

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131099.D
 Acq On : 09 Nov 2022 21:35
 Operator : CG\JU
 Sample : N5441-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5486-5

Quant Time: Nov 10 04:33:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85353	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	325525	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	176286	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	325825	20.000	ng	0.00
76) Chrysene-d12	14.068	240	213633	20.000	ng	-0.01
86) Perylene-d12	15.562	264	166420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	159029	31.686	ng	0.00
7) Phenol-d6	6.510	99	153032	23.322	ng	-0.01
23) Nitrobenzene-d5	7.457	82	501843	69.557	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	99016	54.349	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	827620	65.538	ng	0.00
79) Terphenyl-d14	13.010	244	699174	57.382	ng	0.00

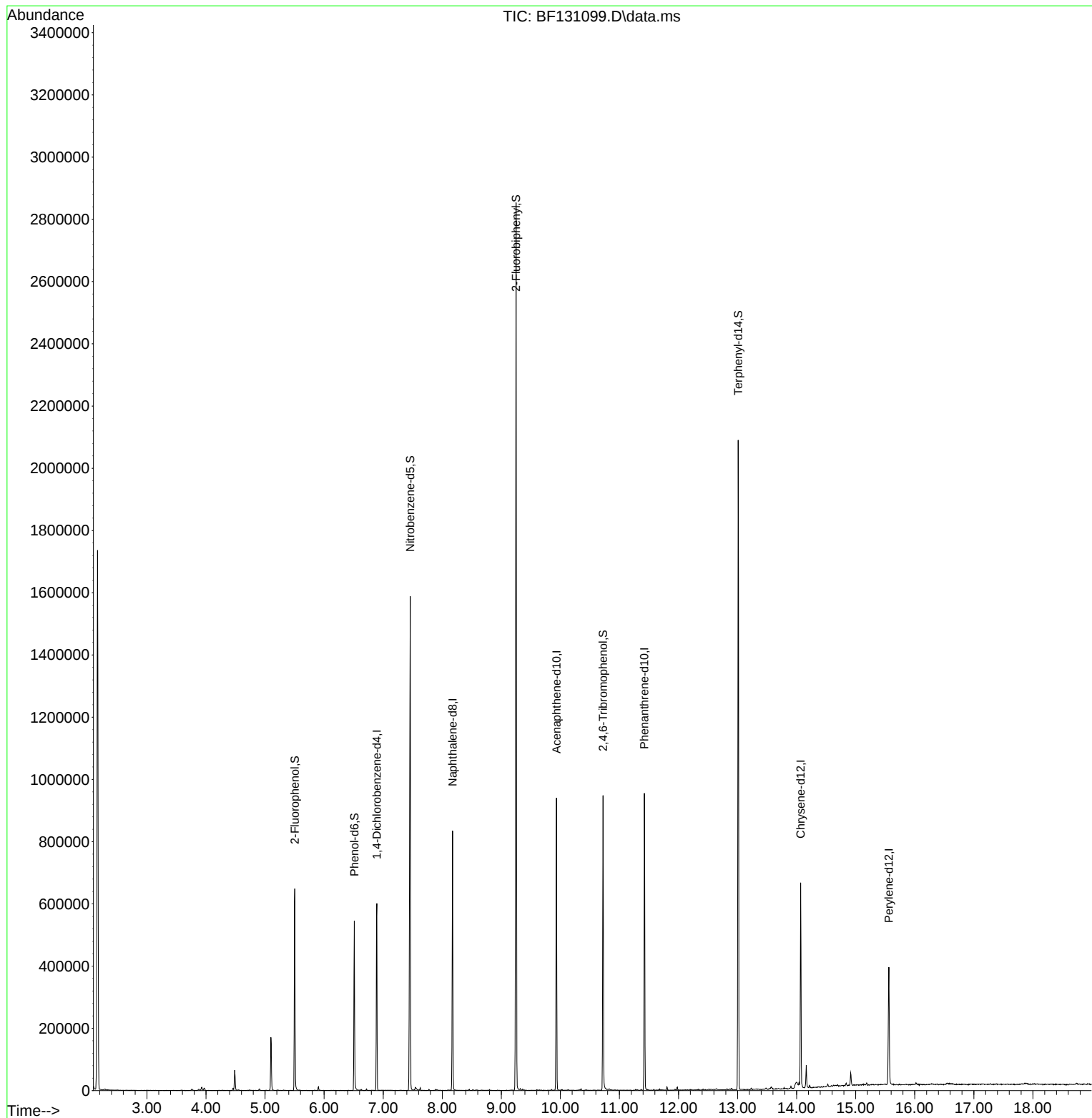
Target Compounds	Qvalue

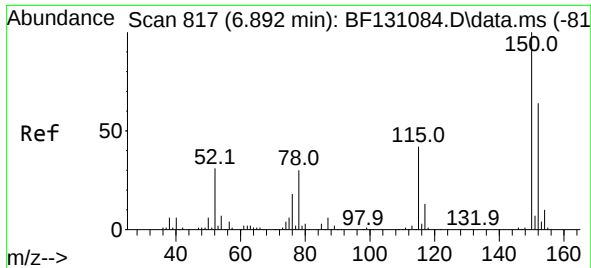
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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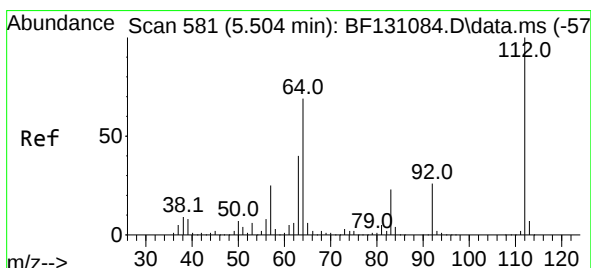
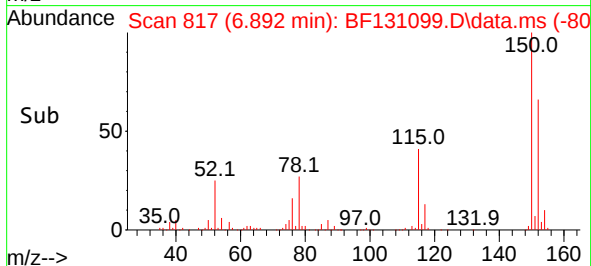
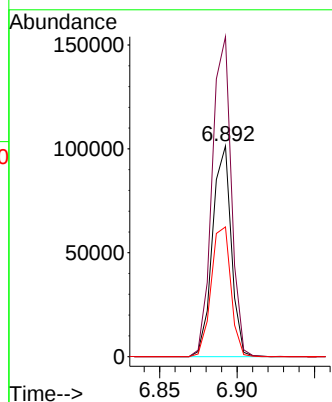
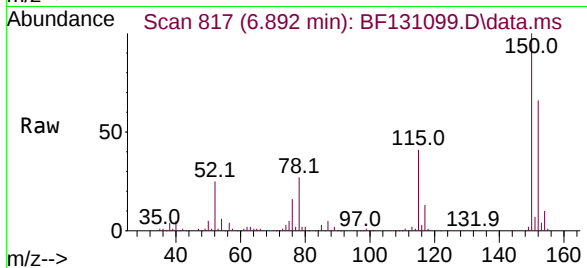




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF131099.D
Acq: 09 Nov 2022 21:35

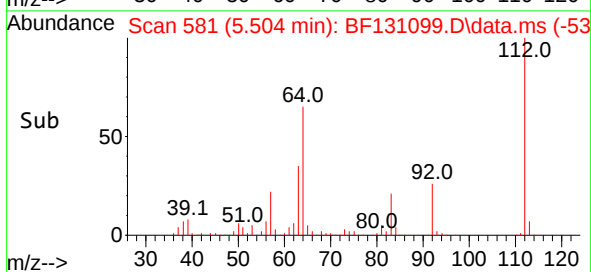
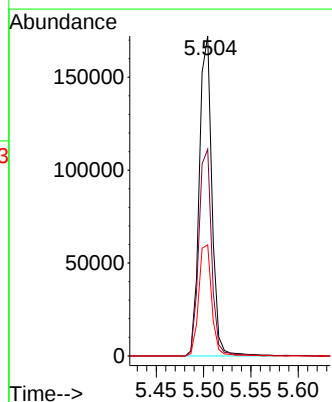
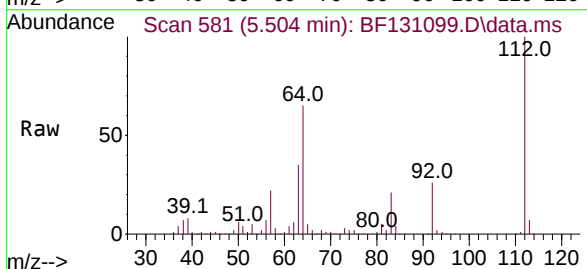
Instrument :
BNA_F
ClientSampleId :
5486-5

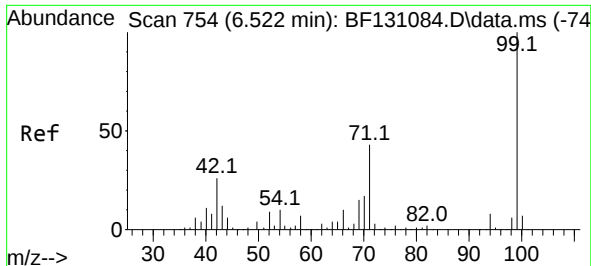
Tgt Ion:152 Resp: 85353
Ion Ratio Lower Upper
152 100
150 151.9 125.5 188.3
115 61.6 52.2 78.2



#5
2-Fluorophenol
Concen: 31.686 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131099.D
Acq: 09 Nov 2022 21:35

Tgt Ion:112 Resp: 159029
Ion Ratio Lower Upper
112 100
64 64.6 55.1 82.7
63 34.7 32.4 48.6

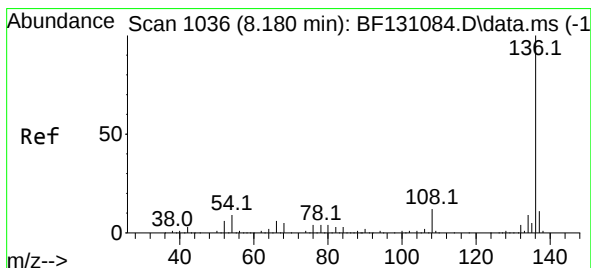
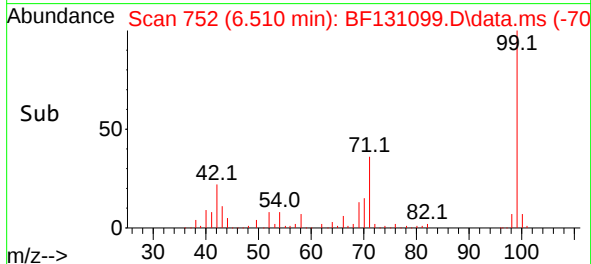
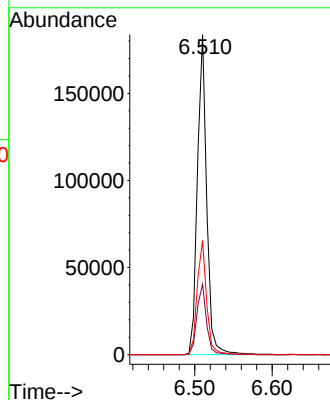
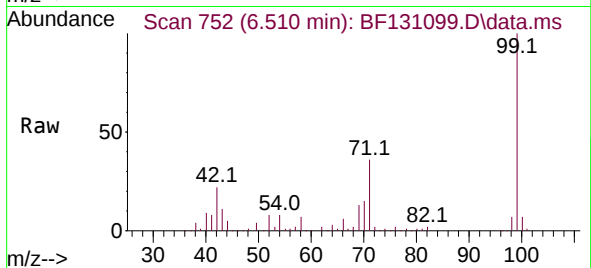




#7
Phenol-d6
Concen: 23.322 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131099.D
Acq: 09 Nov 2022 21:35

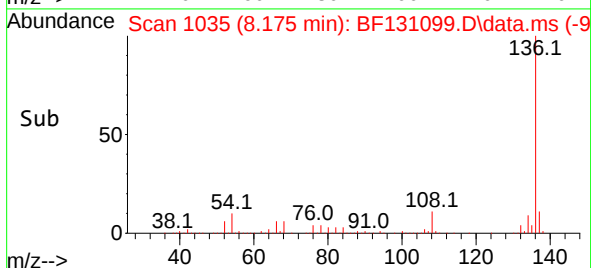
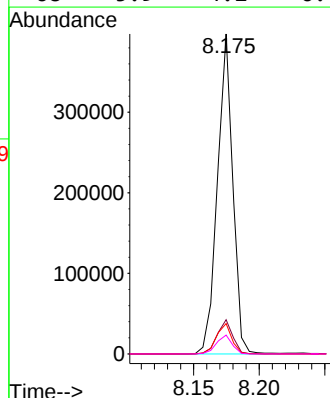
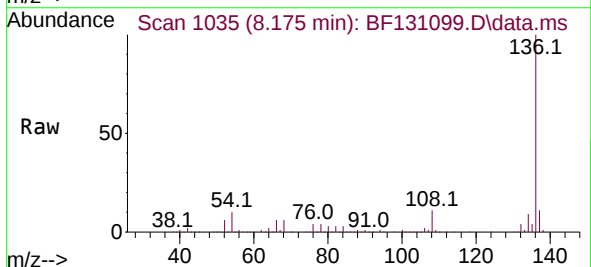
Instrument :
BNA_F
ClientSampleId :
5486-5

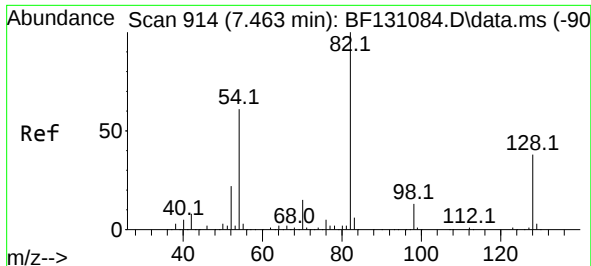
Tgt Ion: 99 Resp: 153032
Ion Ratio Lower Upper
99 100
42 22.0 20.8 31.2
71 35.6 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131099.D
Acq: 09 Nov 2022 21:35

Tgt Ion: 136 Resp: 325525
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.5 7.2 10.8
68 5.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 69.557 ng

RT: 7.457 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131099.D

Acq: 09 Nov 2022 21:35

Instrument :

BNA_F

ClientSampleId :

5486-5

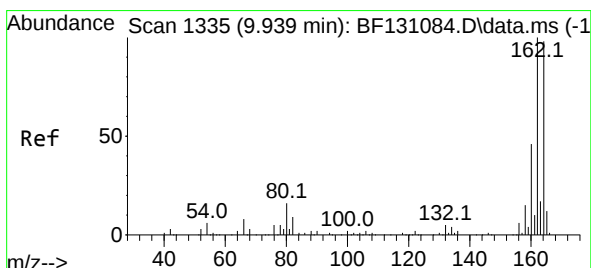
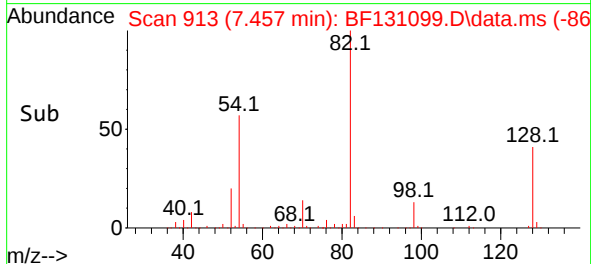
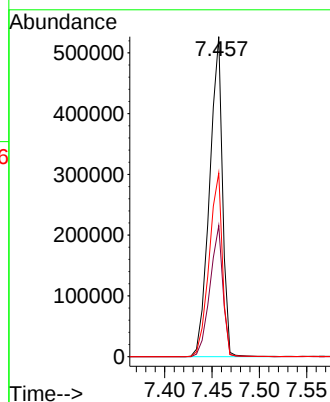
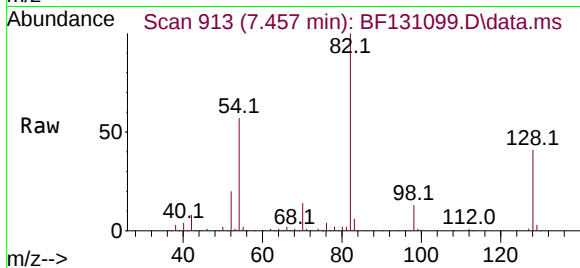
Tgt Ion: 82 Resp: 501843

Ion Ratio Lower Upper

82 100

128 40.9 30.5 45.7

54 57.4 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131099.D

Acq: 09 Nov 2022 21:35

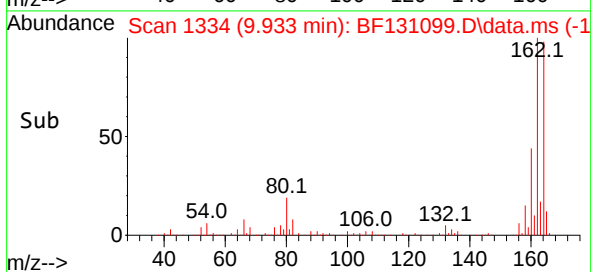
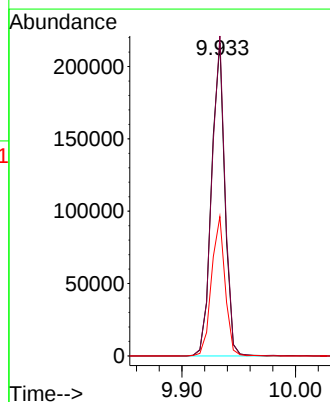
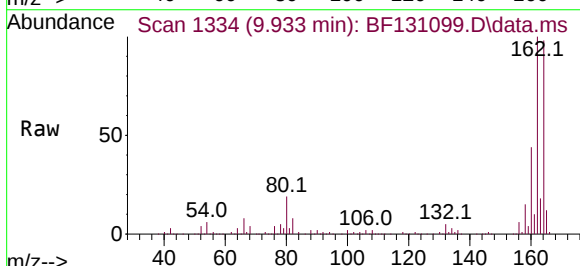
Tgt Ion:164 Resp: 176286

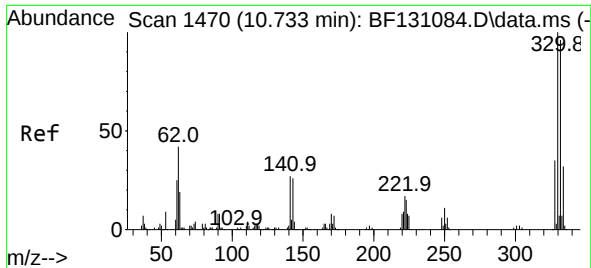
Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

160 44.5 37.4 56.2

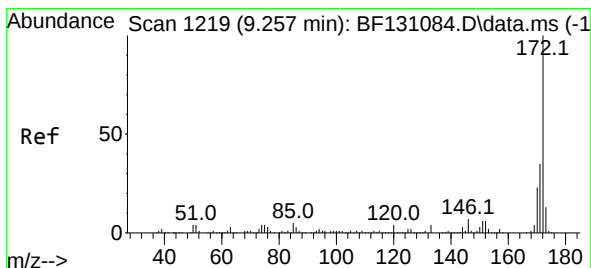
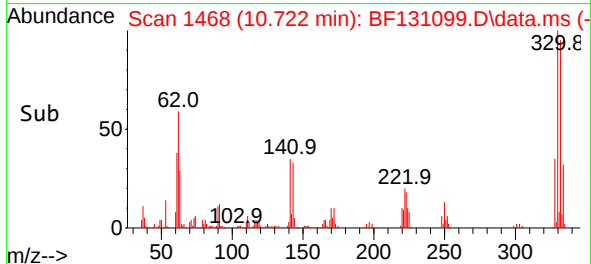
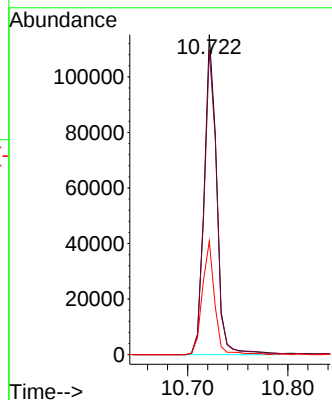
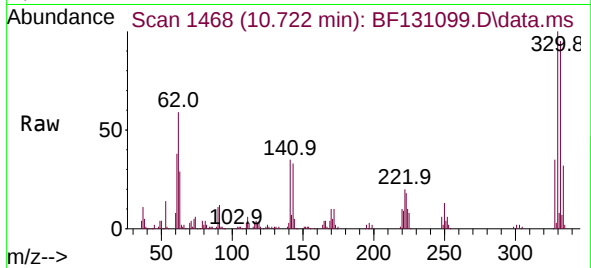




#42
2,4,6-Tribromophenol
Concen: 54.349 ng
RT: 10.722 min Scan# 1470
Delta R.T. -0.012 min
Lab File: BF131099.D
Acq: 09 Nov 2022 21:35

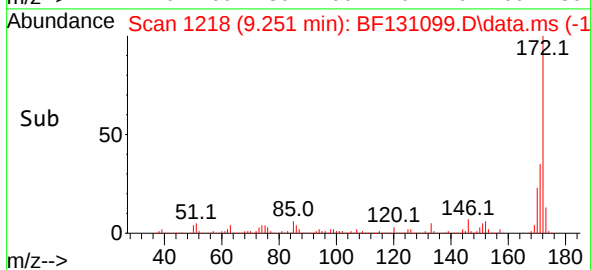
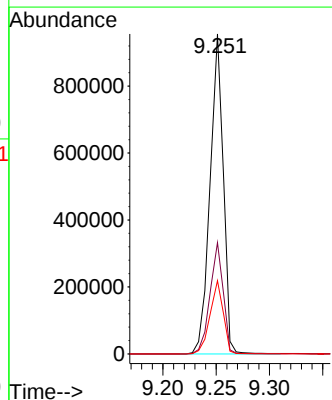
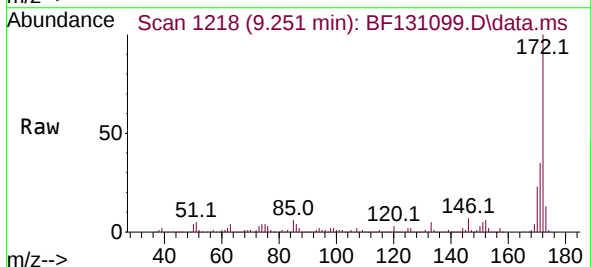
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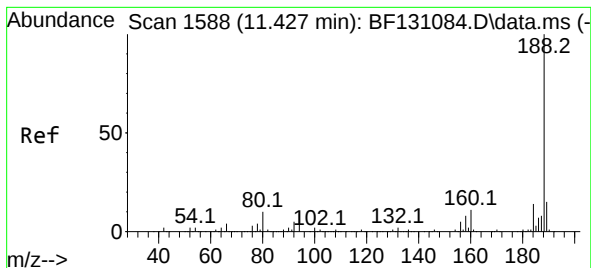
Tgt Ion:330 Resp: 99016
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 35.0 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 65.538 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131099.D
Acq: 09 Nov 2022 21:35

Tgt Ion:172 Resp: 827620
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 22.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131099.D

Acq: 09 Nov 2022 21:35

Instrument :

BNA_F

ClientSampleId :

5486-5

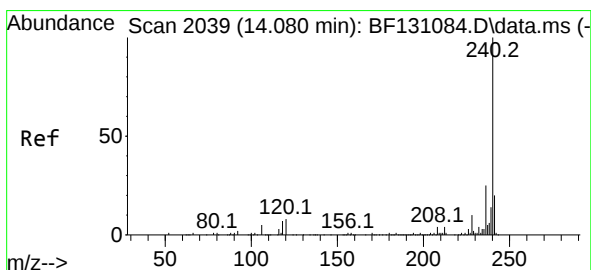
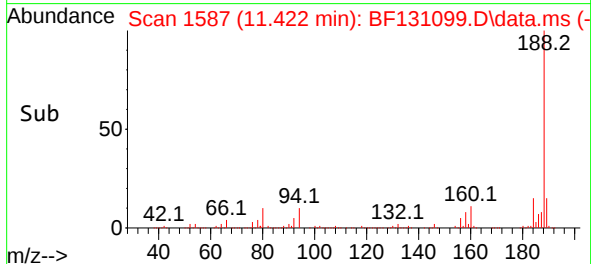
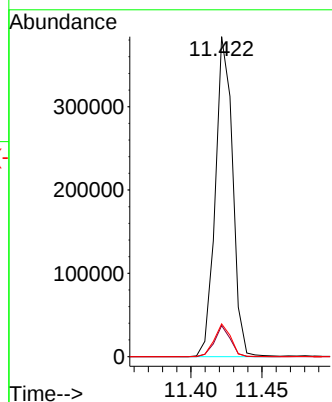
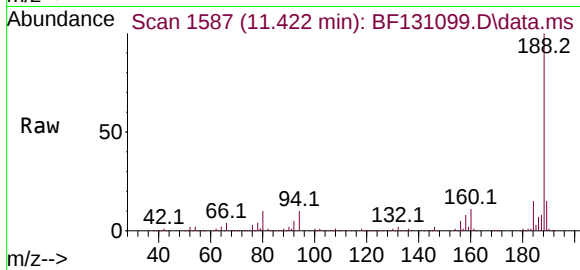
Tgt Ion:188 Resp: 325825

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.2 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.012 min

Lab File: BF131099.D

Acq: 09 Nov 2022 21:35

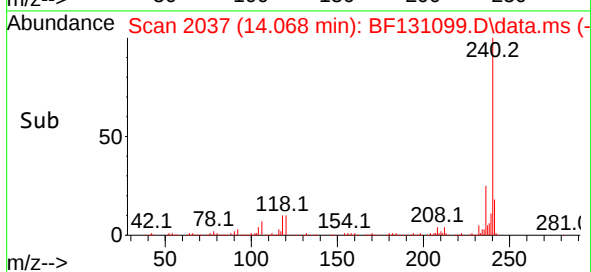
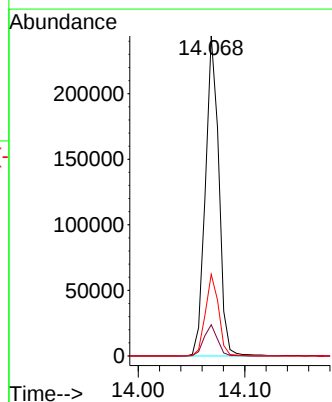
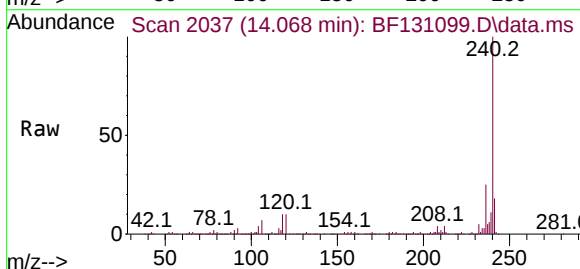
Tgt Ion:240 Resp: 213633

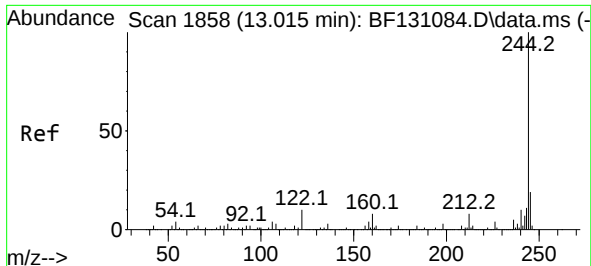
Ion Ratio Lower Upper

240 100

120 9.7 6.5 9.7

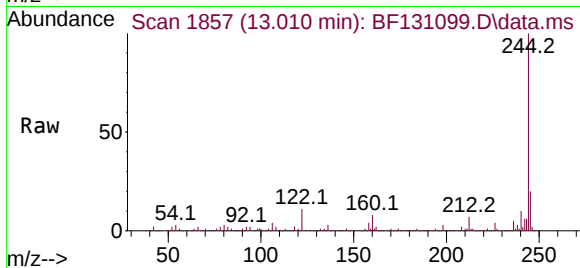
236 25.5 19.7 29.5



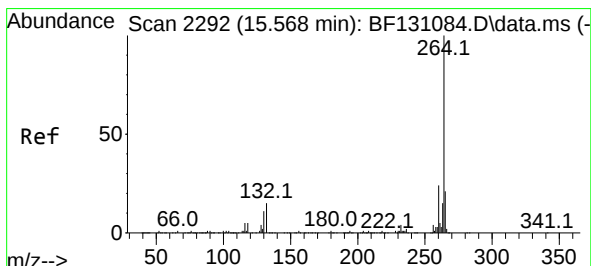
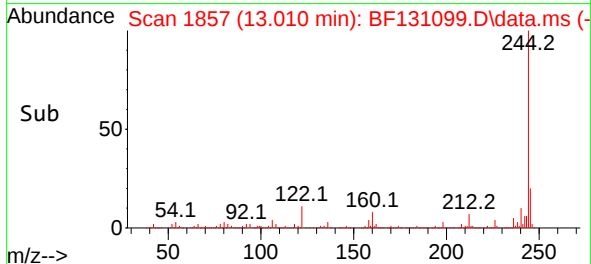
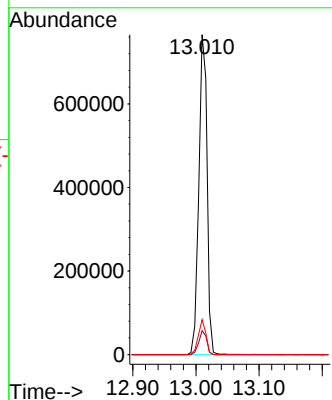


#79
 Terphenyl-d14
 Concen: 57.382 ng
 RT: 13.010 min Scan# 1858
 Delta R.T. -0.005 min
 Lab File: BF131099.D
 Acq: 09 Nov 2022 21:35

Instrument :
 BNA_F
 ClientSampleId :
 5486-5



Tgt Ion:244 Resp: 699174
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131099.D
 Acq: 09 Nov 2022 21:35

Tgt Ion:264 Resp: 166420
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.6 16.7 25.1

