

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131719.D
 Acq On : 20 Dec 2022 18:30
 Operator : CG\JU
 Sample : N6071-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP4-COMP-04

Quant Time: Dec 21 04:46:34 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	80858	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	292714	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	172629	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	340072	20.000	ng	0.00
76) Chrysene-d12	14.057	240	164809	20.000	ng	0.00
86) Perylene-d12	15.551	264	156211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	609408	126.911	ng	0.02
7) Phenol-d6	6.498	99	707470	109.462	ng	0.00
23) Nitrobenzene-d5	7.434	82	610740	84.703	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	269983	142.887	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1055850	85.679	ng	0.00
79) Terphenyl-d14	13.004	244	1091872	103.253	ng	0.00

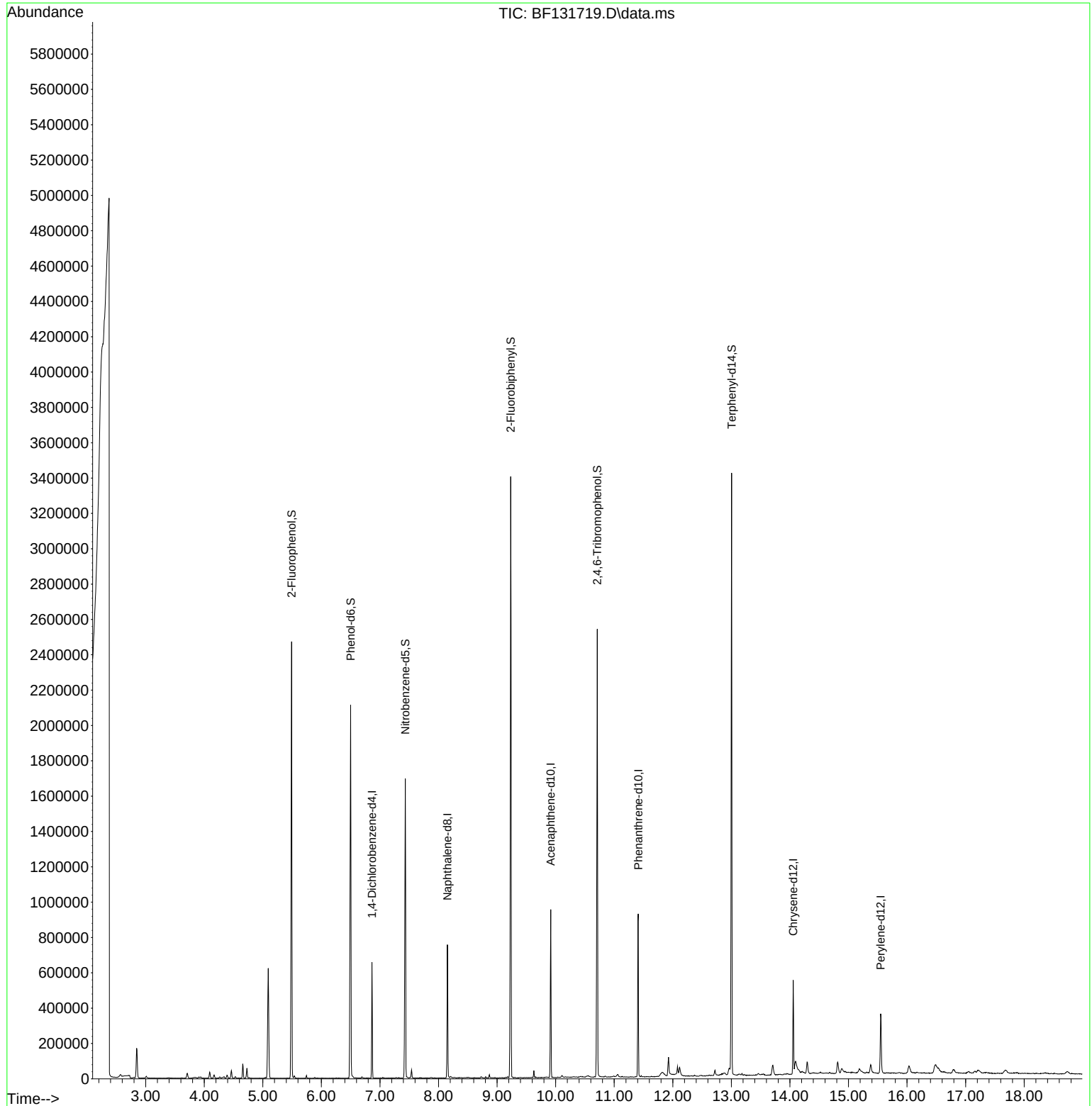
Target Compounds Qvalue

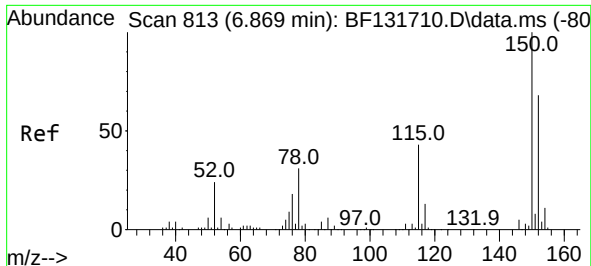
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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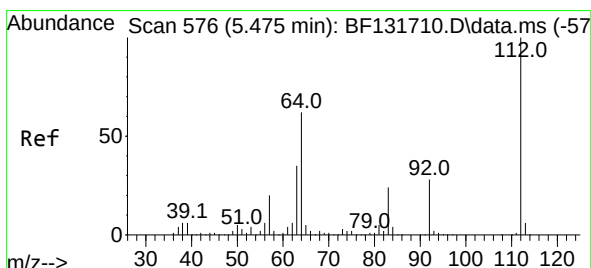
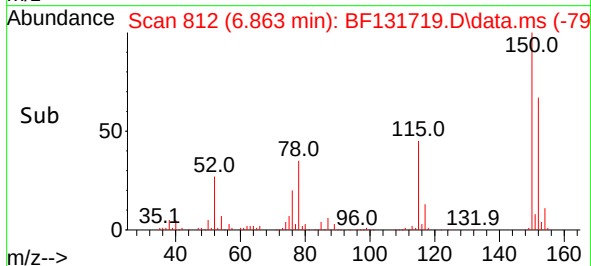
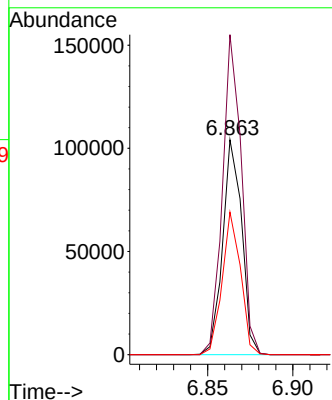
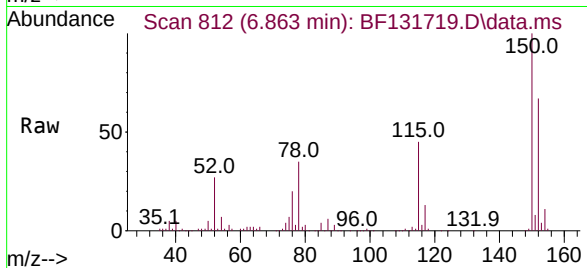




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

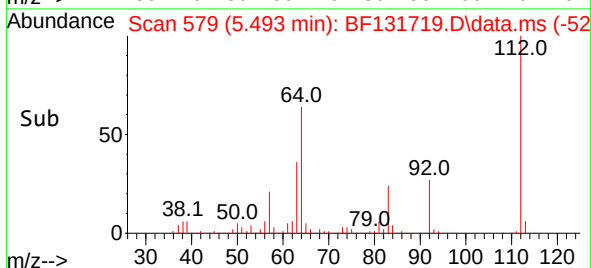
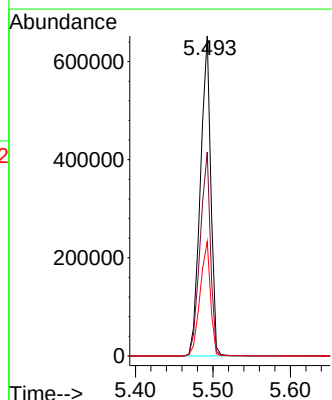
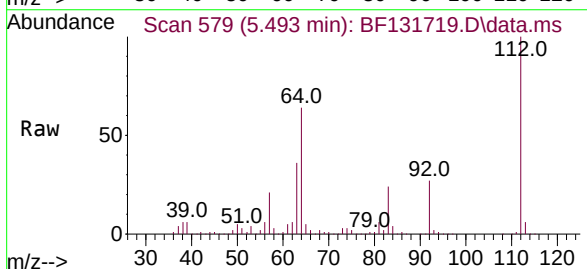
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP4-COMP-04

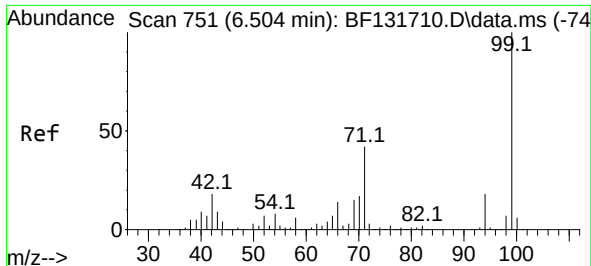
Tgt Ion:152 Resp: 80858
Ion Ratio Lower Upper
152 100
150 149.0 117.4 176.0
115 66.3 50.2 75.4



#5
2-Fluorophenol
Concen: 126.911 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion:112 Resp: 609408
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 35.7 28.2 42.2

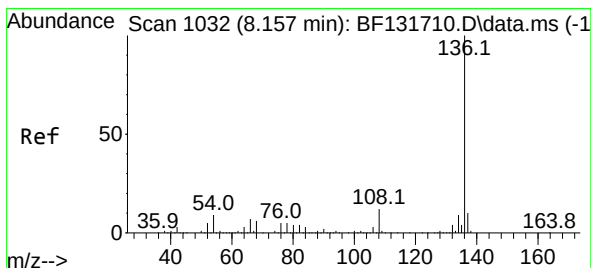
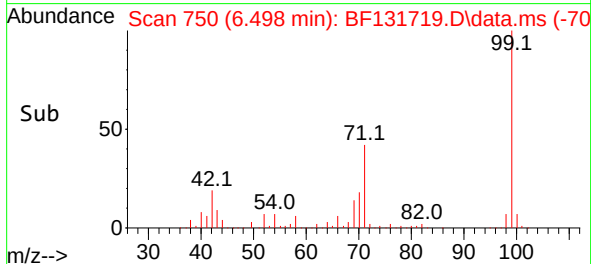
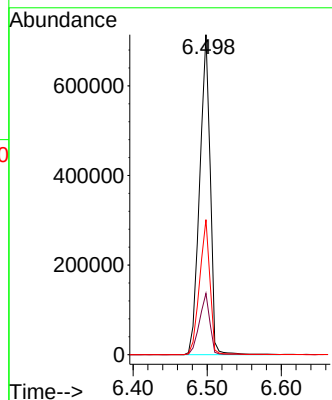
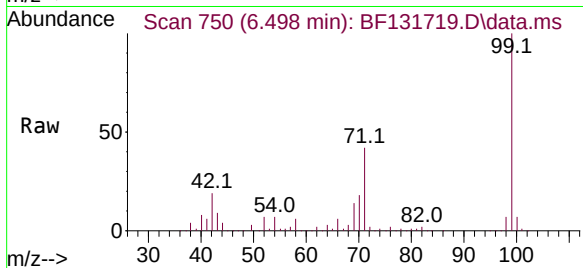




#7
Phenol-d6
Concen: 109.462 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

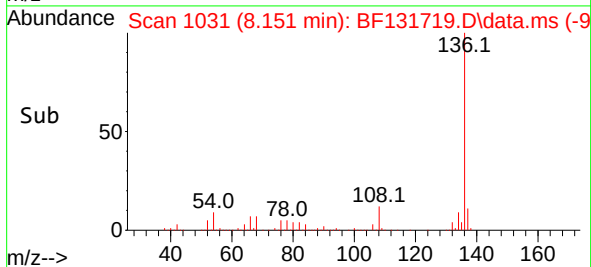
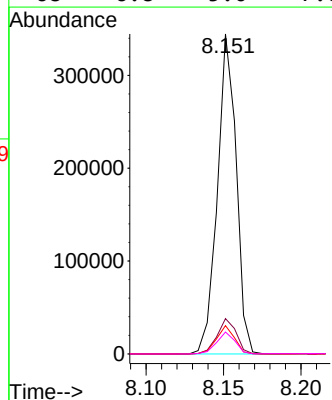
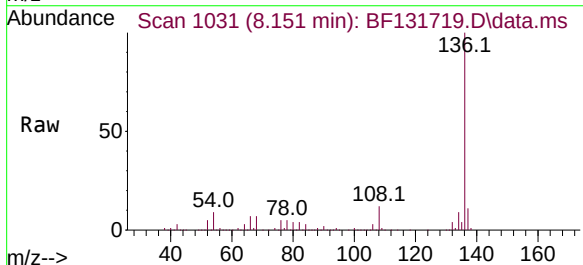
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP4-COMP-04

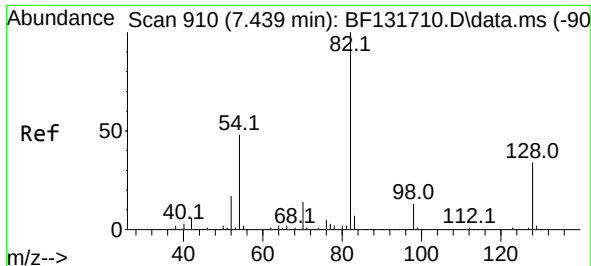
Tgt Ion: 99 Resp: 707470
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 42.2 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion: 136 Resp: 292714
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.8 7.2 10.8
68 6.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 84.703 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131719.D

Acq: 20 Dec 2022 18:30

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP4-COMP-04

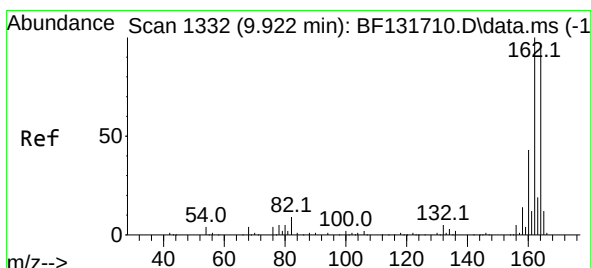
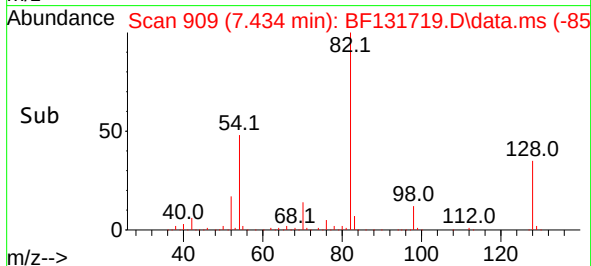
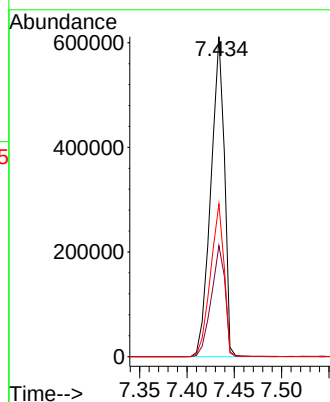
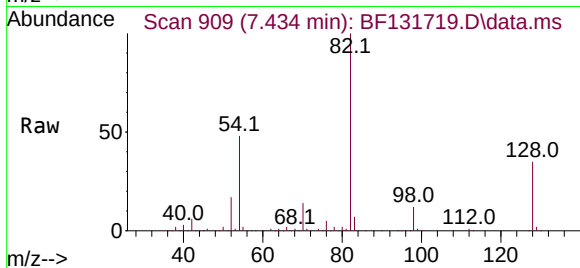
Tgt Ion: 82 Resp: 610740

Ion Ratio Lower Upper

82 100

128 34.7 27.3 40.9

54 47.7 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: BF131719.D

Acq: 20 Dec 2022 18:30

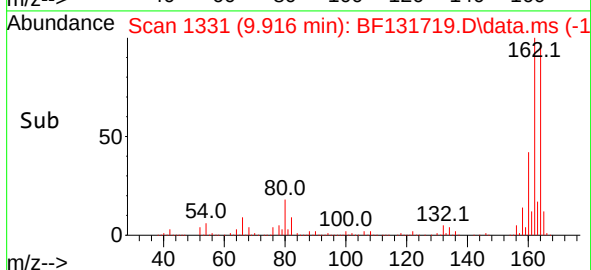
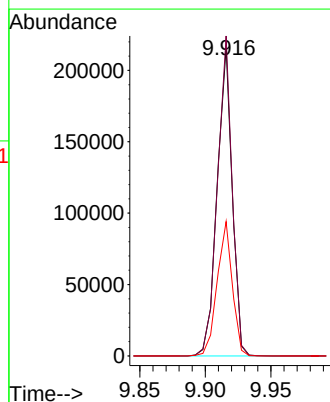
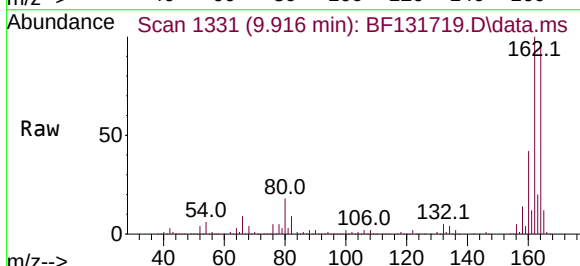
Tgt Ion:164 Resp: 172629

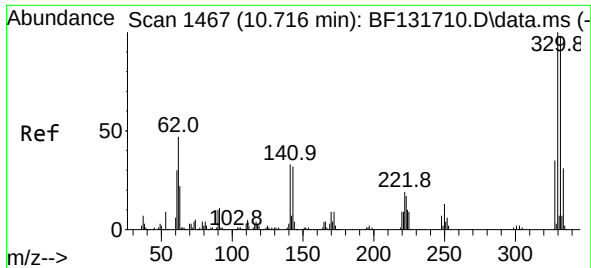
Ion Ratio Lower Upper

164 100

162 103.8 83.7 125.5

160 43.6 36.2 54.4

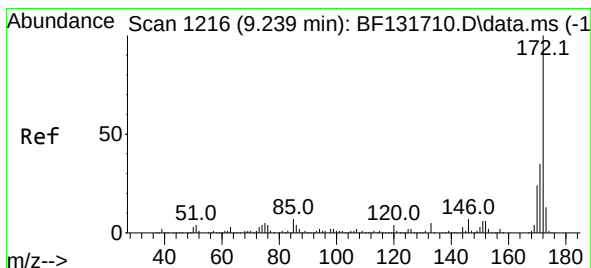
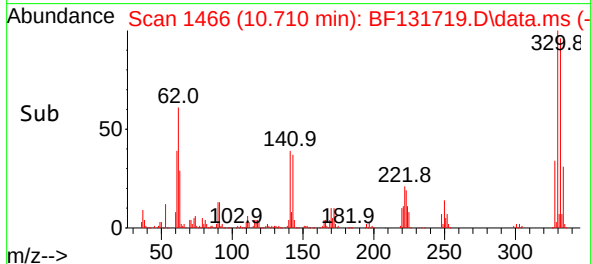
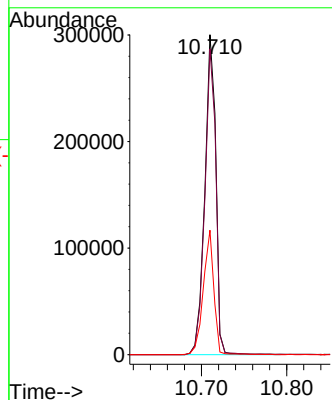
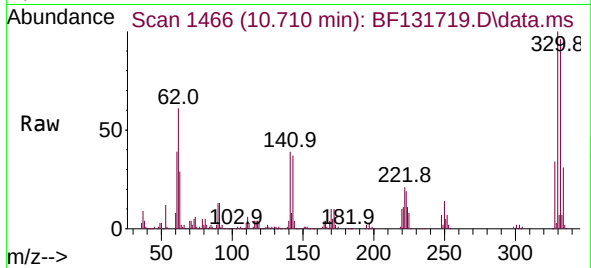




#42
2,4,6-Tribromophenol
Concen: 142.887 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

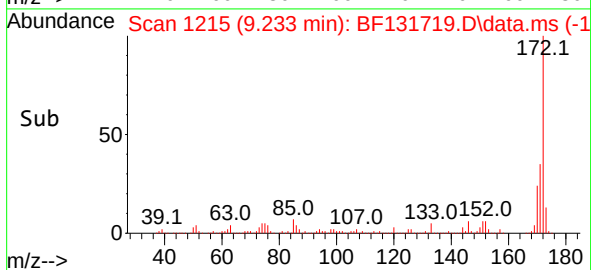
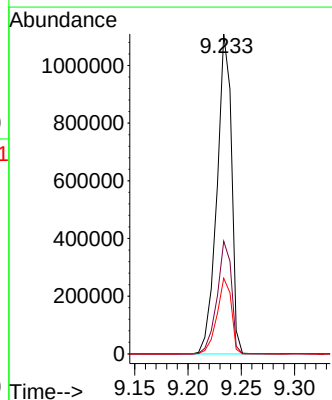
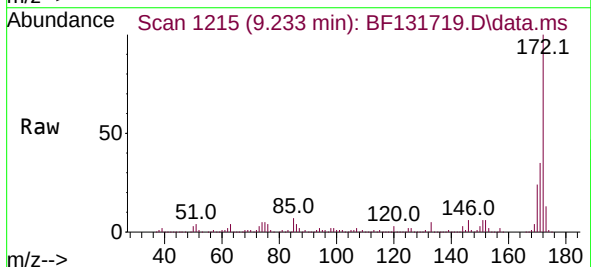
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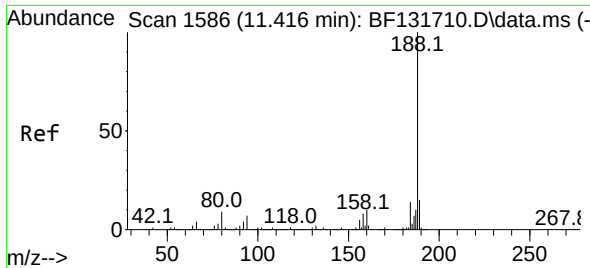
Tgt Ion: 330 Resp: 269983
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 37.2 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 85.679 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion: 172 Resp: 1055850
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 19.0 28.4

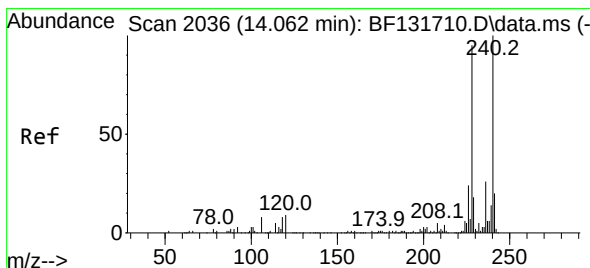
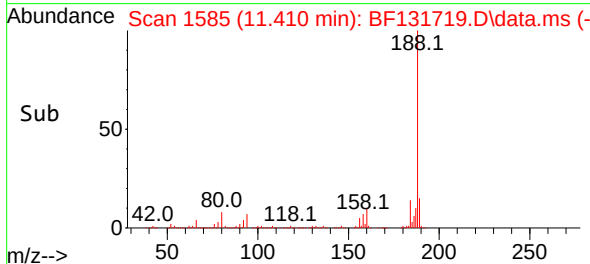
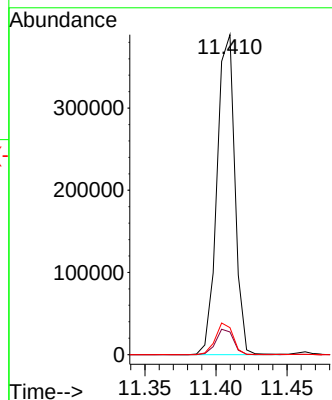
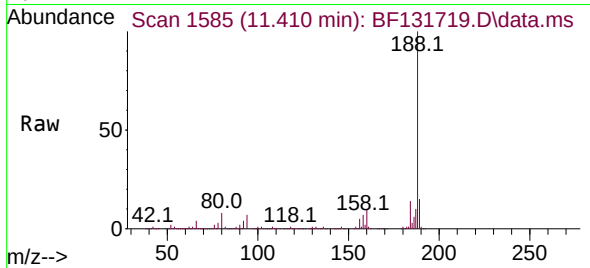




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

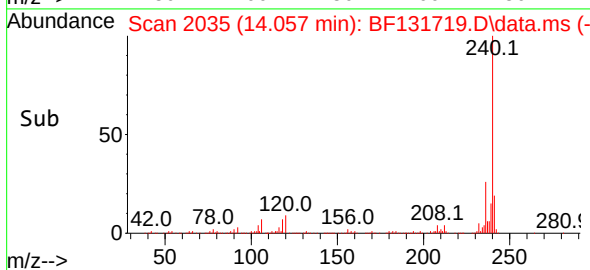
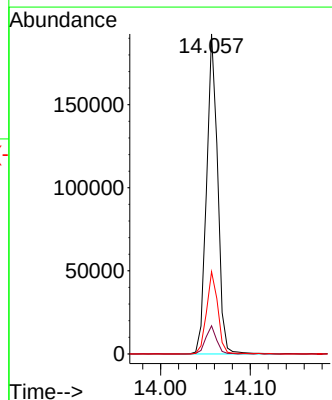
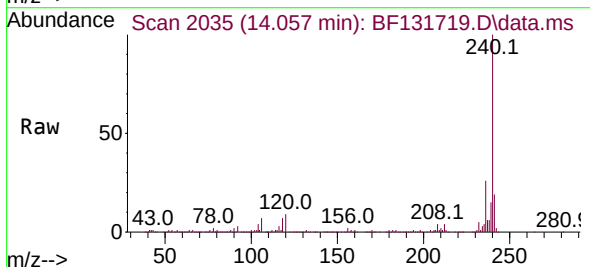
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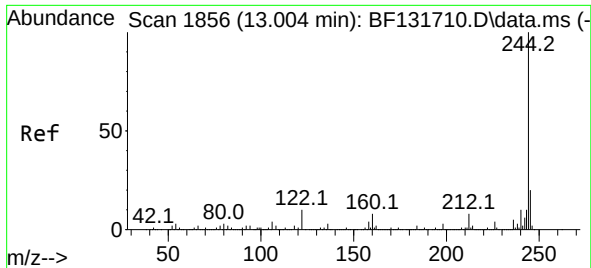
Tgt Ion:188 Resp: 340072
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 8.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

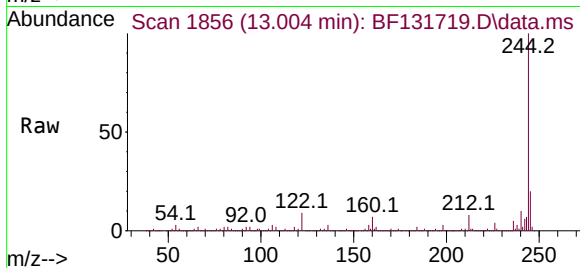
Tgt Ion:240 Resp: 164809
Ion Ratio Lower Upper
240 100
120 8.8 7.6 11.4
236 25.7 21.2 31.8



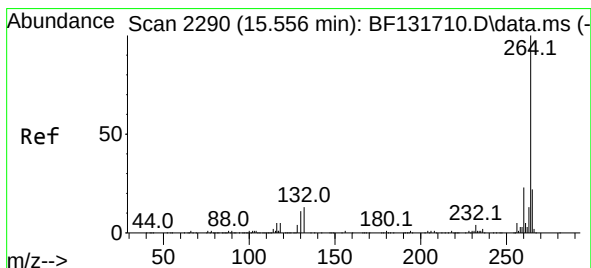
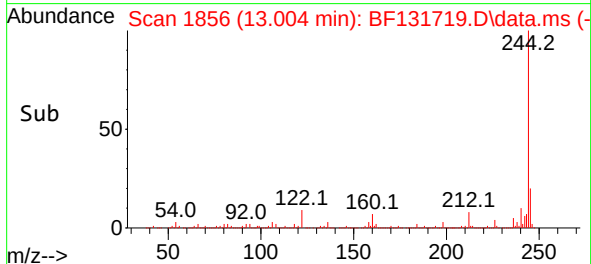
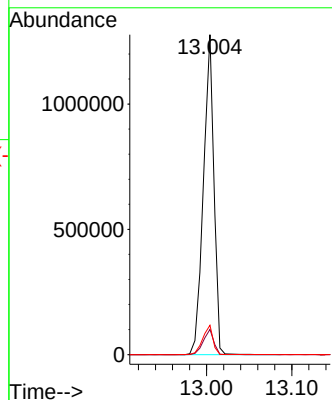


#79
 Terphenyl-d14
 Concen: 103.253 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131719.D
 Acq: 20 Dec 2022 18:30

Instrument :
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Tgt Ion:244 Resp: 1091872
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.2 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: BF131719.D
 Acq: 20 Dec 2022 18:30

Tgt Ion:264 Resp: 156211
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 23.1 17.4 26.2

