

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126879.D
 Acq On : 14 Feb 2022 19:03
 Operator : CG\JU
 Sample : N1513-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220069-101-21-SITE-WATER

Quant Time: Feb 15 01:01:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	105239	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	426786	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	225212	20.000	ng	-0.01
64) Phenanthrene-d10	11.469	188	385017	20.000	ng	0.00
76) Chrysene-d12	14.110	240	184244	20.000	ng	-0.01
86) Perylene-d12	15.621	264	189769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	460237	67.333	ng	0.00
7) Phenol-d6	6.551	99	446855	48.427	ng	-0.01
23) Nitrobenzene-d5	7.504	82	807975	87.350	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	309512	128.192	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1259080	84.155	ng	0.00
79) Terphenyl-d14	13.057	244	1158181	90.116	ng	0.00

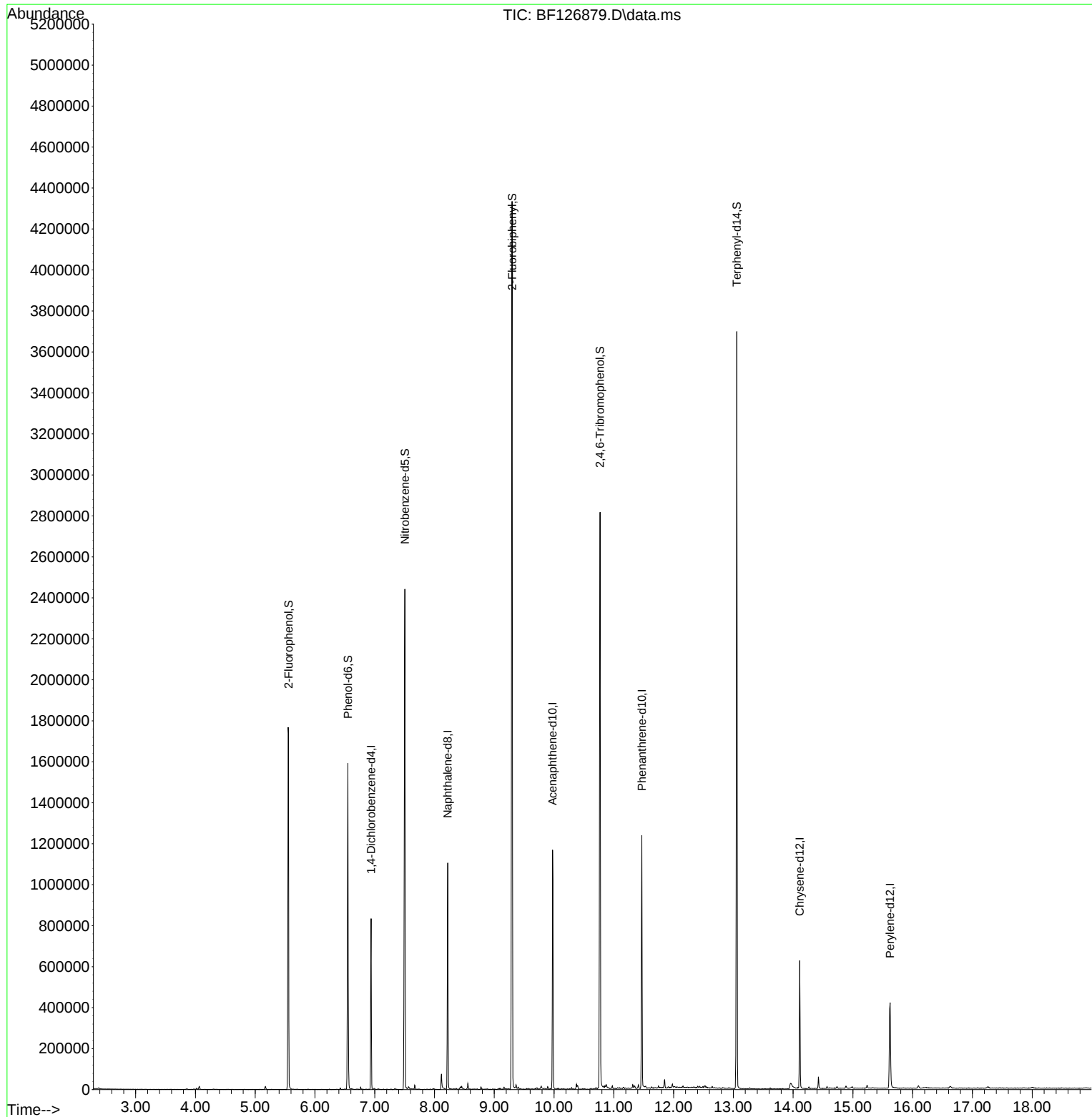
Target Compounds	Qvalue

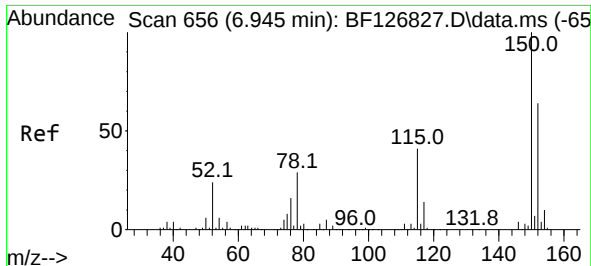
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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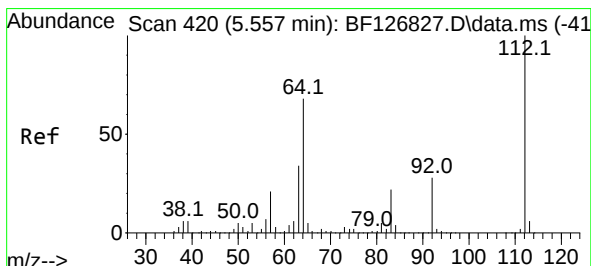
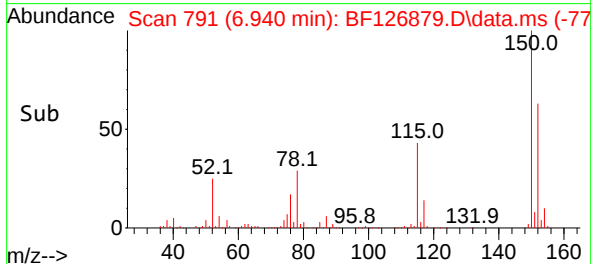
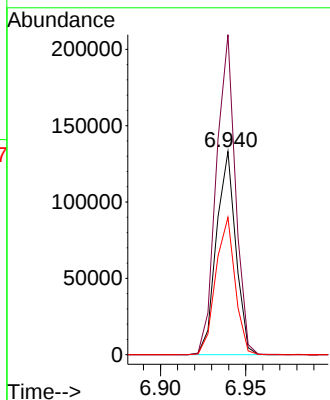
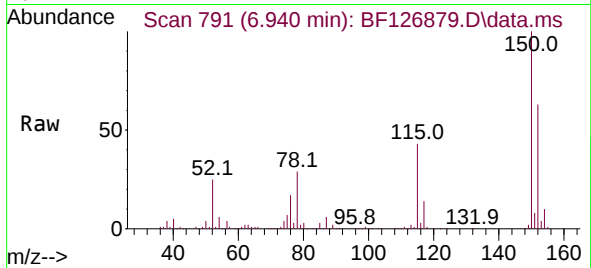




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

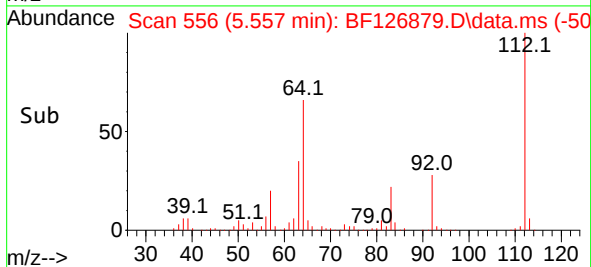
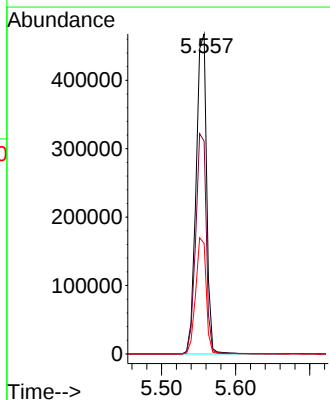
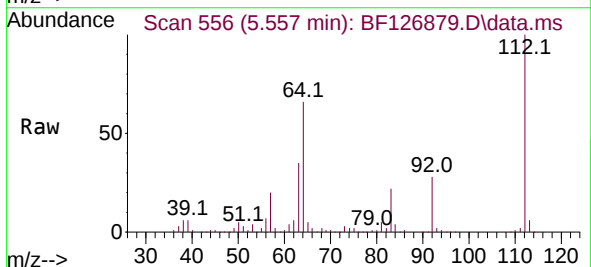
Instrument :
BNA_F
ClientSampleId :
20220069-101-21-SITE-WATER

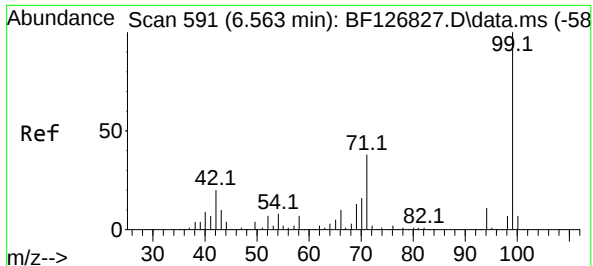
Tgt Ion:152 Resp: 105239
Ion Ratio Lower Upper
152 100
150 157.5 124.3 186.5
115 67.6 50.5 75.7



#5
2-Fluorophenol
Concen: 67.333 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.000 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

Tgt Ion:112 Resp: 460237
Ion Ratio Lower Upper
112 100
64 66.5 54.3 81.5
63 34.6 27.5 41.3

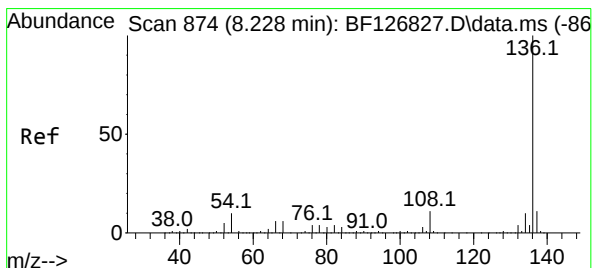
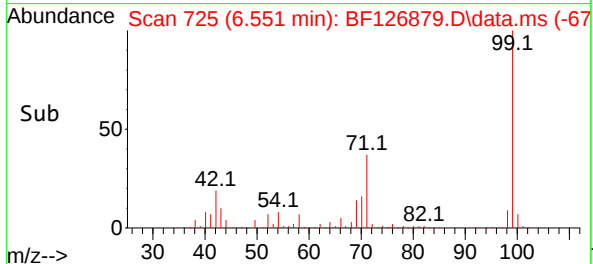
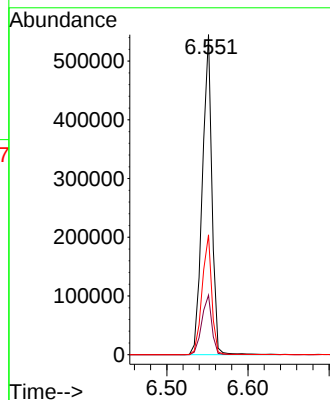
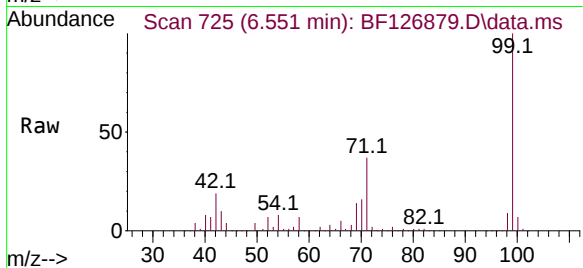




#7
Phenol-d6
Concen: 48.427 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

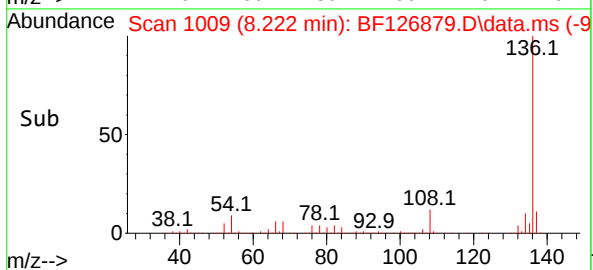
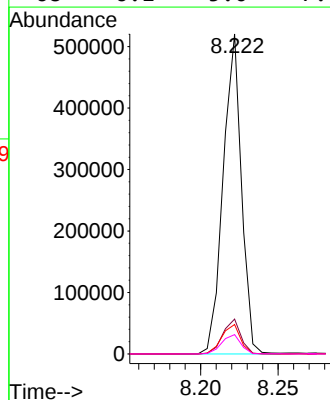
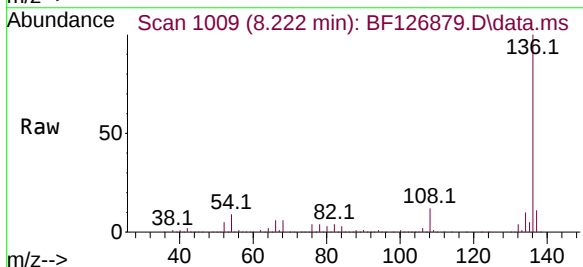
Instrument :
BNA_F
ClientSampleId :
20220069-101-21-SITE-WATER

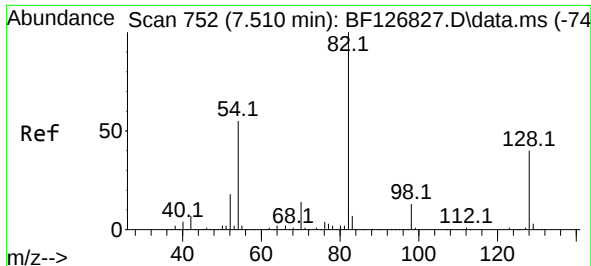
Tgt Ion: 99 Resp: 446855
Ion Ratio Lower Upper
99 100
42 18.6 15.8 23.6
71 37.5 30.6 45.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

Tgt Ion: 136 Resp: 426786
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.2 8.0 12.0
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.350 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126879.D

Acq: 14 Feb 2022 19:03

Instrument :

BNA_F

ClientSampleId :

20220069-101-21-SITE-WATER

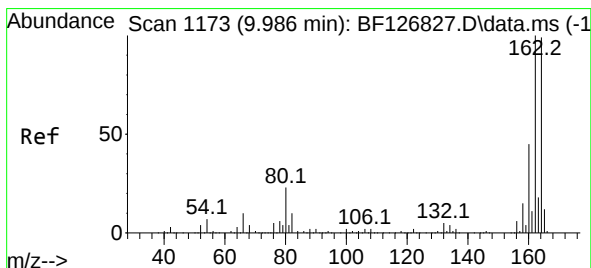
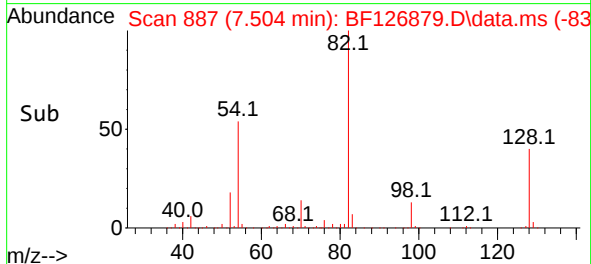
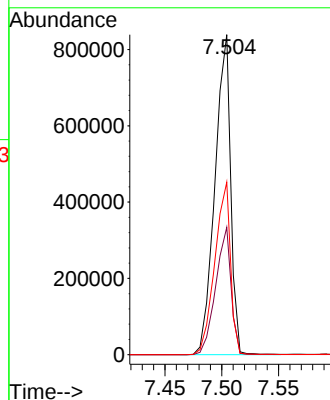
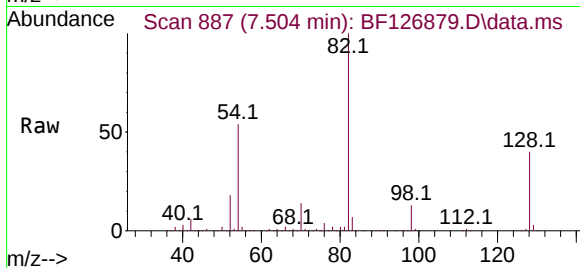
Tgt Ion: 82 Resp: 807975

Ion Ratio Lower Upper

82 100

128 39.8 31.6 47.4

54 53.9 43.7 65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1307

Delta R.T. -0.011 min

Lab File: BF126879.D

Acq: 14 Feb 2022 19:03

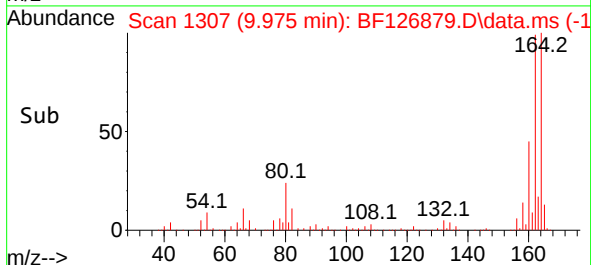
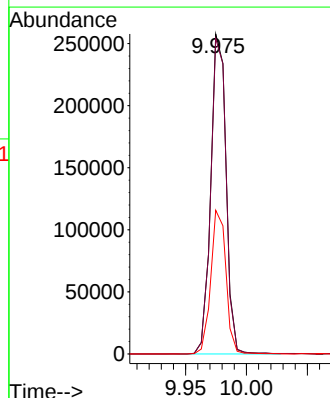
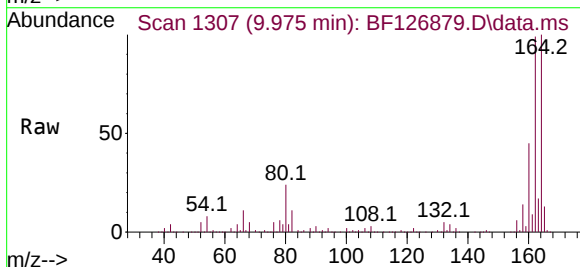
Tgt Ion:164 Resp: 225212

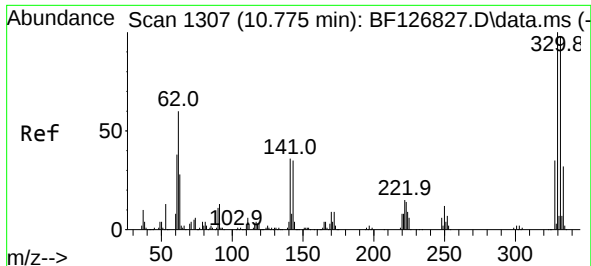
Ion Ratio Lower Upper

164 100

162 98.5 80.9 121.3

160 44.9 36.0 54.0

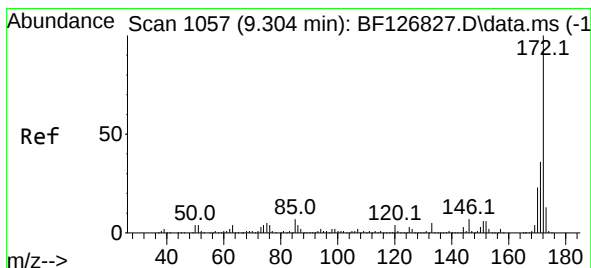
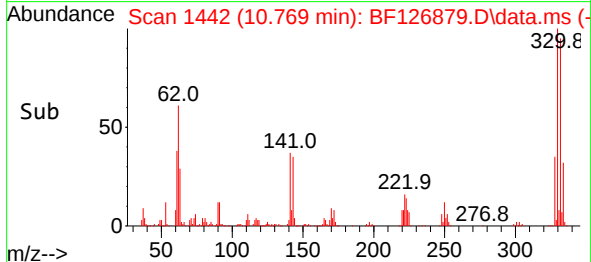
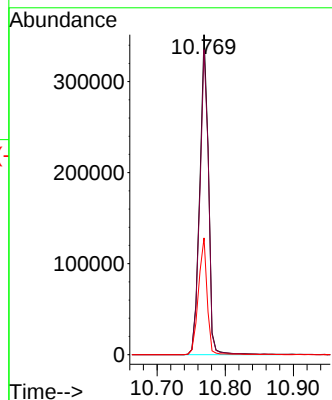
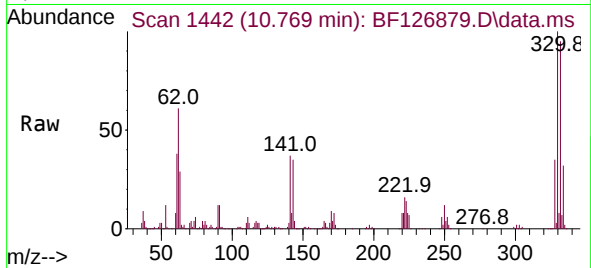




#42
2,4,6-Tribromophenol
Concen: 128.192 ng
RT: 10.769 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

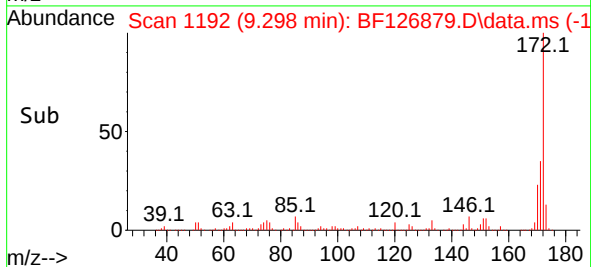
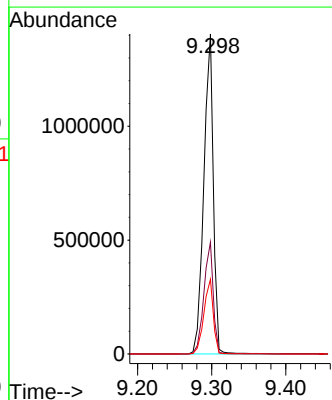
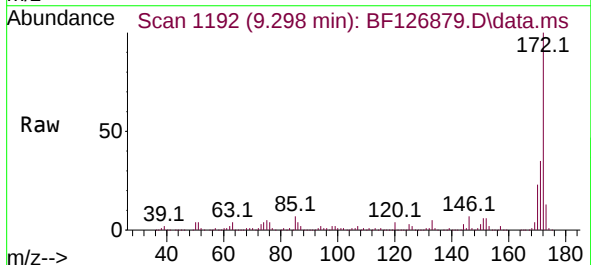
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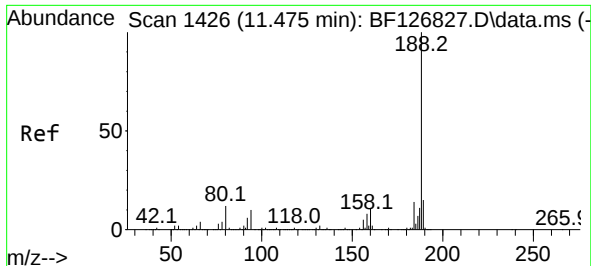
Tgt Ion:330 Resp: 309512
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 36.4 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 84.155 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

Tgt Ion:172 Resp: 1259080
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.4 18.7 28.1

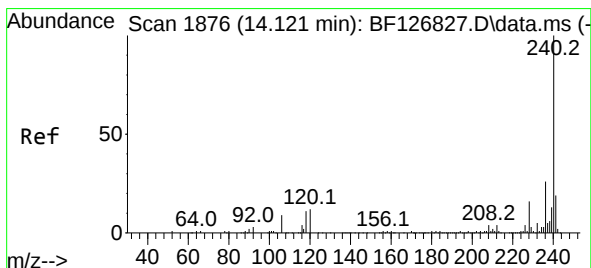
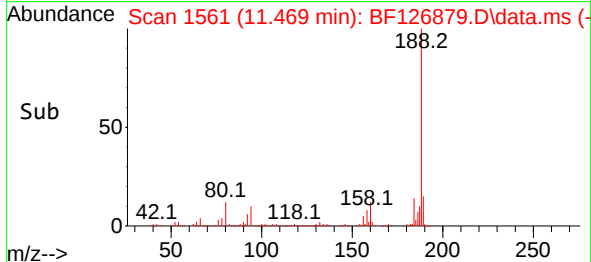
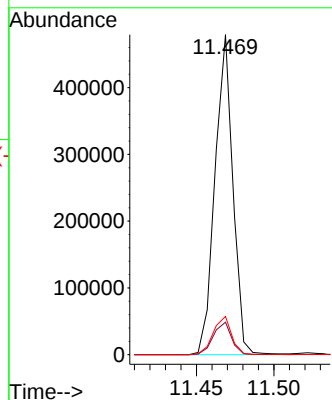
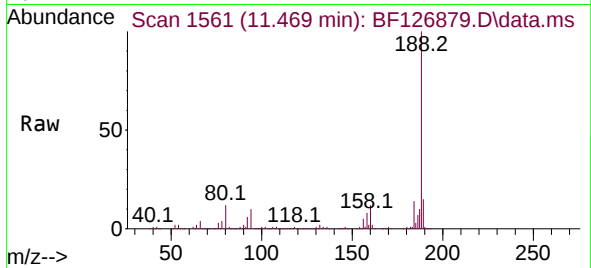




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

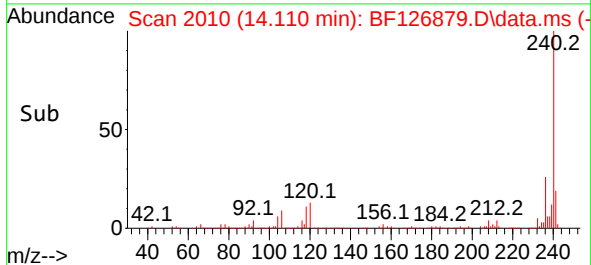
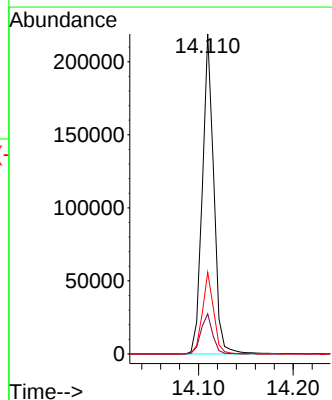
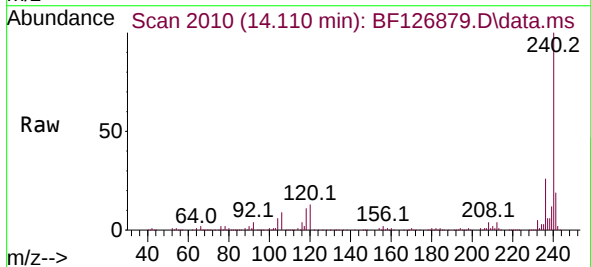
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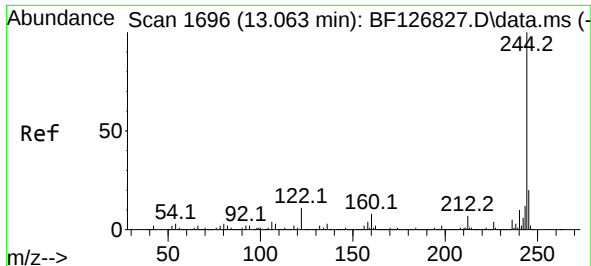
Tgt Ion:188 Resp: 385017
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 12.0 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126879.D
Acq: 14 Feb 2022 19:03

Tgt Ion:240 Resp: 184244
Ion Ratio Lower Upper
240 100
120 12.5 9.8 14.6
236 25.6 20.5 30.7

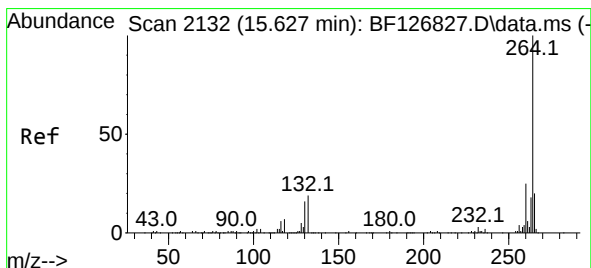
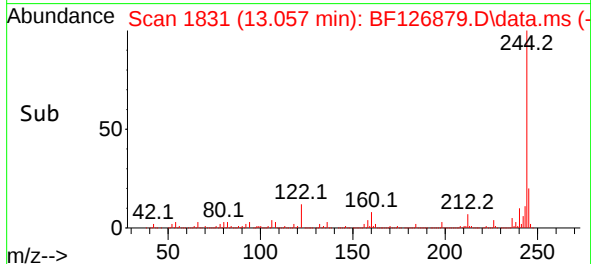
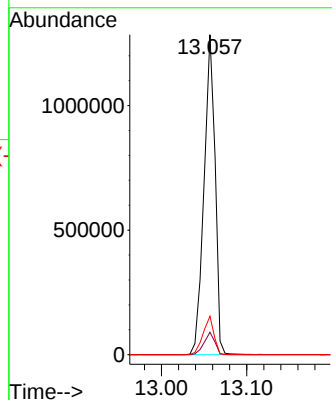
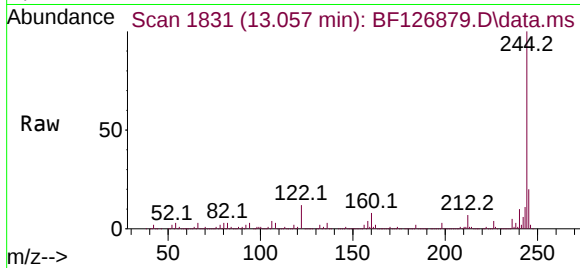




#79
 Terphenyl-d14
 Concen: 90.116 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126879.D
 Acq: 14 Feb 2022 19:03

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1158181
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126879.D
 Acq: 14 Feb 2022 19:03

Tgt Ion:264 Resp: 189769
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.1 15.9 23.9

