

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129805.D
 Acq On : 16 Aug 2022 11:43
 Operator : CG\JU
 Sample : N4046-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BEACONPOINT-BACKFILL-02

Quant Time: Aug 17 02:53:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

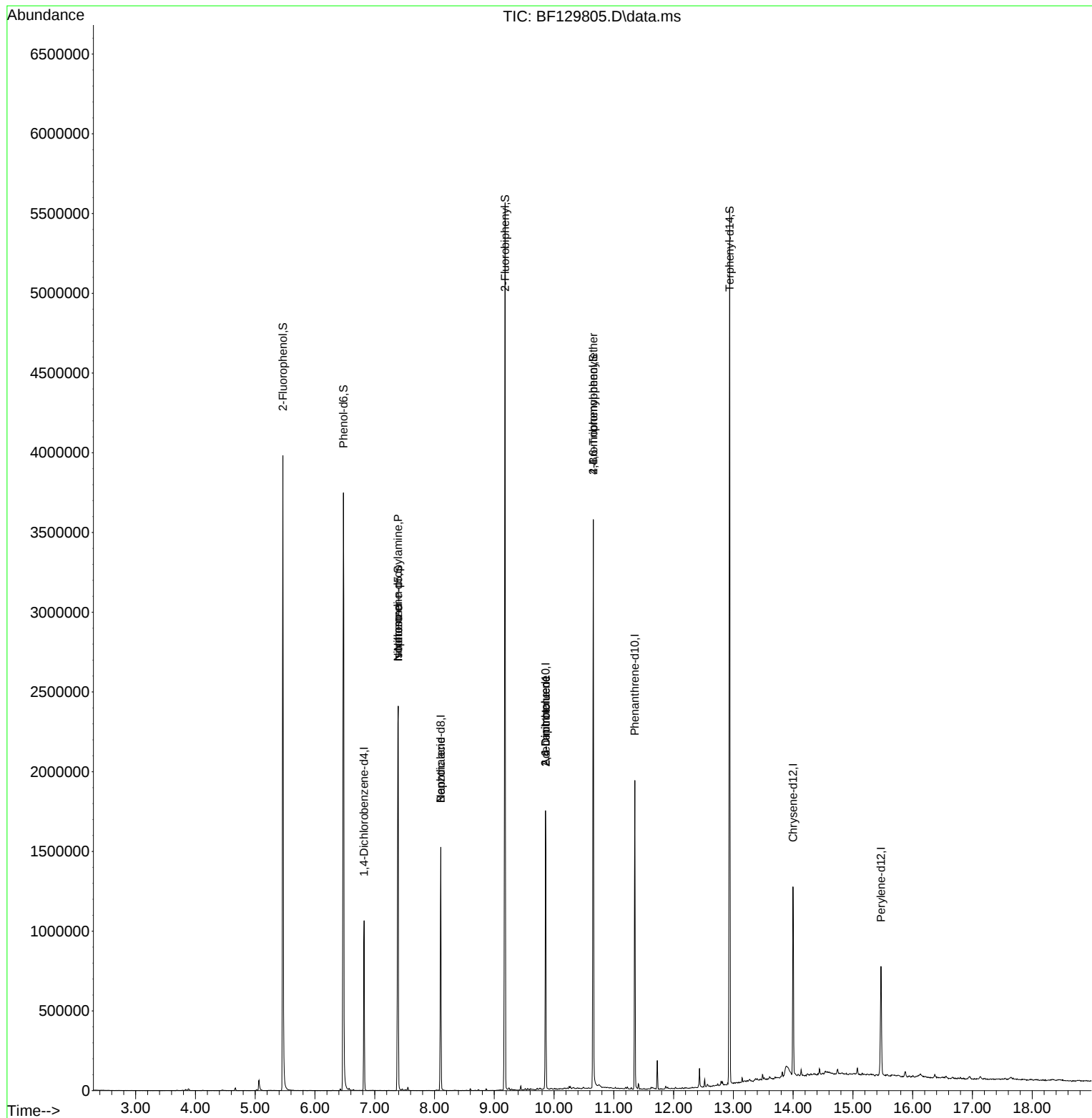
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	162150	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	667775	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	363460	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	639211	20.000	ng	0.00
76) Chrysene-d12	13.998	240	380217	20.000	ng	0.00
86) Perylene-d12	15.468	264	305868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1063035	108.546	ng	0.00
7) Phenol-d6	6.475	99	1383909	112.842	ng	0.00
23) Nitrobenzene-d5	7.392	82	892165	71.520	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	415405	113.876	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1716417	71.725	ng	0.00
79) Terphenyl-d14	12.939	244	1825890	79.906	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	2186	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	119813	15.456	ng	# 74
25) Isophorone	7.392	82	892155	41.553	ng	# 65
32) Benzoic acid	8.104	122	153	2.199	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	48481	8.578	ng	# 22
57) 2,4-Dinitrotoluene	9.857	165	48481	6.608	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	26216	3.502	ng	# 1
77) Benzidine	12.939	184	24950	Below Cal	#	89

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

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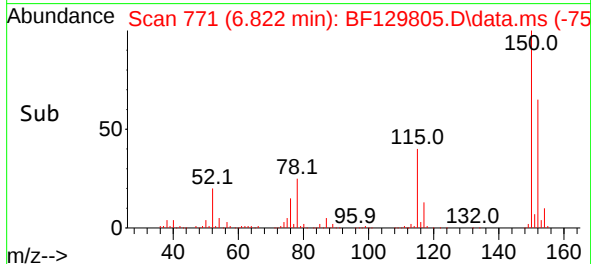
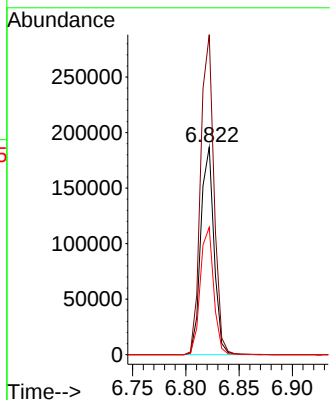
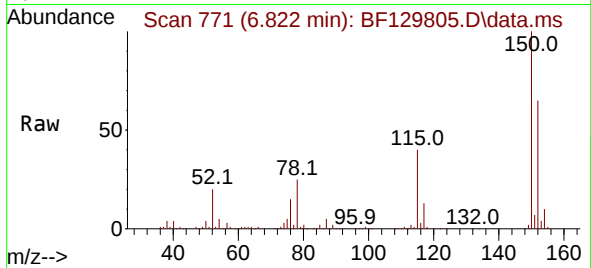




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

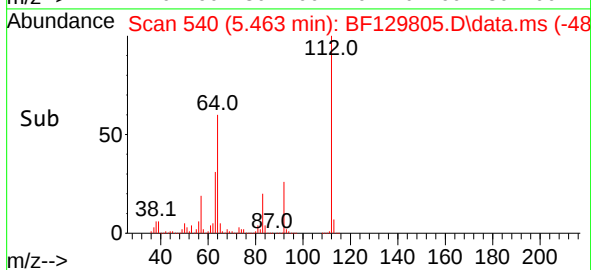
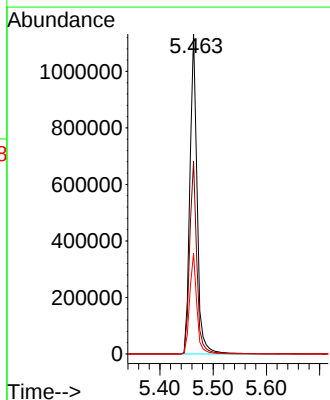
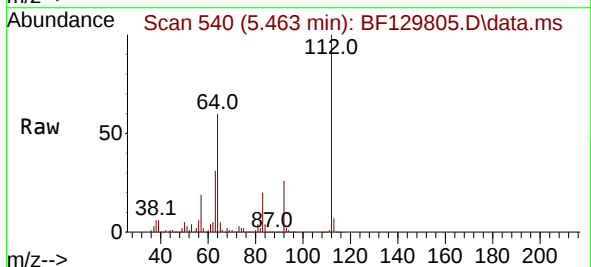
Instrument :
BNA_F
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion:152 Resp: 162150
Ion Ratio Lower Upper
152 100
150 154.2 126.9 190.3
115 61.4 53.4 80.0



#5
2-Fluorophenol
Concen: 108.546 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

Tgt Ion:112 Resp: 1063035
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 31.4 24.6 37.0

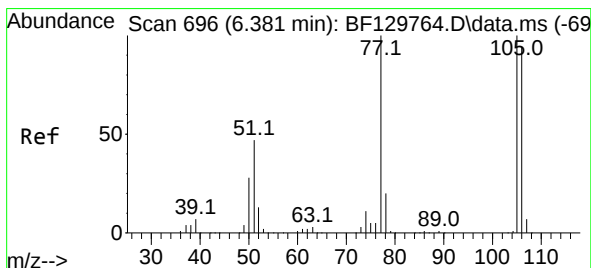
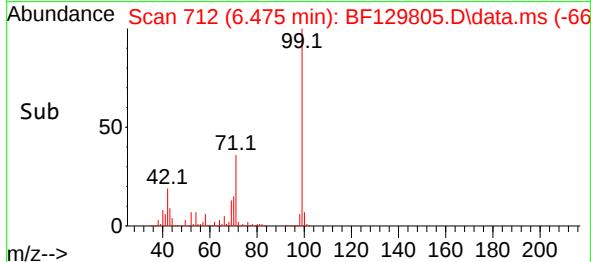
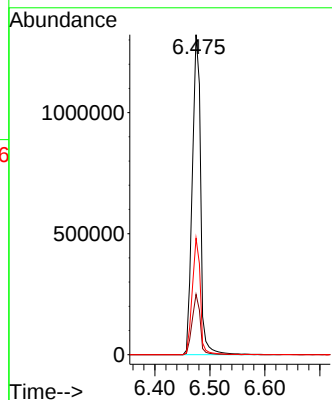
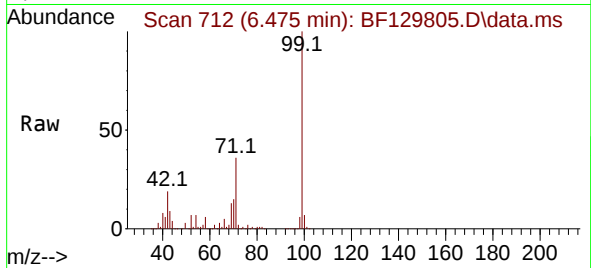




#7
Phenol-d6
Concen: 112.842 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

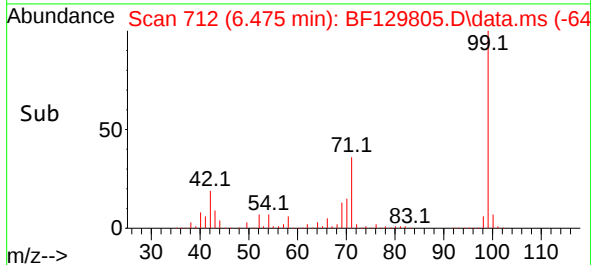
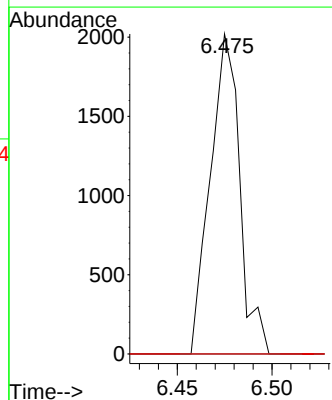
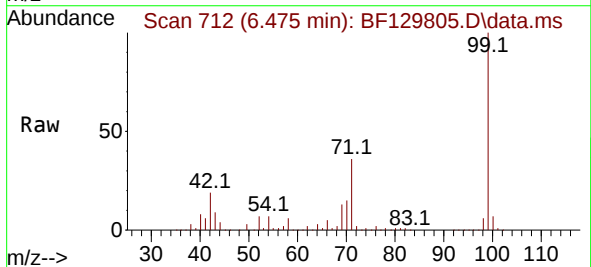
Instrument :
BNA_F
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion: 99 Resp: 1383909
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.094 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

Tgt Ion: 77 Resp: 2186
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

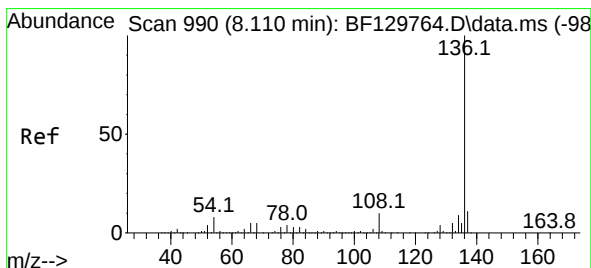
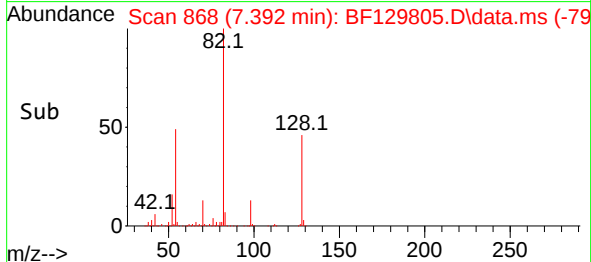
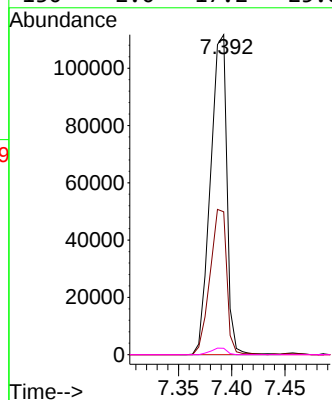
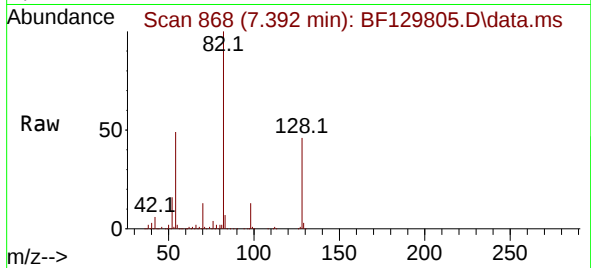




#19
n-Nitroso-di-n-propylamine
Concen: 15.456 ng
RT: 7.392 min Scan# 810
Delta R.T. 0.153 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

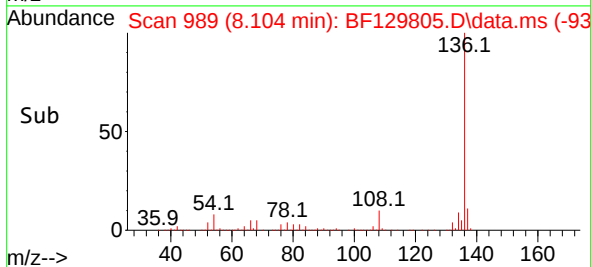
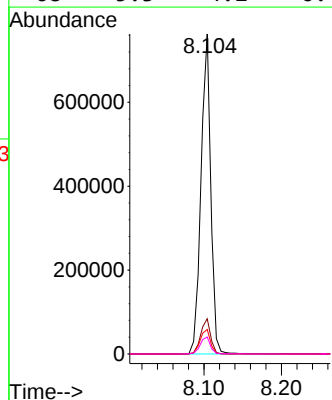
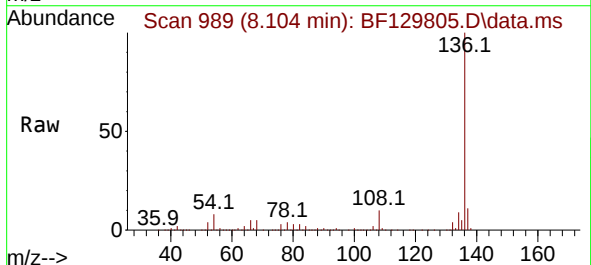
Instrument :
BNA_F
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion: 70 Resp: 119813
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

Tgt Ion: 136 Resp: 667775
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.2 9.2
68 5.3 4.2 6.4

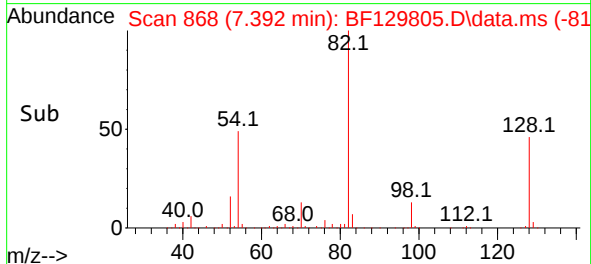
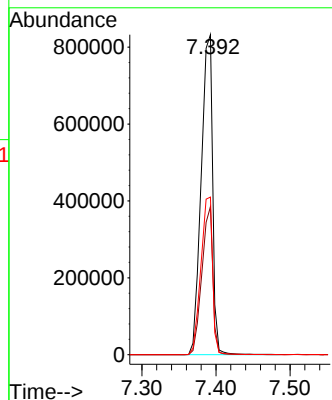
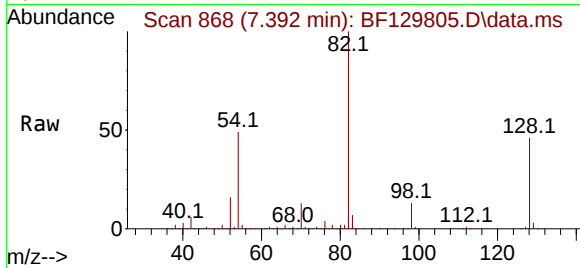




#23
Nitrobenzene-d5
Concen: 71.520 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

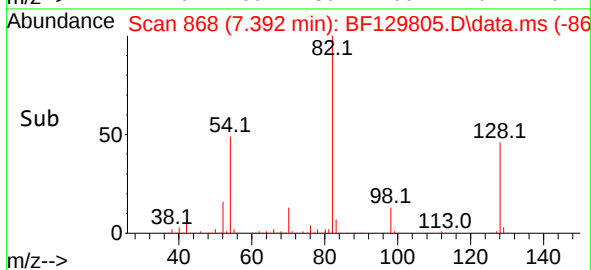
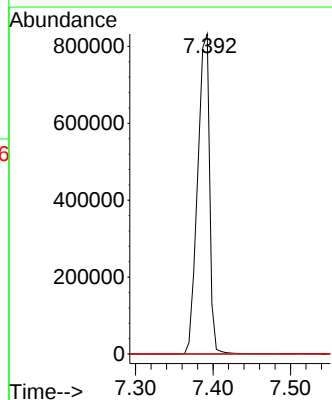
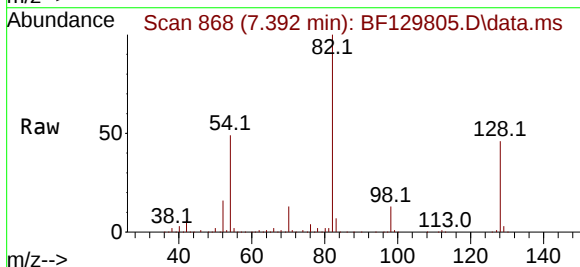
Instrument :
BNA_F
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion: 82 Resp: 892165
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 49.3 40.0 60.0



#25
Isophorone
Concen: 41.553 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

Tgt Ion: 82 Resp: 892155
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

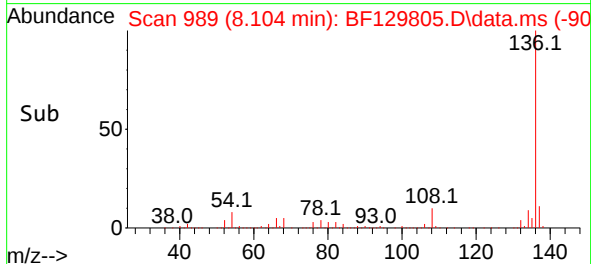
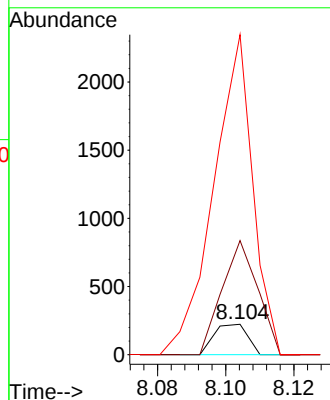
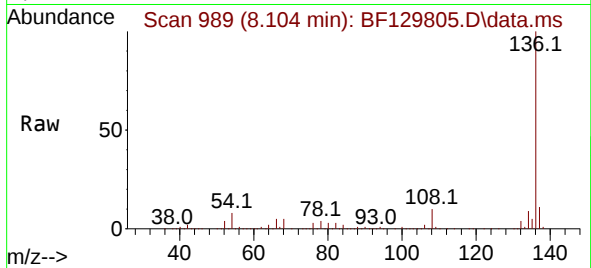




#32
Benzoic acid
Concen: 2.199 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

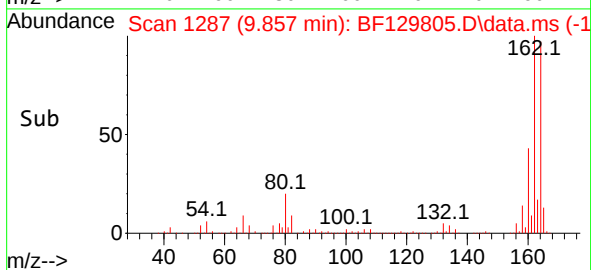
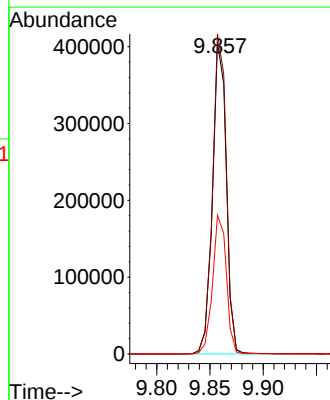
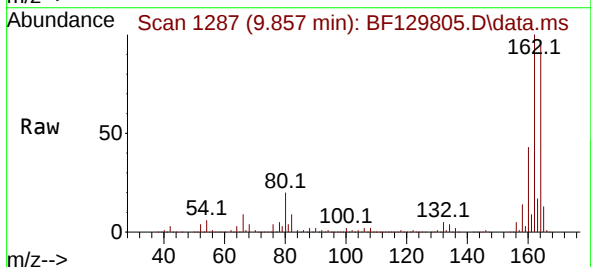
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ClientSampleId :
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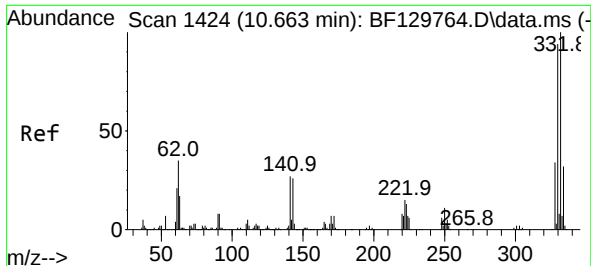
Tgt Ion:122 Resp: 153
Ion Ratio Lower Upper
122 100
105 375.3 99.9 139.9#
77 1052.5 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

Tgt Ion:164 Resp: 363460
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 44.6 35.4 53.0

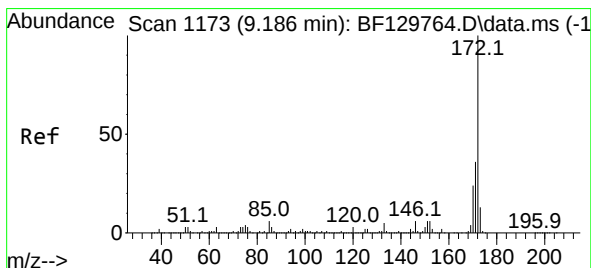
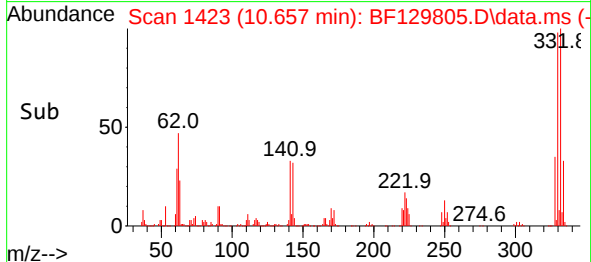
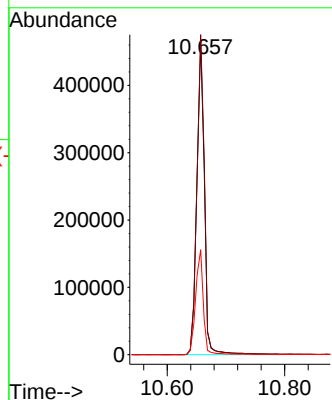
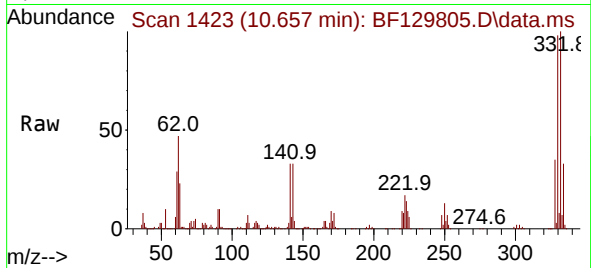




#42
2,4,6-Tribromophenol
Concen: 113.876 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

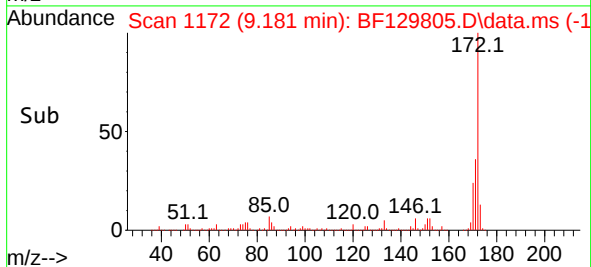
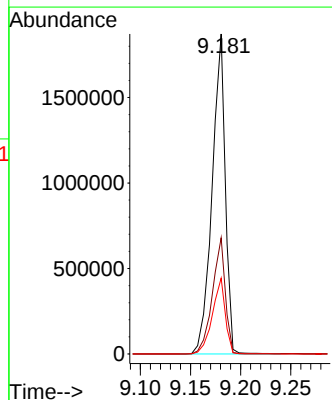
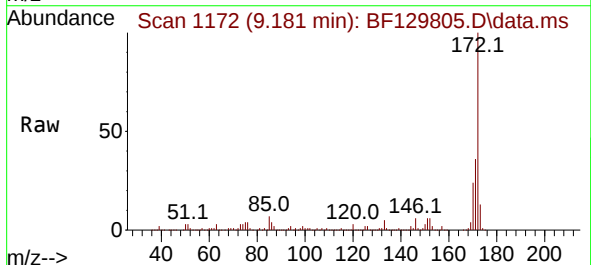
Instrument :
BNA_F
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion: 330 Resp: 415405
Ion Ratio Lower Upper
330 100
332 101.9 82.6 124.0
141 34.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 71.725 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

Tgt Ion: 172 Resp: 1716417
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.578 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.200 min

Lab File: BF129805.D

Acq: 16 Aug 2022 11:43

Instrument :

BNA_F

ClientSampleId :

BEACONPOINT-BACKFILL-02

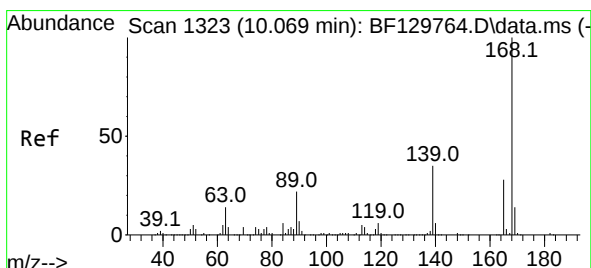
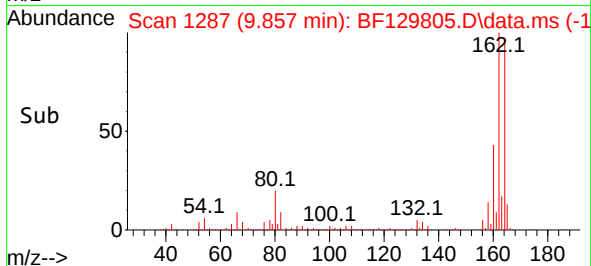
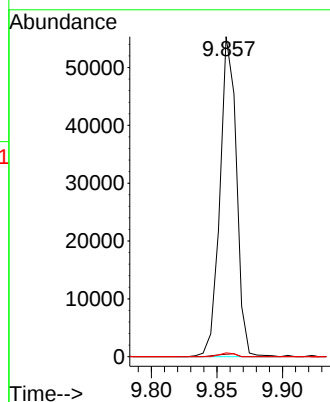
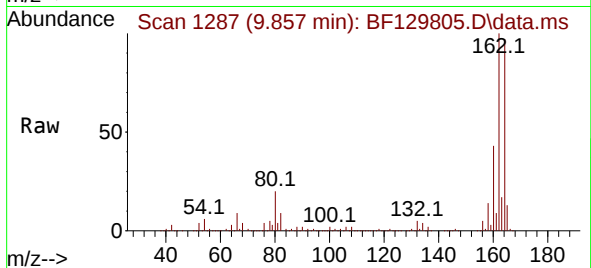
Tgt Ion:165 Resp: 48481

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.608 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.212 min

Lab File: BF129805.D

Acq: 16 Aug 2022 11:43

Tgt Ion:165 Resp: 48481

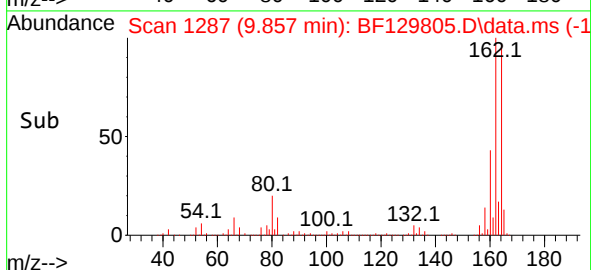
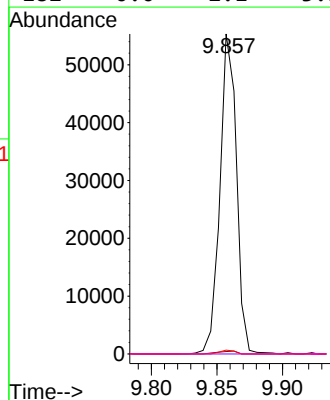
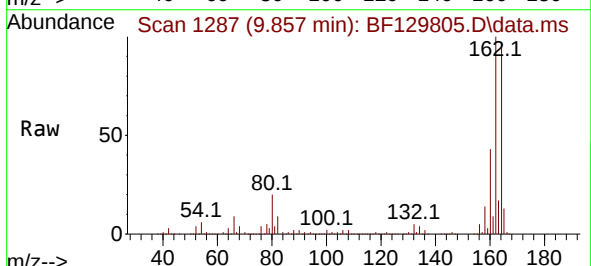
Ion Ratio Lower Upper

165 100

63 0.8 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#

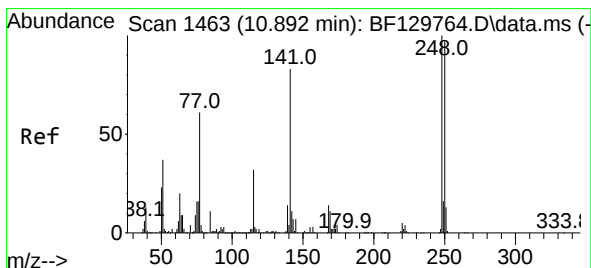
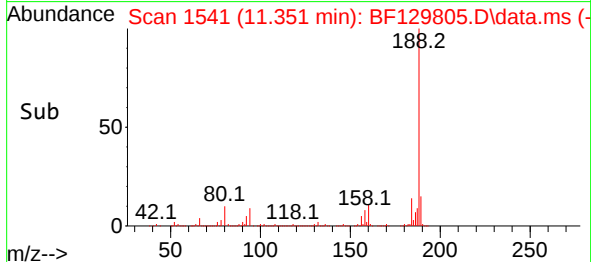
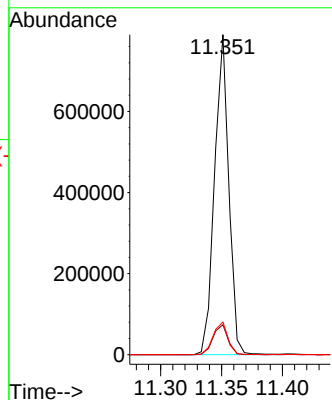
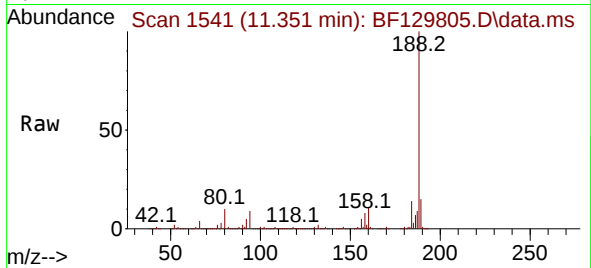




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

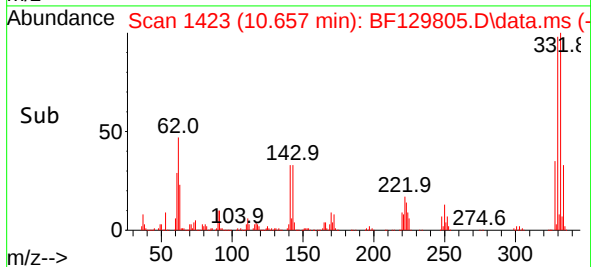
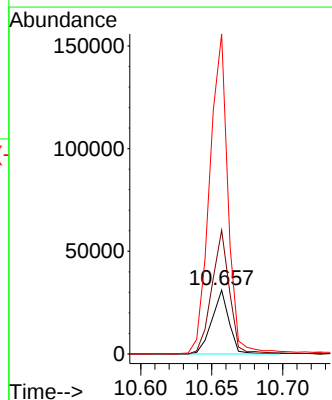
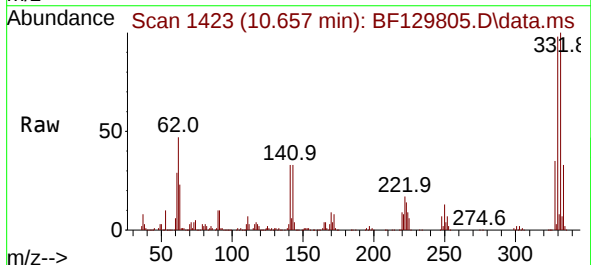
Instrument :
BNA_F
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion:188 Resp: 639211
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.502 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129805.D
Acq: 16 Aug 2022 11:43

Tgt Ion:248 Resp: 26216
Ion Ratio Lower Upper
248 100
250 193.9 77.8 116.6#
141 501.0 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129805.D

Acq: 16 Aug 2022 11:43

Instrument :

BNA_F

ClientSampleId :

BEACONPOINT-BACKFILL-02

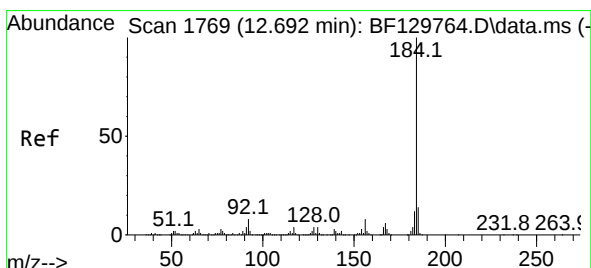
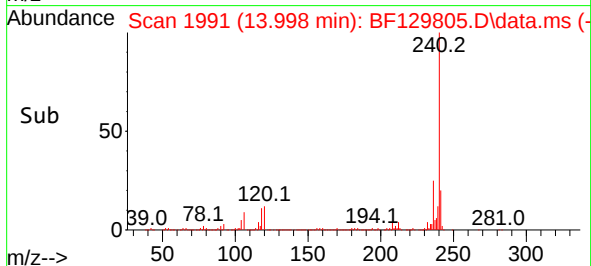
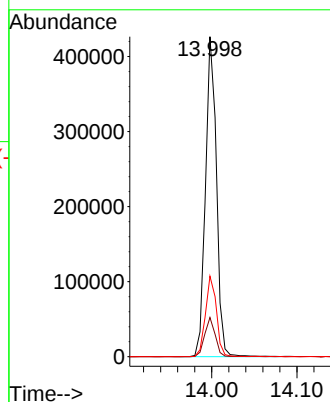
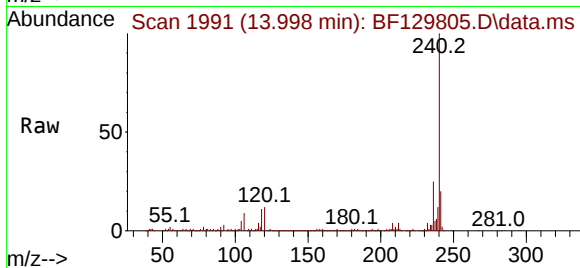
Tgt Ion:240 Resp: 380217

Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 25.2 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.939 min Scan# 1811

Delta R.T. 0.247 min

Lab File: BF129805.D

Acq: 16 Aug 2022 11:43

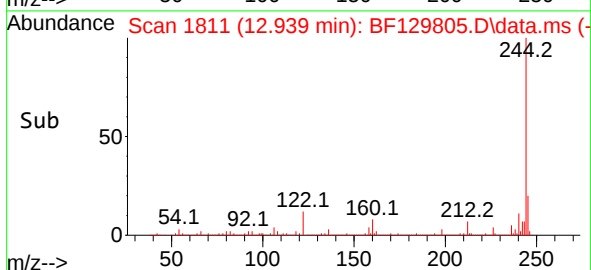
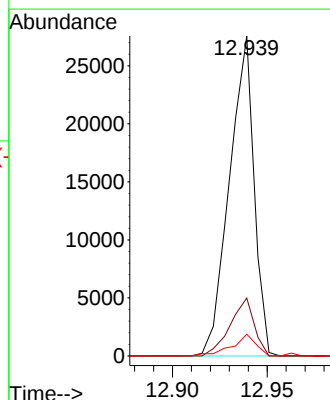
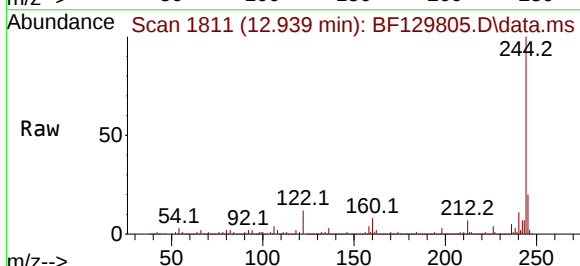
Tgt Ion:184 Resp: 24950

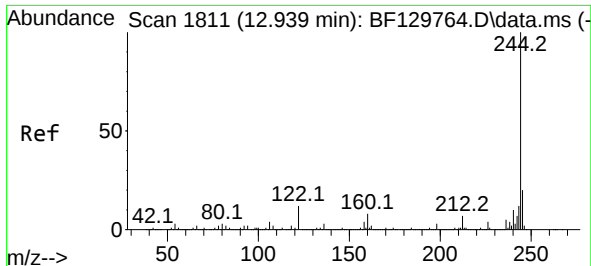
Ion Ratio Lower Upper

184 100

185 18.1 11.4 17.2#

183 6.8 9.4 14.2#



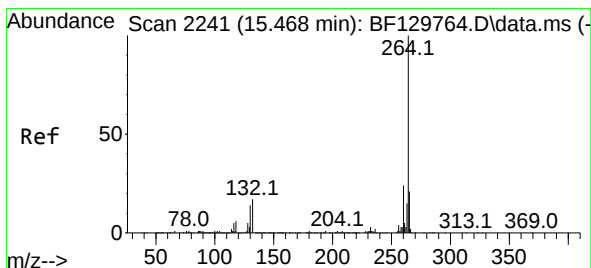
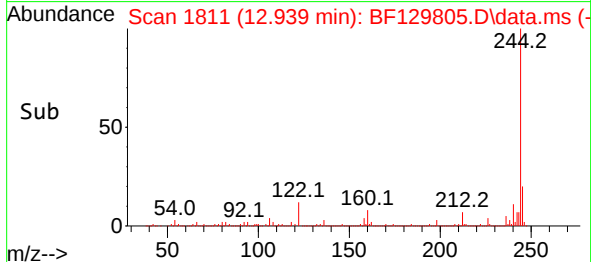
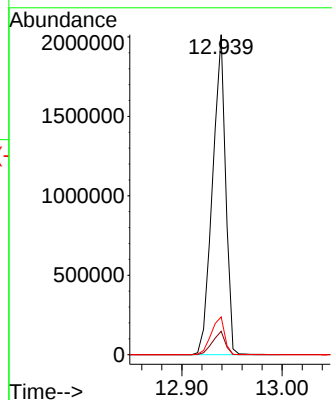
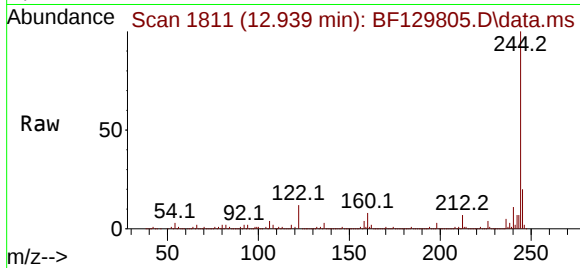


#79
 Terphenyl-d14
 Concen: 79.906 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129805.D
 Acq: 16 Aug 2022 11:43

Instrument :
 BNA_F
 ClientSampleId :
 BEACONPOINT-BACKFILL-02

Tgt Ion:244 Resp: 1825890

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.8	9.9	14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: BF129805.D
 Acq: 16 Aug 2022 11:43

Tgt Ion:264 Resp: 305868

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	16.7	25.1

