

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131109.D
 Acq On : 10 Nov 2022 02:34
 Operator : CG\JU
 Sample : N5335-05DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1DL

Quant Time: Nov 10 04:36:07 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)

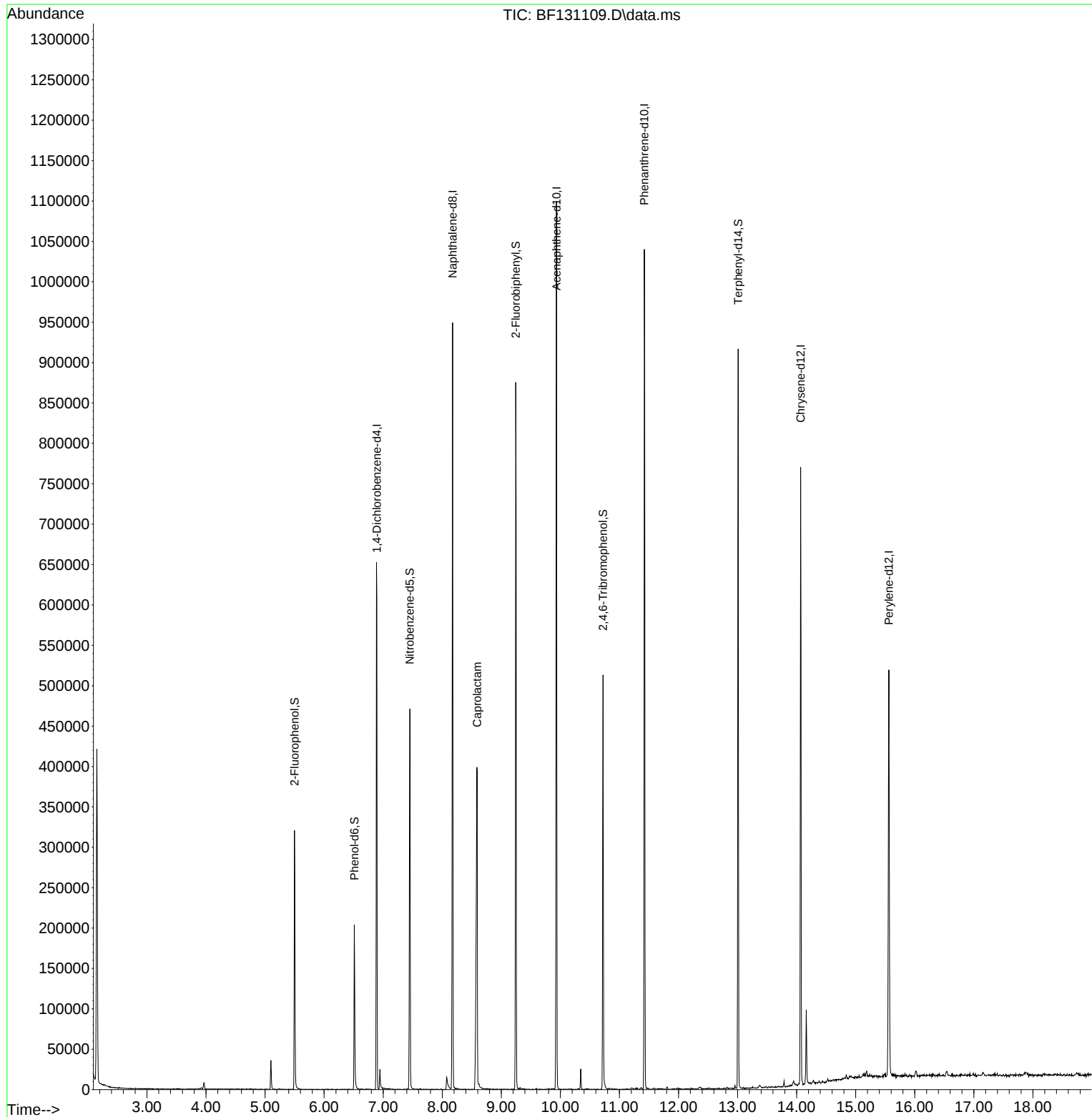
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	95796	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	366330	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	200823	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	370769	20.000	ng	0.00
76) Chrysene-d12	14.068	240	257656	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	223643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	77491	13.757	ng	0.00
7) Phenol-d6	6.510	99	61949	8.412	ng	-0.01
23) Nitrobenzene-d5	7.451	82	131872	16.242	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	54874	26.440	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	255790	17.781	ng	-0.01
79) Terphenyl-d14	13.010	244	280788	19.107	ng	0.00
Target Compounds						
35) Caprolactam	8.592	113	52664	30.025	ng	Qvalue # 86

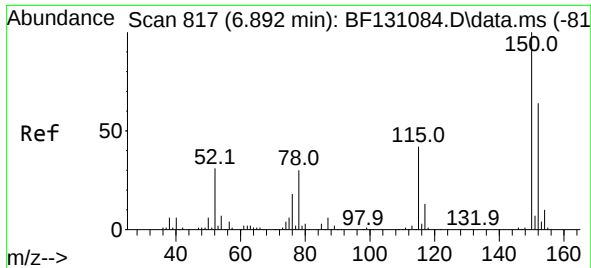
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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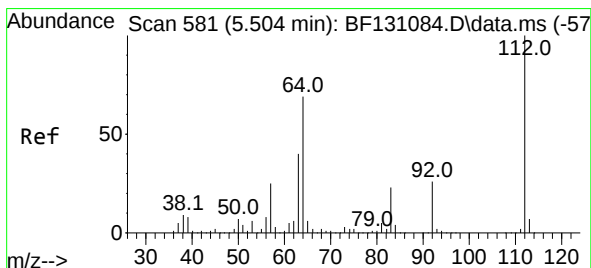
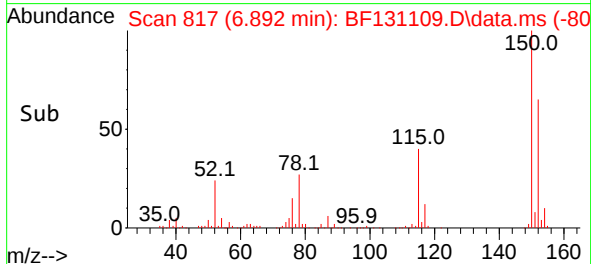
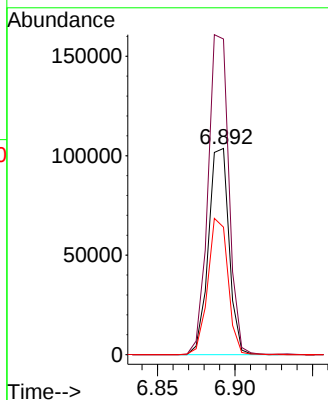
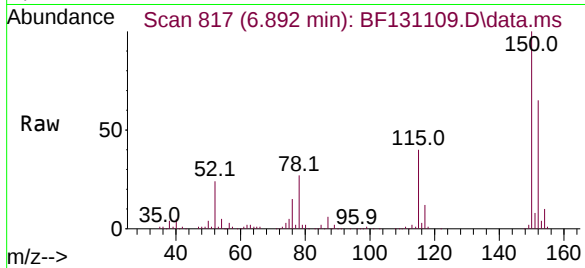




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

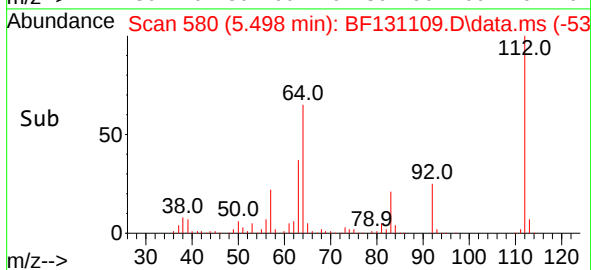
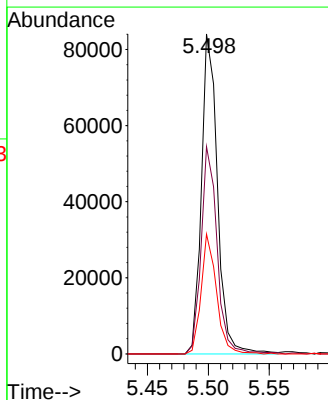
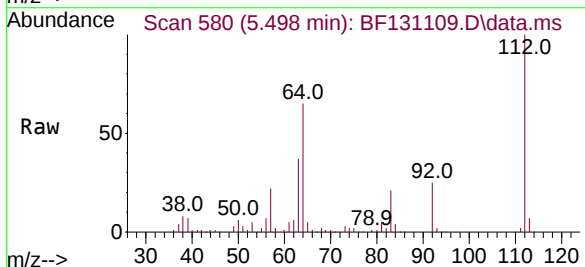
Instrument :
BNA_F
ClientSampleId :
SB-1DL

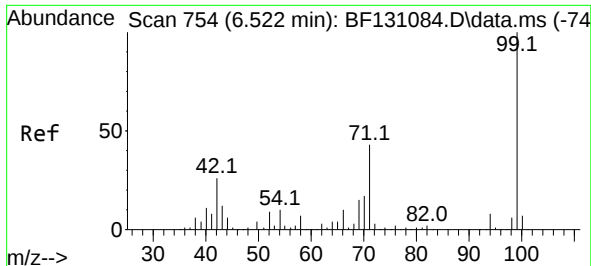
Tgt Ion:152 Resp: 95796
Ion Ratio Lower Upper
152 100
150 153.2 125.5 188.3
115 61.8 52.2 78.2



#5
2-Fluorophenol
Concen: 13.757 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:112 Resp: 77491
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 37.4 32.4 48.6

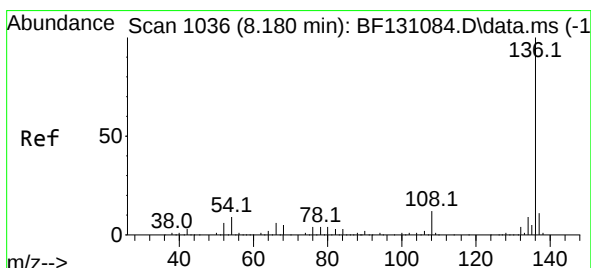
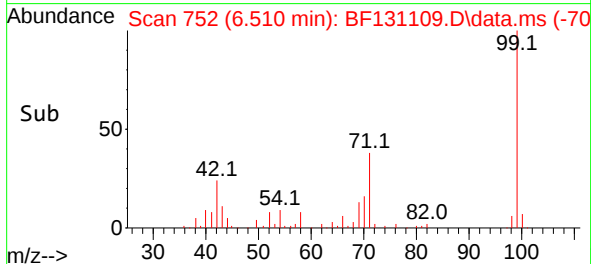
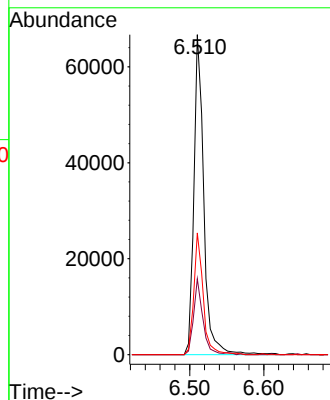
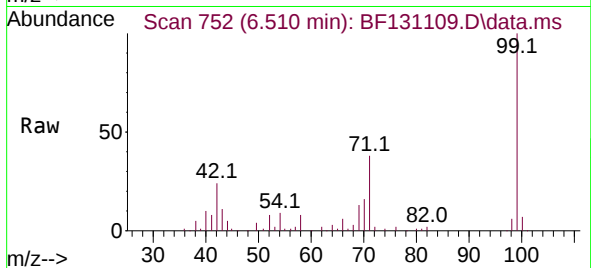




#7
Phenol-d6
Concen: 8.412 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

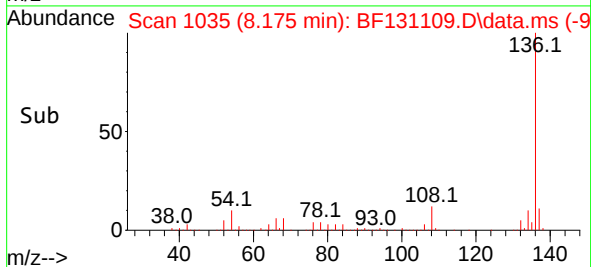
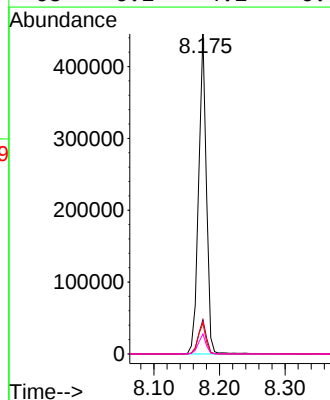
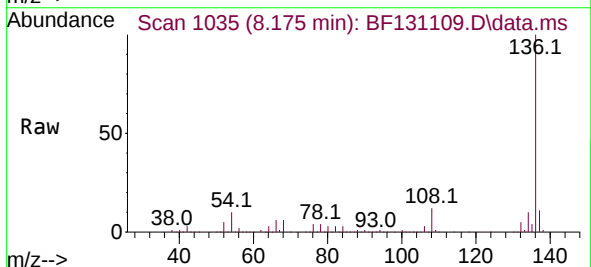
Instrument :
BNA_F
ClientSampleId :
SB-1DL

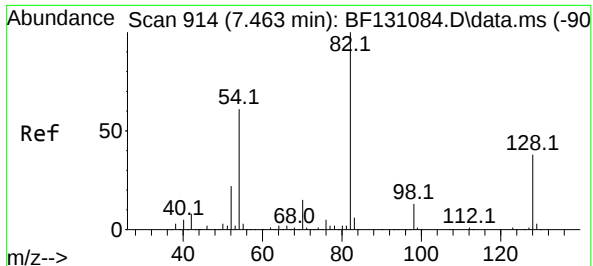
Tgt Ion: 99 Resp: 61949
Ion Ratio Lower Upper
99 100
42 23.7 20.8 31.2
71 38.0 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion: 136 Resp: 366330
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.6 7.2 10.8
68 6.2 4.2 6.4

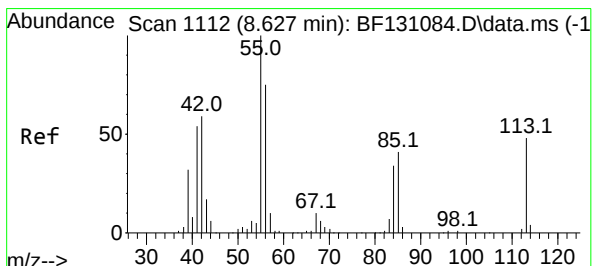
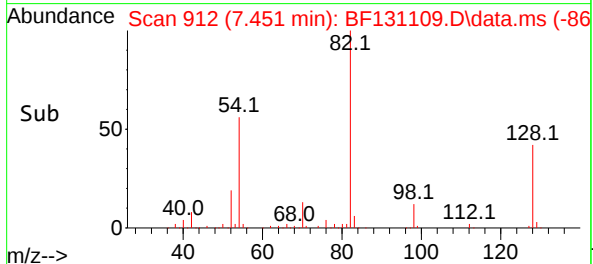
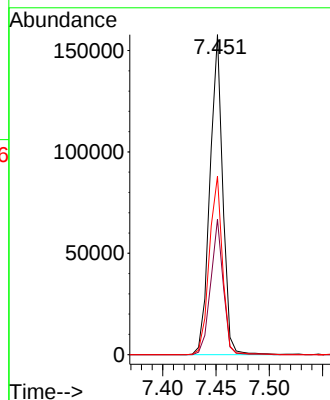
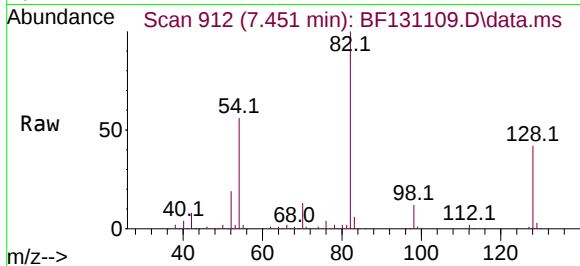




#23
Nitrobenzene-d5
Concen: 16.242 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

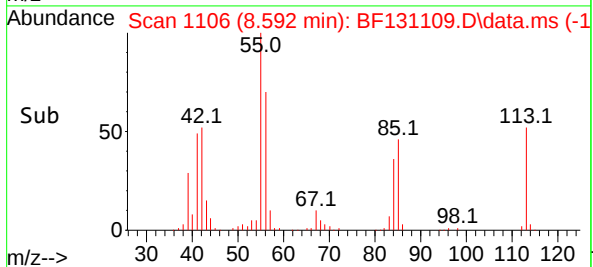
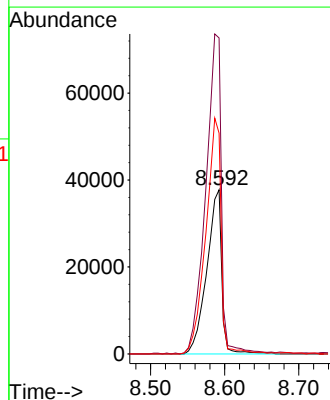
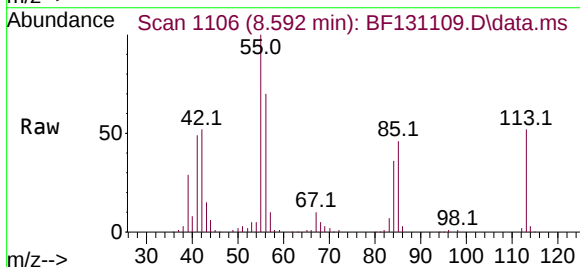
Instrument :
BNA_F
ClientSampleId :
SB-1DL

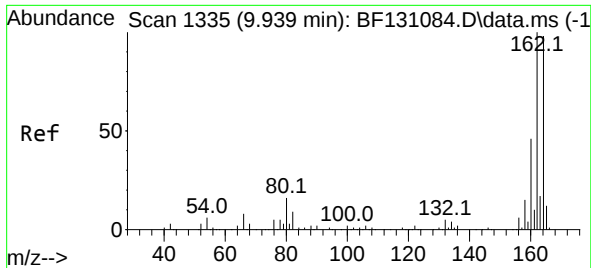
Tgt Ion: 82 Resp: 131872
Ion Ratio Lower Upper
82 100
128 42.3 30.5 45.7
54 55.7 49.1 73.7



#35
Caprolactam
Concen: 30.025 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.035 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion: 113 Resp: 52664
Ion Ratio Lower Upper
113 100
55 192.5 189.1 229.1
56 134.5 137.1 177.1#

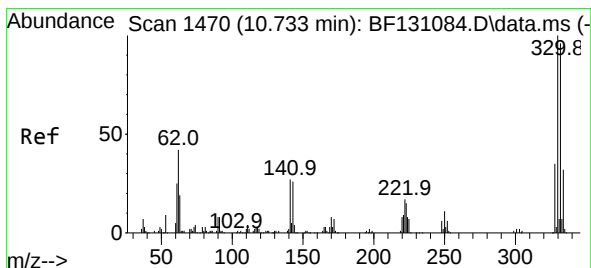
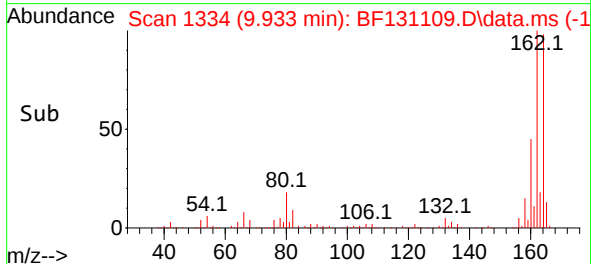
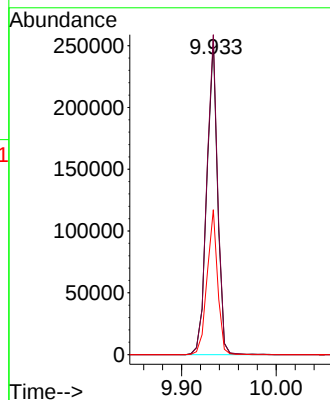
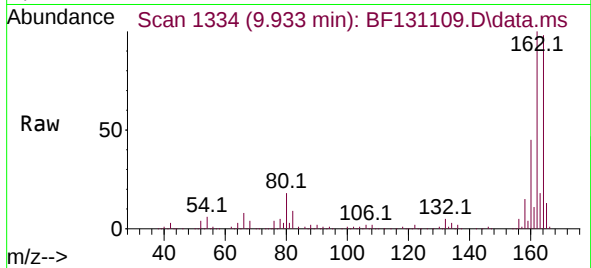




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

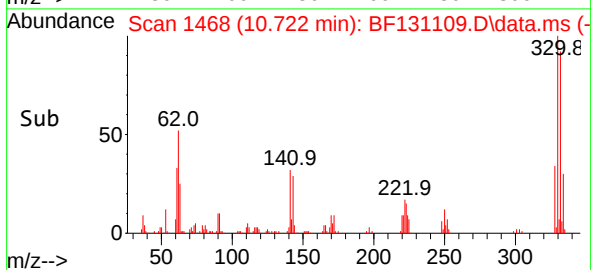
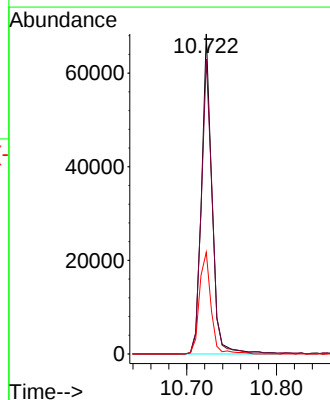
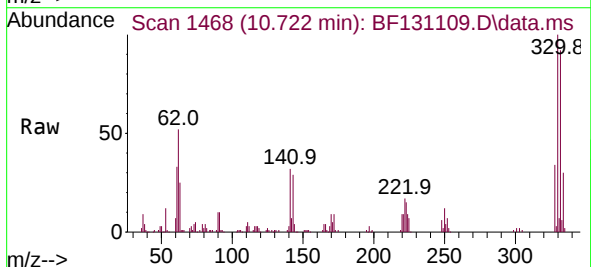
Instrument :
BNA_F
ClientSampleId :
SB-1DL

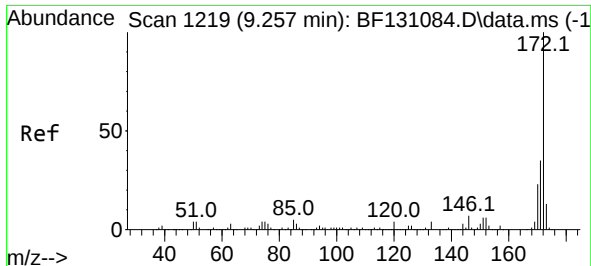
Tgt Ion:164 Resp: 200823
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 46.1 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 26.440 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:330 Resp: 54874
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 35.3 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 17.781 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131109.D

Acq: 10 Nov 2022 02:34

Instrument :

BNA_F

ClientSampleId :

SB-1DL

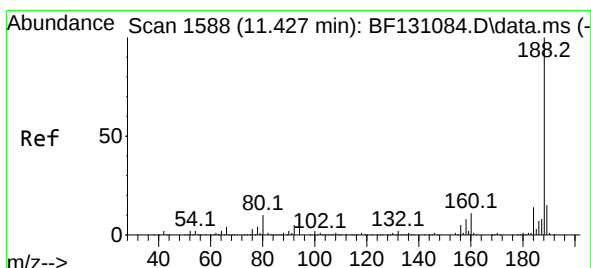
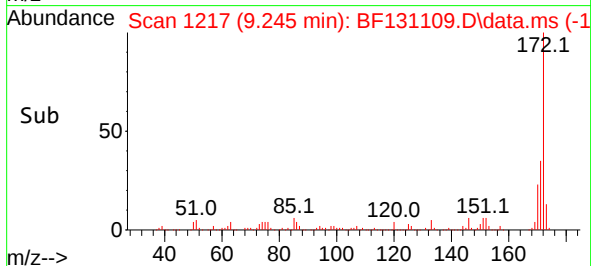
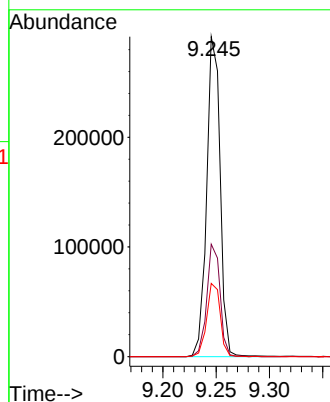
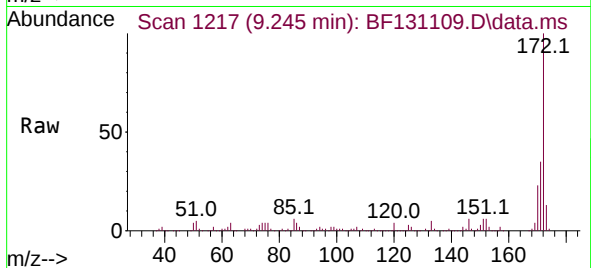
Tgt Ion:172 Resp: 255790

Ion Ratio Lower Upper

172 100

171 35.1 27.7 41.5

170 22.9 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.005 min

Lab File: BF131109.D

Acq: 10 Nov 2022 02:34

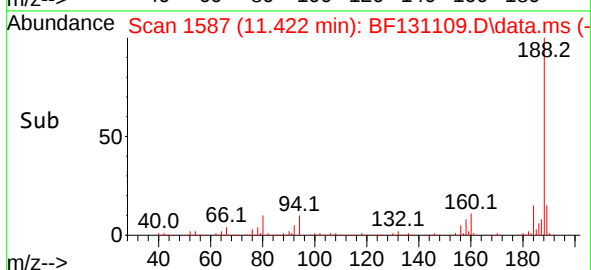
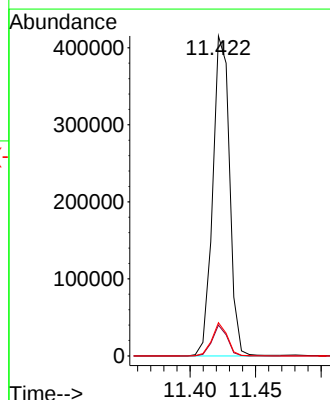
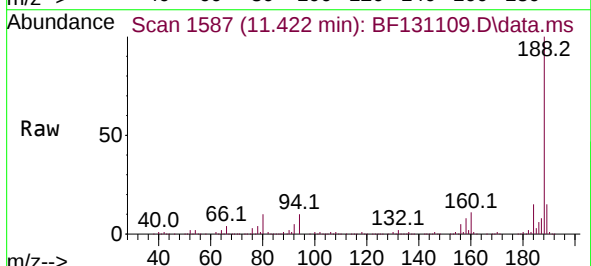
Tgt Ion:188 Resp: 370769

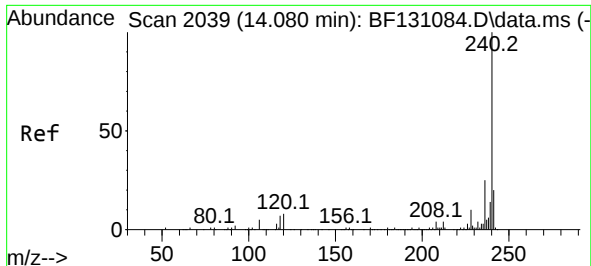
Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.4 7.9 11.9

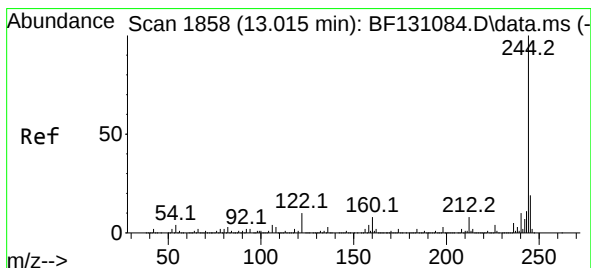
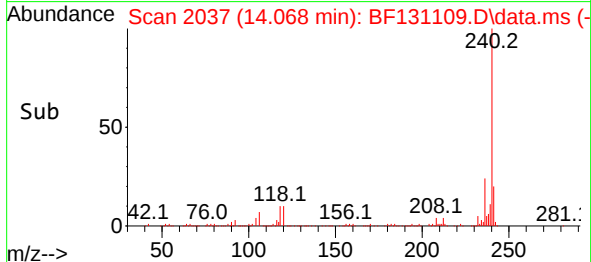
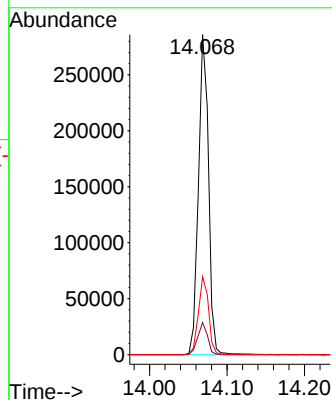
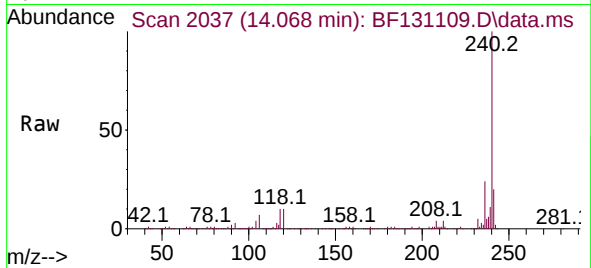




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

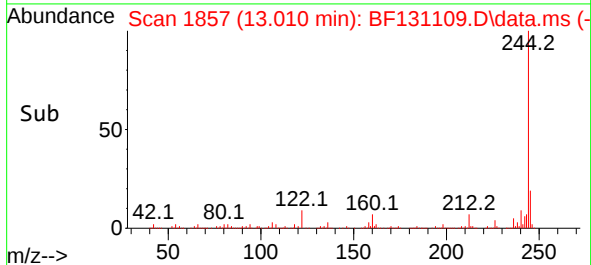
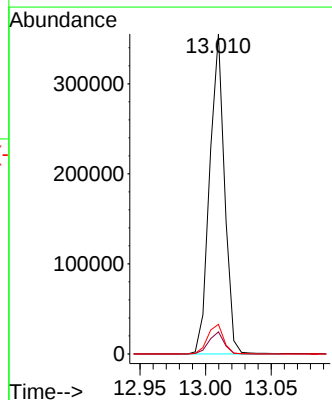
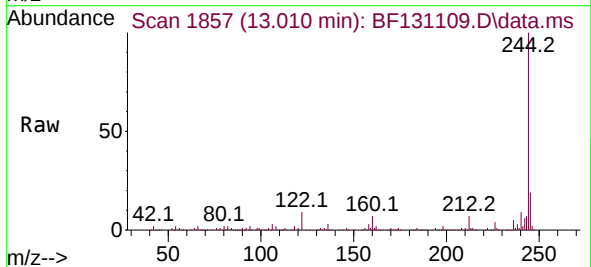
Instrument :
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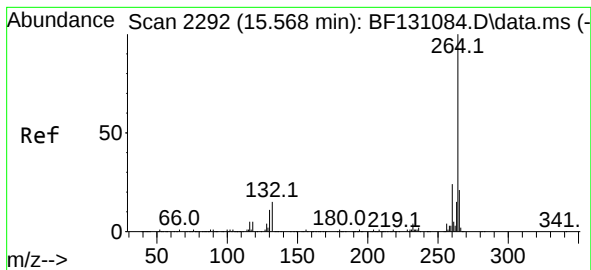
Tgt Ion:240 Resp: 257656
Ion Ratio Lower Upper
240 100
120 10.0 6.5 9.7#
236 24.3 19.7 29.5



#79
Terphenyl-d14
Concen: 19.107 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.005 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:244 Resp: 280788
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 9.2 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF131109.D

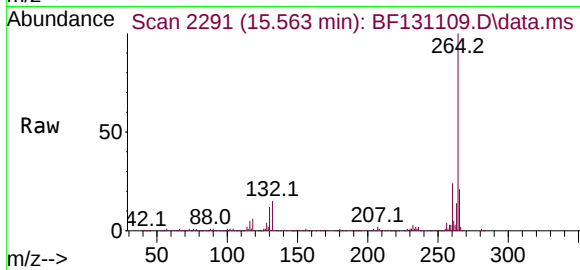
Acq: 10 Nov 2022 02:34

Instrument :

BNA_F

ClientSampleId :

SB-1DL



Tgt Ion:264 Resp: 223643

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.1 16.7 25.1

