

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131444.D
 Acq On : 28 Nov 2022 23:09
 Operator : CG\JU
 Sample : N5752-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-16S

Quant Time: Nov 29 05:06:08 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)

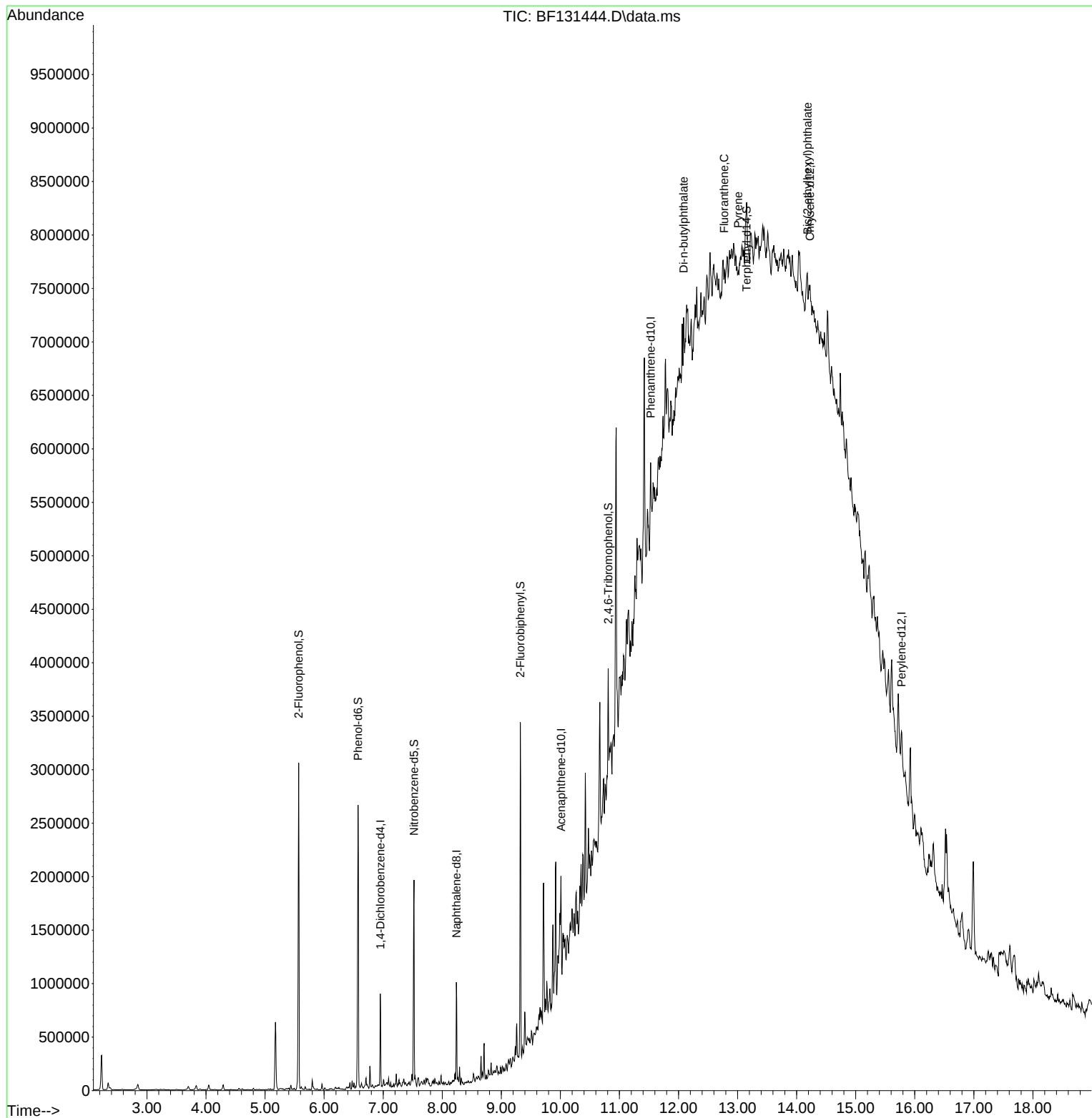
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	109692	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	362106	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	163516	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	166602	20.000	ng	# 0.02
76) Chrysene-d12	14.227	240	113973	20.000	ng	# 0.06
86) Perylene-d12	15.774	264	119182	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	794026	137.768	ng	0.01
7) Phenol-d6	6.575	99	974272	132.490	ng	0.00
23) Nitrobenzene-d5	7.522	82	596823	83.083	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	157928	114.801	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	978140	87.026	ng	0.00
79) Terphenyl-d14	13.151	244	492183	70.618	ng	0.05
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	12.086	149	54848	6.167	ng	# 40
75) Fluoranthene	12.774	202	25727	2.712	ng	# 3
78) Pyrene	13.010	202	43936	4.369	ng	# 45
84) Bis(2-ethylhexyl)phtha...	14.186	149	166082	37.853	ng	# 89

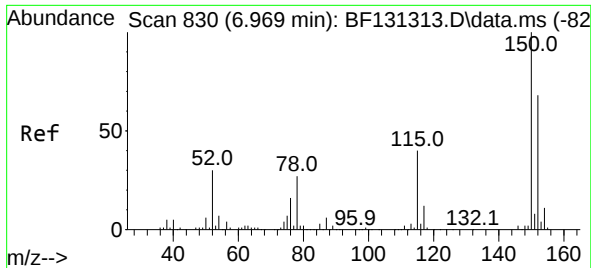
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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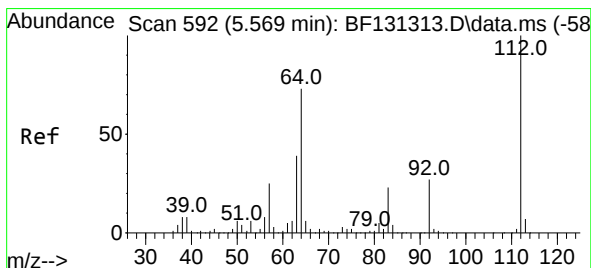
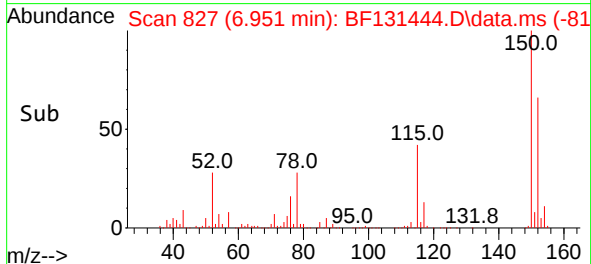
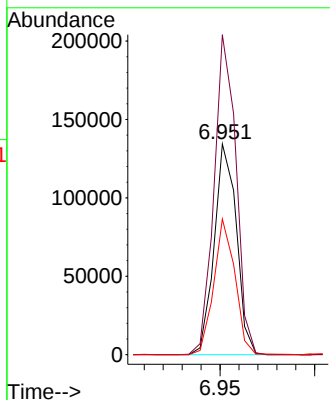
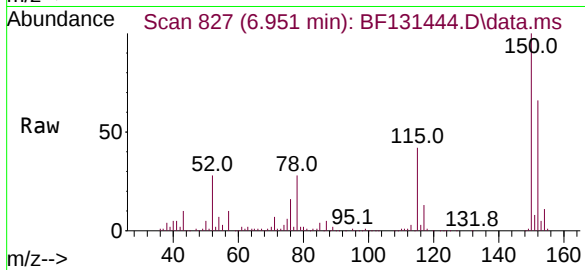




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

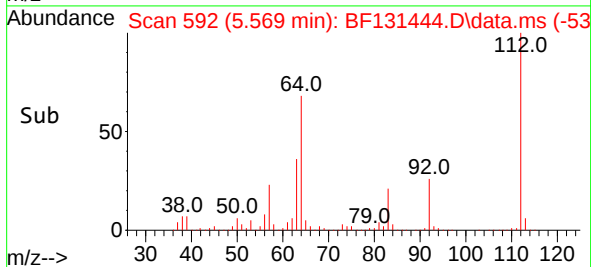
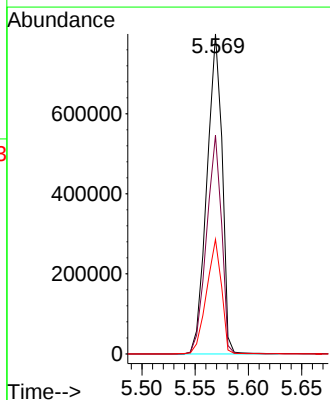
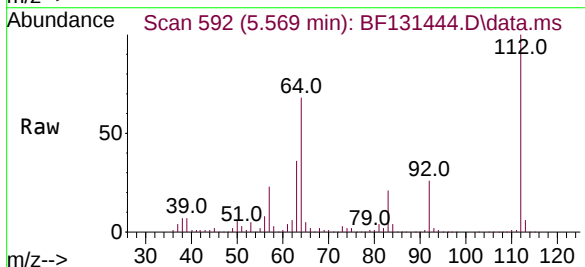
Instrument :
BNA_F
ClientSampleId :
B-16S

Tgt Ion:152 Resp: 109692
Ion Ratio Lower Upper
152 100
150 151.9 117.8 176.8
115 64.4 47.1 70.7



#5
2-Fluorophenol
Concen: 137.768 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

Tgt Ion:112 Resp: 794026
Ion Ratio Lower Upper
112 100
64 68.3 58.6 88.0
63 35.8 31.4 47.0

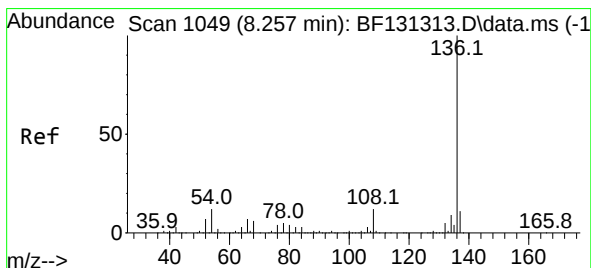
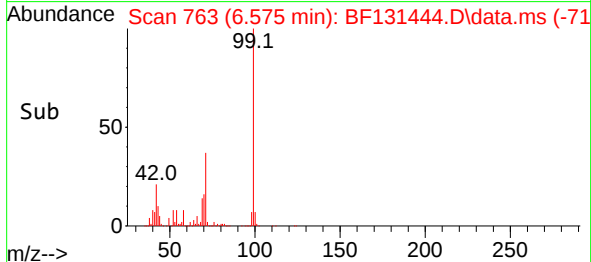
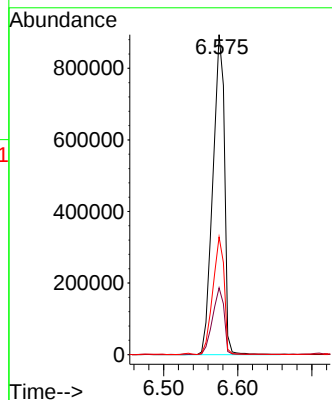
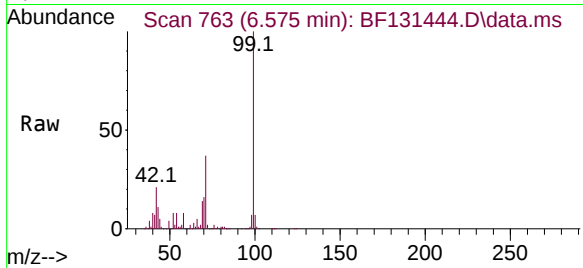




#7
Phenol-d6
Concen: 132.490 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

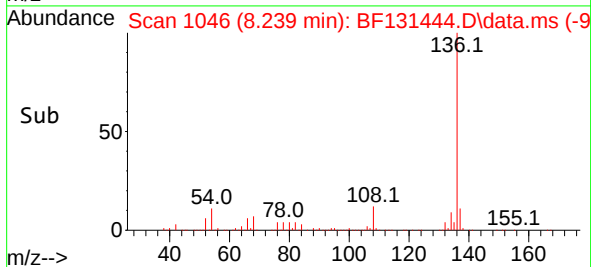
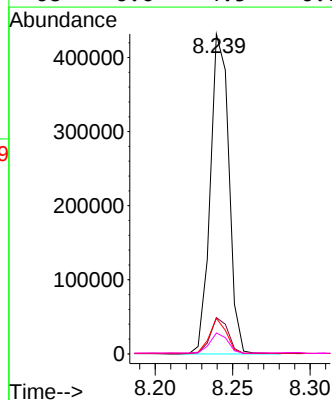
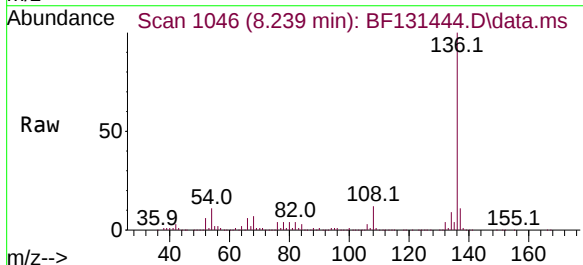
Instrument :
BNA_F
ClientSampleId :
B-16S

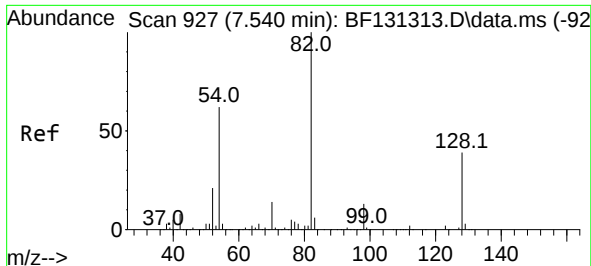
Tgt Ion: 99 Resp: 974272
Ion Ratio Lower Upper
99 100
42 20.9 19.4 29.2
71 36.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

Tgt Ion:136 Resp: 362106
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 11.1 9.4 14.0
68 6.6 4.5 6.7

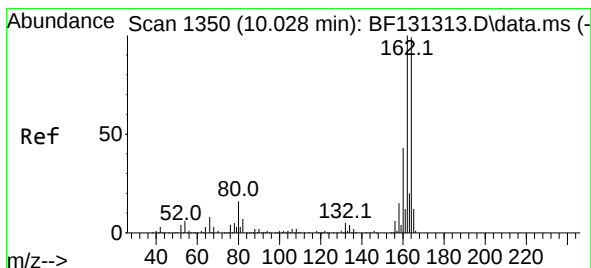
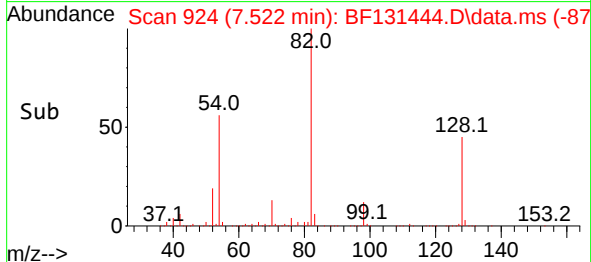
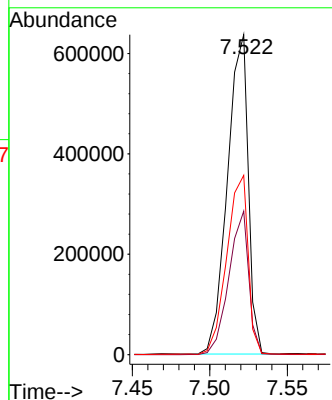
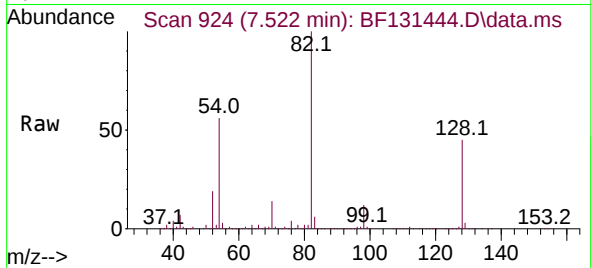




#23
Nitrobenzene-d5
Concen: 83.083 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

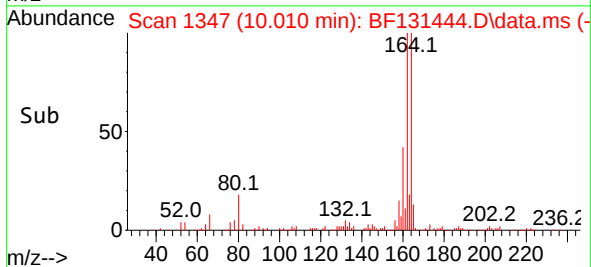
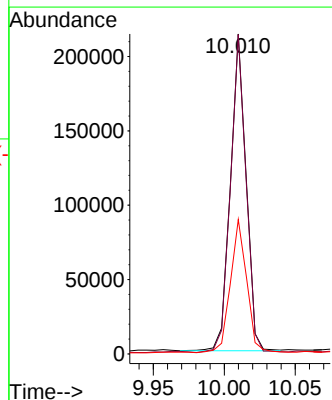
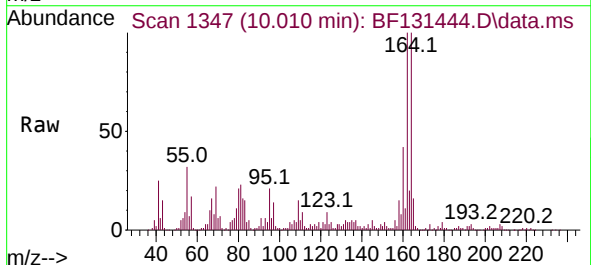
Instrument :
BNA_F
ClientSampleId :
B-16S

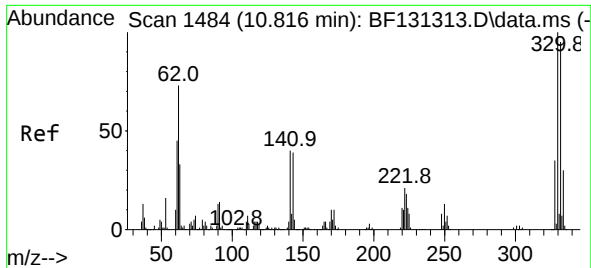
Tgt Ion: 82 Resp: 596823
Ion Ratio Lower Upper
82 100
128 44.8 31.4 47.0
54 56.0 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

Tgt Ion: 164 Resp: 163516
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 42.0 34.4 51.6

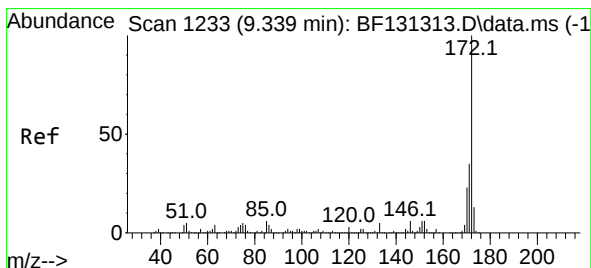
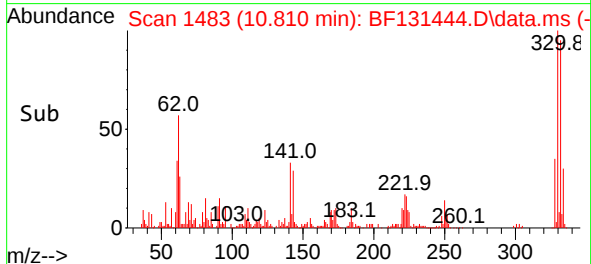
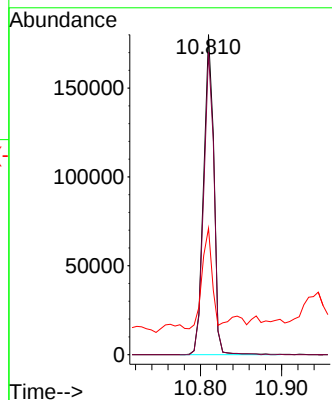
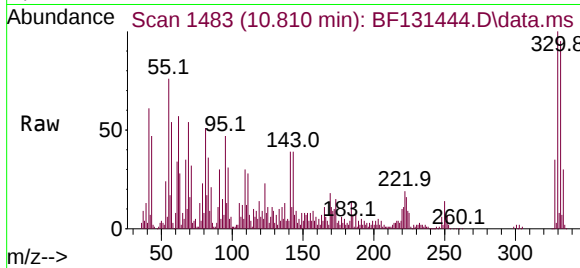




#42
2,4,6-Tribromophenol
Concen: 114.801 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

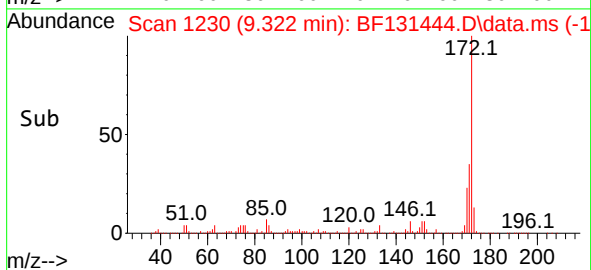
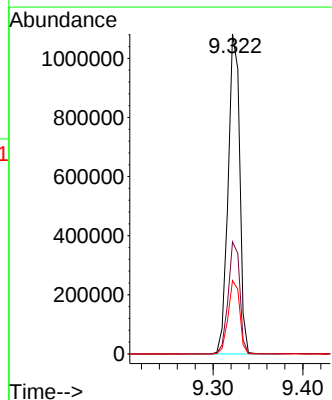
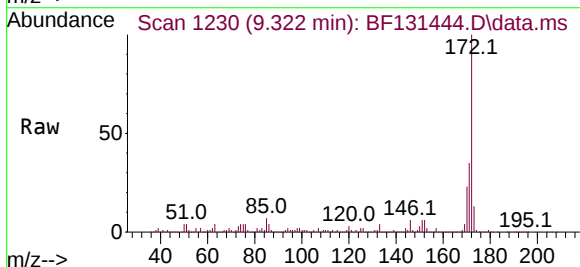
Instrument :
BNA_F
ClientSampleId :
B-16S

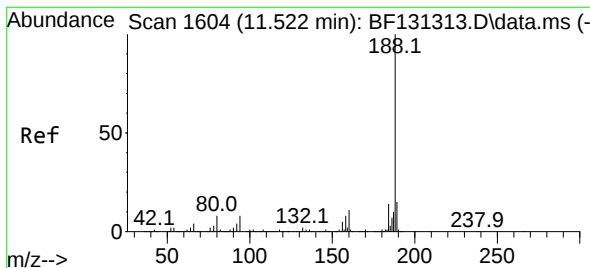
Tgt Ion:330 Resp: 157928
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 31.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 87.026 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

Tgt Ion:172 Resp: 978140
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 22.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF131444.D

Acq: 28 Nov 2022 23:09

Instrument :

BNA_F

ClientSampleId :

B-16S

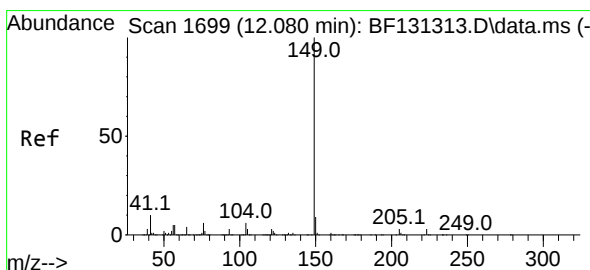
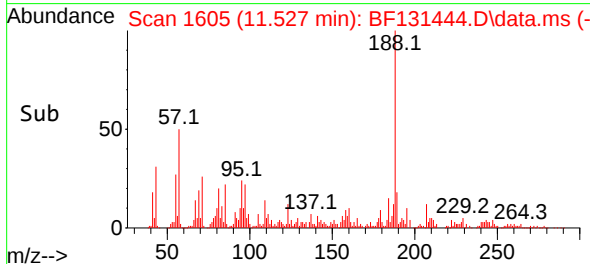
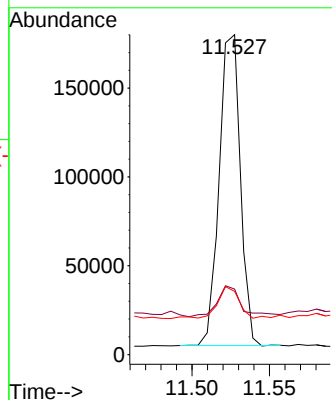
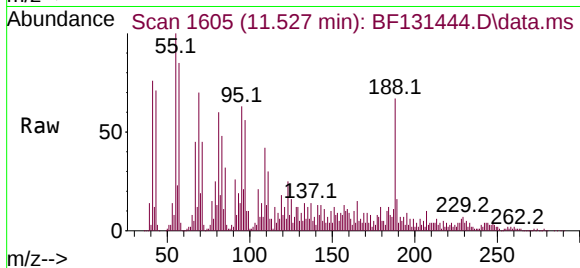
Tgt Ion:188 Resp: 166602

Ion Ratio Lower Upper

188 100

94 20.5 6.3 9.5#

80 19.8 6.8 10.2#



#74

Di-n-butylphthalate

Concen: 6.167 ng

RT: 12.086 min Scan# 1700

Delta R.T. 0.018 min

Lab File: BF131444.D

Acq: 28 Nov 2022 23:09

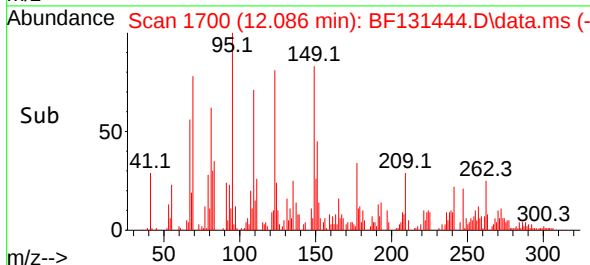
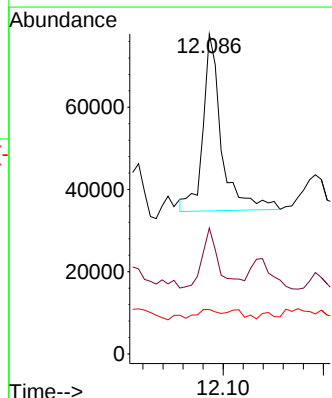
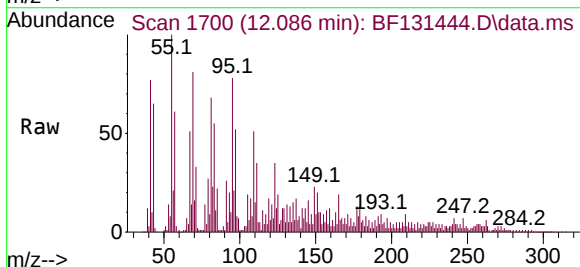
Tgt Ion:149 Resp: 54848

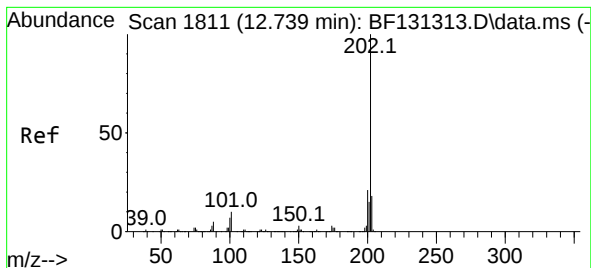
Ion Ratio Lower Upper

149 100

150 39.3 7.3 10.9#

104 13.9 4.7 7.1#





#75

Fluoranthene

Concen: 2.712 ng

RT: 12.774 min Scan# 1811

Delta R.T. 0.047 min

Lab File: BF131444.D

Acq: 28 Nov 2022 23:09

Instrument :

BNA_F

ClientSampleId :

B-16S

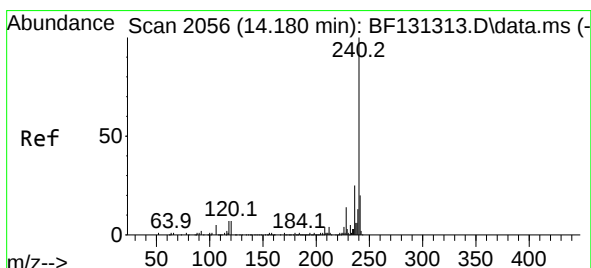
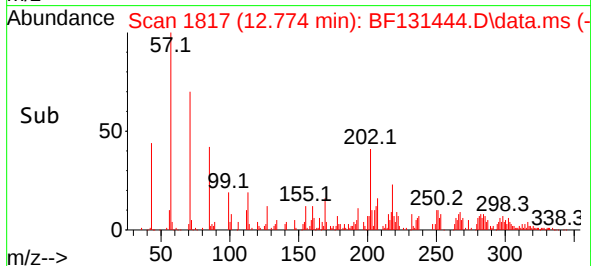
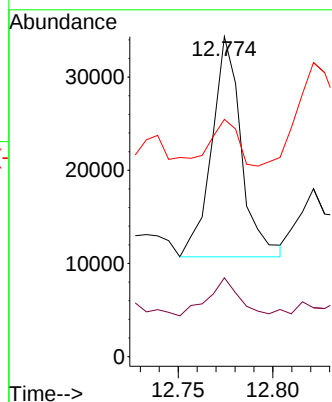
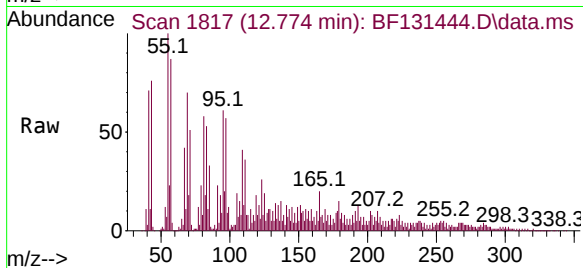
Tgt Ion:202 Resp: 25727

Ion Ratio Lower Upper

202 100

101 24.6 0.0 29.6

203 74.1 0.0 37.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.059 min

Lab File: BF131444.D

Acq: 28 Nov 2022 23:09

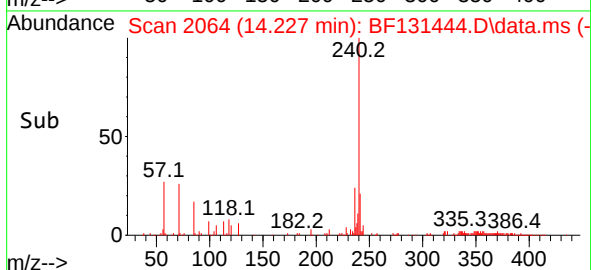
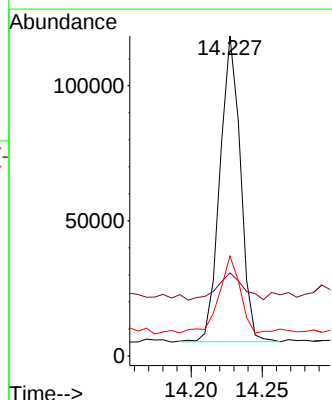
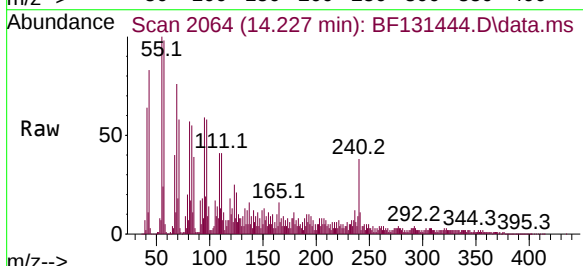
Tgt Ion:240 Resp: 113973

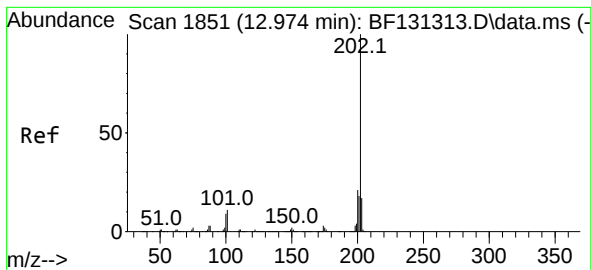
Ion Ratio Lower Upper

240 100

120 25.9 5.8 8.8#

236 31.2 20.3 30.5#





#78

Pyrene

Concen: 4.369 ng

RT: 13.010 min Scan# 1851

Delta R.T. 0.047 min

Lab File: BF131444.D

Acq: 28 Nov 2022 23:09

Instrument :

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B-16S

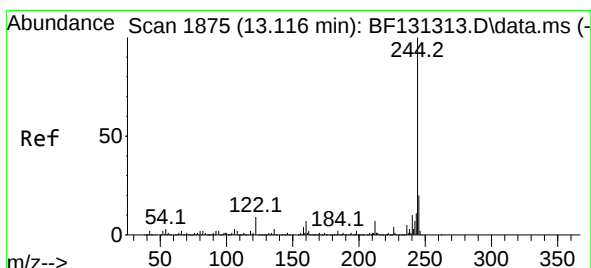
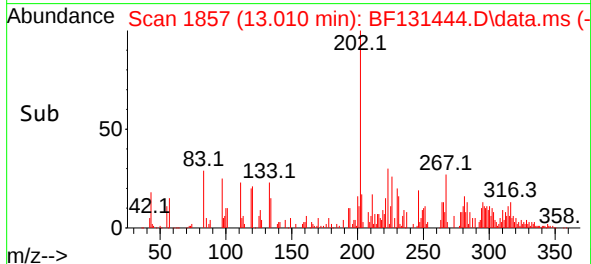
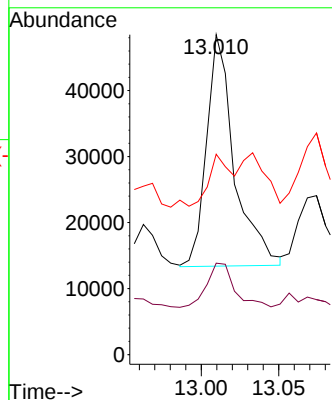
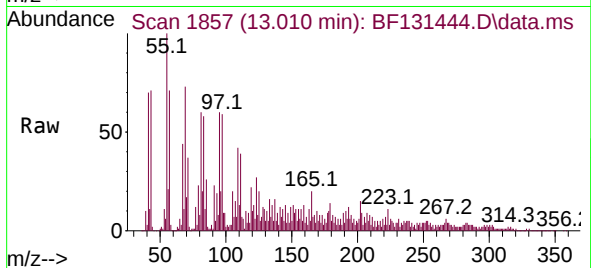
Tgt Ion:202 Resp: 43936

Ion Ratio Lower Upper

202 100

200 28.6 16.9 25.3#

203 62.6 13.9 20.9#



#79

Terphenyl-d14

Concen: 70.618 ng

RT: 13.151 min Scan# 1881

Delta R.T. 0.047 min

Lab File: BF131444.D

Acq: 28 Nov 2022 23:09

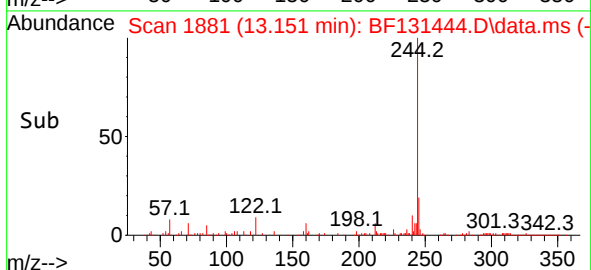
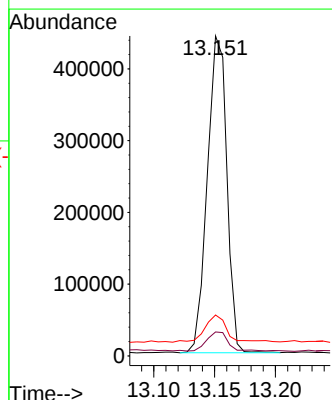
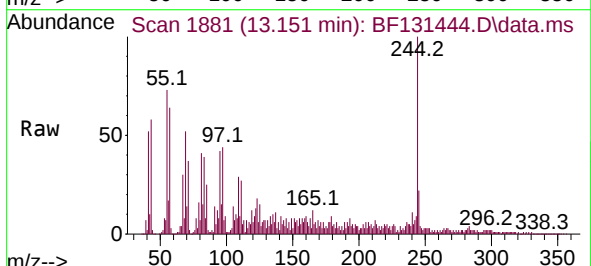
Tgt Ion:244 Resp: 492183

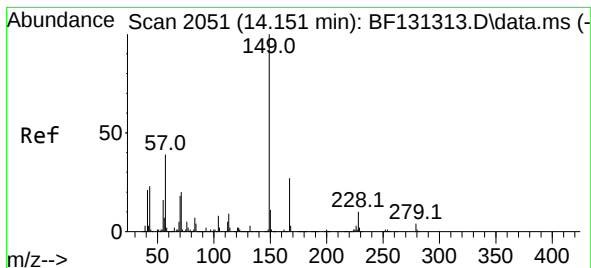
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 12.8 7.5 11.3#

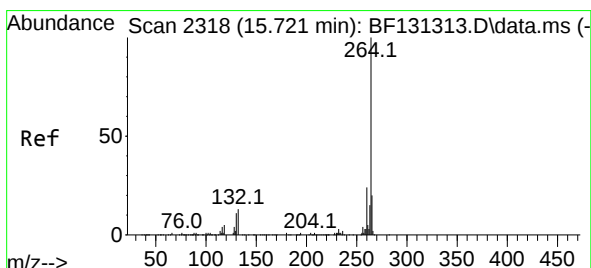
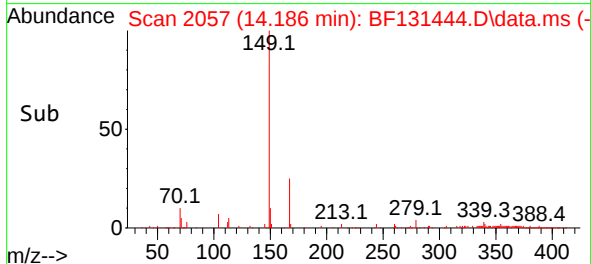
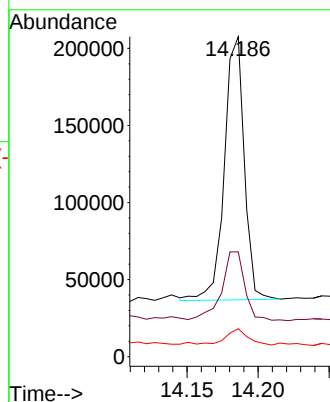
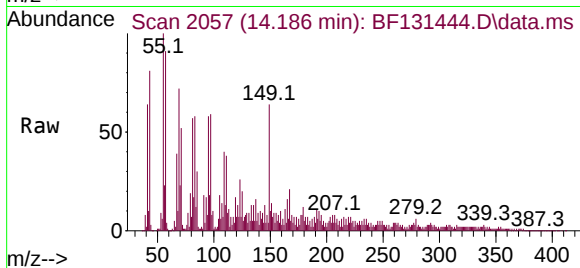




#84
Bis(2-ethylhexyl)phthalate
Concen: 37.853 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.047 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

Instrument :
BNA_F
ClientSampleId :
B-16S

Tgt Ion:149 Resp: 166082
Ion Ratio Lower Upper
149 100
167 32.7 21.9 32.9
279 8.7 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.774 min Scan# 2327
Delta R.T. 0.076 min
Lab File: BF131444.D
Acq: 28 Nov 2022 23:09

Tgt Ion:264 Resp: 119182
Ion Ratio Lower Upper
264 100
260 26.2 19.0 28.4
265 24.3 16.4 24.6

