

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130996.D
 Acq On : 04 Nov 2022 18:04
 Operator : CG\JU
 Sample : N5435-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PTS-CON-1103

Quant Time: Nov 05 00:38:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

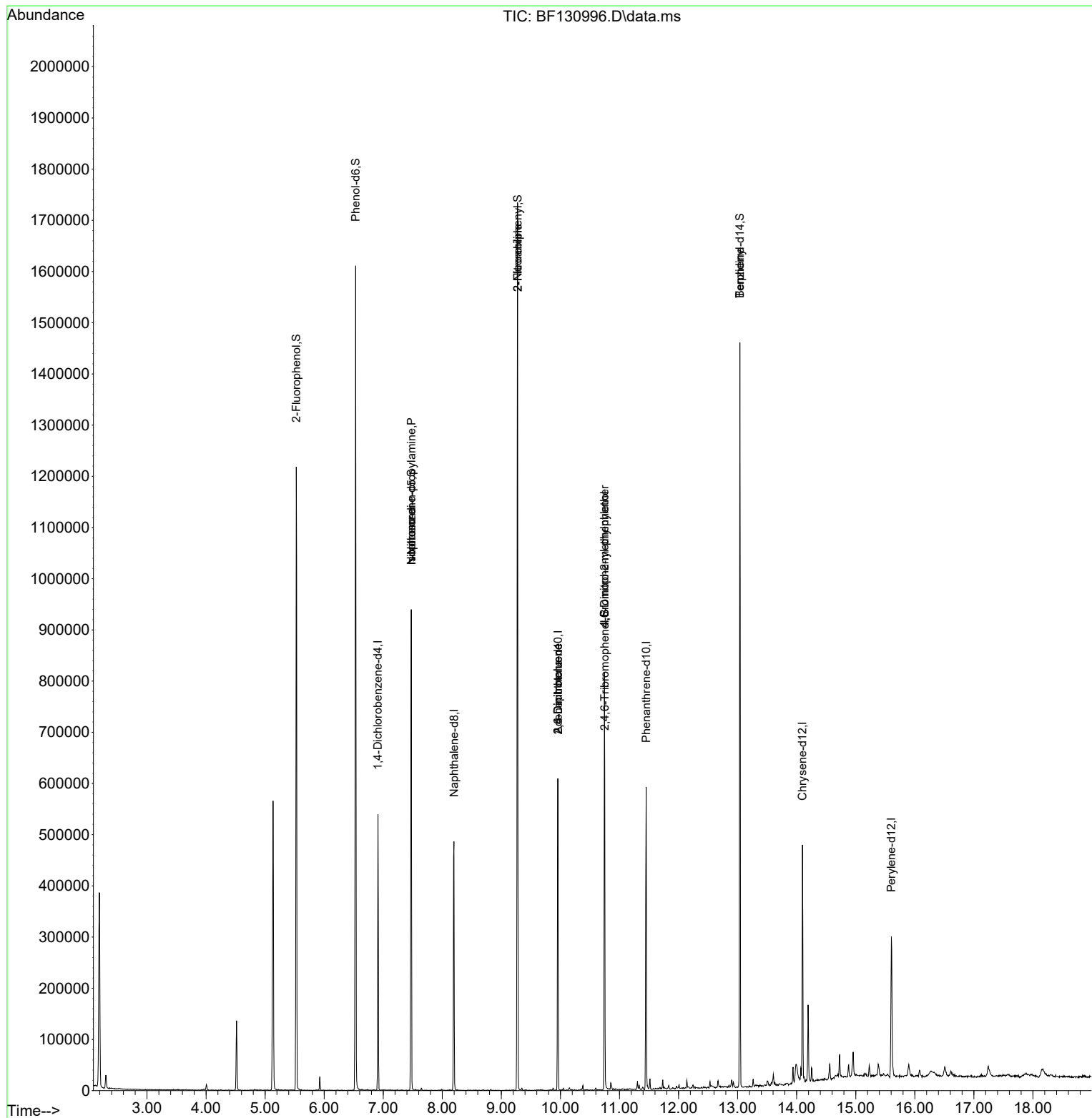
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	66943	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	210312	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	112217	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	192205	20.000	ng	0.00
76) Chrysene-d12	14.098	240	144584	20.000	ng	0.00
86) Perylene-d12	15.604	264	124757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	286111	74.094	ng	0.00
7) Phenol-d6	6.534	99	470383	93.739	ng	0.00
23) Nitrobenzene-d5	7.475	82	268202	76.897	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	83038	87.904	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	477613	64.348	ng	0.00
79) Terphenyl-d14	13.039	244	449650	56.989	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	37627	11.021	ng	# 80
25) Isophorone	7.475	82	268200	37.290	ng	# 66
48) 2-Nitroaniline	9.275	65	1176	4.668	ng	# 15
51) 2,6-Dinitrotoluene	9.957	165	13674	11.579	ng	# 15
57) 2,4-Dinitrotoluene	9.957	165	13674	10.561	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.745	198	216	8.153	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	5544	2.868	ng	# 1
77) Benzidine	13.039	184	7173	2.044	ng	# 90

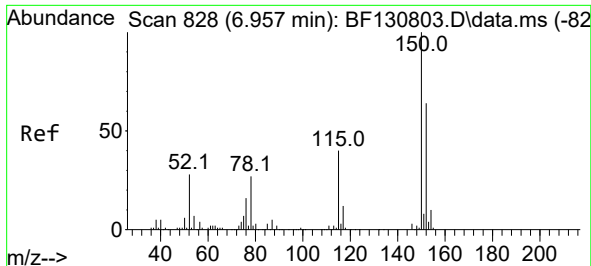
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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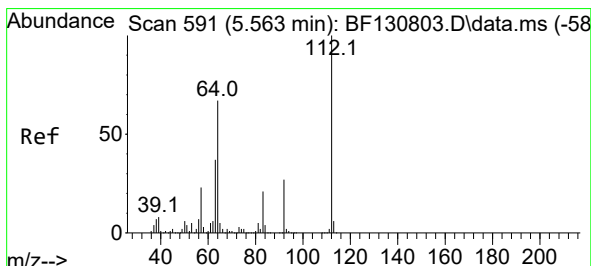
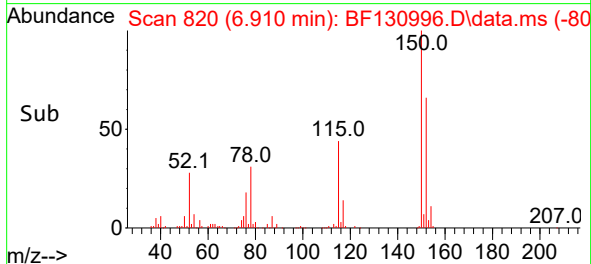
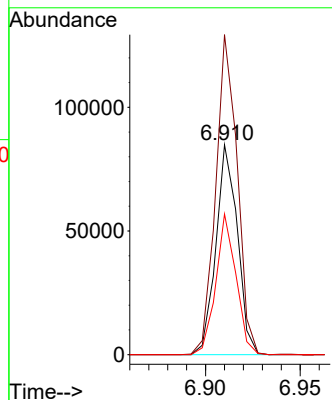
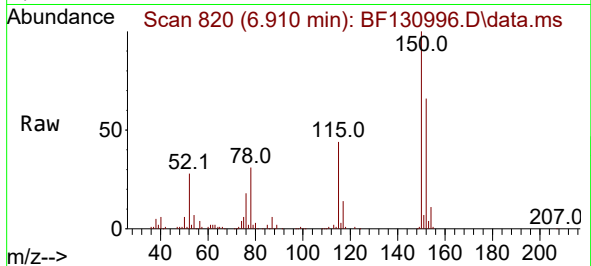




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

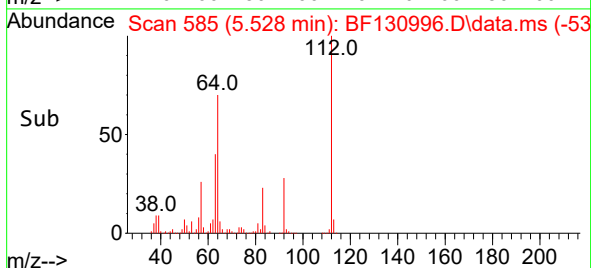
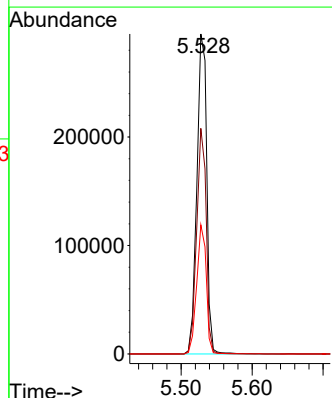
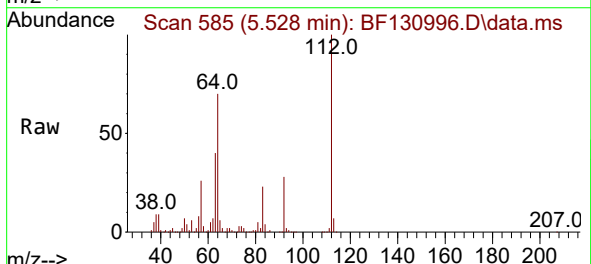
Instrument :
BNA_F
ClientSampleId :
PTS-CON-1103

Tgt Ion:152 Resp: 66943
Ion Ratio Lower Upper
152 100
150 152.5 124.1 186.1
115 67.0 50.1 75.1



#5
2-Fluorophenol
Concen: 74.094 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion:112 Resp: 286111
Ion Ratio Lower Upper
112 100
64 70.5 53.9 80.9
63 40.4 29.4 44.2

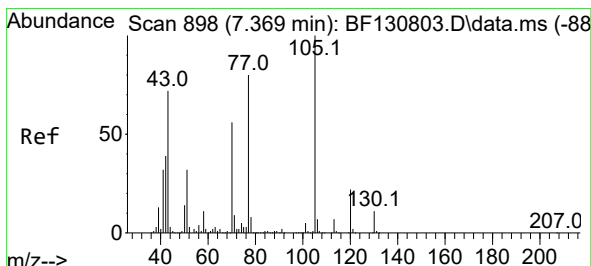
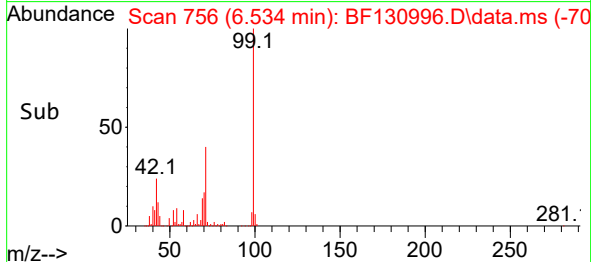
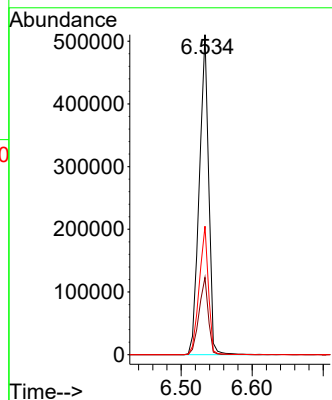
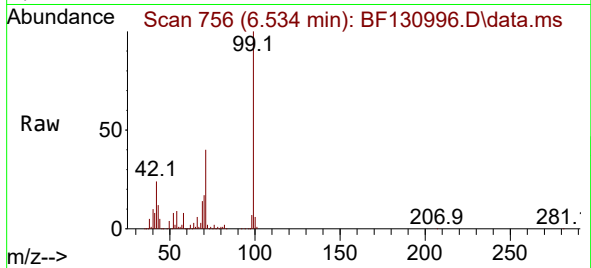




#7
Phenol-d6
Concen: 93.739 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

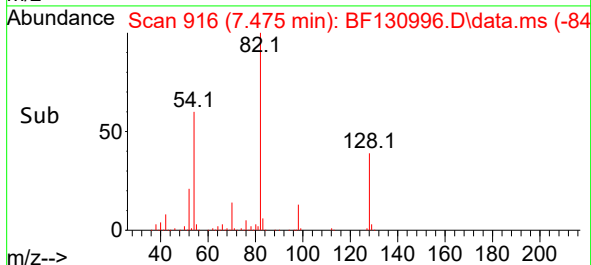
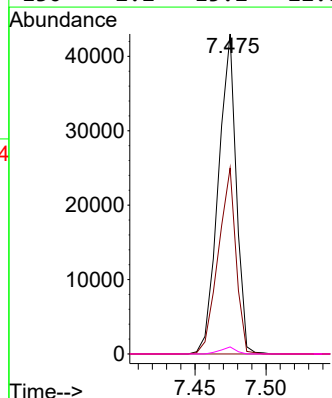
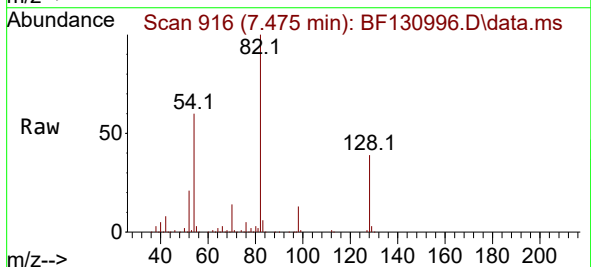
Instrument :
BNA_F
ClientSampleId :
PTS-CON-1103

Tgt Ion: 99 Resp: 470383
Ion Ratio Lower Upper
99 100
42 24.2 18.8 28.2
71 40.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.021 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion: 70 Resp: 37627
Ion Ratio Lower Upper
70 100
42 58.1 56.1 84.1
101 0.0 7.3 10.9#
130 2.2 15.2 22.8#

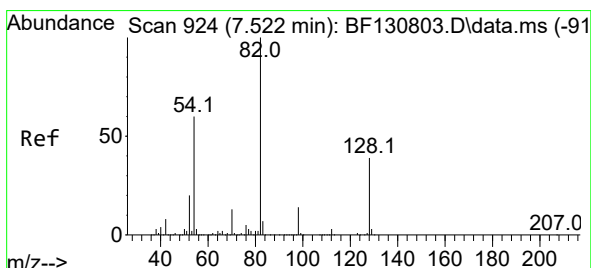
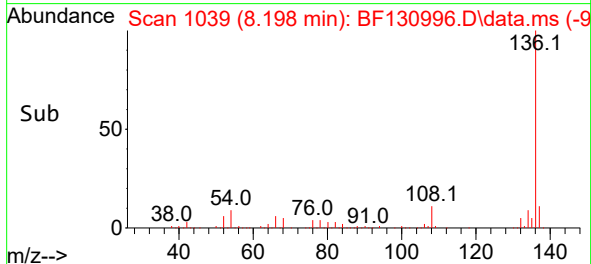
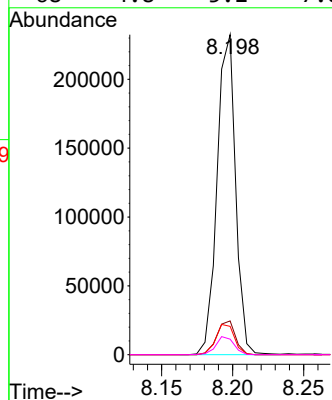
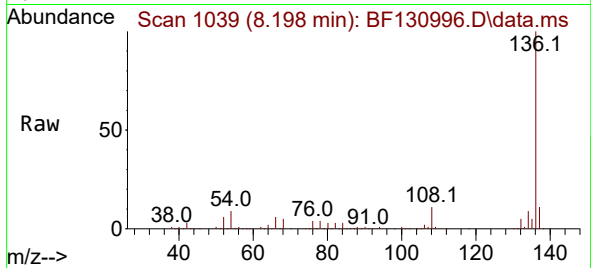




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

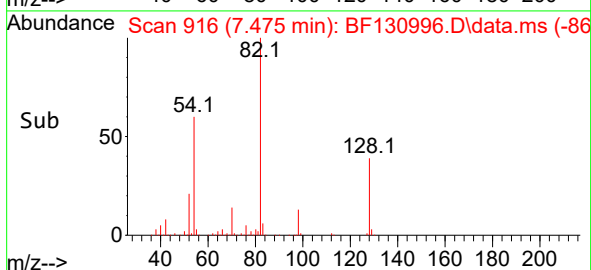
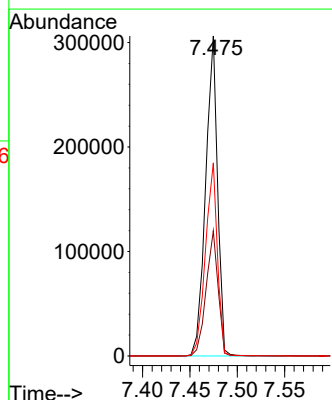
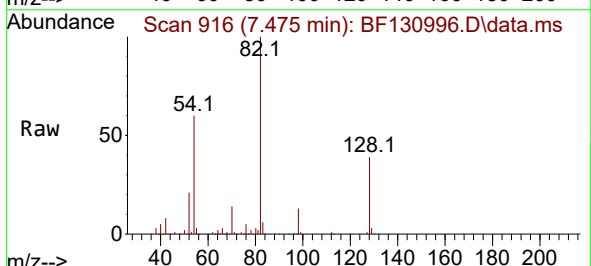
Instrument :
BNA_F
ClientSampleId :
PTS-CON-1103

Tgt Ion:136 Resp: 210312
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.9 8.8 13.2
68 4.8 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 76.897 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion: 82 Resp: 268202
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 60.4 48.0 72.0

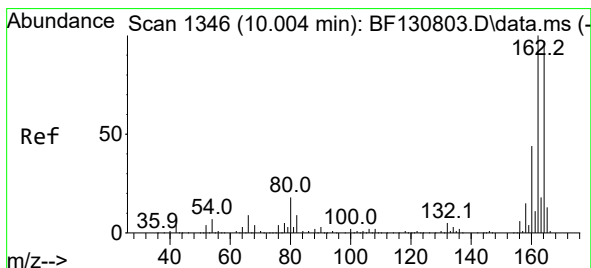
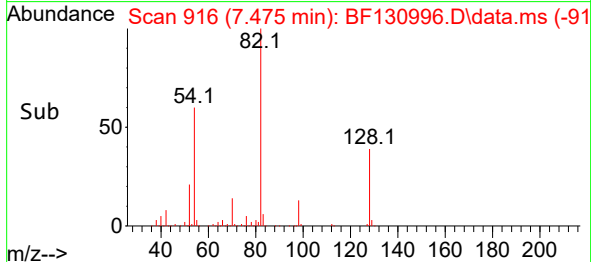
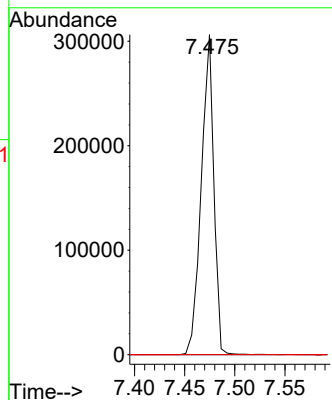
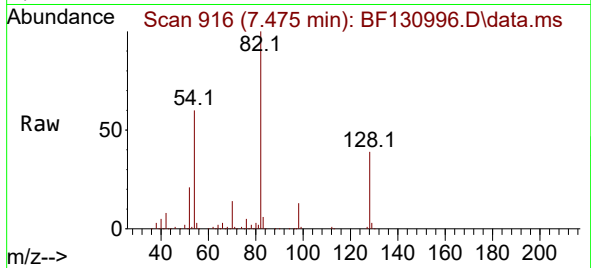




#25
Isophorone
Concen: 37.290 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

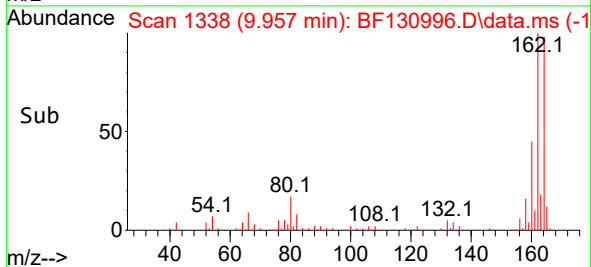
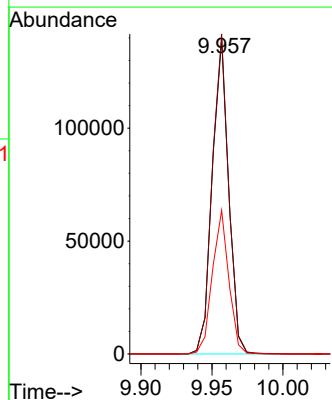
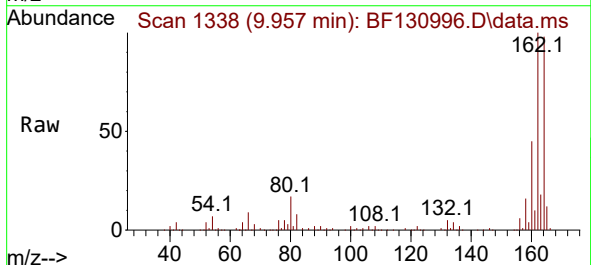
Instrument :
BNA_F
ClientSampleId :
PTS-CON-1103

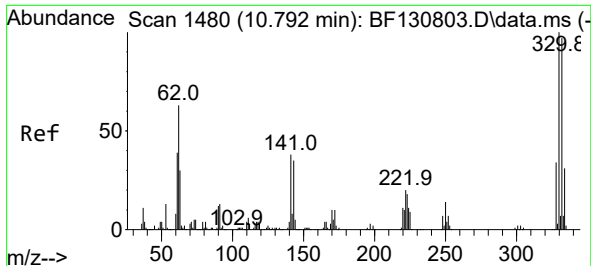
Tgt Ion: 82 Resp: 268200
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion: 164 Resp: 112217
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 87.904 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130996.D

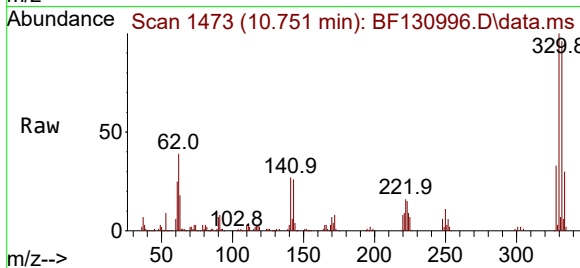
Acq: 04 Nov 2022 18:04

Instrument :

BNA_F

ClientSampleId :

PTS-CON-1103



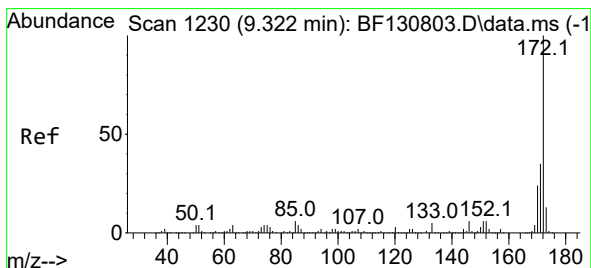
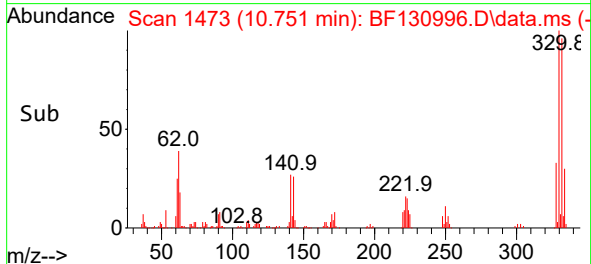
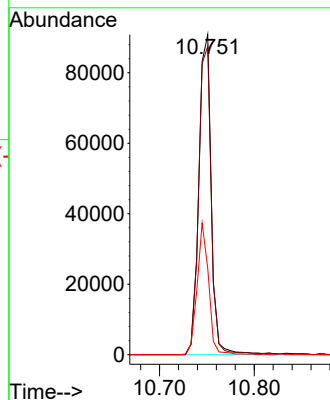
Tgt Ion:330 Resp: 83038

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

141 38.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 64.348 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF130996.D

Acq: 04 Nov 2022 18:04

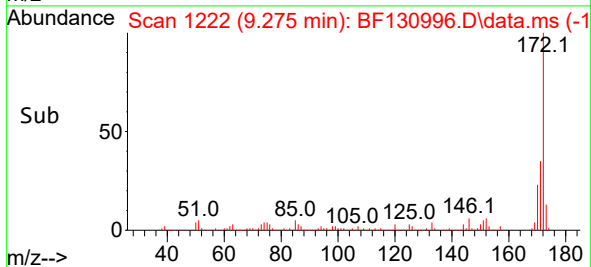
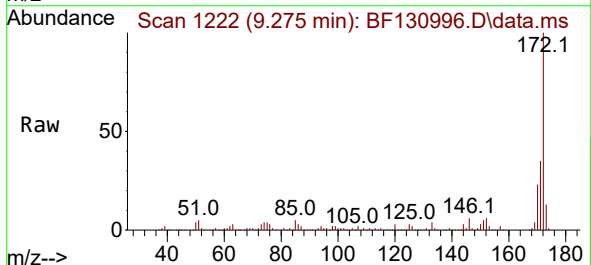
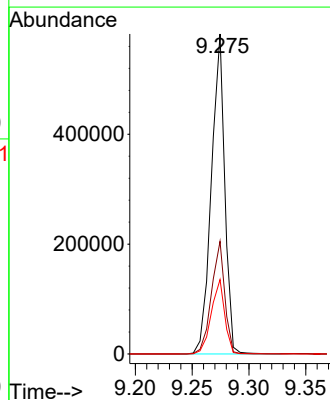
Tgt Ion:172 Resp: 477613

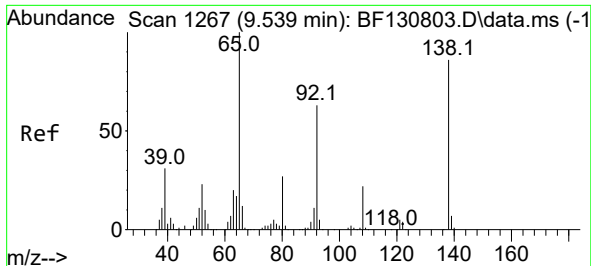
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.3 19.0 28.4

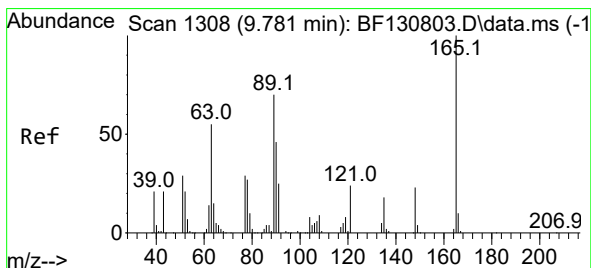
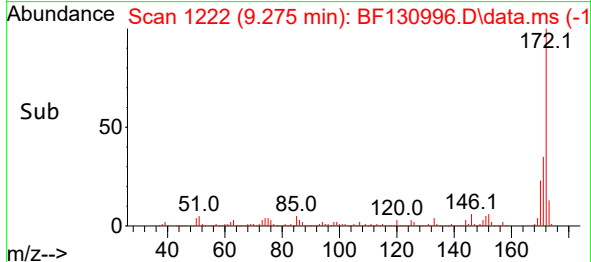
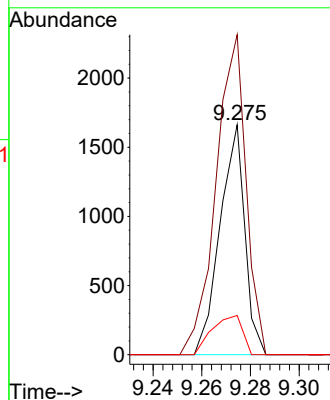
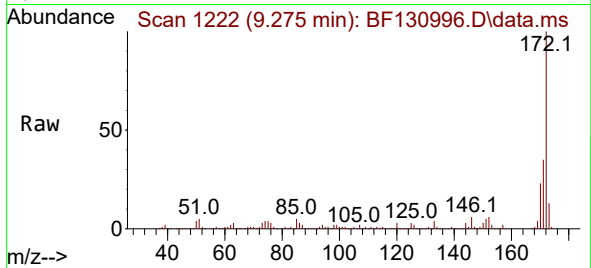




#48
2-Nitroaniline
Concen: 4.668 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

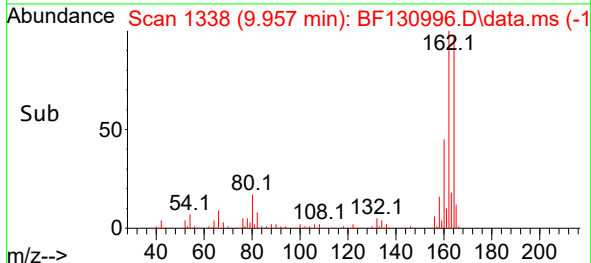
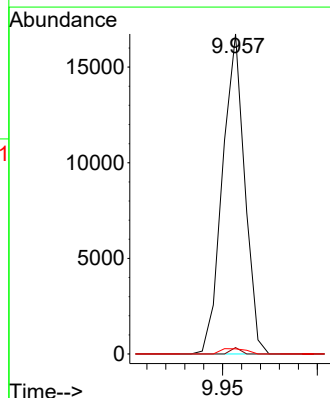
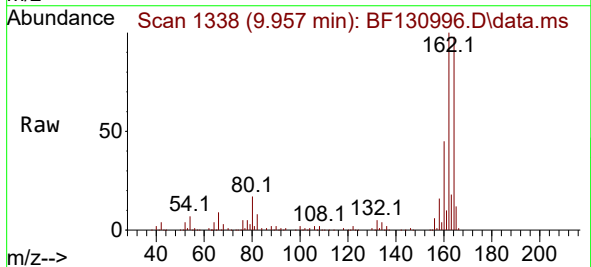
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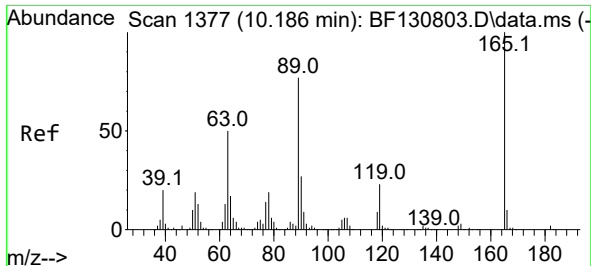
Tgt Ion: 65 Resp: 1176
Ion Ratio Lower Upper
65 100
92 139.1 50.1 75.1#
138 17.1 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.579 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion: 165 Resp: 13674
Ion Ratio Lower Upper
165 100
63 2.0 61.8 92.8#
89 1.6 56.2 84.4#

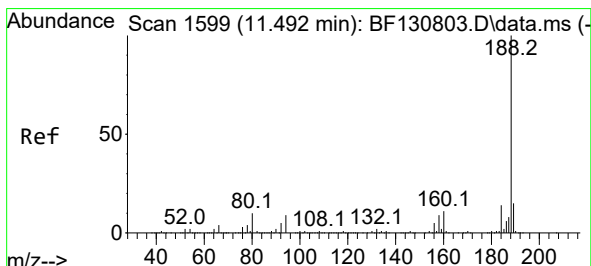
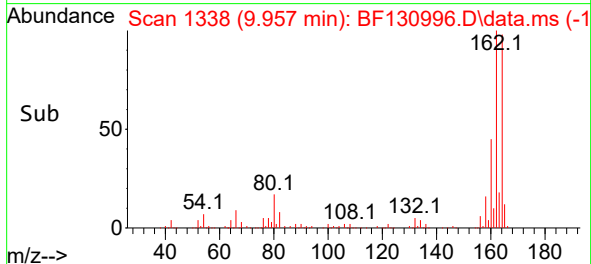
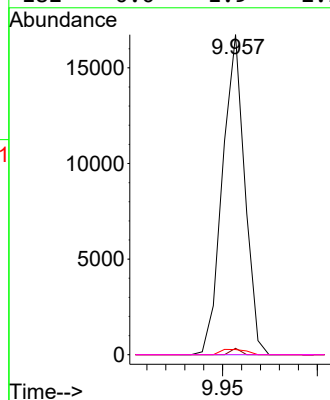
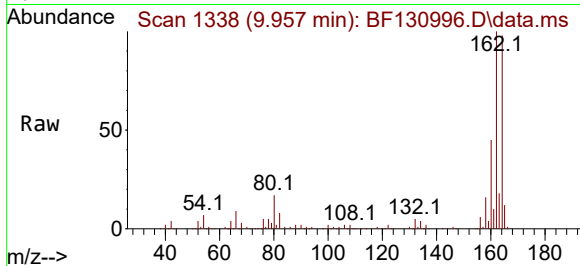




#57
2,4-Dinitrotoluene
Concen: 10.561 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

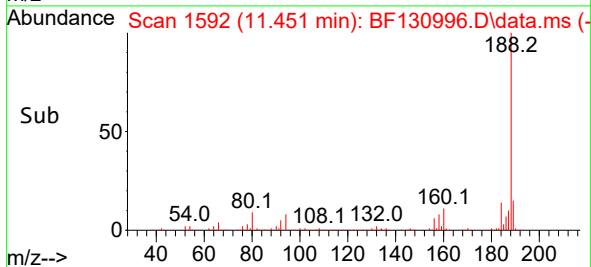
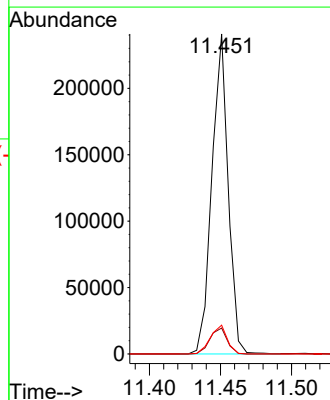
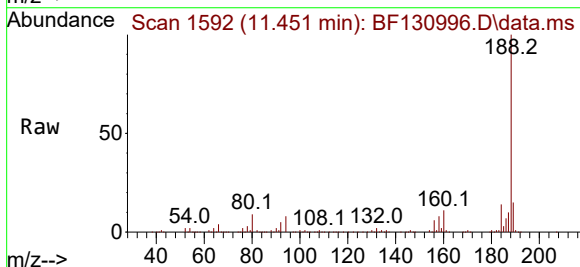
Instrument :
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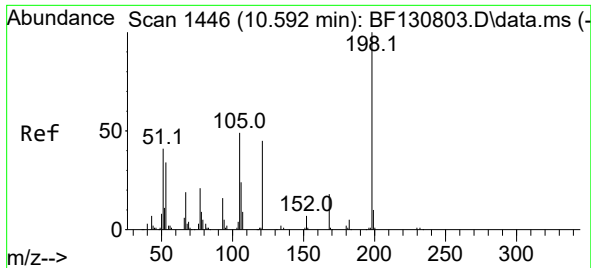
Tgt Ion:165 Resp: 13674
Ion Ratio Lower Upper
165 100
63 2.0 39.8 59.6#
89 1.6 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion:188 Resp: 192205
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.0 8.0 12.0

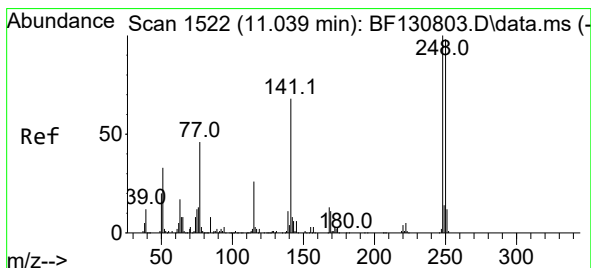
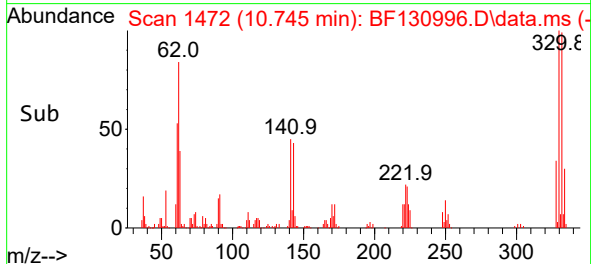
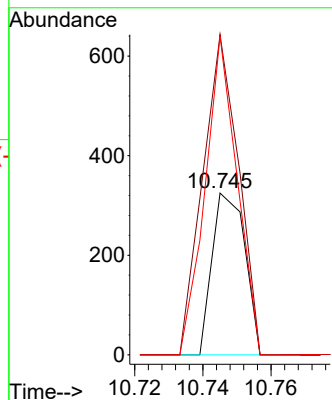
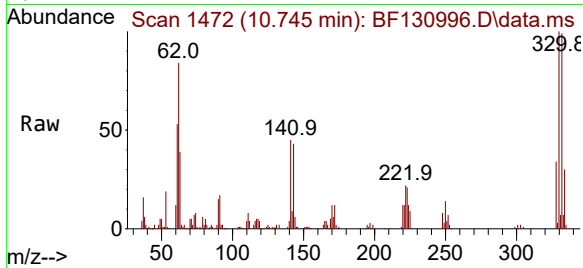




#65
4,6-Dinitro-2-methylphenol
Concen: 8.153 ng
RT: 10.745 min Scan# 1446
Delta R.T. 0.182 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

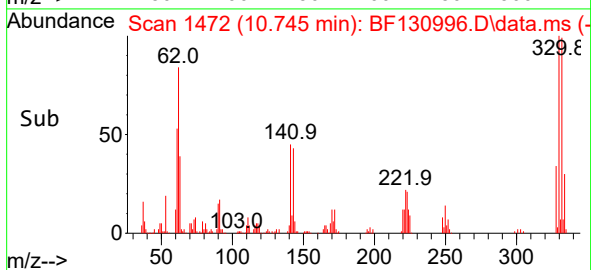
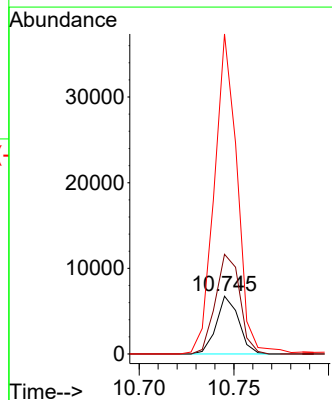
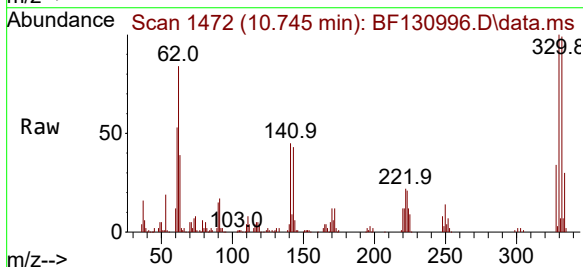
Instrument :
BNA_F
ClientSampleId :
PTS-CON-1103

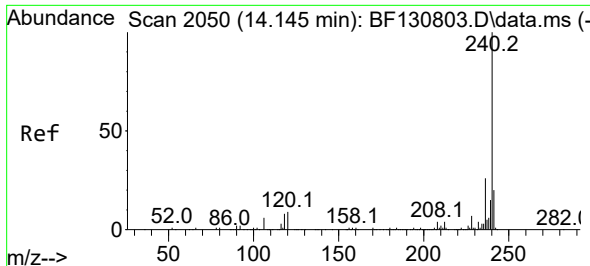
Tgt Ion:198 Resp: 216
Ion Ratio Lower Upper
198 100
51 197.8 39.0 79.0#
105 196.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.868 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion:248 Resp: 5544
Ion Ratio Lower Upper
248 100
250 172.6 78.6 117.8#
141 554.0 54.2 81.4#

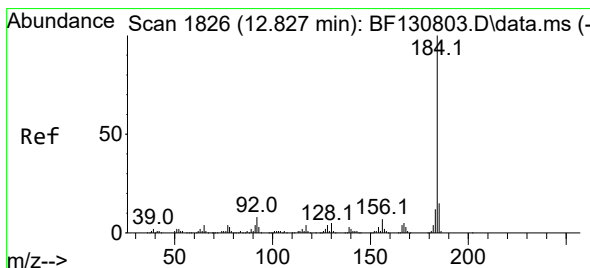
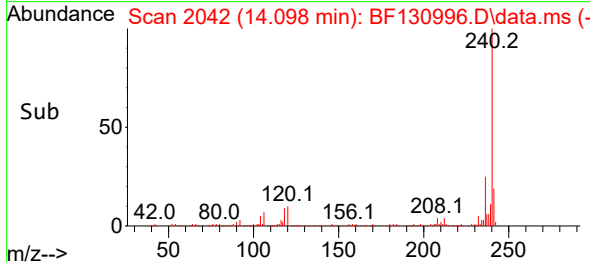
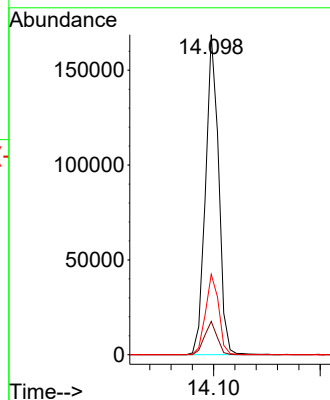
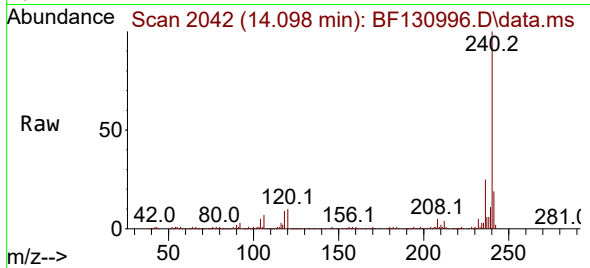




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

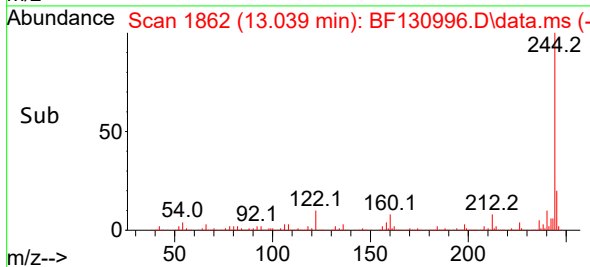
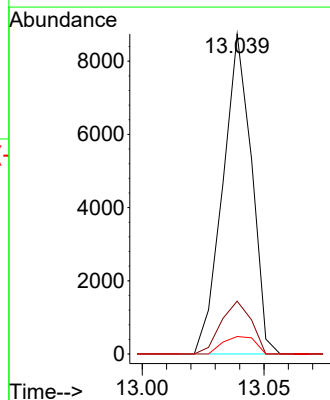
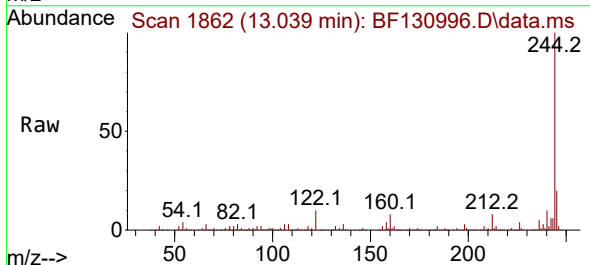
Instrument :
BNA_F
ClientSampleId :
PTS-CON-1103

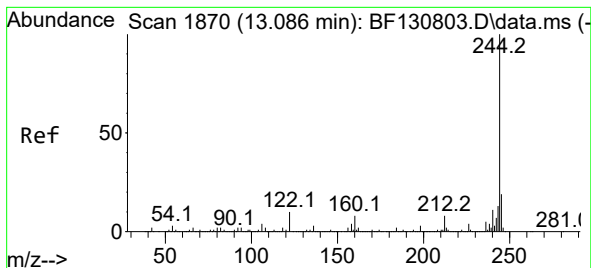
Tgt Ion:240 Resp: 144584
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.4
236 25.1 20.5 30.7



#77
Benzidine
Concen: 2.044 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF130996.D
Acq: 04 Nov 2022 18:04

Tgt Ion:184 Resp: 7173
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.8
183 5.5 9.7 14.5#





#79

Terphenyl-d14

Concen: 56.989 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130996.D

Acq: 04 Nov 2022 18:04

Instrument :

BNA_F

ClientSampleId :

PTS-CON-1103

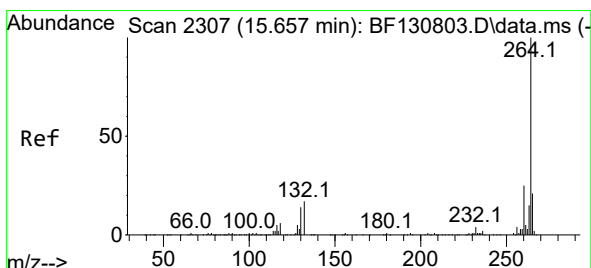
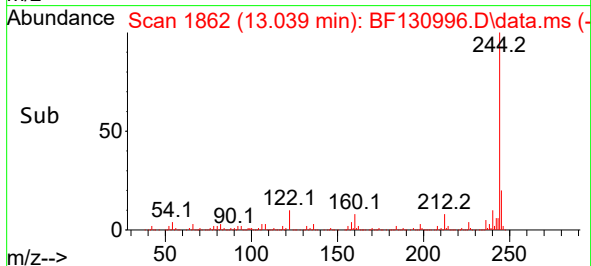
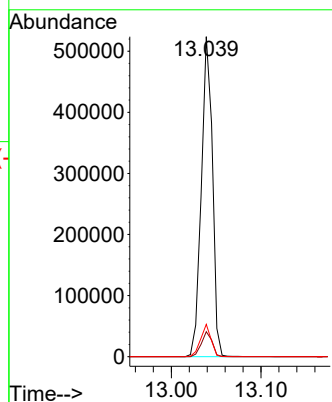
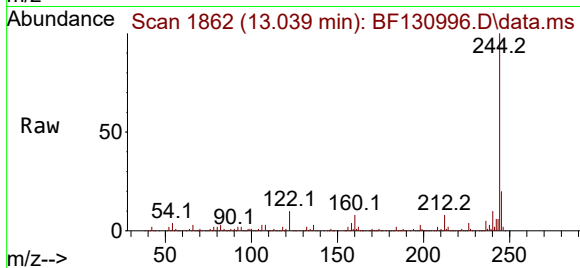
Tgt Ion:244 Resp: 449650

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 10.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2298

Delta R.T. -0.006 min

Lab File: BF130996.D

Acq: 04 Nov 2022 18:04

Tgt Ion:264 Resp: 124757

Ion Ratio Lower Upper

264 100

260 23.0 19.9 29.9

265 21.7 17.0 25.6

