

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133759.D
 Acq On : 14 Jun 2023 19:22
 Operator : CG\JU
 Sample : 03092-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Quant Time: Jun 15 01:29:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

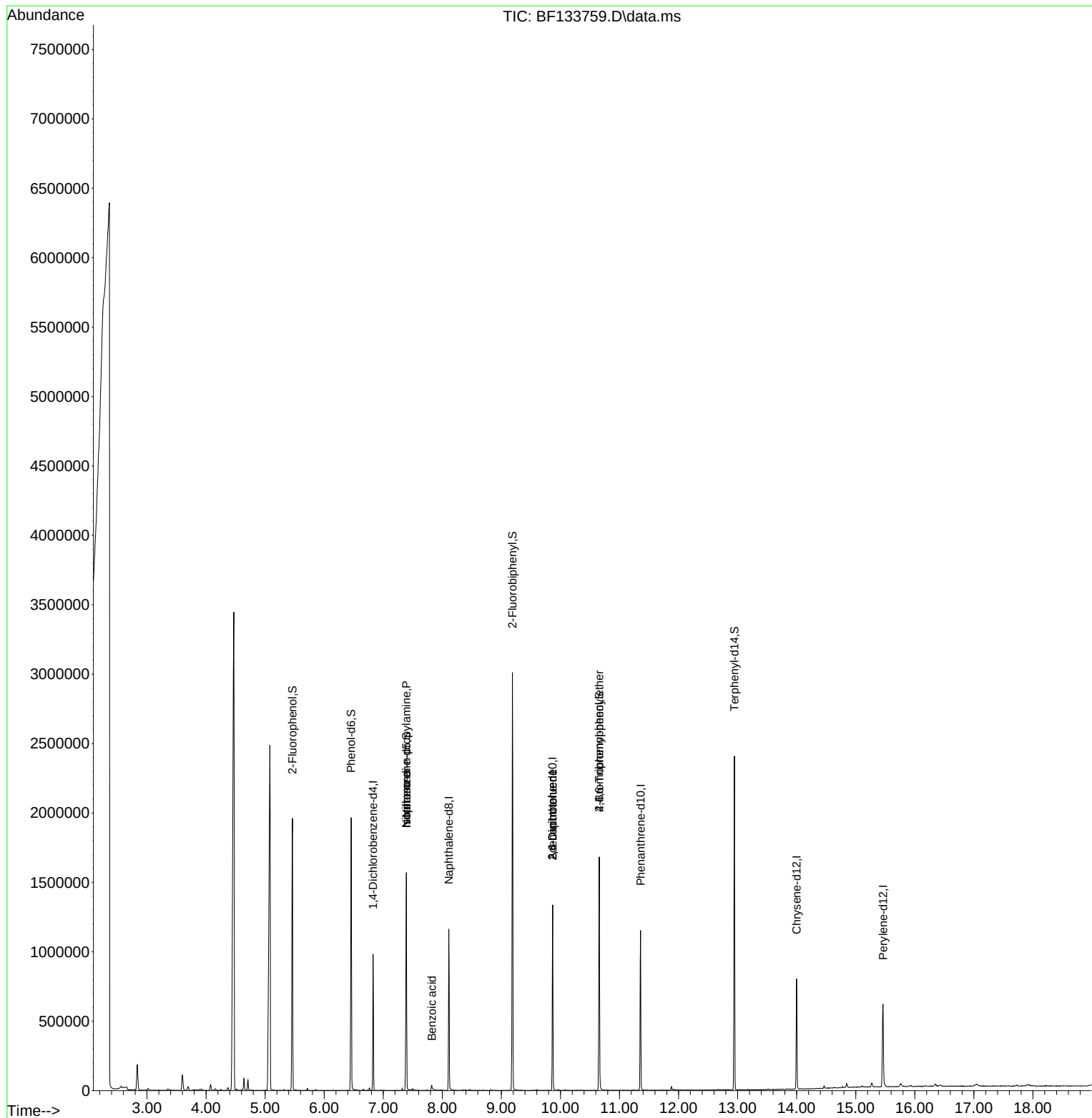
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	127747	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	486352	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	241516	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	411498	20.000	ng	0.00
76) Chrysene-d12	13.998	240	263631	20.000	ng	-0.01
86) Perylene-d12	15.462	264	278399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	508187	69.254	ng	0.02
7) Phenol-d6	6.457	99	555399	58.147	ng	-0.01
23) Nitrobenzene-d5	7.392	82	449363	50.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	190382	62.274	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	899898	52.966	ng	0.00
79) Terphenyl-d14	12.945	244	762235	44.738	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	62156	10.228	ng	# 77
25) Isophorone	7.392	82	447787	27.315	ng	# 65
32) Benzoic acid	7.822	122	9355	2.133	ng	89
51) 2,6-Dinitrotoluene	9.869	165	31607	8.494	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	31607	6.679	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	11771	2.563	ng	# 1

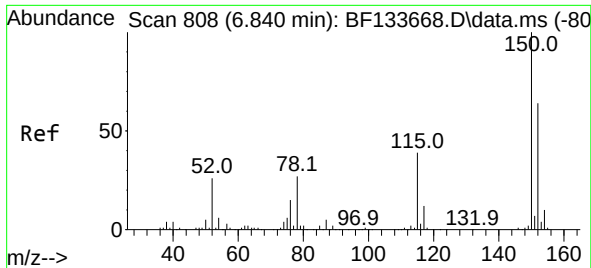
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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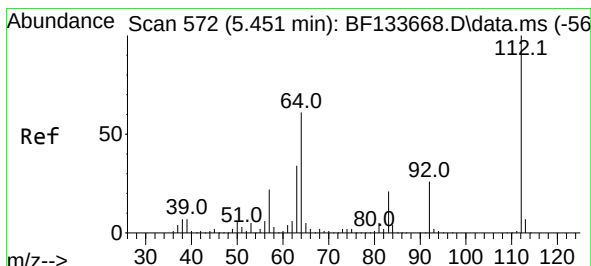
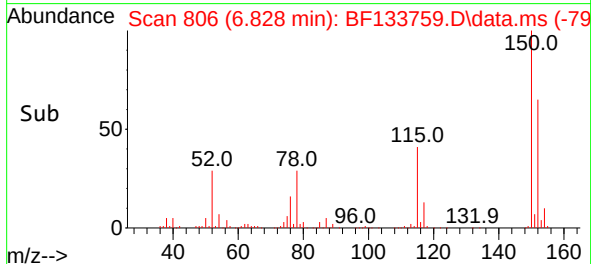
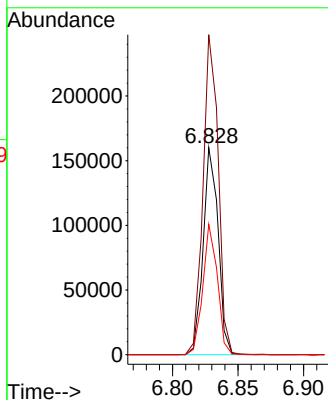
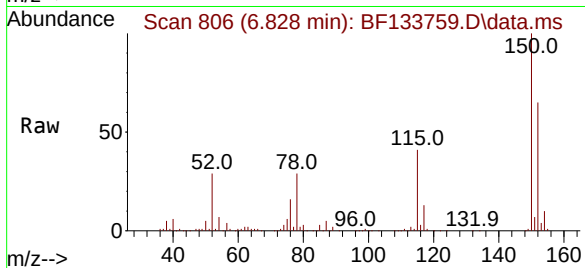




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

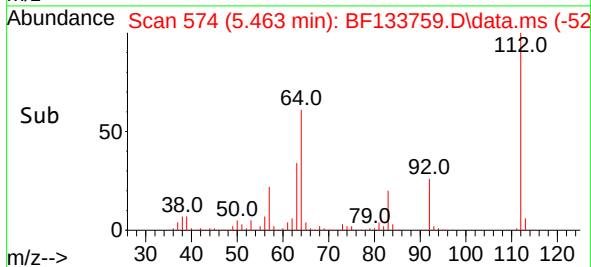
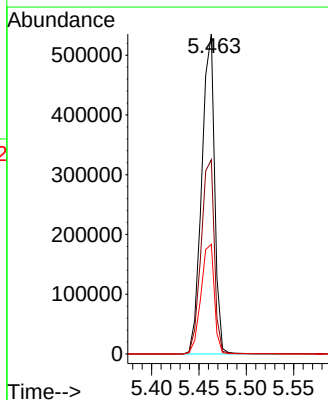
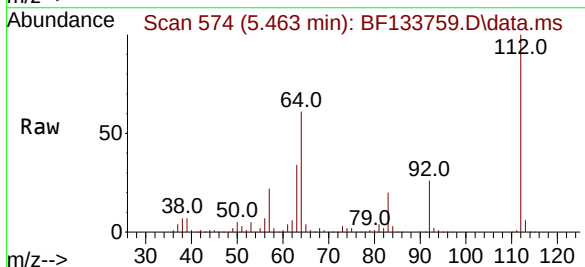
Instrument :
BNA_F
ClientSampleId :
TP-1RE

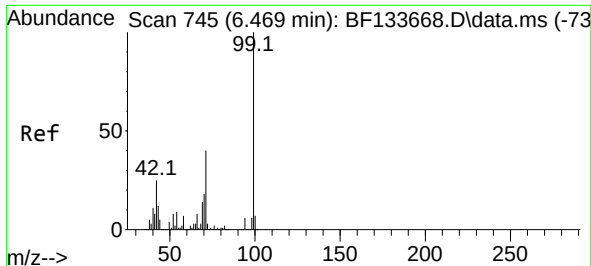
Tgt Ion:152 Resp: 127747
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 63.0 48.5 72.7



#5
2-Fluorophenol
Concen: 69.254 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.018 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion:112 Resp: 508187
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.2 26.8 40.2

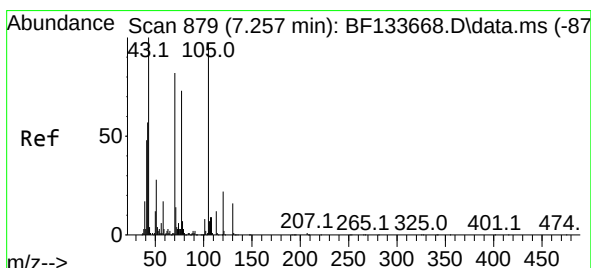
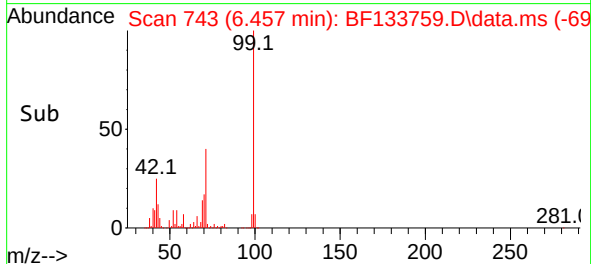
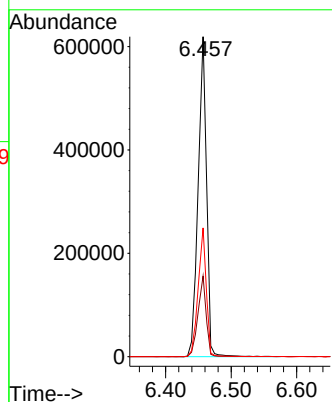
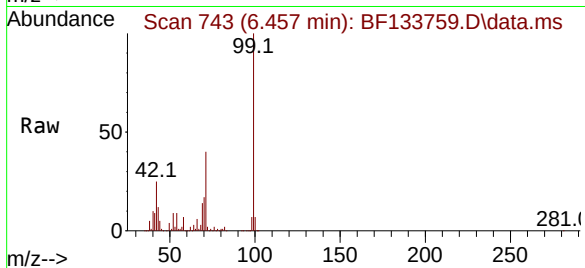




#7
Phenol-d6
Concen: 58.147 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

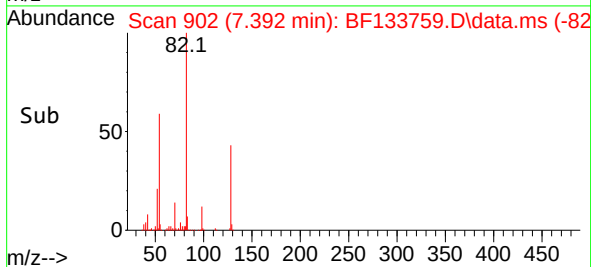
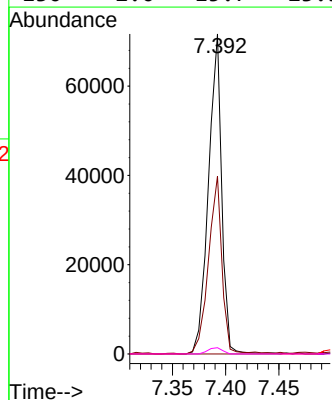
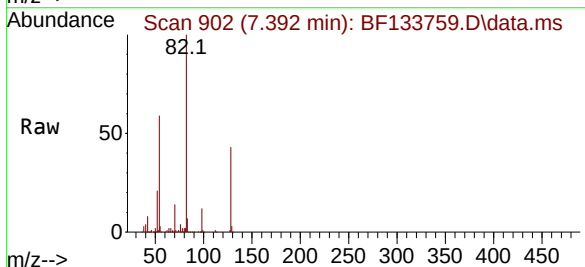
Instrument :
BNA_F
ClientSampleId :
TP-1RE

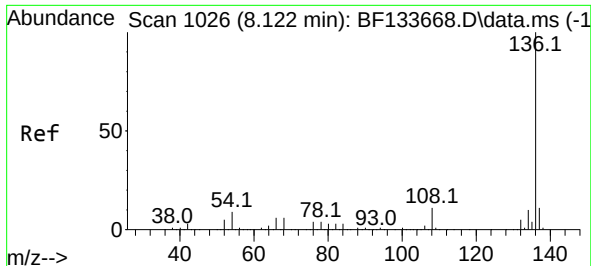
Tgt Ion: 99 Resp: 555399
Ion Ratio Lower Upper
99 100
42 25.2 19.9 29.9
71 40.2 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.228 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion: 70 Resp: 62156
Ion Ratio Lower Upper
70 100
42 55.6 55.8 83.8#
101 0.0 8.1 12.1#
130 2.0 15.7 23.5#

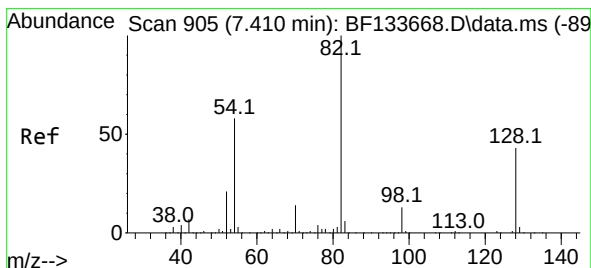
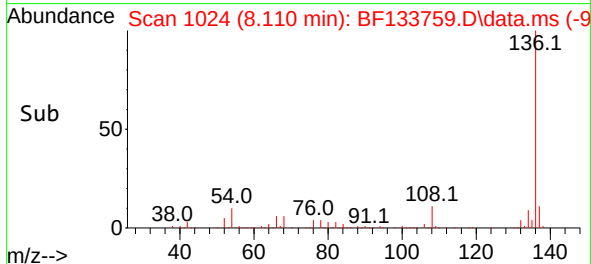
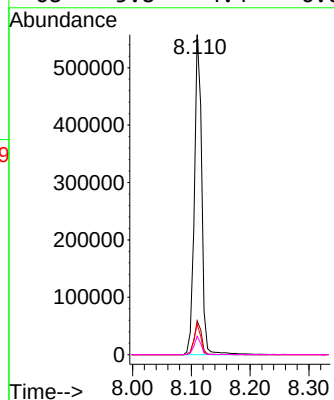
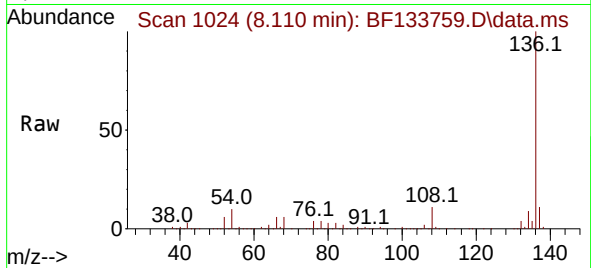




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

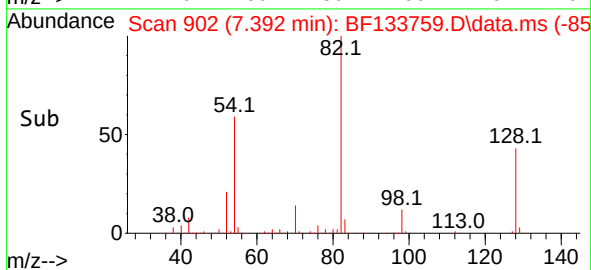
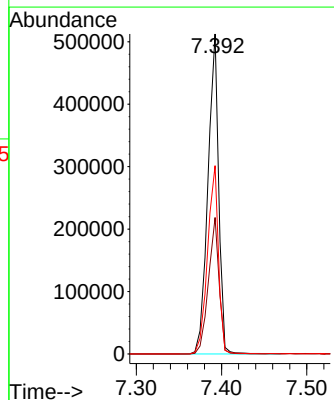
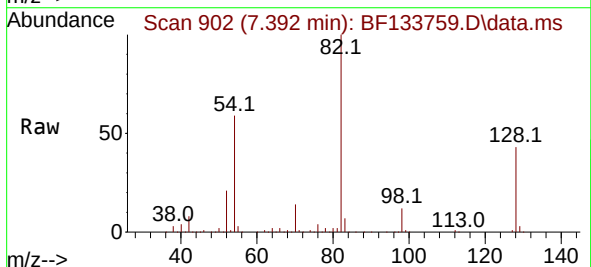
Instrument :
BNA_F
ClientSampleId :
TP-1RE

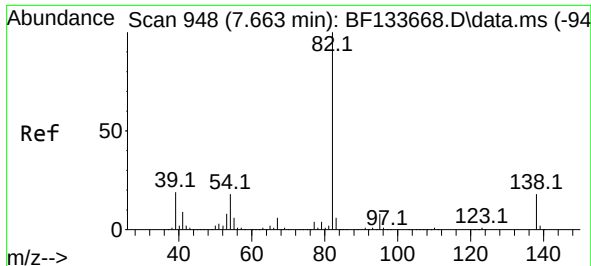
Tgt Ion:136 Resp: 486352
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.6 7.4 11.0
68 5.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 50.324 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion: 82 Resp: 449363
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.2
54 58.9 46.5 69.7

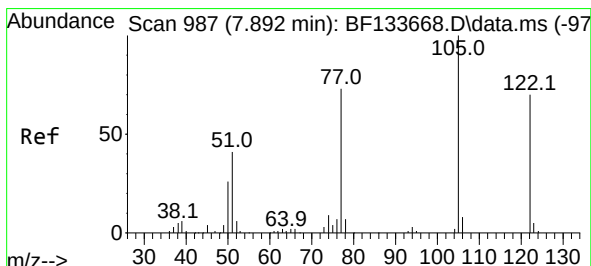
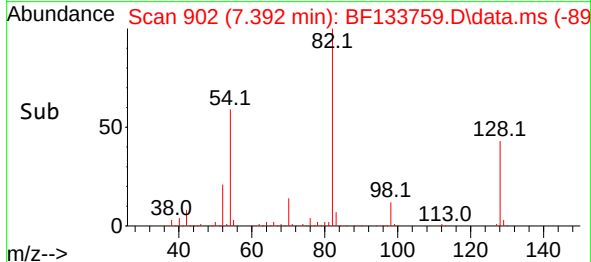
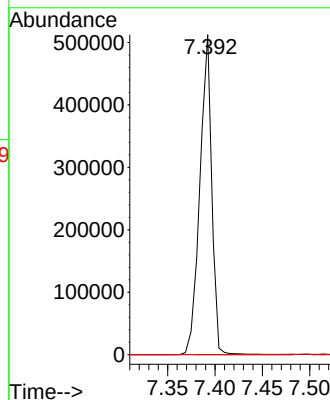
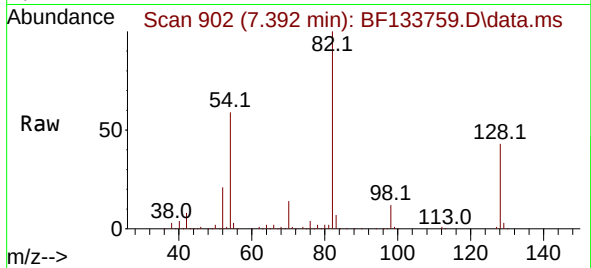




#25
Isophorone
Concen: 27.315 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

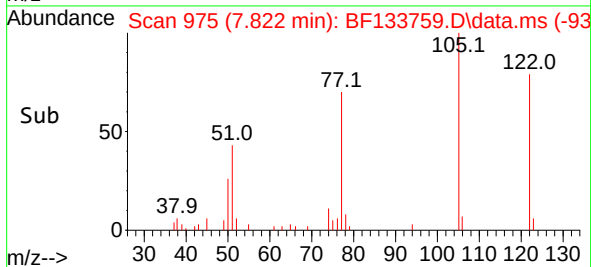
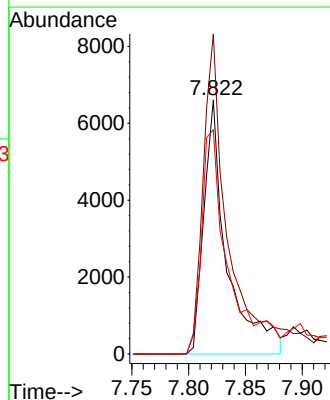
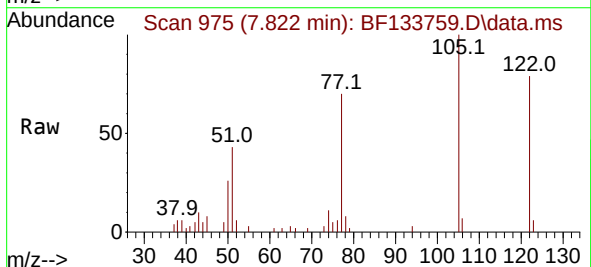
Instrument :
BNA_F
ClientSampleId :
TP-1RE

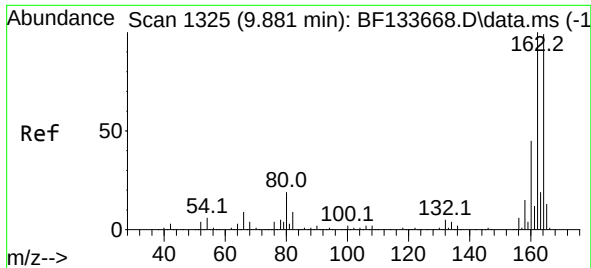
Tgt Ion: 82 Resp: 447787
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 2.133 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.065 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion: 122 Resp: 9355
Ion Ratio Lower Upper
122 100
105 125.9 116.3 156.3
77 88.2 82.4 122.4

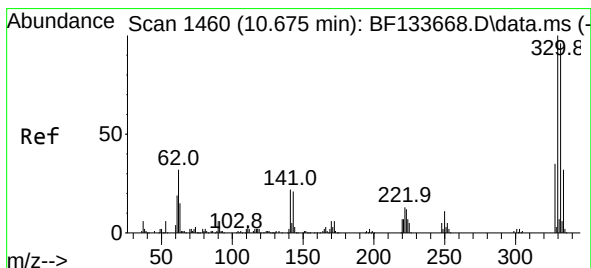
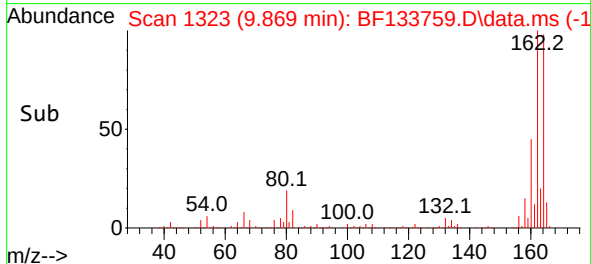
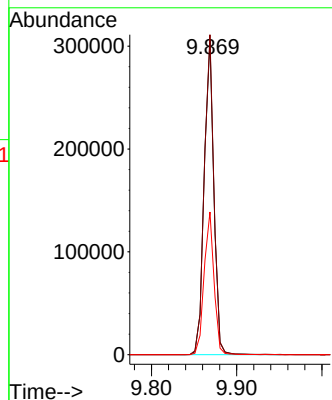
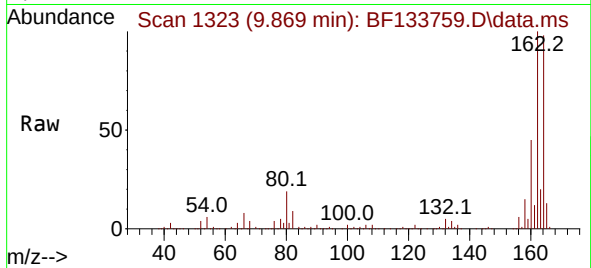




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

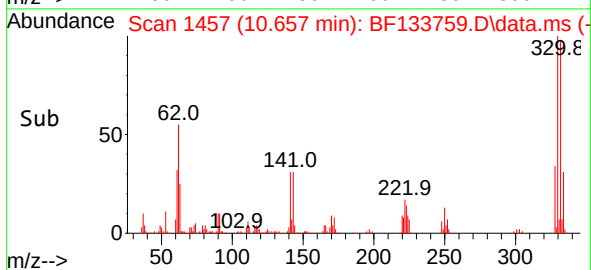
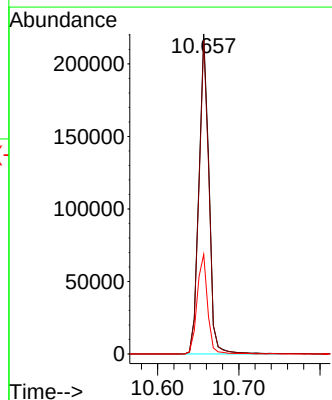
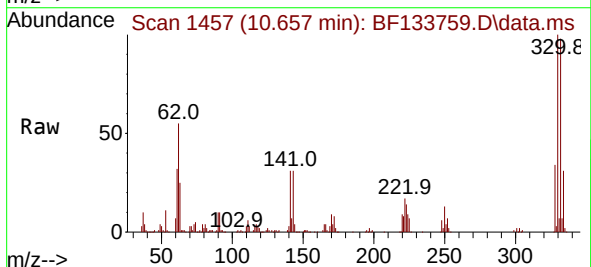
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TP-1RE

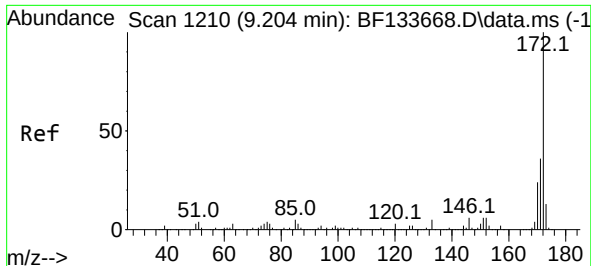
Tgt Ion:164 Resp: 241516
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 45.4 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 62.274 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion:330 Resp: 190382
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 32.4 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 52.966 ng

RT: 9.186 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133759.D

Acq: 14 Jun 2023 19:22

Instrument :

BNA_F

ClientSampleId :

TP-1RE

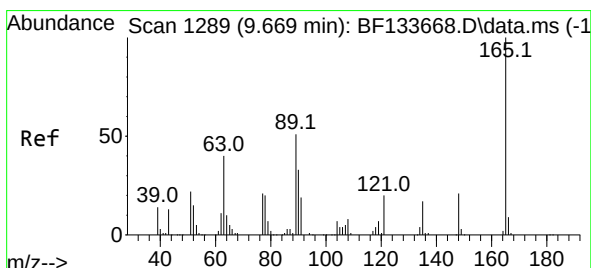
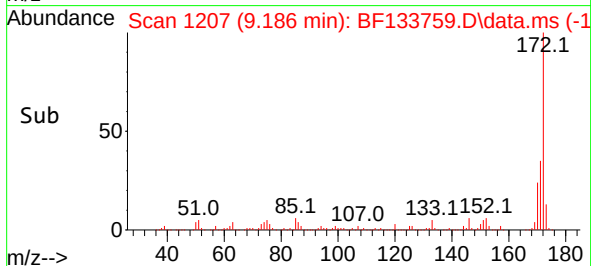
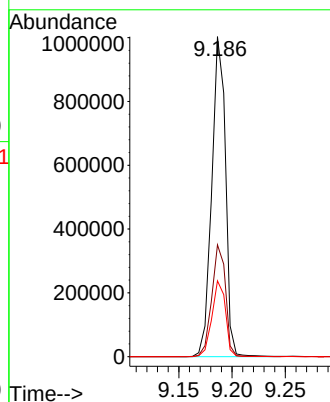
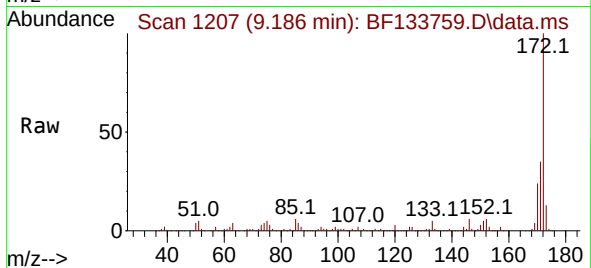
Tgt Ion:172 Resp: 899898

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.7 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.494 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.206 min

Lab File: BF133759.D

Acq: 14 Jun 2023 19:22

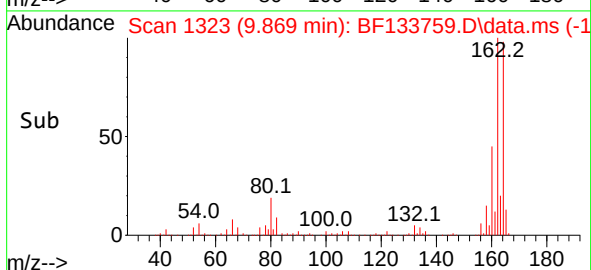
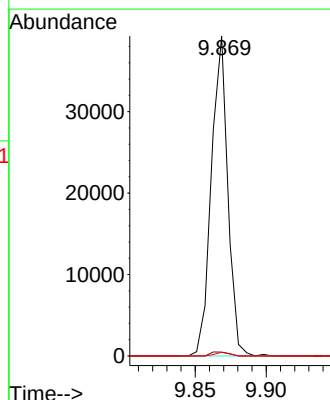
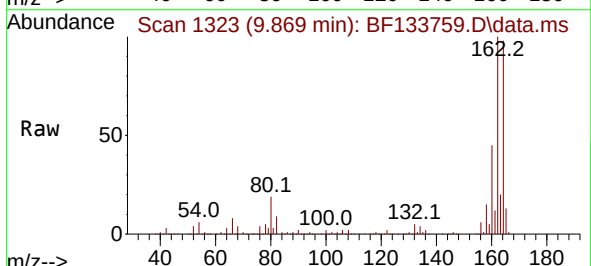
Tgt Ion:165 Resp: 31607

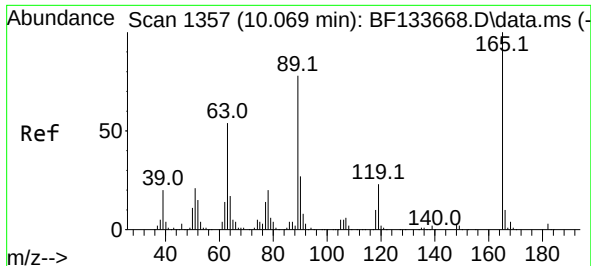
Ion Ratio Lower Upper

165 100

63 1.2 42.1 63.1#

89 1.1 40.9 61.3#

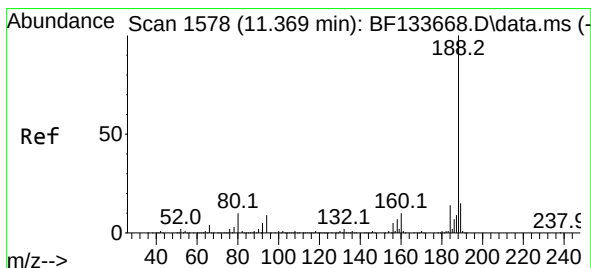
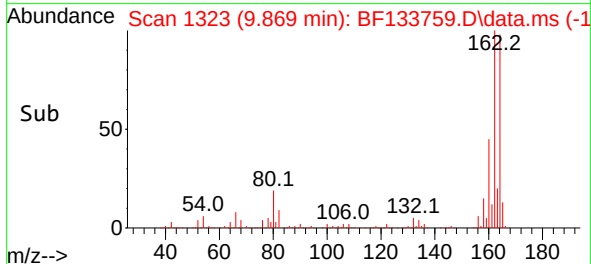
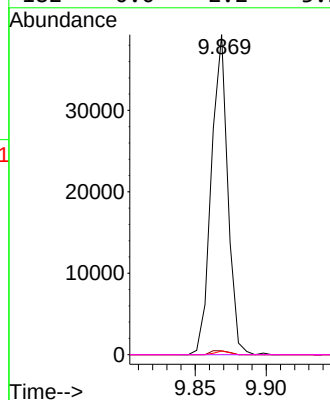
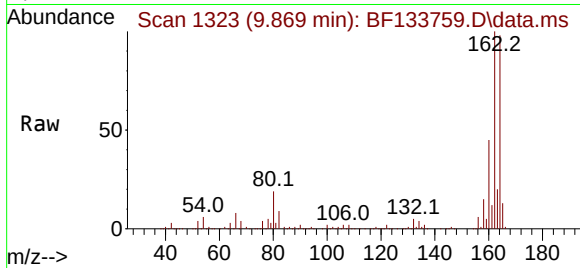




#57
2,4-Dinitrotoluene
Concen: 6.679 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

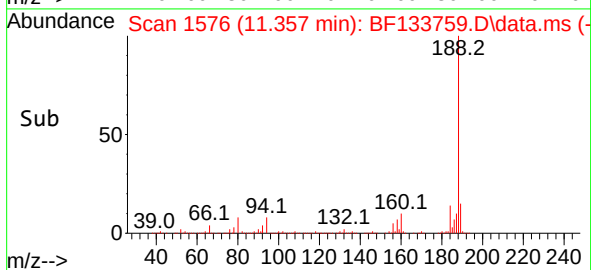
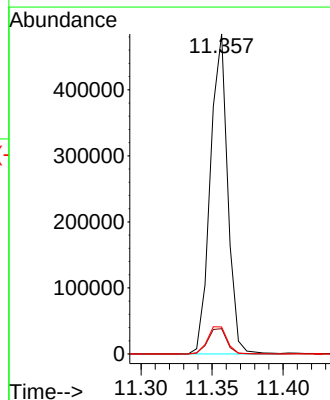
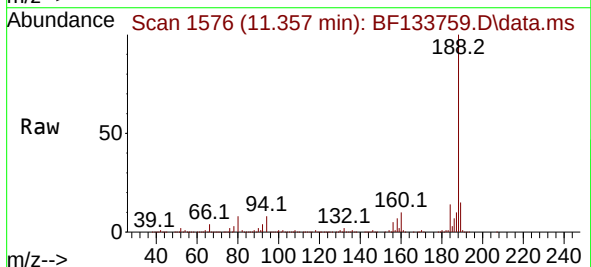
Instrument :
BNA_F
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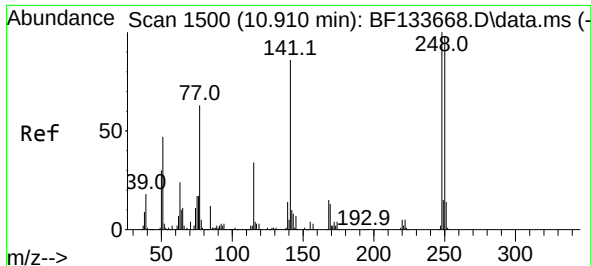
Tgt Ion:165 Resp: 31607
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion:188 Resp: 411498
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.5 7.8 11.6

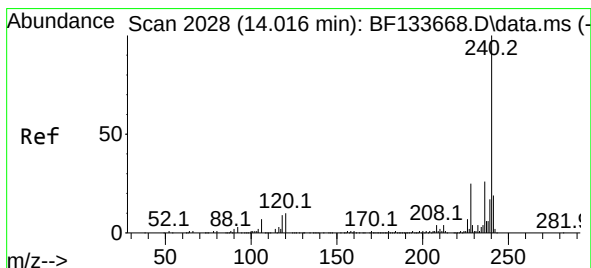
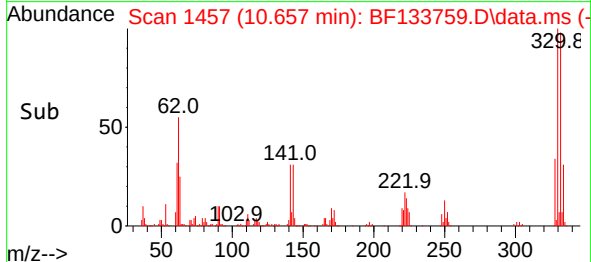
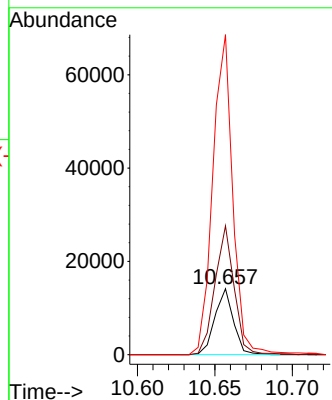
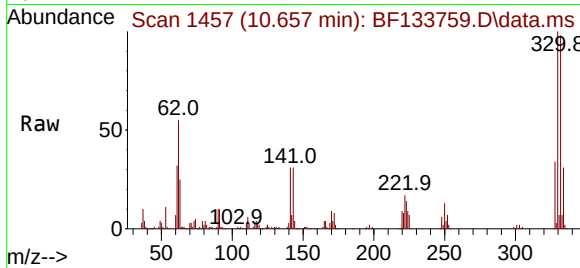




#67
4-Bromophenyl-phenylether
Concen: 2.563 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

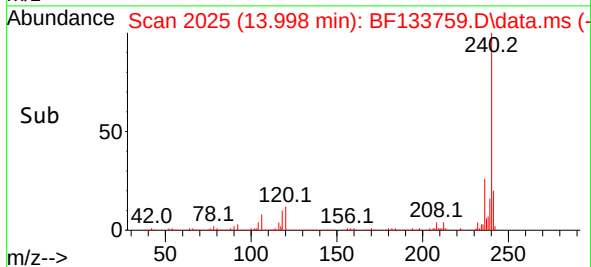
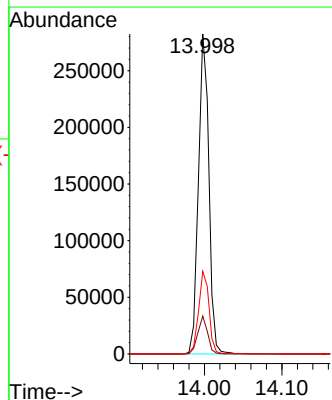
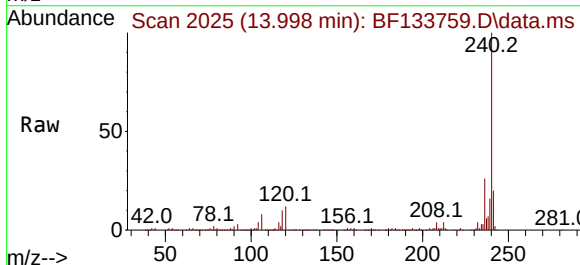
Instrument :
BNA_F
ClientSampleId :
TP-1RE

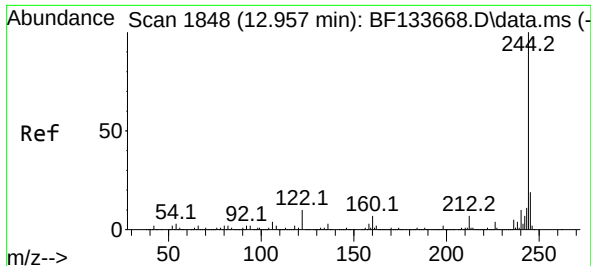
Tgt Ion:248 Resp: 11771
Ion Ratio Lower Upper
248 100
250 195.4 78.3 117.5#
141 485.6 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion:240 Resp: 263631
Ion Ratio Lower Upper
240 100
120 11.9 8.1 12.1
236 25.8 20.5 30.7

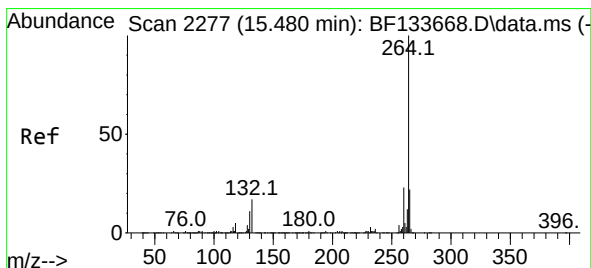
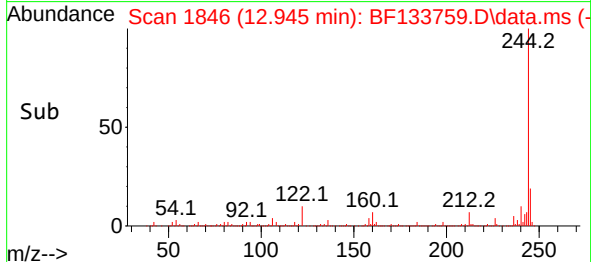
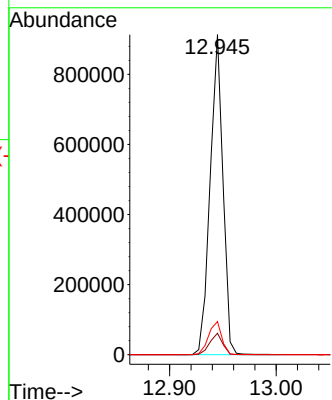
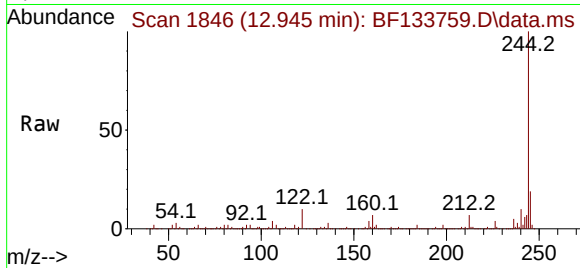




#79
 Terphenyl-d14
 Concen: 44.738 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133759.D
 Acq: 14 Jun 2023 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Tgt Ion:244 Resp: 762235
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133759.D
 Acq: 14 Jun 2023 19:22

Tgt Ion:264 Resp: 278399
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 21.0 17.8 26.6

