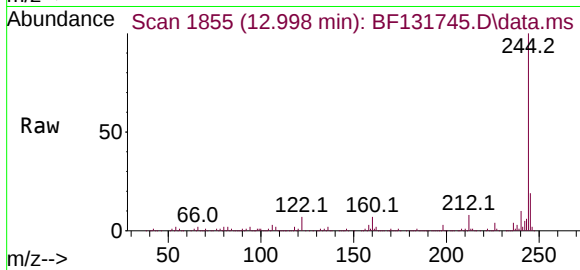




#79
 Terphenyl-d14
 Concen: 29.329 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF131745.D
 Acq: 21 Dec 2022 14:29

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Tgt Ion:244 Resp: 368142
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.5 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: BF131745.D
 Acq: 21 Dec 2022 14:29

Tgt Ion:264 Resp: 175333
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.6 17.4 26.2

