

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131446.D
 Acq On : 29 Nov 2022 00:13
 Operator : CG\JU
 Sample : N5752-08 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-10D

Quant Time: Nov 29 01:01:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

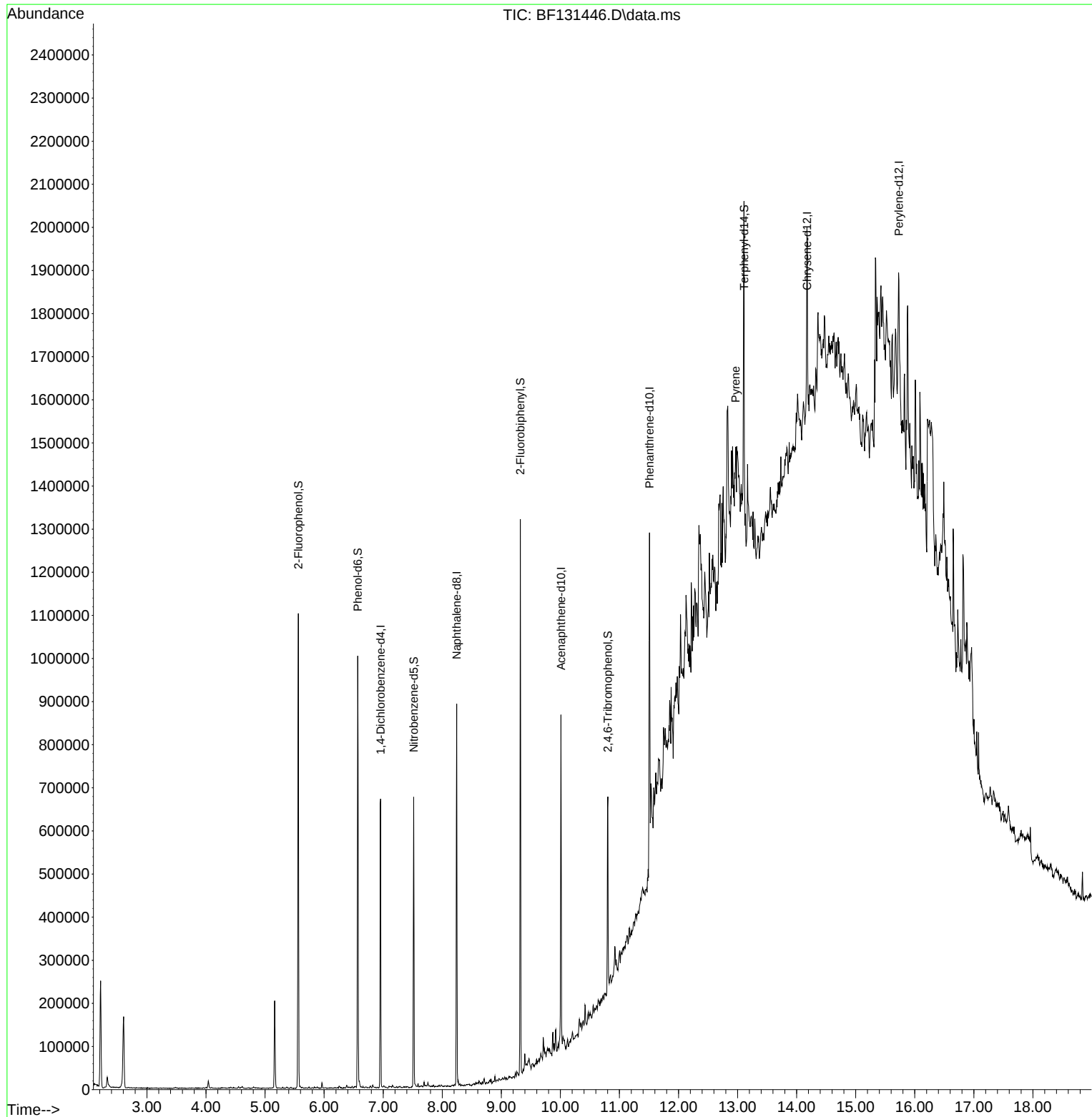
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	99338	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	334437	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	138493	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	244370	20.000	ng	0.00
76) Chrysene-d12	14.174	240	158416	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	155321	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	247894	47.494	ng	0.00
7) Phenol-d6	6.569	99	296903	44.584	ng	0.00
23) Nitrobenzene-d5	7.516	82	177599	26.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	49117	42.155	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	337439	35.447	ng	0.00
79) Terphenyl-d14	13.110	244	272897	28.170	ng	0.00
Target Compounds						
78) Pyrene	12.968	202	30523	2.184	ng	# 81

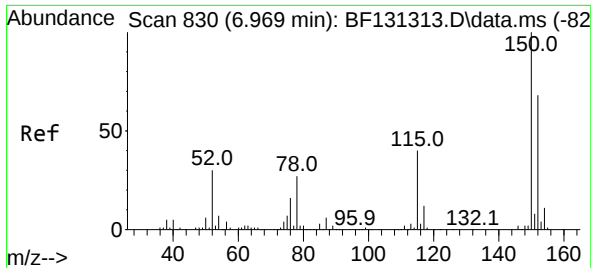
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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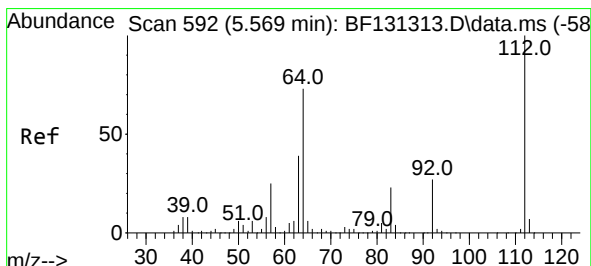
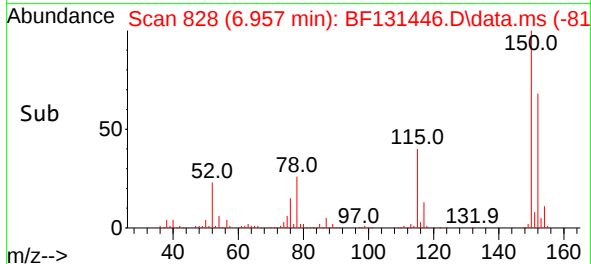
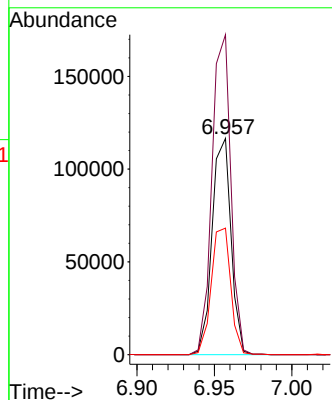
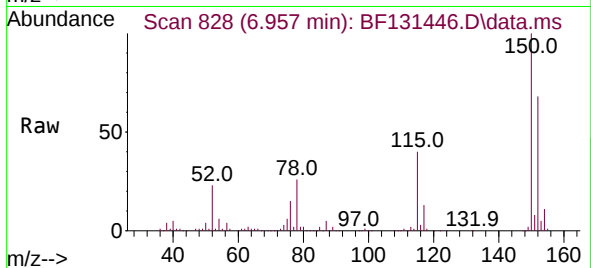




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

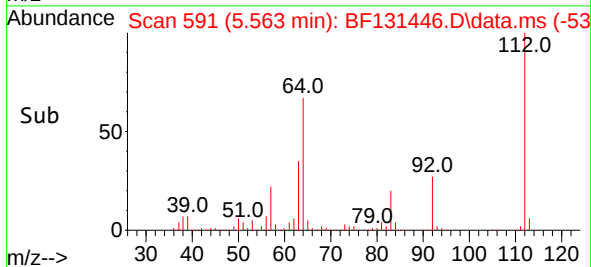
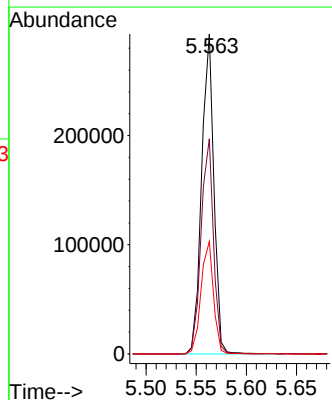
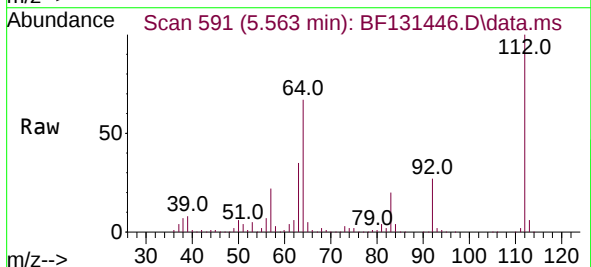
Instrument :
BNA_F
ClientSampleId :
B-10D

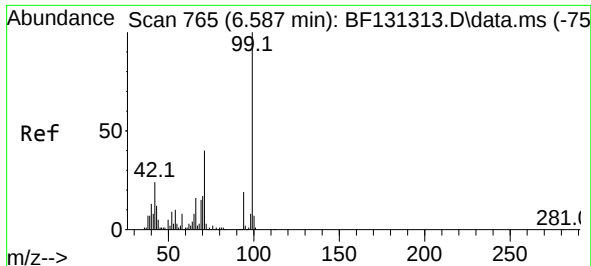
Tgt Ion:152 Resp: 99338
Ion Ratio Lower Upper
152 100
150 148.0 117.8 176.8
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 47.494 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:112 Resp: 247894
Ion Ratio Lower Upper
112 100
64 67.2 58.6 88.0
63 35.1 31.4 47.0





#7
Phenol-d6
Concen: 44.584 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

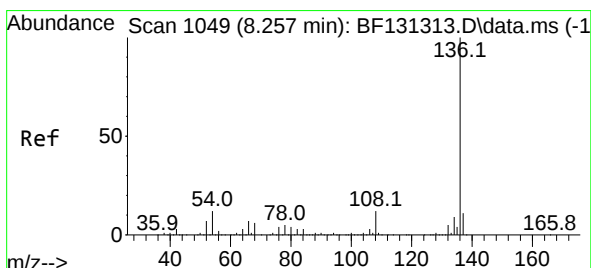
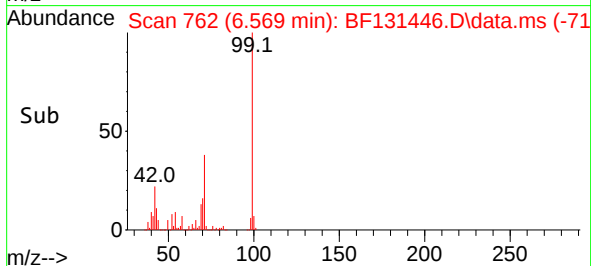
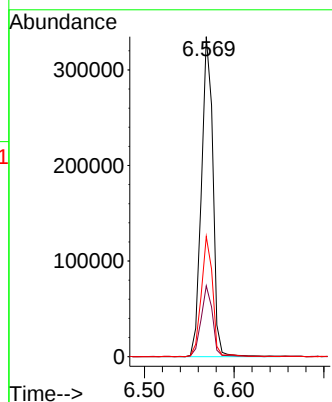
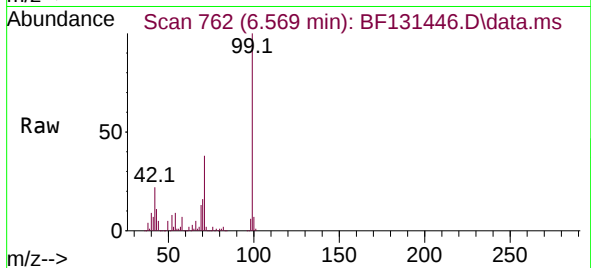
Instrument :

BNA_F

ClientSampleId :

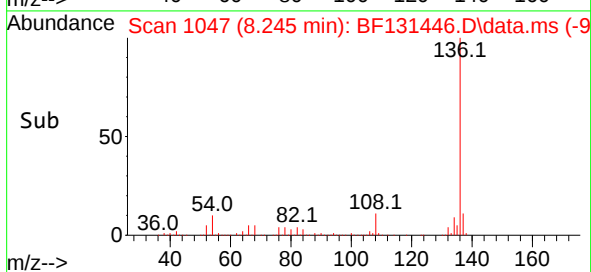
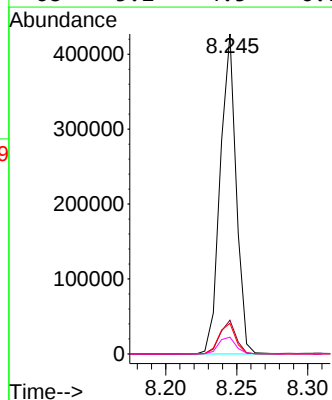
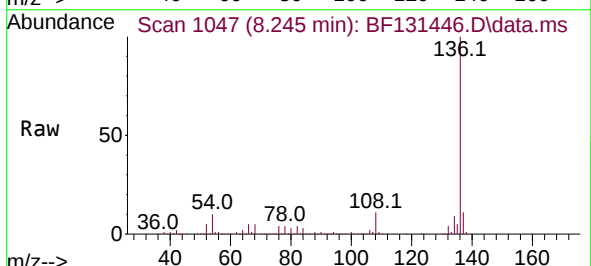
B-10D

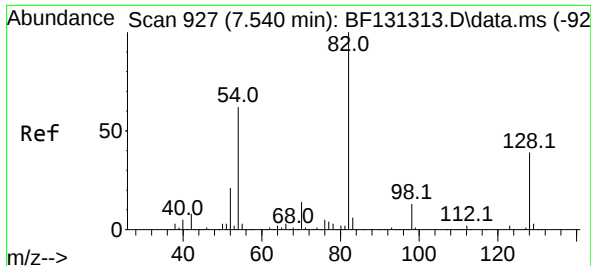
Tgt Ion: 99 Resp: 296903
Ion Ratio Lower Upper
99 100
42 22.1 19.4 29.2
71 37.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion: 136 Resp: 334437
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.5 9.4 14.0
68 5.2 4.5 6.7

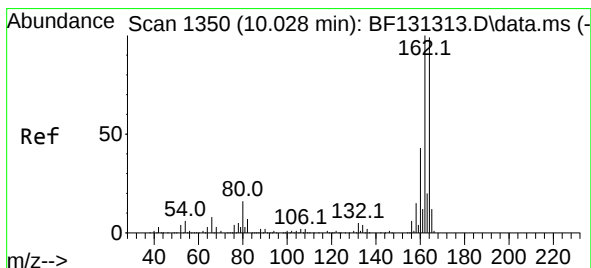
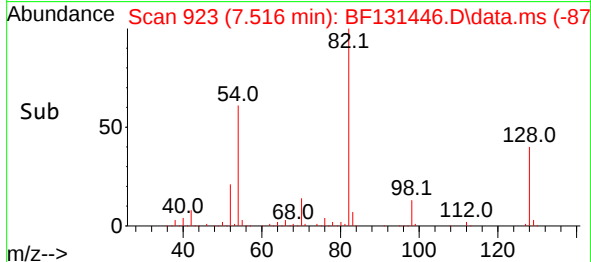
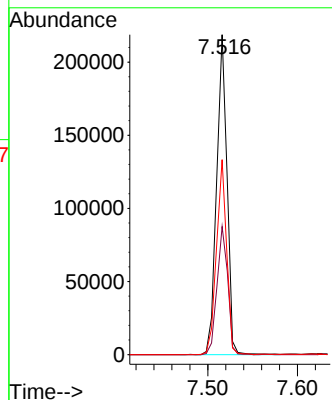
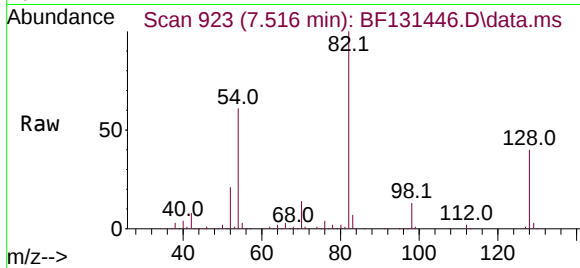




#23
Nitrobenzene-d5
Concen: 26.769 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

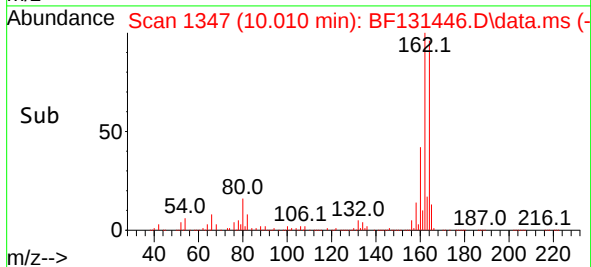
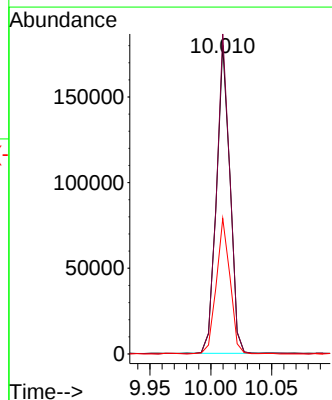
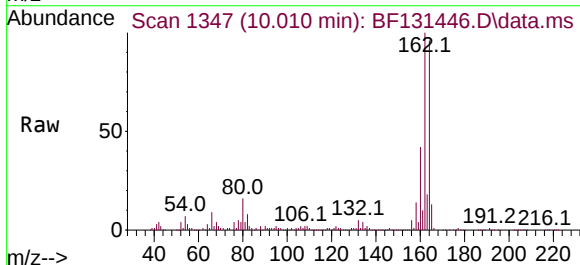
Instrument :
BNA_F
ClientSampleId :
B-10D

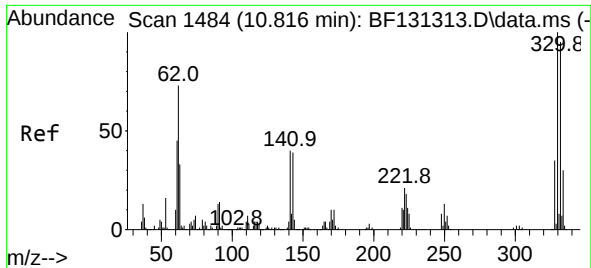
Tgt Ion: 82 Resp: 177599
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 60.9 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:164 Resp: 138493
Ion Ratio Lower Upper
164 100
162 103.7 80.6 120.8
160 43.9 34.4 51.6

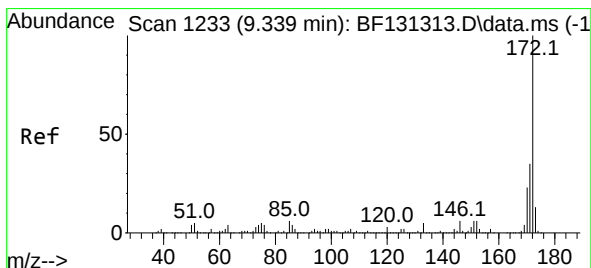
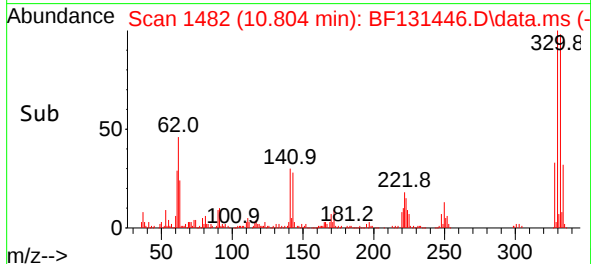
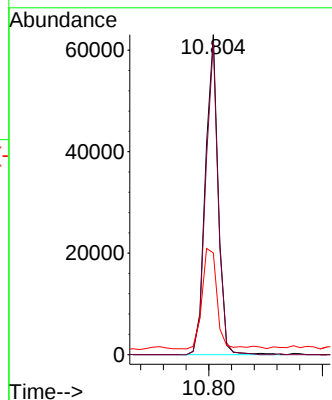
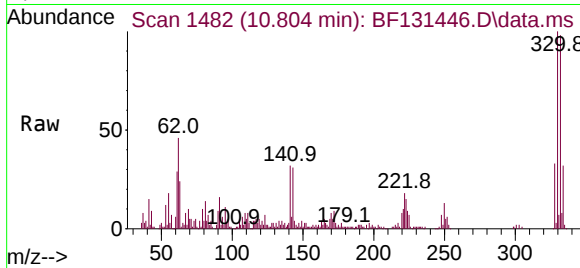




#42
2,4,6-Tribromophenol
Concen: 42.155 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

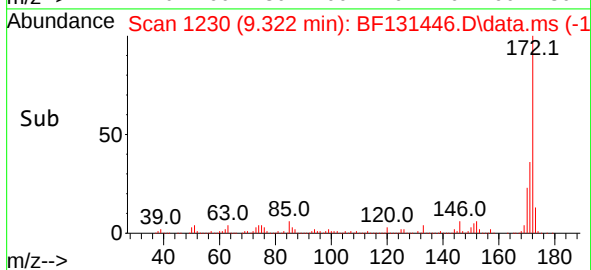
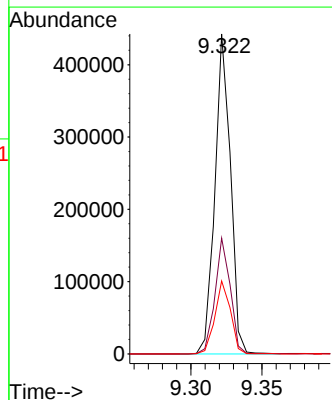
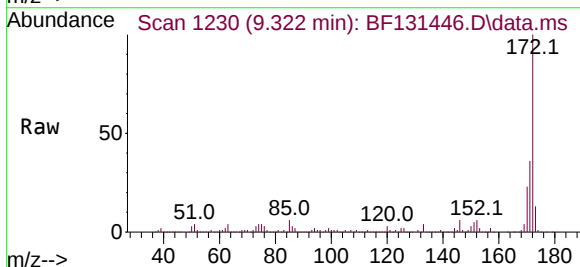
Instrument :
BNA_F
ClientSampleId :
B-10D

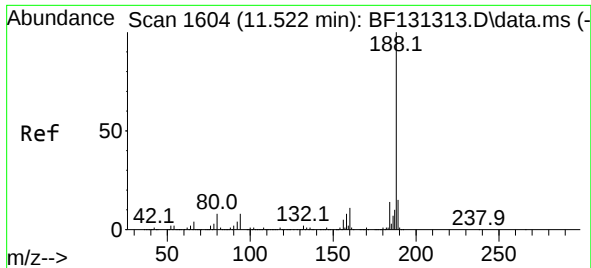
Tgt Ion:330 Resp: 49117
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 36.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 35.447 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:172 Resp: 337439
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 22.8 18.7 28.1

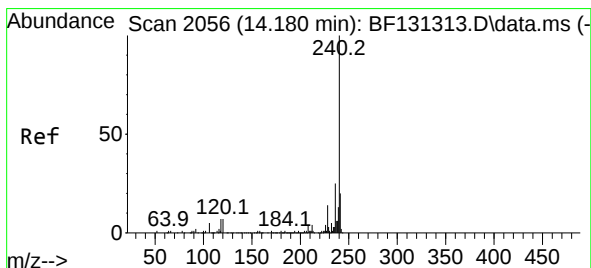
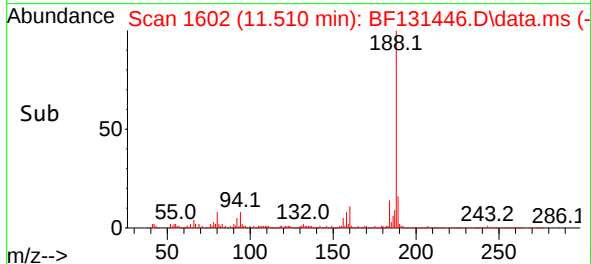
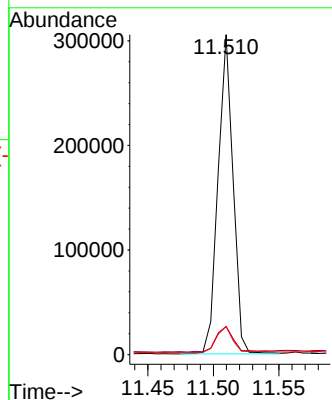
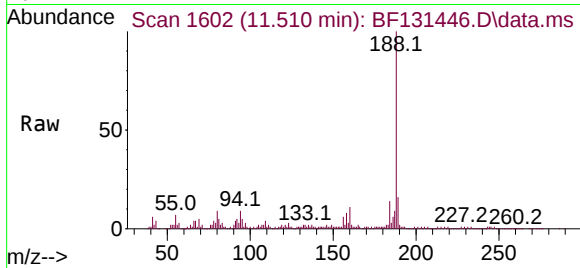




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

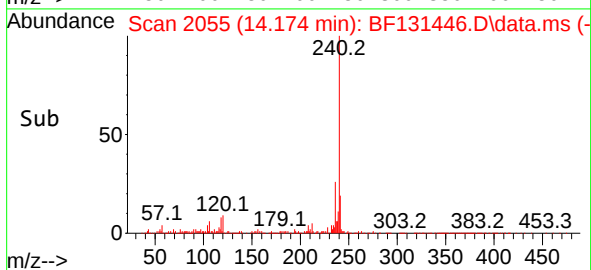
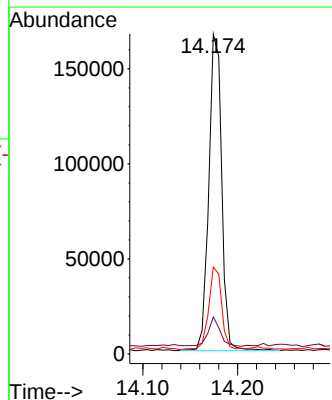
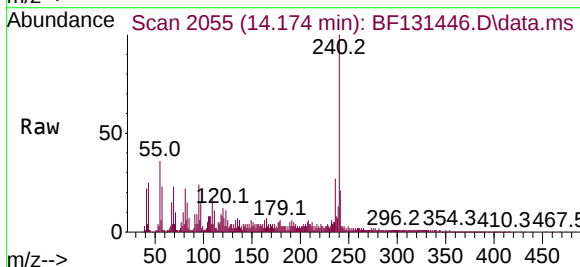
Instrument :
BNA_F
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B-10D

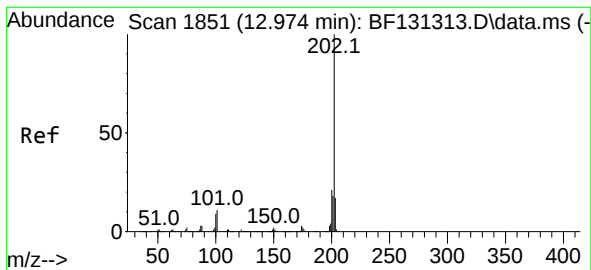
Tgt Ion:188 Resp: 244370
Ion Ratio Lower Upper
188 100
94 8.8 6.3 9.5
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:240 Resp: 158416
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 27.2 20.3 30.5





#78

Pyrene

Concen: 2.184 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.006 min

Lab File: BF131446.D

Acq: 29 Nov 2022 00:13

Instrument :

BNA_F

ClientSampleId :

B-10D

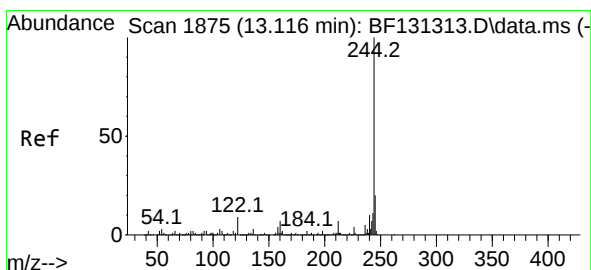
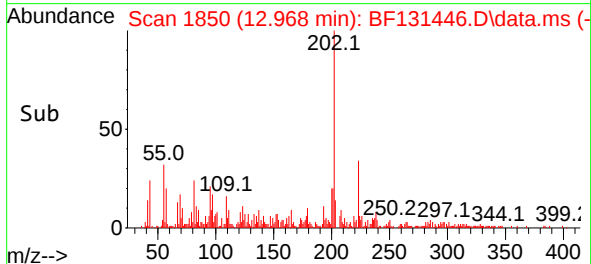
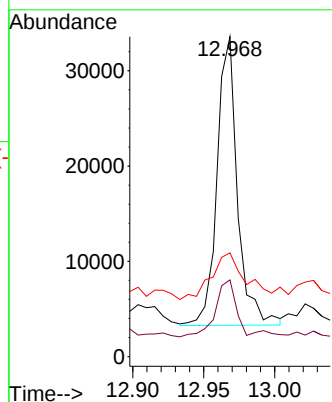
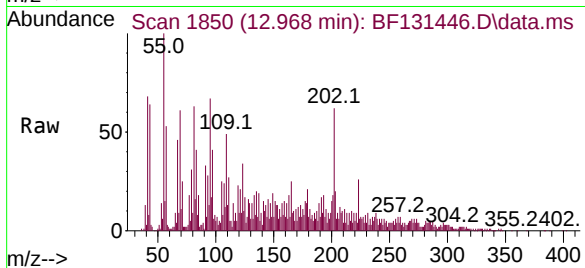
Tgt Ion:202 Resp: 30523

Ion Ratio Lower Upper

202 100

200 24.0 16.9 25.3

203 32.4 13.9 20.9#



#79

Terphenyl-d14

Concen: 28.170 ng

RT: 13.110 min Scan# 1874

Delta R.T. 0.006 min

Lab File: BF131446.D

Acq: 29 Nov 2022 00:13

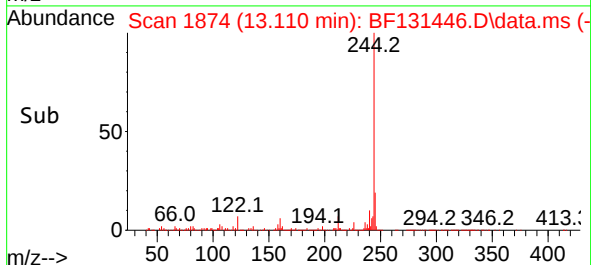
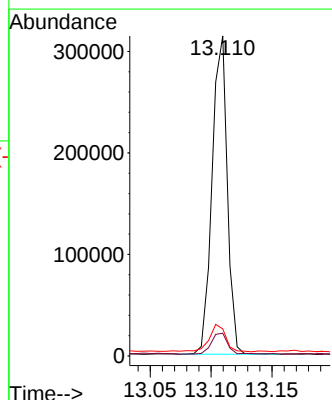
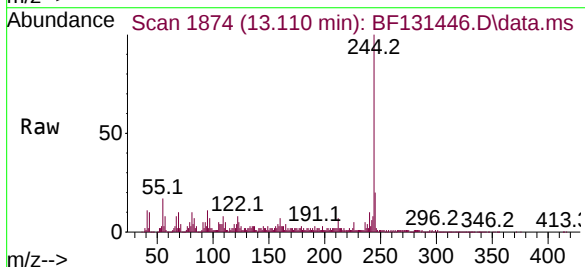
Tgt Ion:244 Resp: 272897

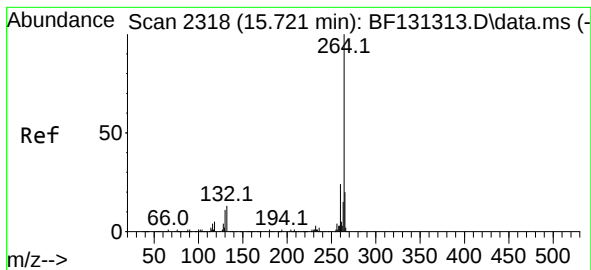
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.4 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 2318
 Delta R.T. 0.035 min
 Lab File: BF131446.D
 Acq: 29 Nov 2022 00:13

Instrument :
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Tgt Ion:264 Resp: 155321
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.0 28.4
 265 23.4 16.4 24.6

