

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131478.D
 Acq On : 30 Nov 2022 18:53
 Operator : CG\JU
 Sample : N5812-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-16

Quant Time: Dec 01 01:14:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

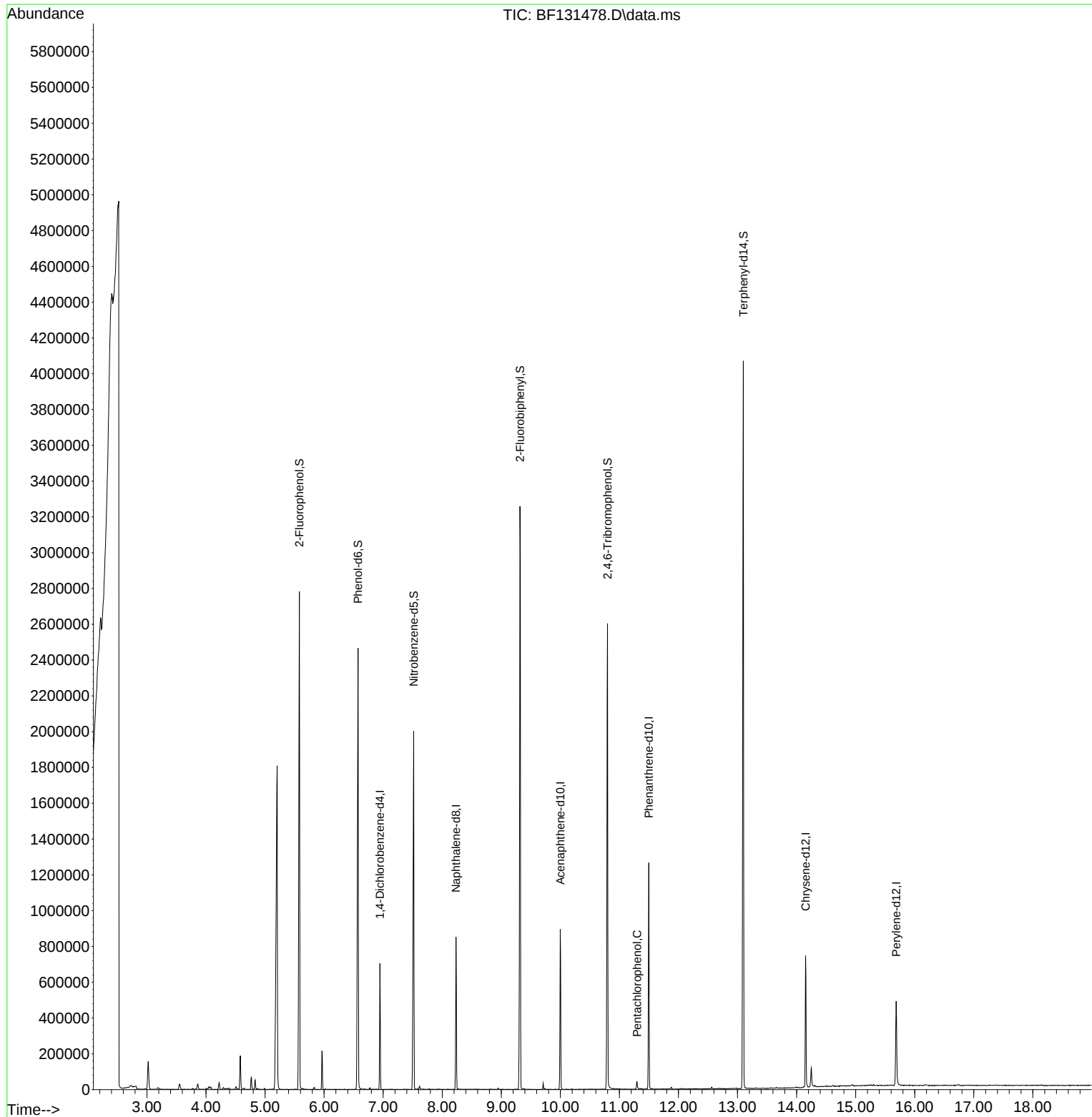
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	92193	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	346788	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	185228	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	420447	20.000	ng	0.00
76) Chrysene-d12	14.151	240	260918	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	231682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	748627	154.545	ng	0.02
7) Phenol-d6	6.575	99	876639	141.840	ng	0.00
23) Nitrobenzene-d5	7.516	82	661535	96.160	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	335424	215.245	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1124347	88.309	ng	0.00
79) Terphenyl-d14	13.098	244	1562616	97.935	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.298	266	7256	7.022	ng	Qvalue 97

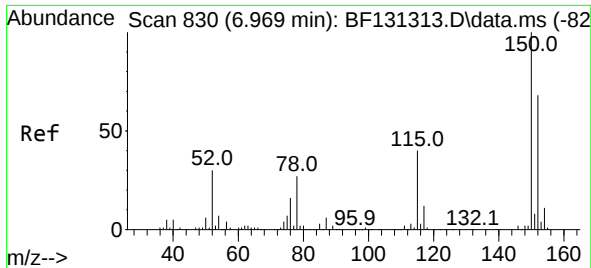
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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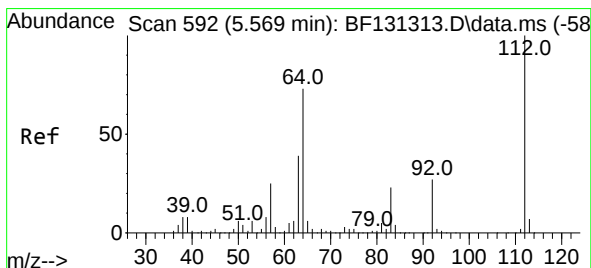
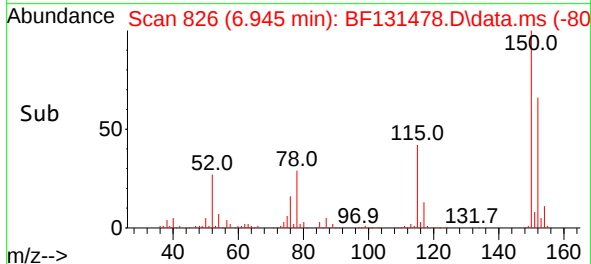
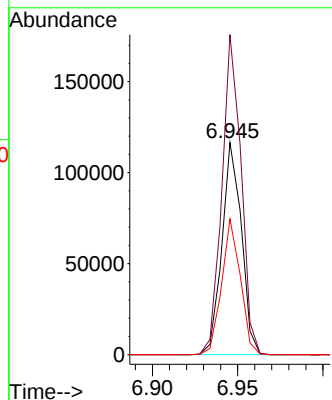
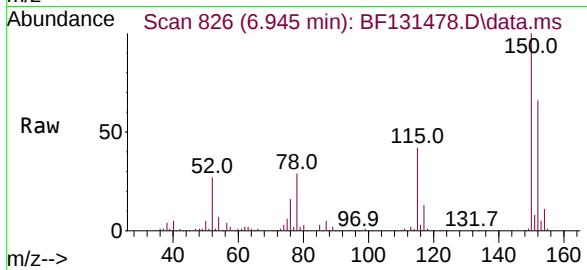




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131478.D
 Acq: 30 Nov 2022 18:53

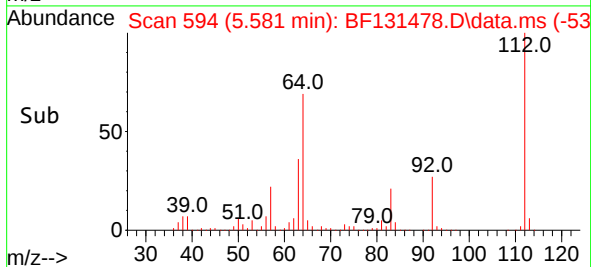
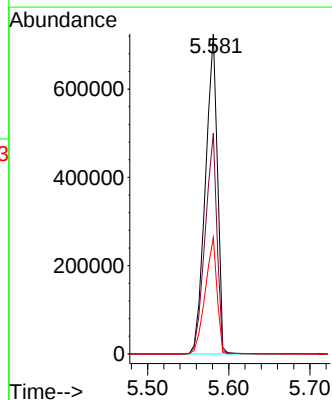
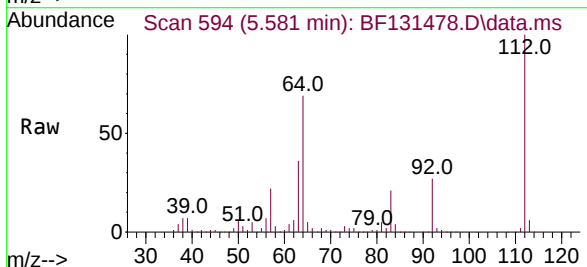
Instrument :
 BNA_F
 ClientSampleId :
 MH-16

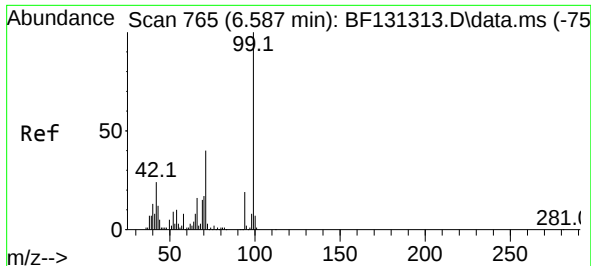
Tgt Ion:152 Resp: 92193
 Ion Ratio Lower Upper
 152 100
 150 151.0 117.8 176.8
 115 64.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 154.545 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.024 min
 Lab File: BF131478.D
 Acq: 30 Nov 2022 18:53

Tgt Ion:112 Resp: 748627
 Ion Ratio Lower Upper
 112 100
 64 68.9 58.6 88.0
 63 36.4 31.4 47.0

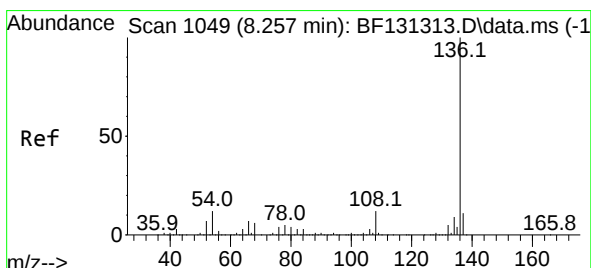
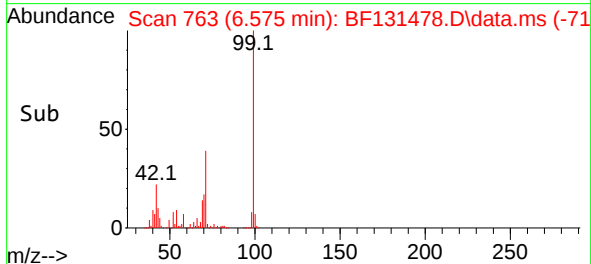
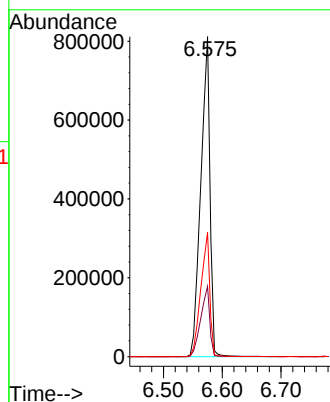
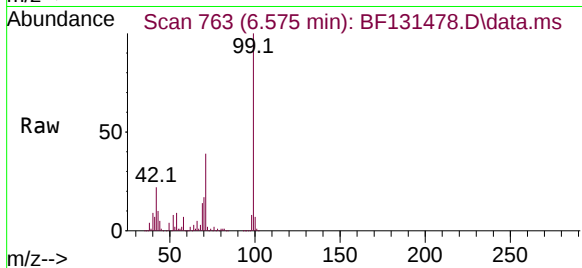




#7
Phenol-d6
Concen: 141.840 ng
RT: 6.575 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

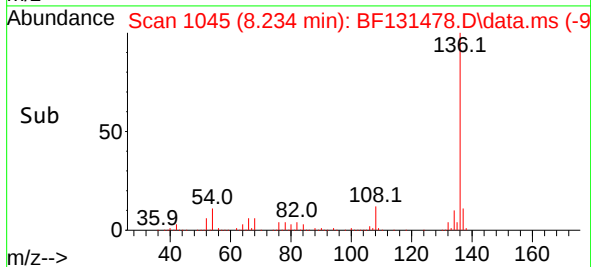
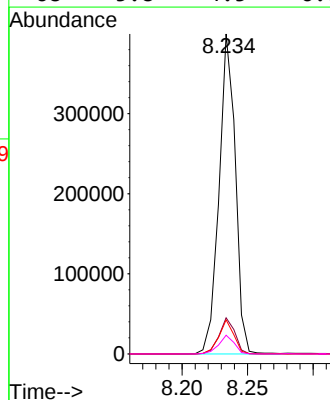
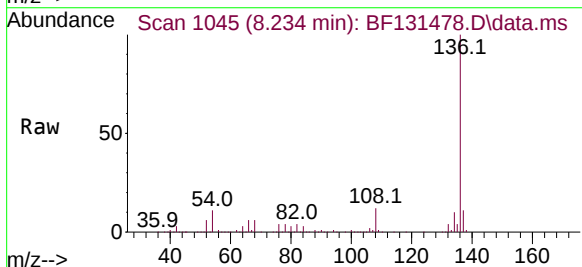
Instrument :
BNA_F
ClientSampleId :
MH-16

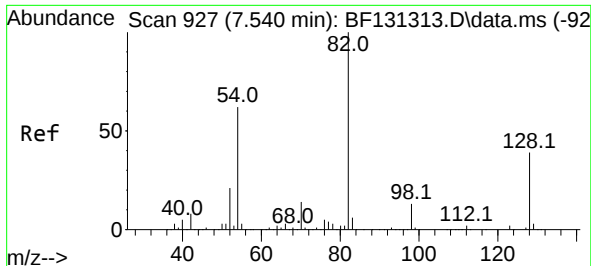
Tgt Ion: 99 Resp: 876639
Ion Ratio Lower Upper
99 100
42 22.0 19.4 29.2
71 38.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion: 136 Resp: 346788
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.6 9.4 14.0
68 5.8 4.5 6.7

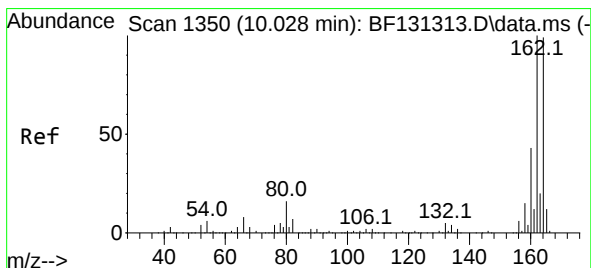
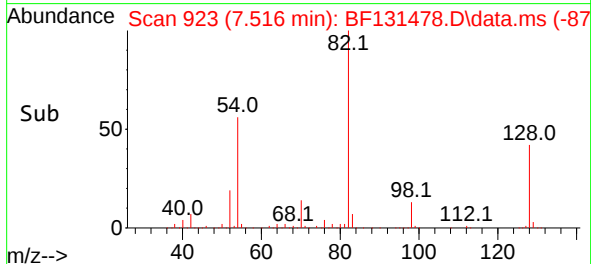
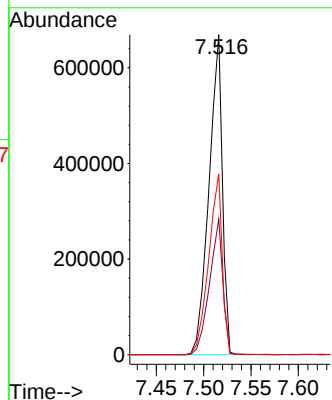
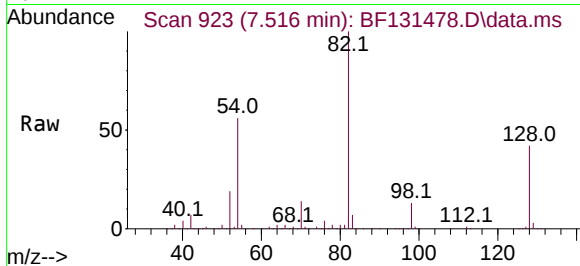




#23
Nitrobenzene-d5
Concen: 96.160 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

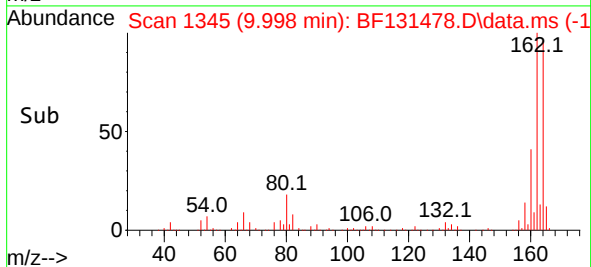
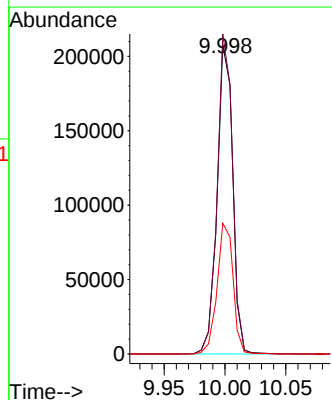
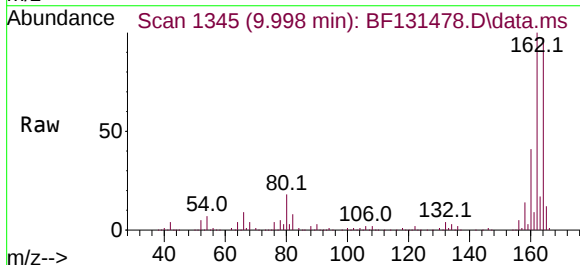
Instrument :
BNA_F
ClientSampleId :
MH-16

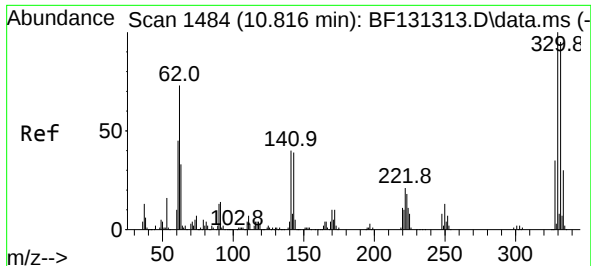
Tgt Ion: 82 Resp: 661535
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 56.5 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion: 164 Resp: 185228
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 215.245 ng

RT: 10.798 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

Instrument :

BNA_F

ClientSampleId :

MH-16

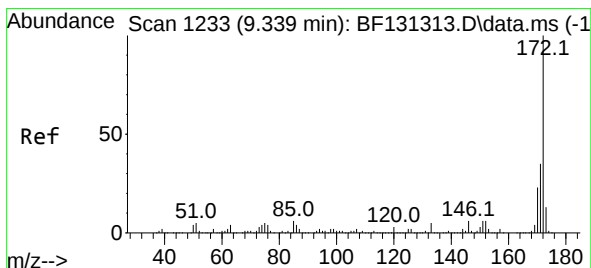
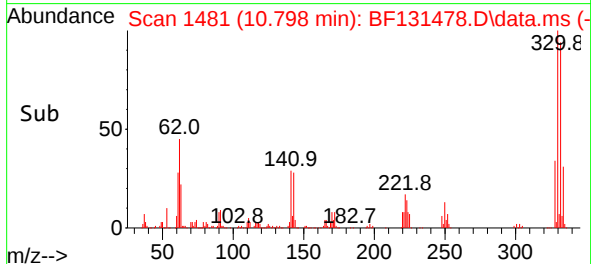
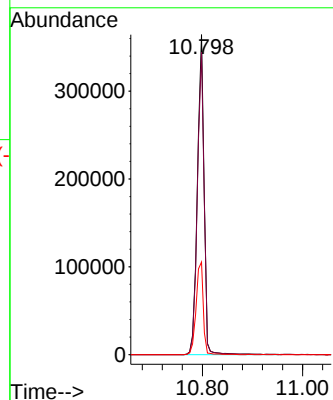
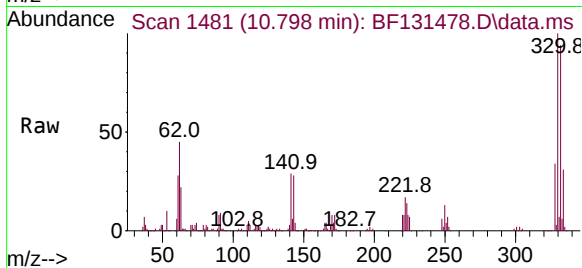
Tgt Ion:330 Resp: 335424

Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 30.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 88.309 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

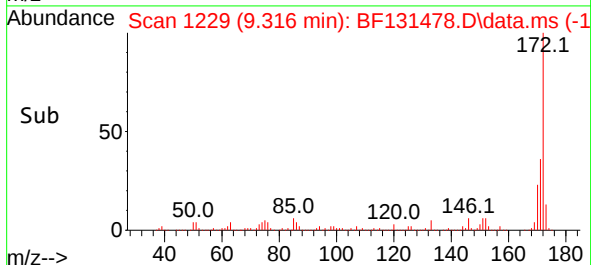
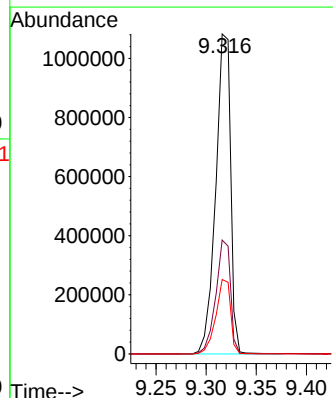
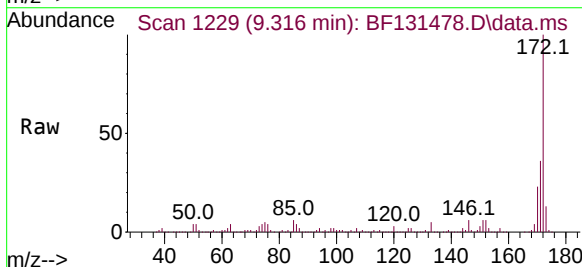
Tgt Ion:172 Resp: 1124347

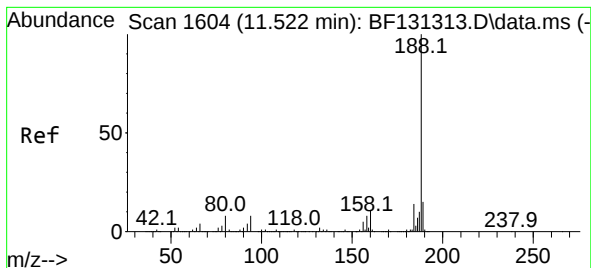
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

Instrument :

BNA_F

ClientSampleId :

MH-16

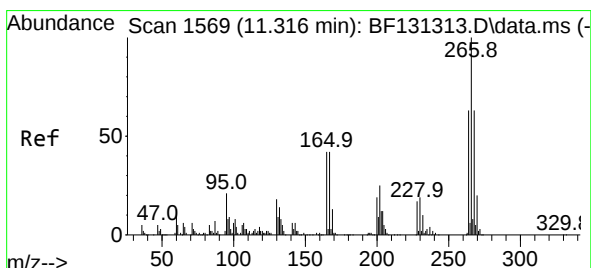
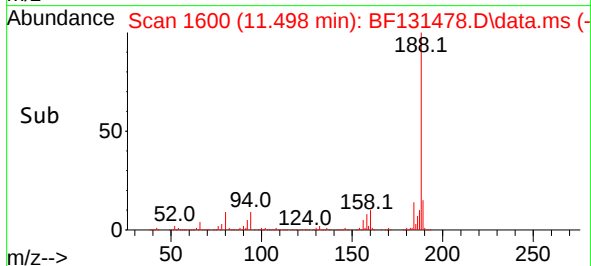
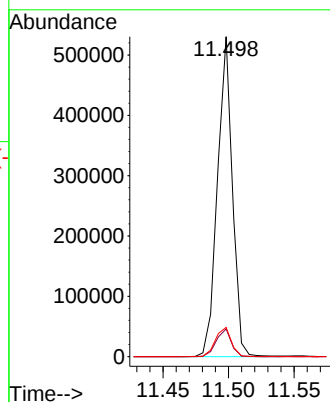
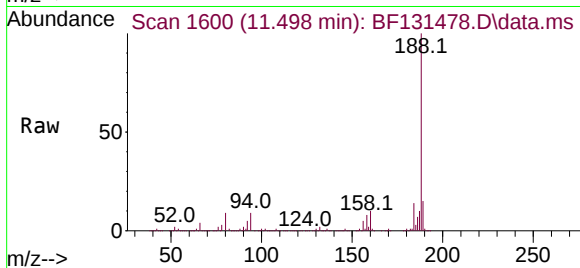
Tgt Ion:188 Resp: 420447

Ion Ratio Lower Upper

188 100

94 8.6 6.3 9.5

80 9.1 6.8 10.2



#70

Pentachlorophenol

Concen: 7.022 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

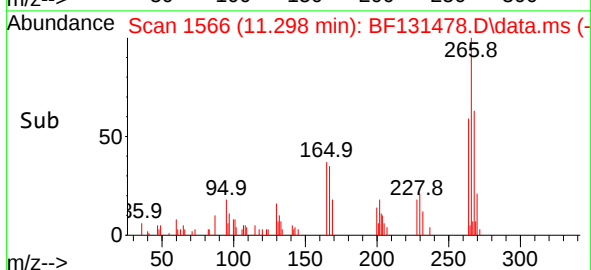
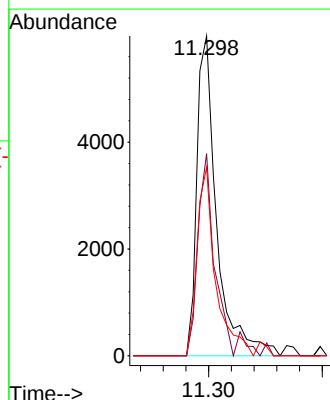
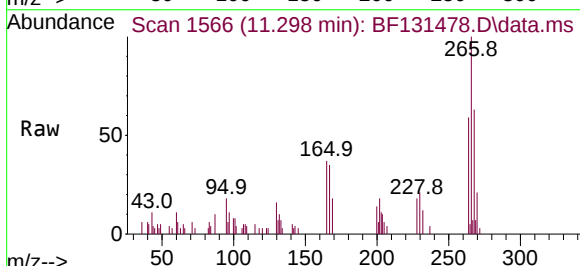
Tgt Ion:266 Resp: 7256

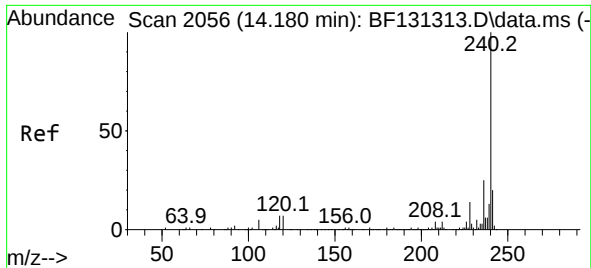
Ion Ratio Lower Upper

266 100

268 63.2 50.6 75.8

264 58.9 50.4 75.6

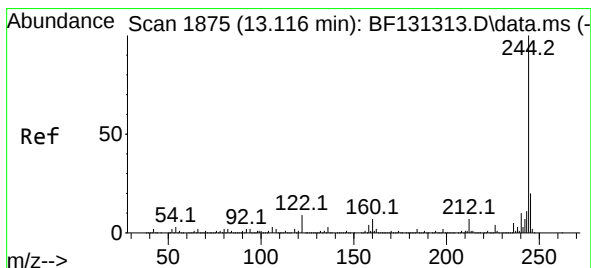
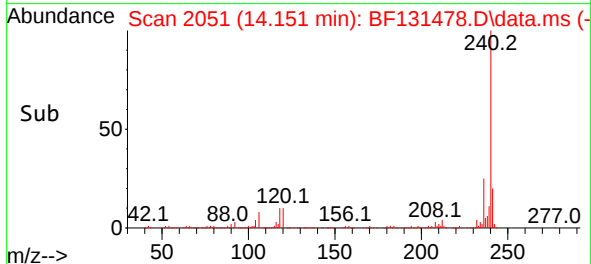
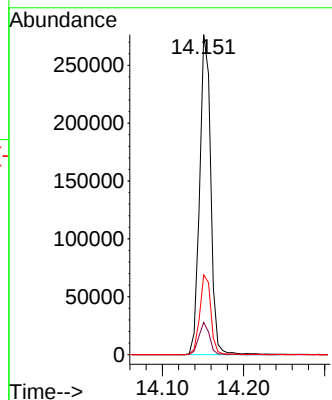
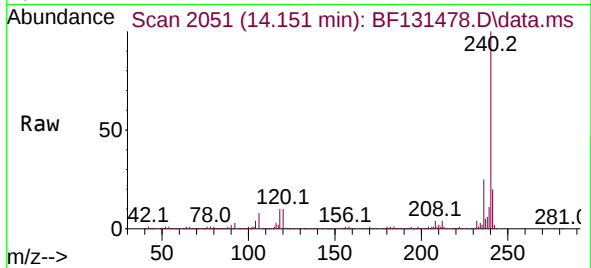




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

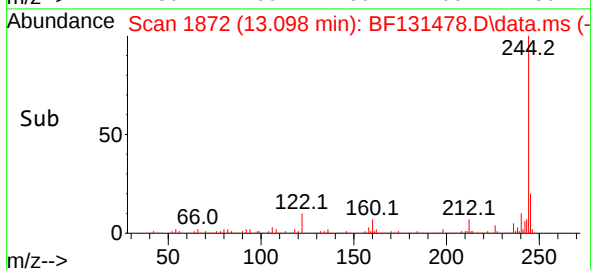
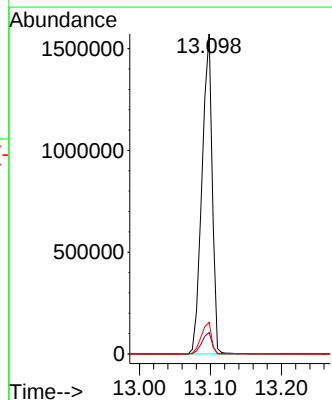
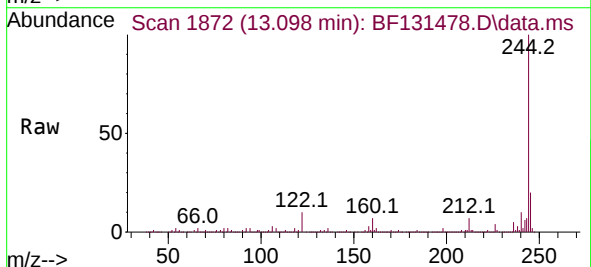
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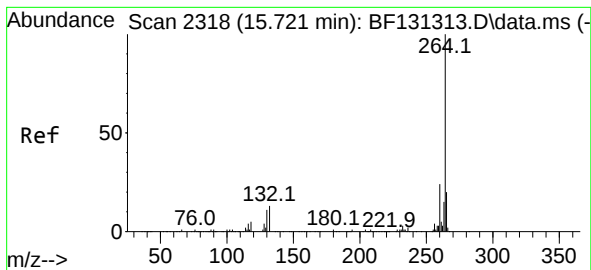
Tgt Ion:240 Resp: 260918
Ion Ratio Lower Upper
240 100
120 10.1 5.8 8.8#
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 97.935 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion:244 Resp: 1562616
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.9 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2318
 Delta R.T. -0.006 min
 Lab File: BF131478.D
 Acq: 30 Nov 2022 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-16

Tgt Ion:264 Resp: 231682
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 20.7 16.4 24.6

