

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137983.D
 Acq On : 21 May 2024 17:42
 Operator : CG\JU
 Sample : P2540-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Quant Time: May 21 18:30:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

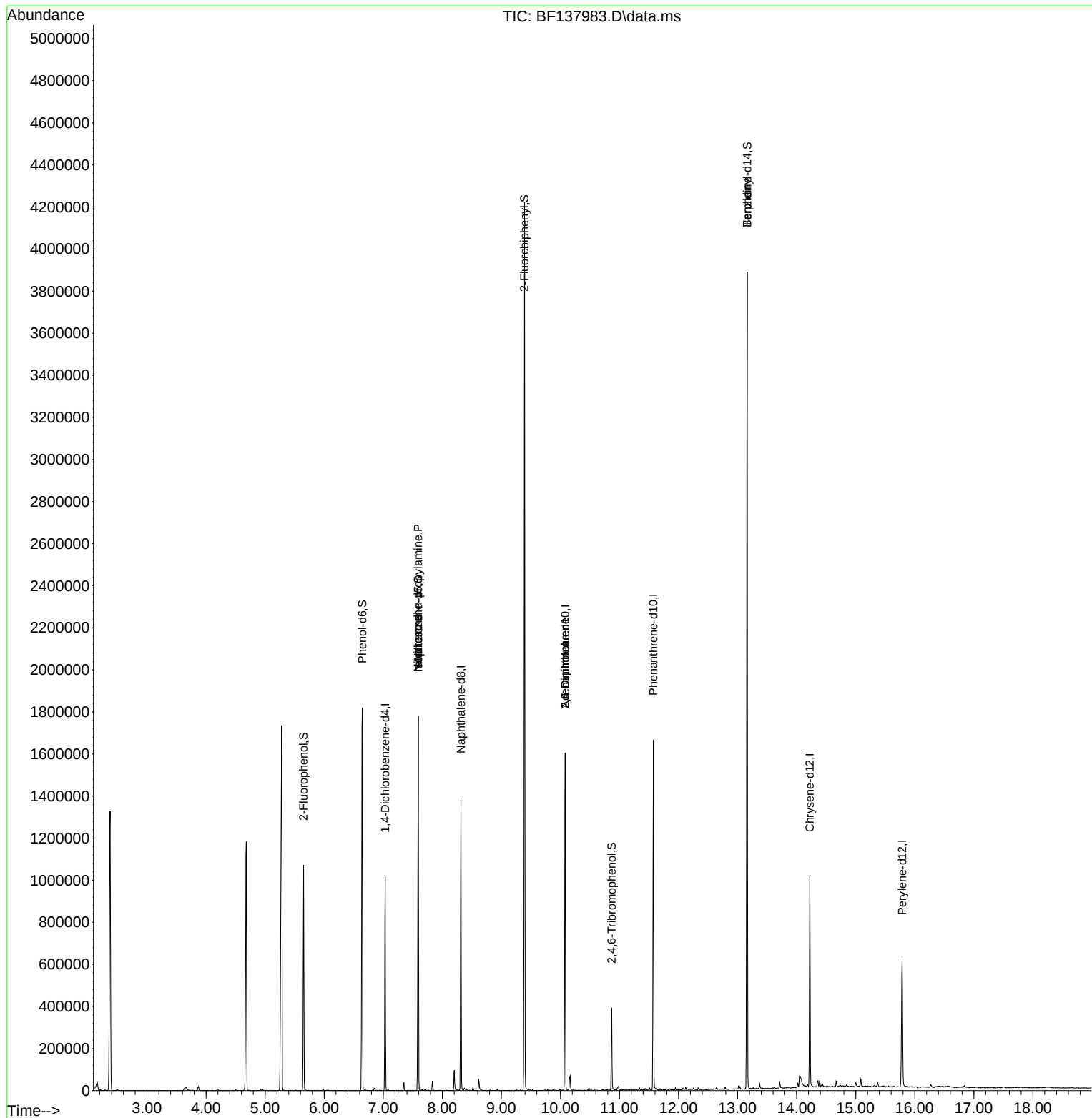
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	144293	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	568909	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	327525	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	557681	20.000	ng	0.00
76) Chrysene-d12	14.221	240	309639	20.000	ng	0.00
86) Perylene-d12	15.786	264	303934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	274302	32.291	ng	-0.01
7) Phenol-d6	6.645	99	670599	64.086	ng	-0.01
23) Nitrobenzene-d5	7.592	82	527174	54.533	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	53124	16.086	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	1207990	56.813	ng	0.00
79) Terphenyl-d14	13.163	244	1340756	63.816	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.592	70	69013	11.739	ng	# 75
25) Isophorone	7.592	82	527167	31.421	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	42294	8.972	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	42294	6.940	ng	# 33
77) Benzidine	13.163	184	15662	3.870	ng	# 92

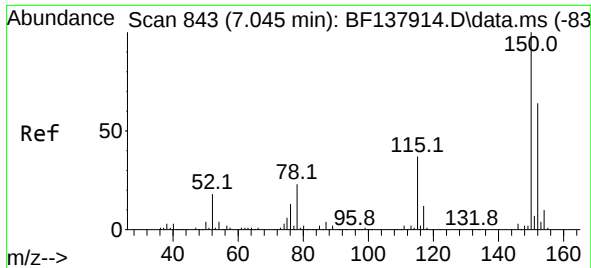
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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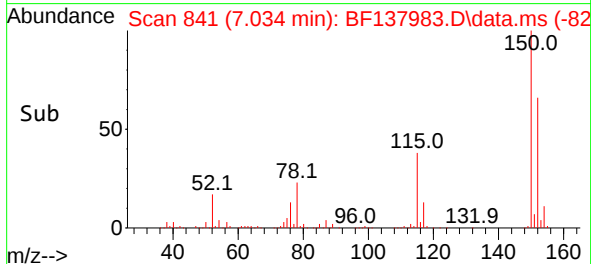
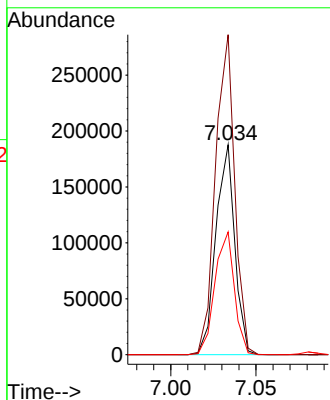
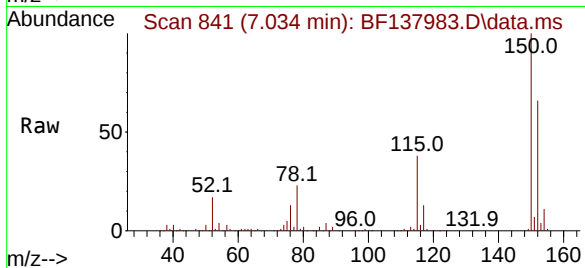




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

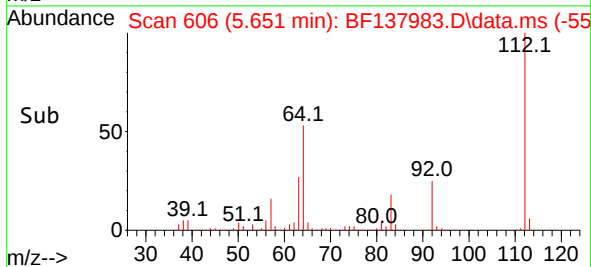
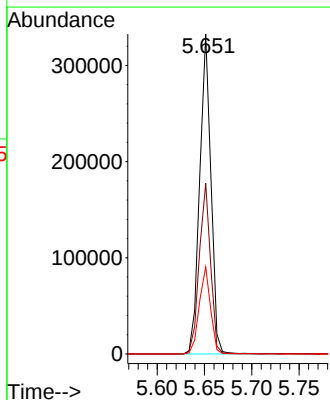
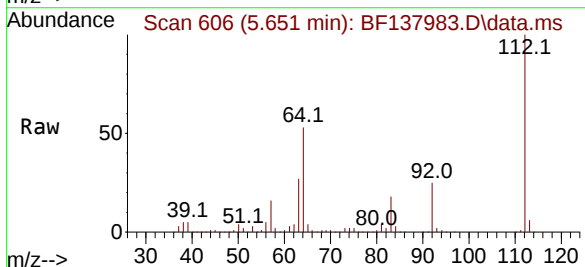
Instrument :
BNA_F
ClientSampleId :
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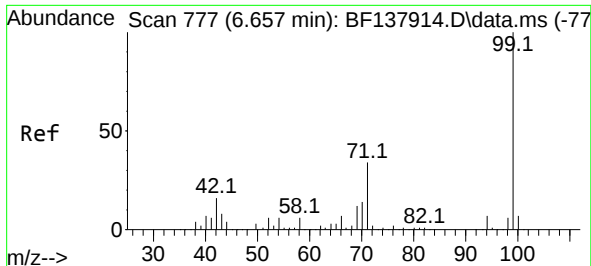
Tgt Ion:152 Resp: 144293
Ion Ratio Lower Upper
152 100
150 152.4 125.7 188.5
115 58.5 47.0 70.6



#5
2-Fluorophenol
Concen: 32.291 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

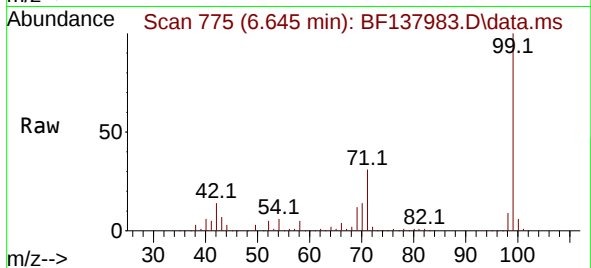
Tgt Ion:112 Resp: 274302
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 27.2 21.4 32.2



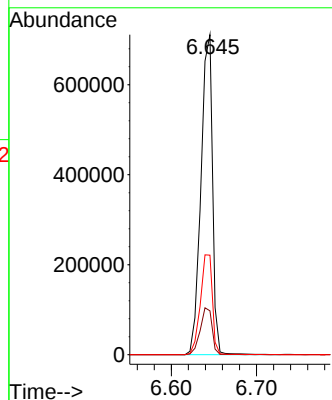
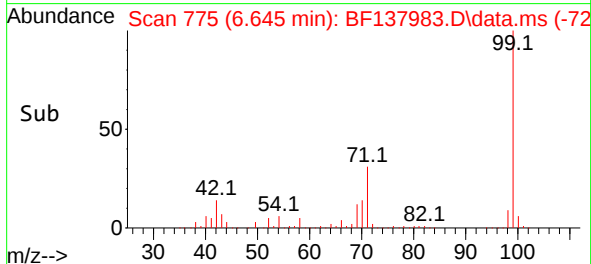


#7
Phenol-d6
Concen: 64.086 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

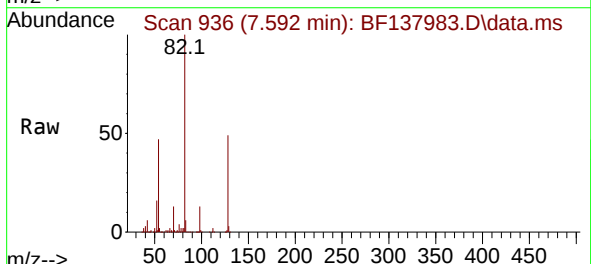
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP



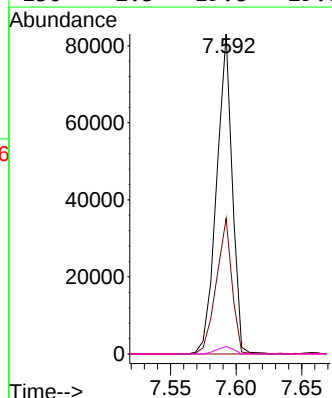
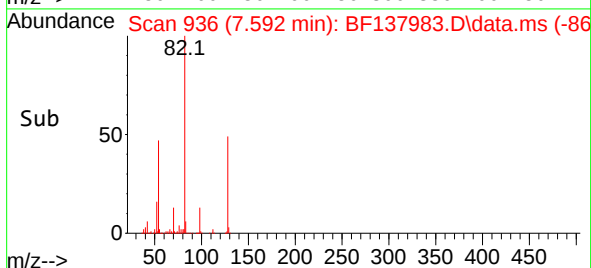
Tgt Ion: 99 Resp: 670599
Ion Ratio Lower Upper
99 100
42 13.7 12.6 18.8
71 31.1 27.1 40.7

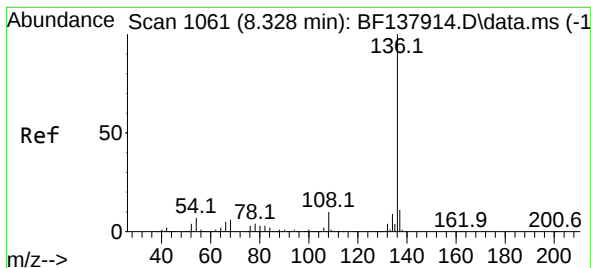


#19
n-Nitroso-di-n-propylamine
Concen: 11.739 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42



Tgt Ion: 70 Resp: 69013
Ion Ratio Lower Upper
70 100
42 42.3 42.2 63.4
101 0.0 8.8 13.2#
130 2.3 19.8 29.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.012 min

Lab File: BF137983.D

Acq: 21 May 2024 17:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

Tgt Ion:136 Resp: 568909

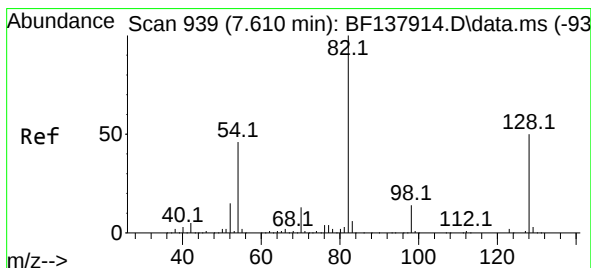
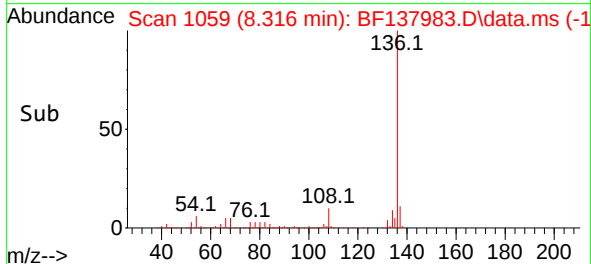
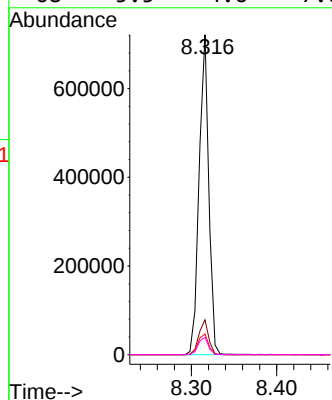
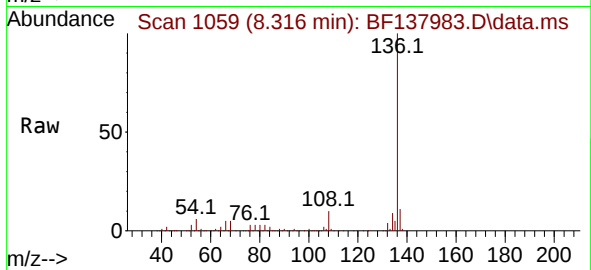
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.4 8.2

68 5.5 4.6 7.0



#23

Nitrobenzene-d5

Concen: 54.533 ng

RT: 7.592 min Scan# 936

Delta R.T. -0.018 min

Lab File: BF137983.D

Acq: 21 May 2024 17:42

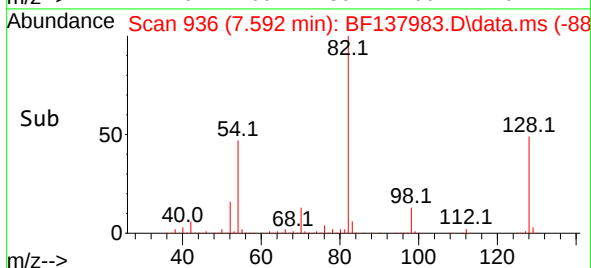
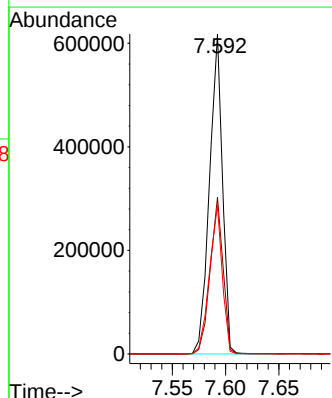
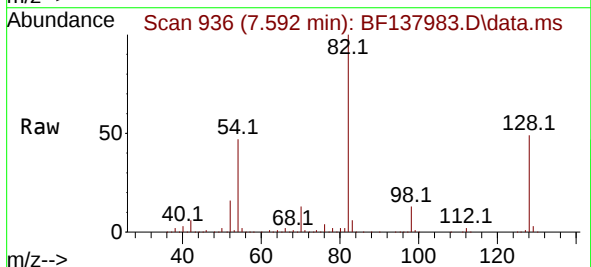
Tgt Ion: 82 Resp: 527174

Ion Ratio Lower Upper

82 100

128 49.0 40.3 60.5

54 46.6 36.8 55.2

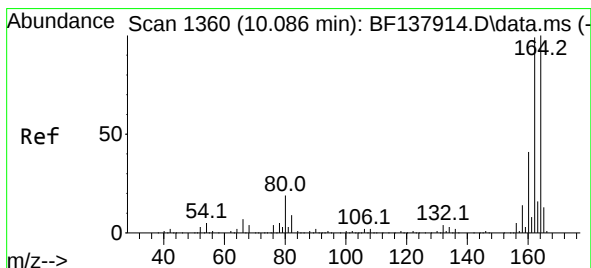
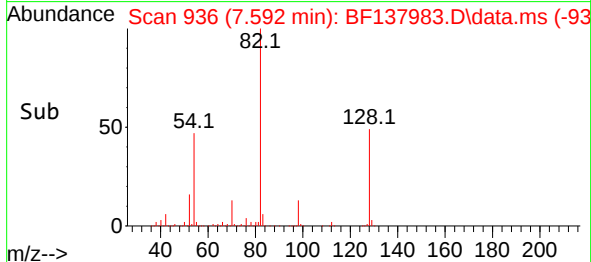
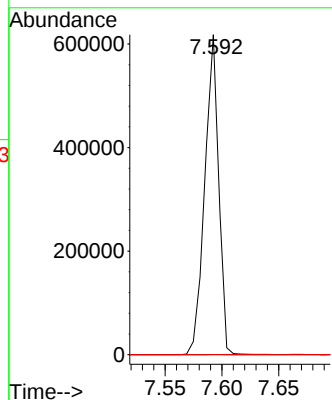
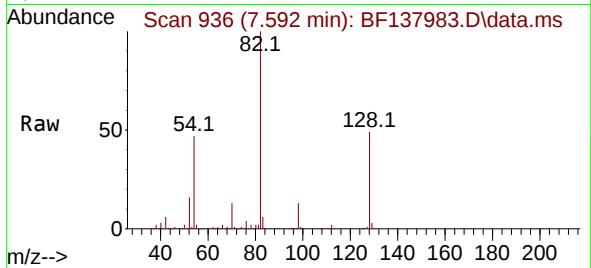




#25
Isophorone
Concen: 31.421 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

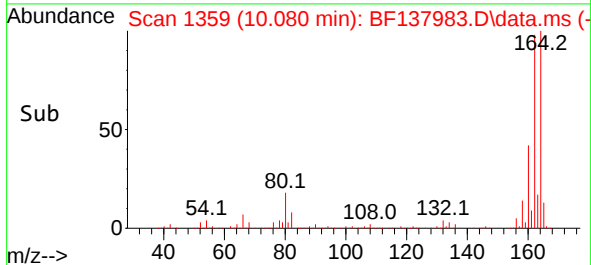
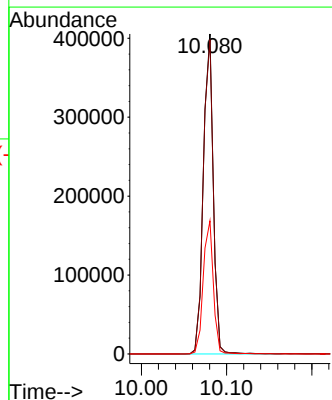
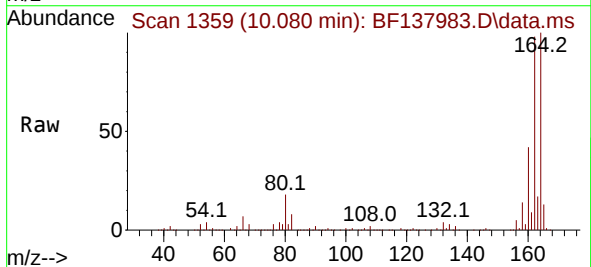
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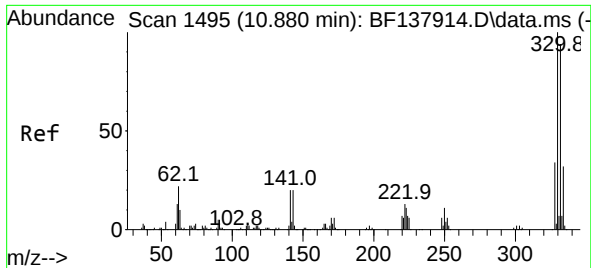
Tgt Ion: 82 Resp: 527167
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

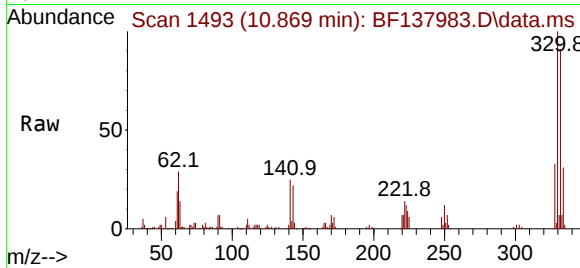
Tgt Ion:164 Resp: 327525
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.2
160 41.6 33.1 49.7



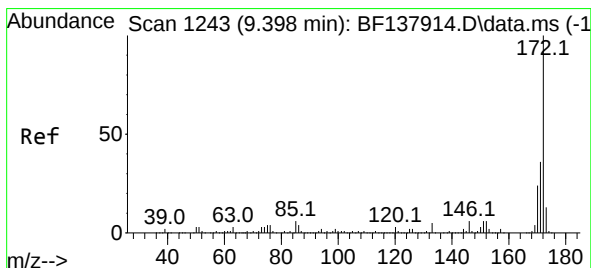
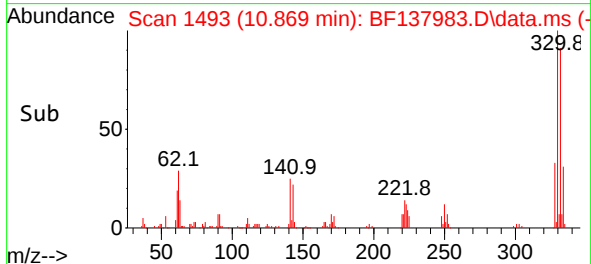
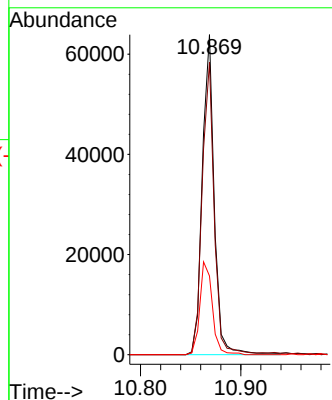


#42
2,4,6-Tribromophenol
Concen: 16.086 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

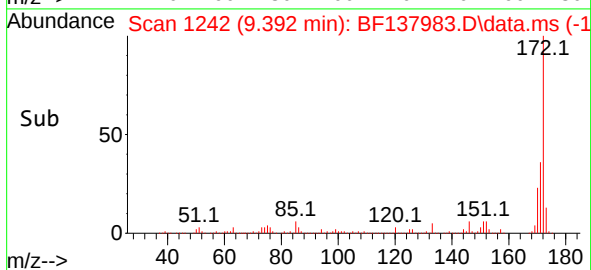
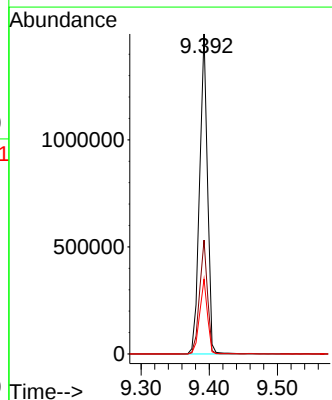
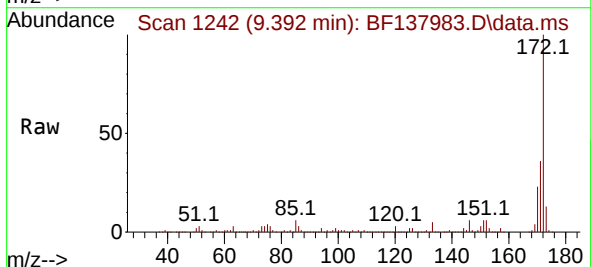


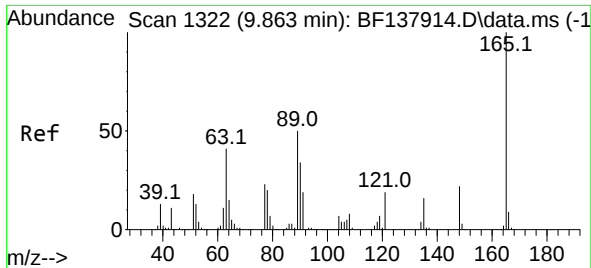
Tgt Ion:330 Resp: 53124
Ion Ratio Lower Upper
330 100
332 91.8 75.8 113.8
141 30.2 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 56.813 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

Tgt Ion:172 Resp: 1207990
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.4 18.9 28.3

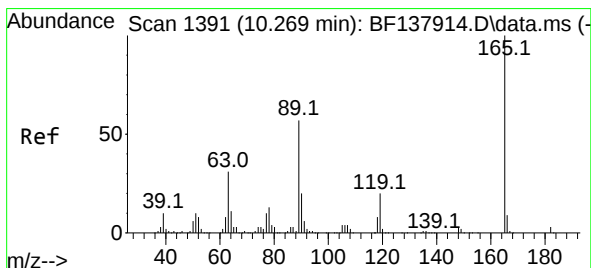
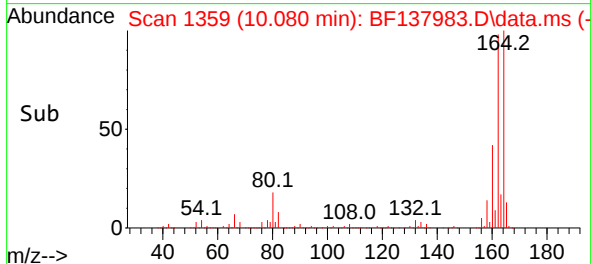
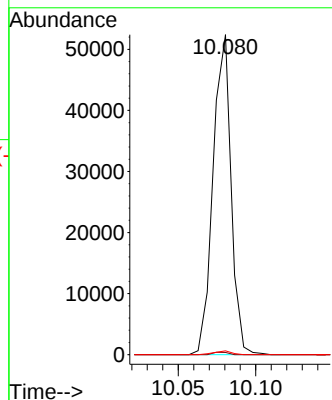
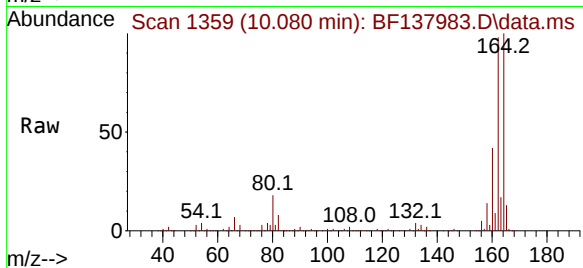




#51
2,6-Dinitrotoluene
Concen: 8.972 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

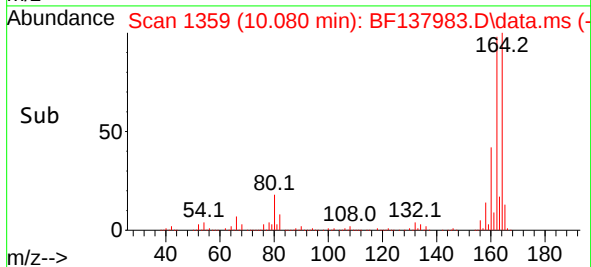
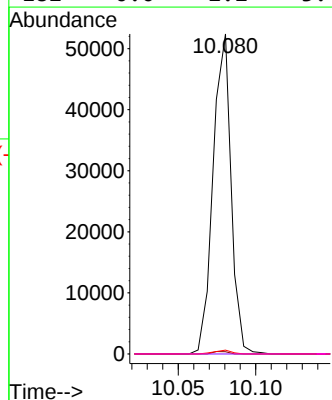
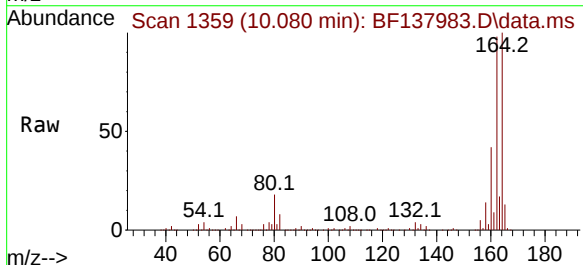
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ClientSampleId :
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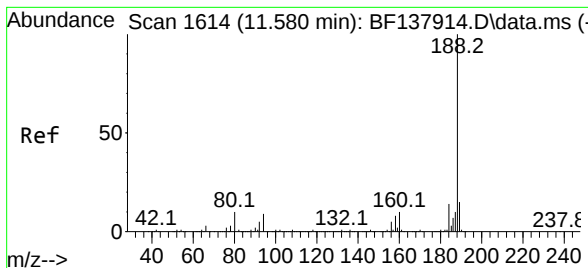
Tgt Ion:165 Resp: 42294
Ion Ratio Lower Upper
165 100
63 0.7 38.9 58.3#
89 1.2 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.940 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

Tgt Ion:165 Resp: 42294
Ion Ratio Lower Upper
165 100
63 0.7 25.3 37.9#
89 1.2 45.9 68.9#
182 0.0 2.2 3.4#

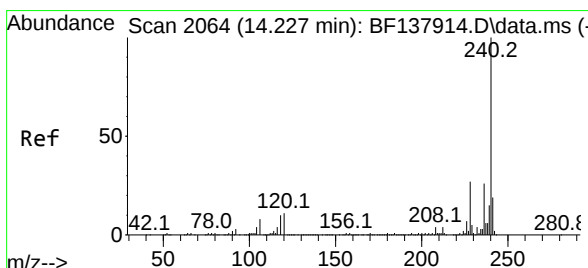
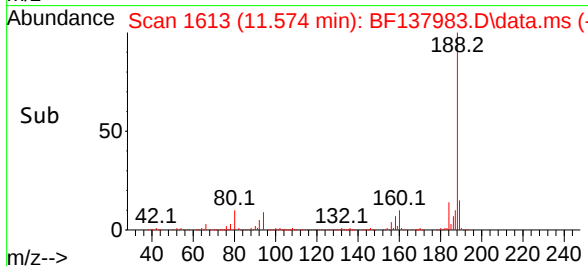
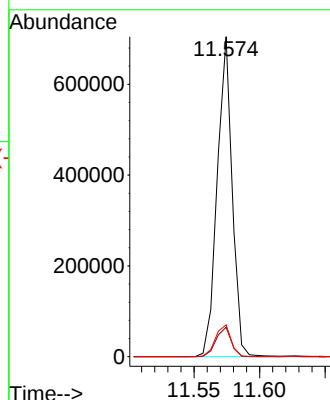
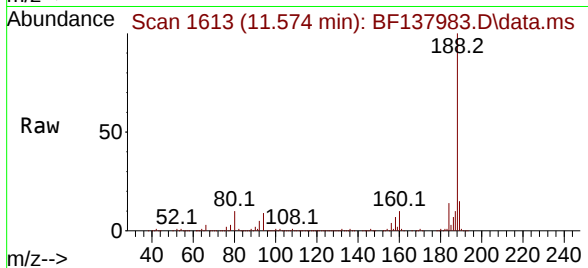




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

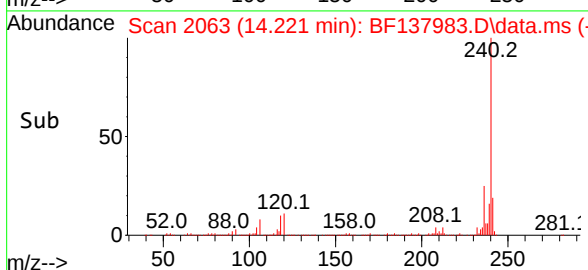
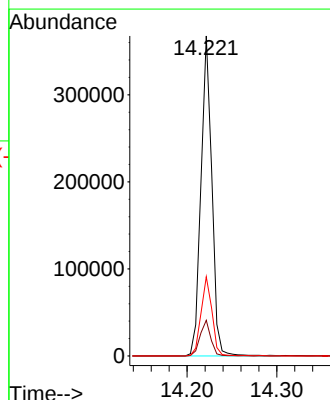
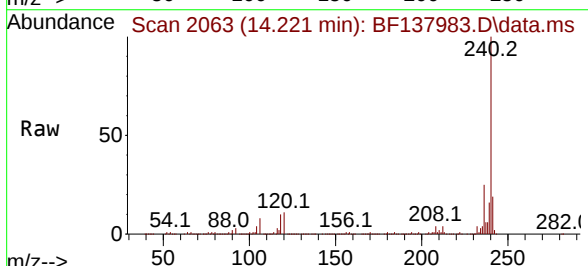
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CONCRETE-COMP

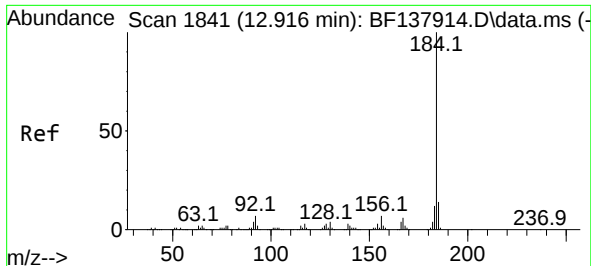
Tgt Ion:188 Resp: 557681
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

Tgt Ion:240 Resp: 309639
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 24.7 21.0 31.4

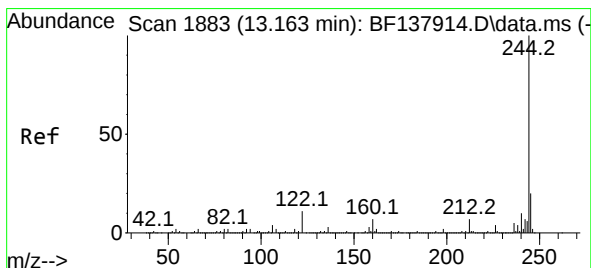
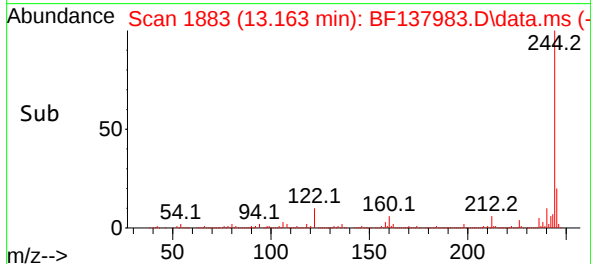
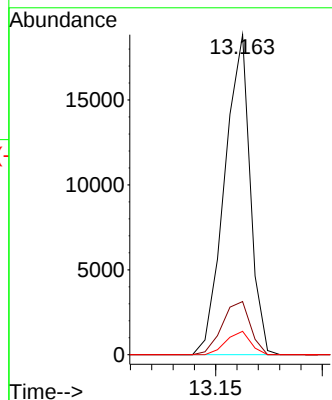
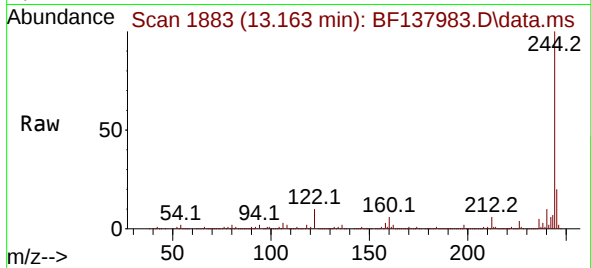




#77
Benzidine
Concen: 3.870 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

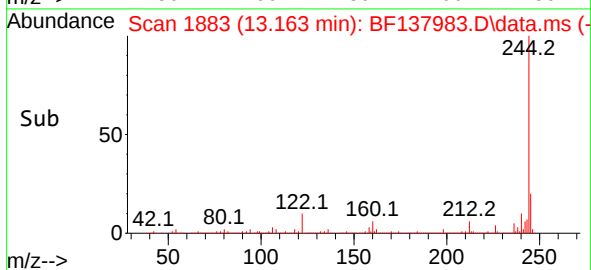
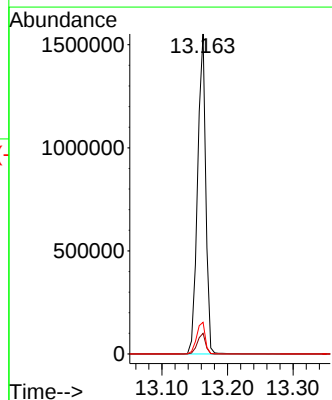
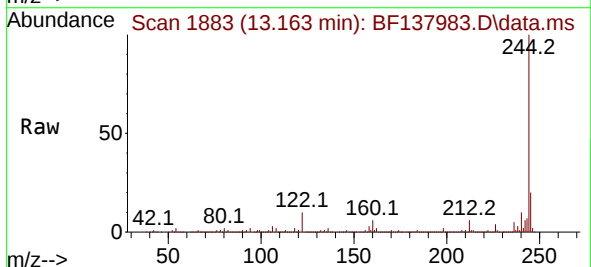
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

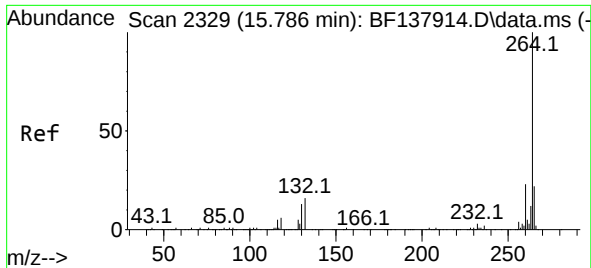
Tgt Ion:184 Resp: 15662
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.2
183 7.3 9.5 14.3#



#79
Terphenyl-d14
Concen: 63.816 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF137983.D
Acq: 21 May 2024 17:42

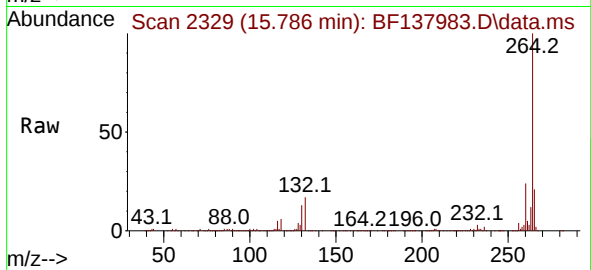
Tgt Ion:244 Resp: 1340756
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137983.D
 Acq: 21 May 2024 17:42

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP



Tgt Ion:264 Resp: 303934
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.2 17.6 26.4

