

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140095.D
 Acq On : 28 Oct 2024 18:59
 Operator : RC/JU
 Sample : P4574-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-2

Quant Time: Oct 29 00:55:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

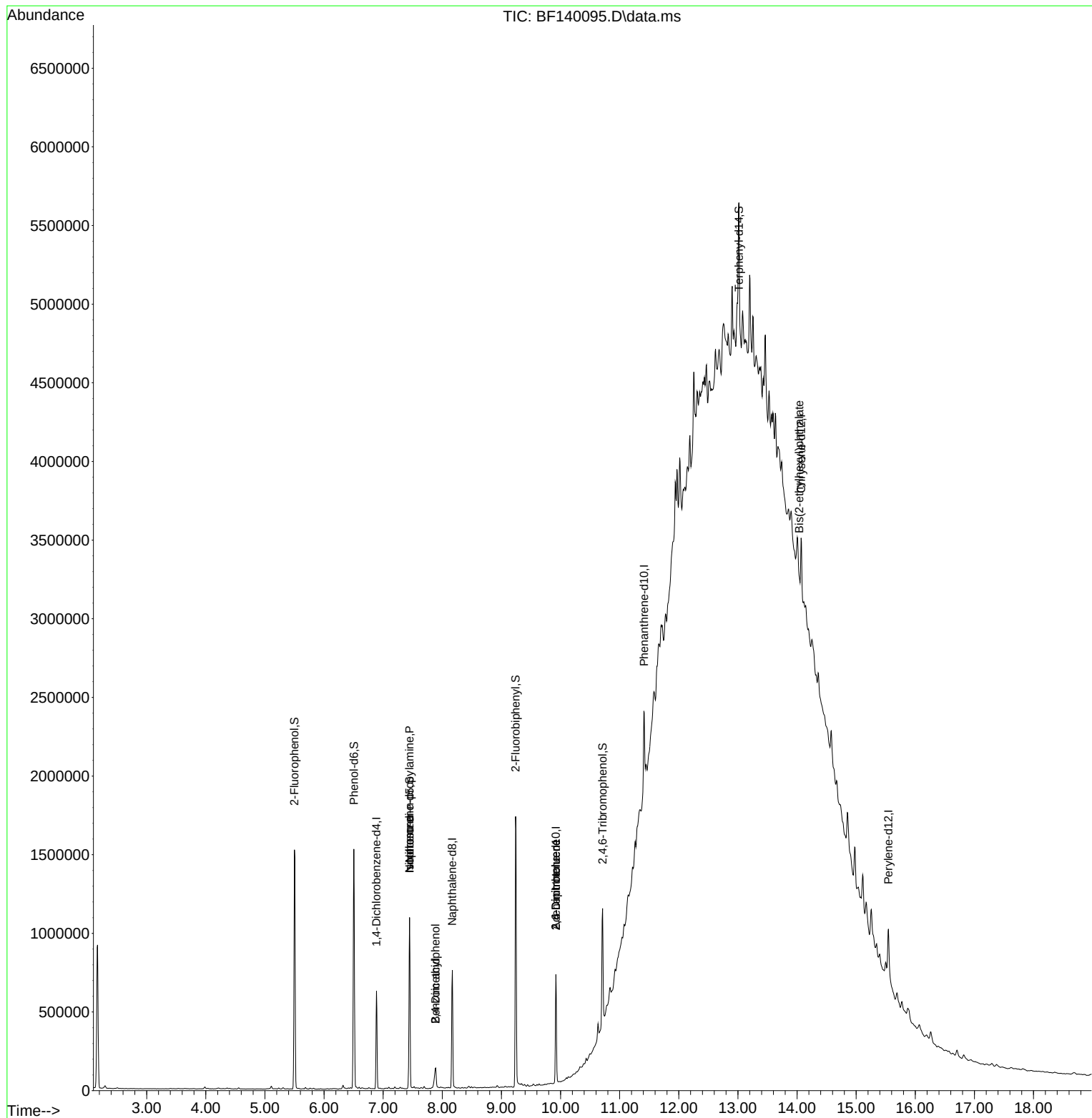
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	121315	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	437968	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	202704	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	274935	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	211748	20.000	ng	# 0.02
86) Perylene-d12	15.545	264	189769	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	563357	72.697	ng	0.00
7) Phenol-d6	6.504	99	701839	69.928	ng	0.00
23) Nitrobenzene-d5	7.445	82	464997	58.844	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	136178	71.823	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	797003	64.982	ng	-0.01
79) Terphenyl-d14	13.016	244	579416	44.588	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	60430	9.927	ng	# 78
25) Isophorone	7.445	82	459954	30.667	ng	# 67
27) 2,4-Dimethylphenol	7.887	122	58444	10.724	ng	# 4
32) Benzoic acid	7.887	122	58444	12.295	ng	97
51) 2,6-Dinitrotoluene	9.922	165	26194	9.582	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	26194	7.792	ng	# 21
84) Bis(2-ethylhexyl)phtha...	14.039	149	19127	3.068	ng	# 95

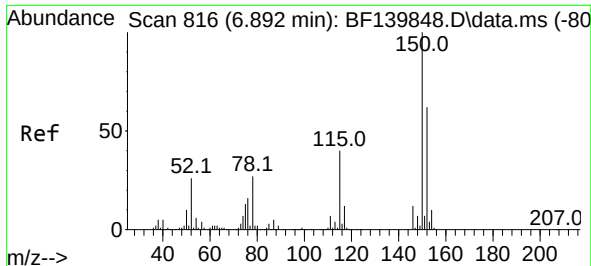
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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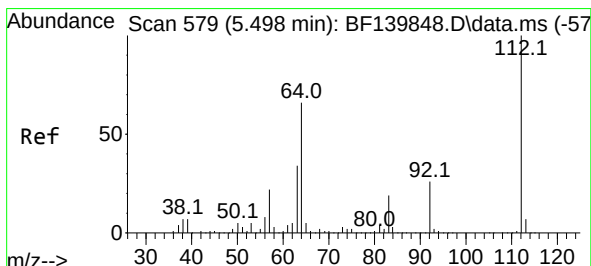
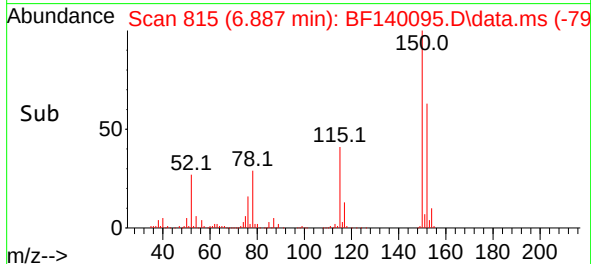
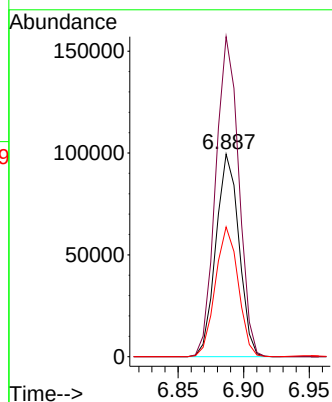
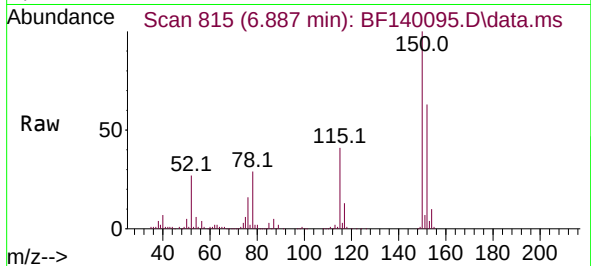




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

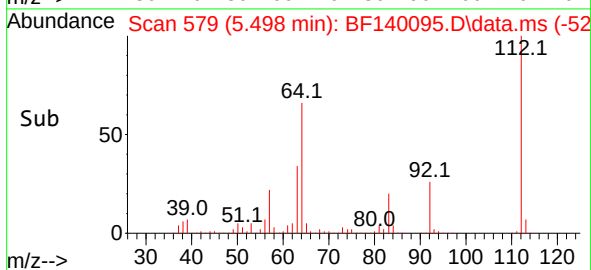
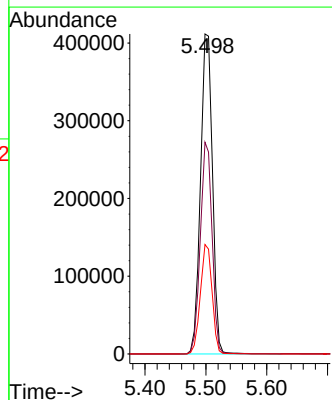
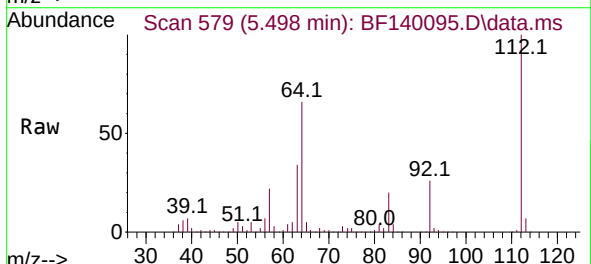
Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

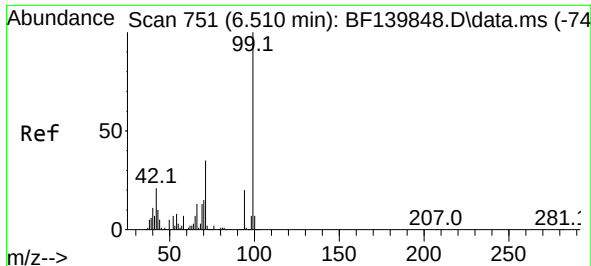
Tgt Ion:152 Resp: 121315
Ion Ratio Lower Upper
152 100
150 158.0 130.2 195.2
115 64.1 51.4 77.2



#5
2-Fluorophenol
Concen: 72.697 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Tgt Ion:112 Resp: 563357
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 34.2 27.0 40.4

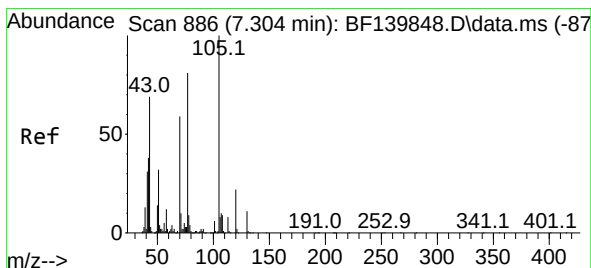
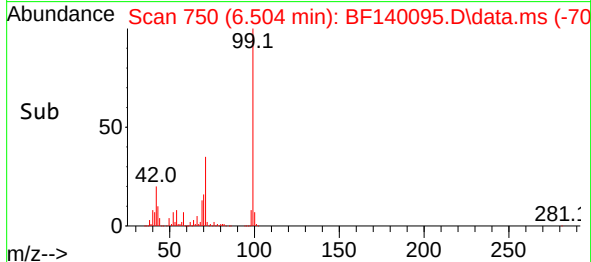
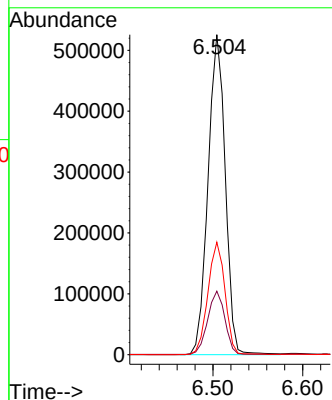
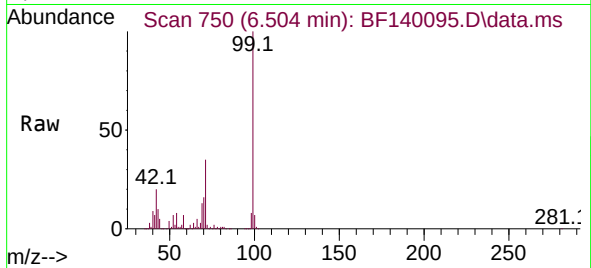




#7
Phenol-d6
Concen: 69.928 ng
RT: 6.504 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

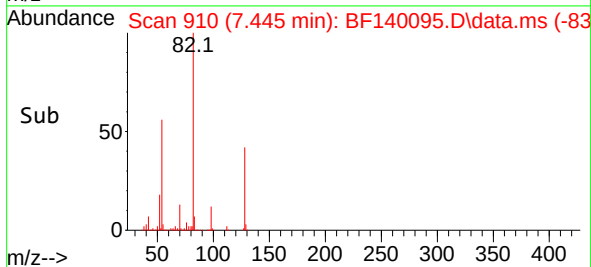
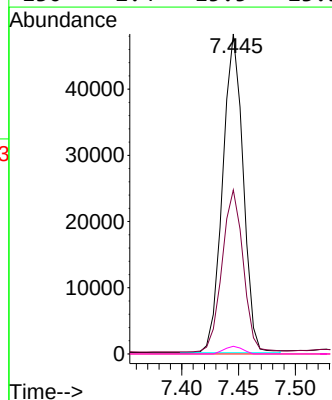
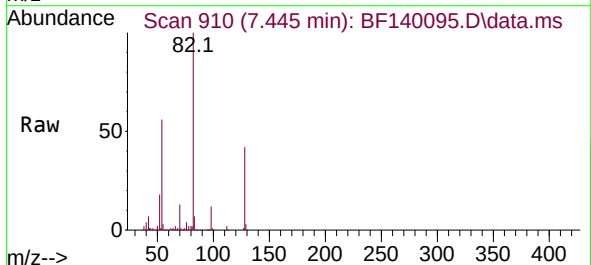
Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

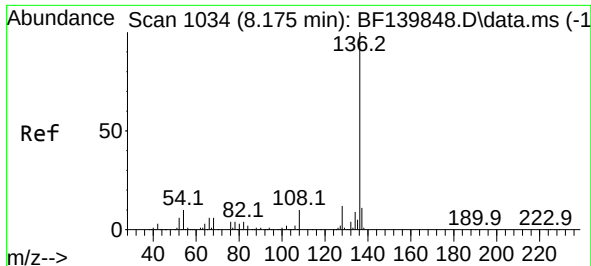
Tgt Ion: 99 Resp: 701839
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 35.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.927 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Tgt Ion: 70 Resp: 60430
Ion Ratio Lower Upper
70 100
42 51.2 51.5 77.3#
101 0.0 7.5 11.3#
130 2.4 15.5 23.3#



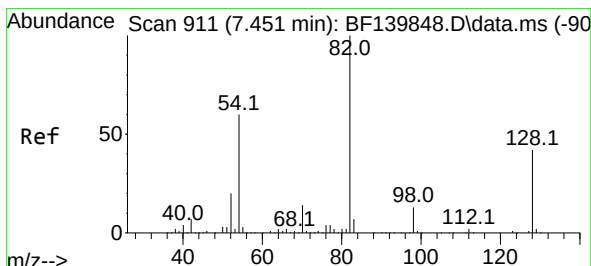
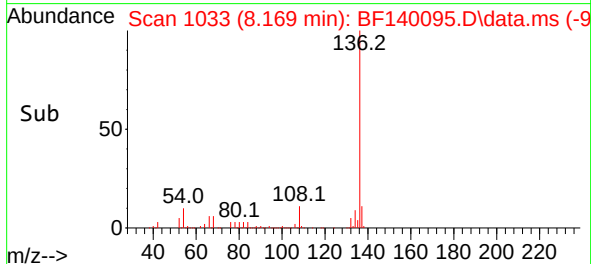
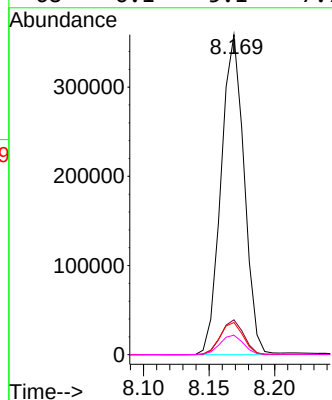
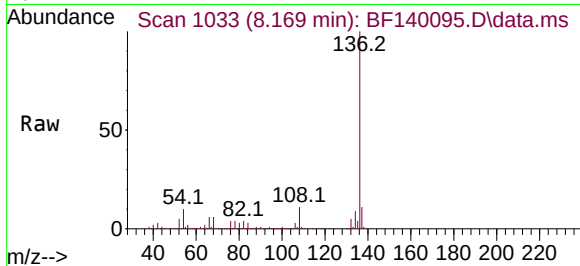


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

Tgt Ion:136 Resp: 437968

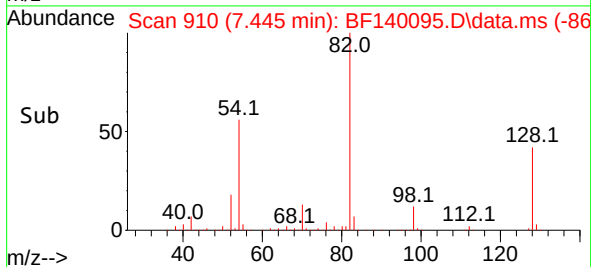
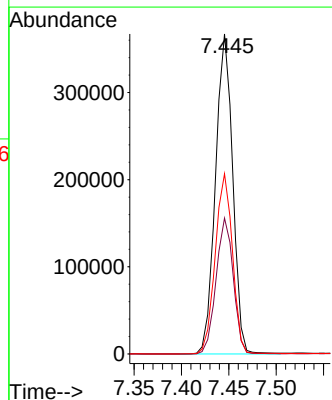
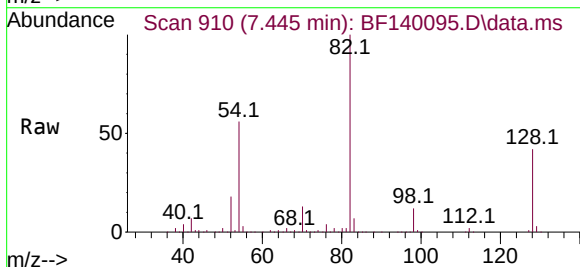
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.4	12.6
68	6.1	5.1	7.7

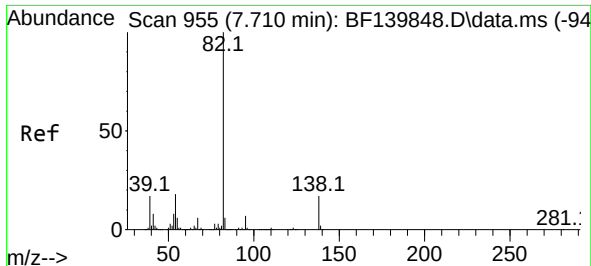


#23
Nitrobenzene-d5
Concen: 58.844 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Tgt Ion: 82 Resp: 464997

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	56.3	47.8	71.8

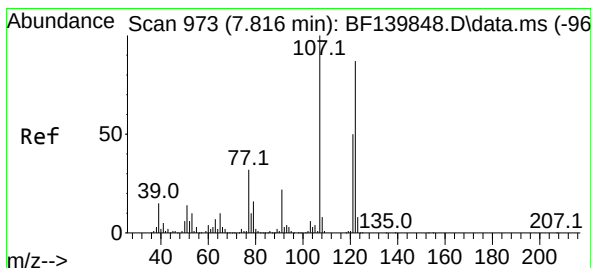
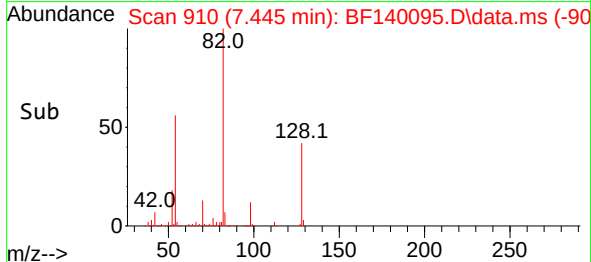
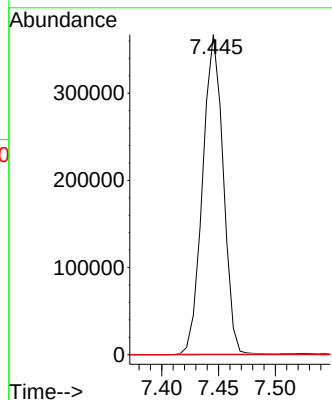
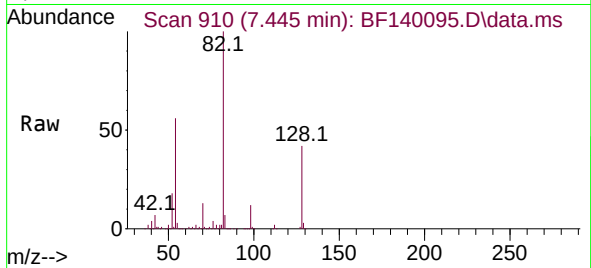




#25
Isophorone
Concen: 30.667 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

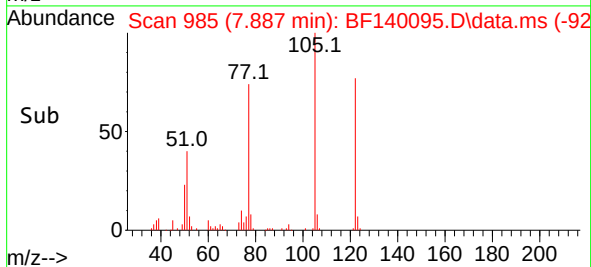
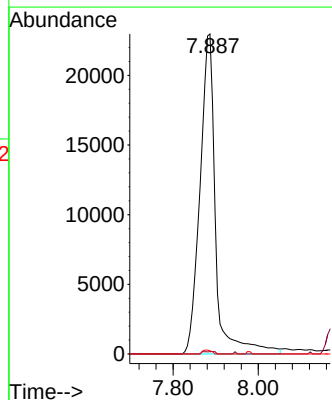
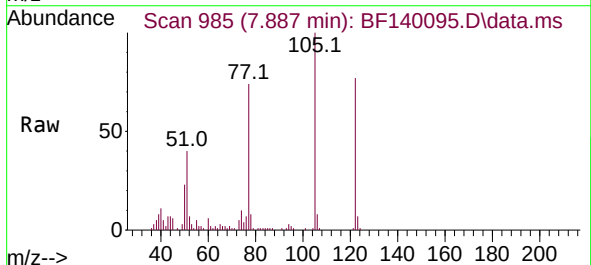
Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

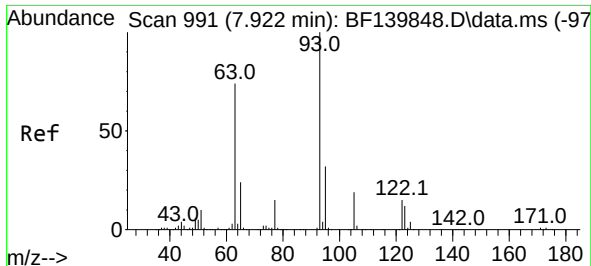
Tgt Ion: 82 Resp: 459954
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.2 19.8#



#27
2,4-Dimethylphenol
Concen: 10.724 ng
RT: 7.887 min Scan# 985
Delta R.T. 0.071 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Tgt Ion:122 Resp: 58444
Ion Ratio Lower Upper
122 100
107 0.7 91.9 137.9#
121 1.0 46.2 69.4#

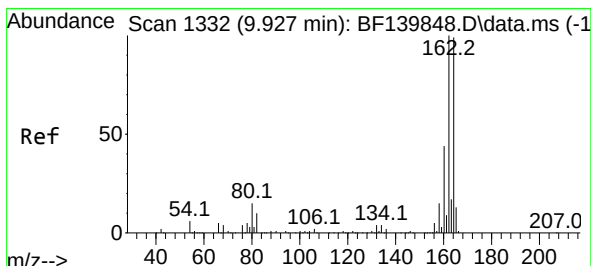
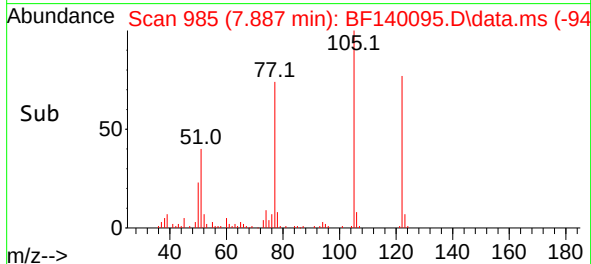
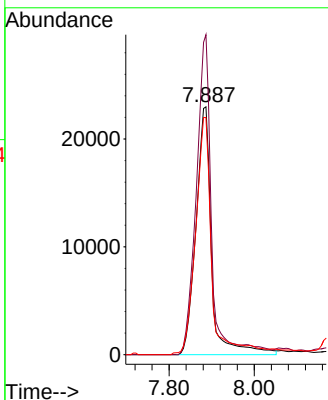
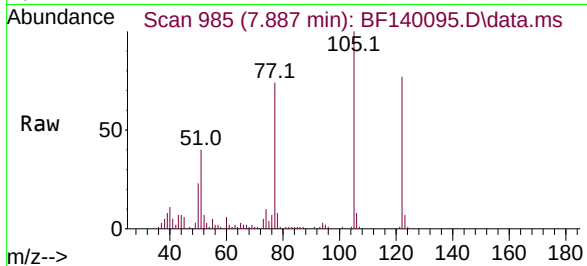




#32
Benzoic acid
Concen: 12.295 ng
RT: 7.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

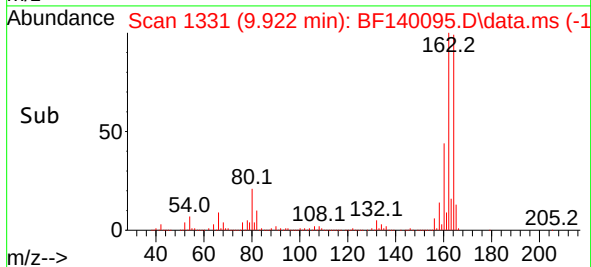
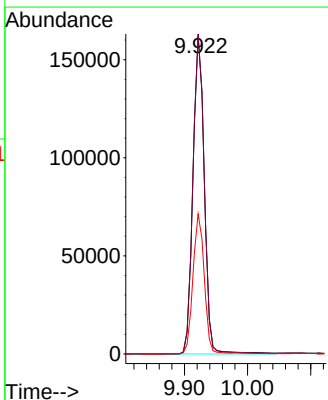
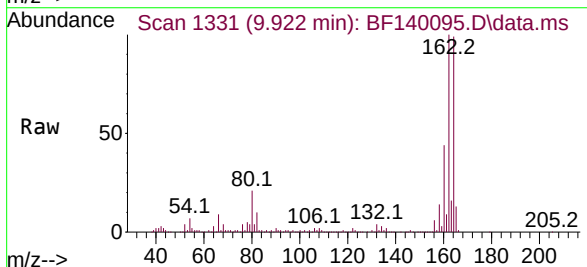
Instrument :
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ClientSampleId :
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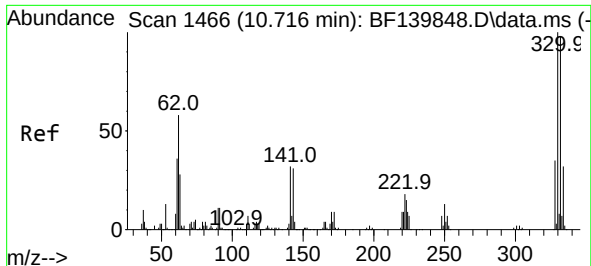
Tgt Ion:122 Resp: 58444
Ion Ratio Lower Upper
122 100
105 129.1 107.6 147.6
77 95.7 80.2 120.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

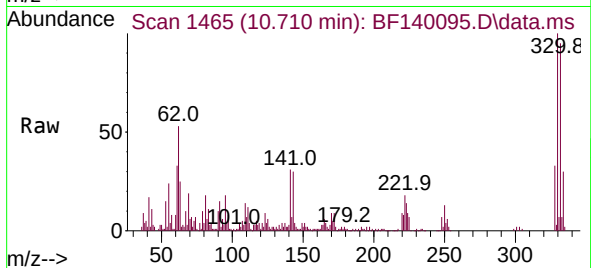
Tgt Ion:164 Resp: 202704
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.1 35.4 53.0



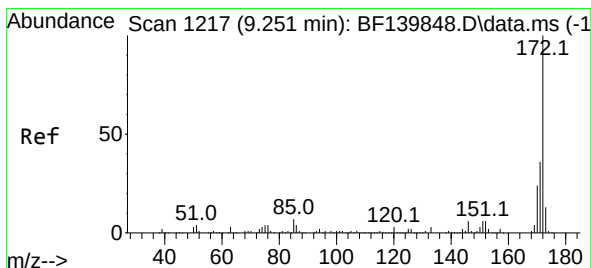
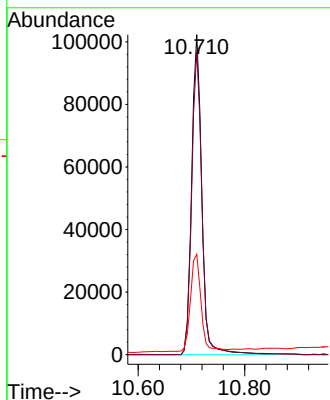
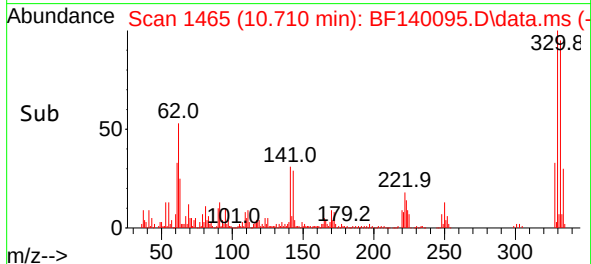


#42
2,4,6-Tribromophenol
Concen: 71.823 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

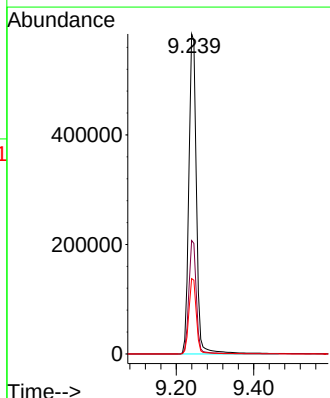
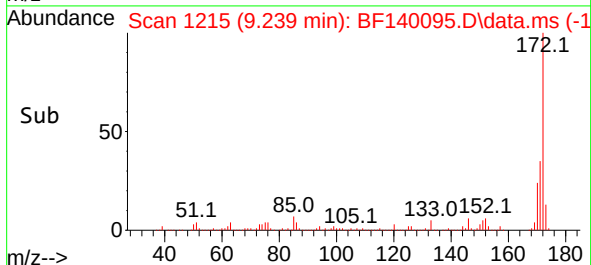
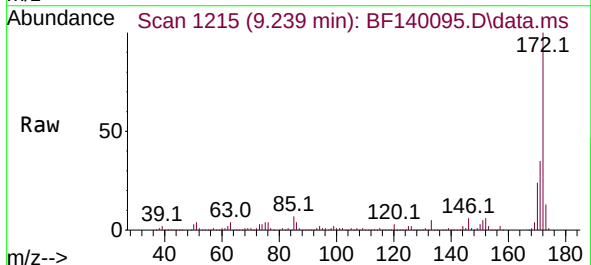


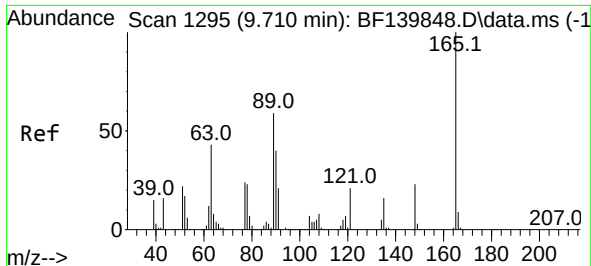
Tgt Ion:330 Resp: 136178
Ion Ratio Lower Upper
330 100
332 95.2 78.1 117.1
141 31.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 64.982 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Tgt Ion:172 Resp: 797003
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.6 19.1 28.7

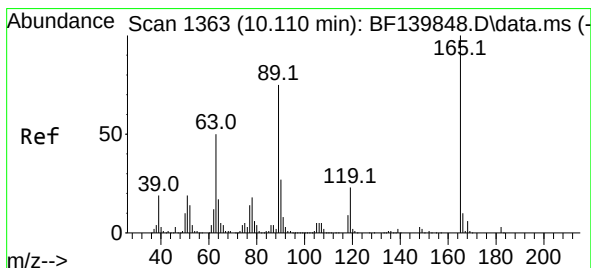
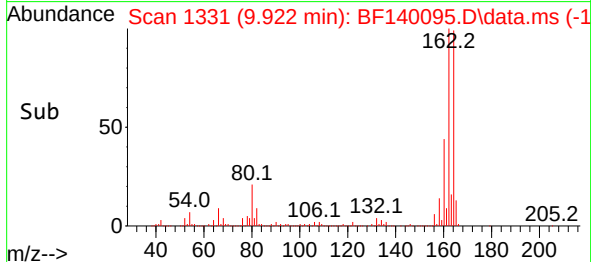
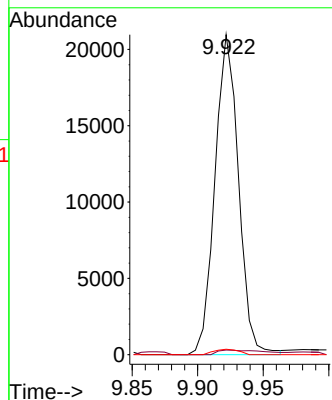
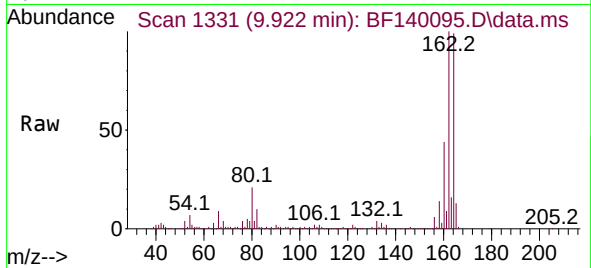




#51
2,6-Dinitrotoluene
Concen: 9.582 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

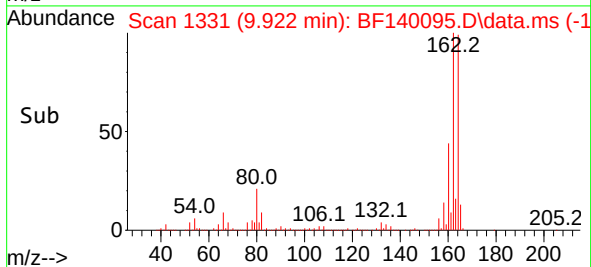
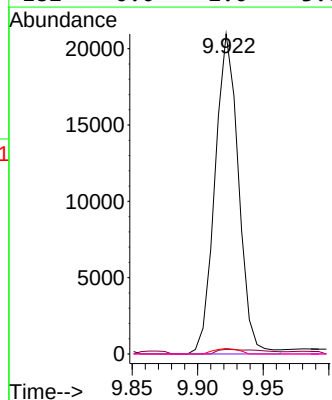
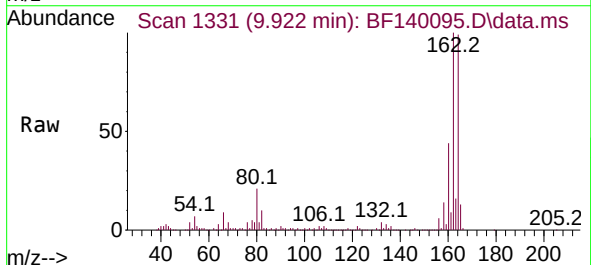
Instrument :
BNA_F
ClientSampleId :
GRAVEL-2

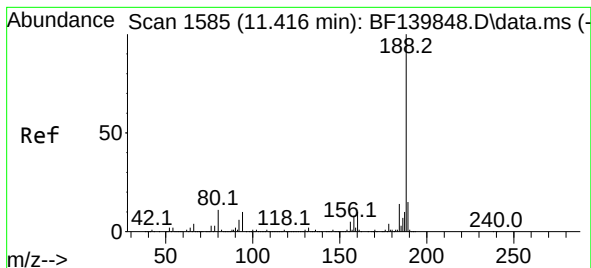
Tgt Ion:165 Resp: 26194
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.7 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.792 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140095.D
Acq: 28 Oct 2024 18:59

Tgt Ion:165 Resp: 26194
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.7 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140095.D

Acq: 28 Oct 2024 18:59

Instrument :

BNA_F

ClientSampleId :

GRAVEL-2

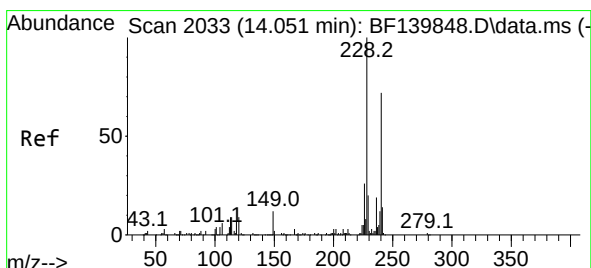
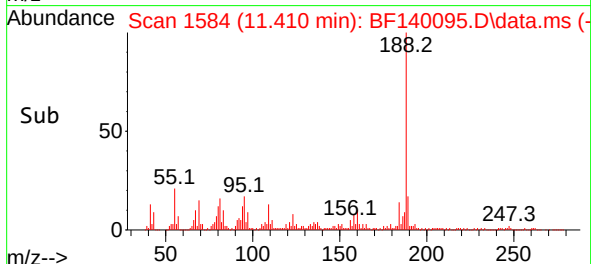
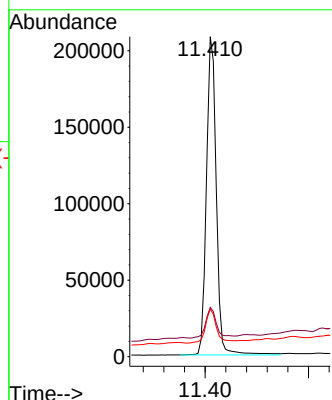
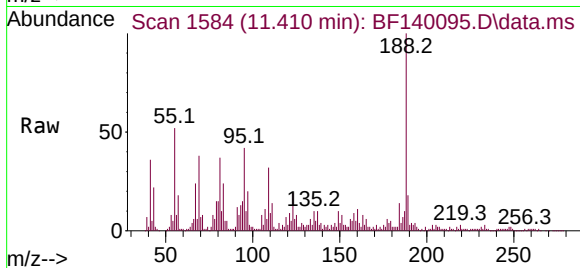
Tgt Ion:188 Resp: 274935

Ion Ratio Lower Upper

188 100

94 15.4 7.9 11.9#

80 14.9 9.0 13.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140095.D

Acq: 28 Oct 2024 18:59

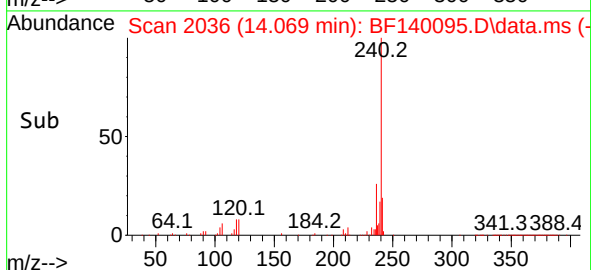
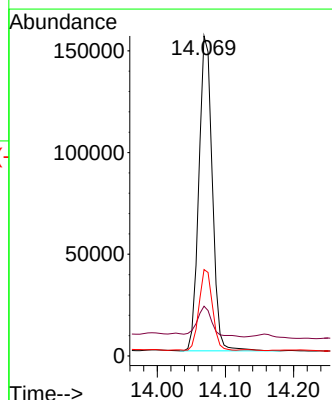
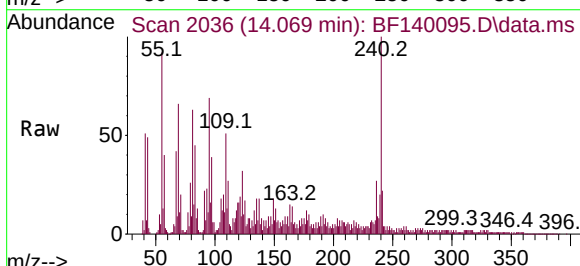
Tgt Ion:240 Resp: 211748

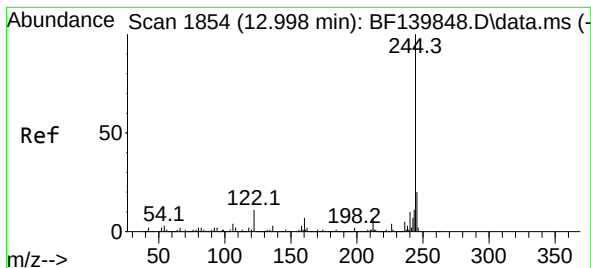
Ion Ratio Lower Upper

240 100

120 15.6 9.4 14.2#

236 27.0 20.9 31.3





#79

Terphenyl-d14

Concen: 44.588 ng

RT: 13.016 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF140095.D

Acq: 28 Oct 2024 18:59

Instrument :

BNA_F

ClientSampleId :

GRAVEL-2

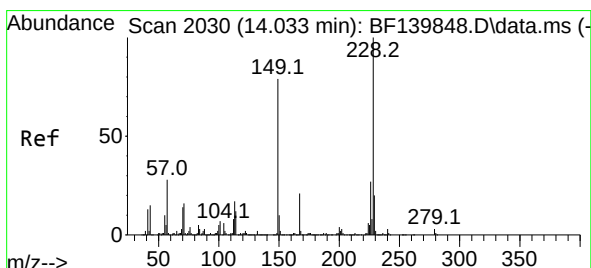
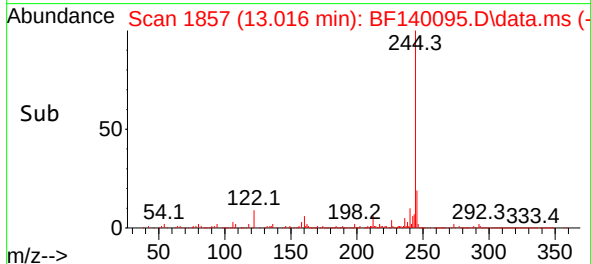
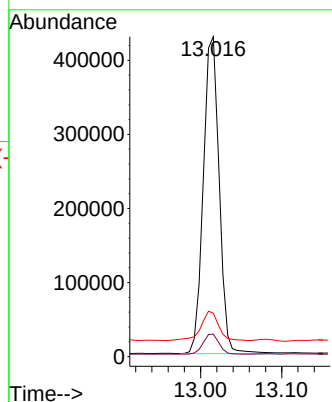
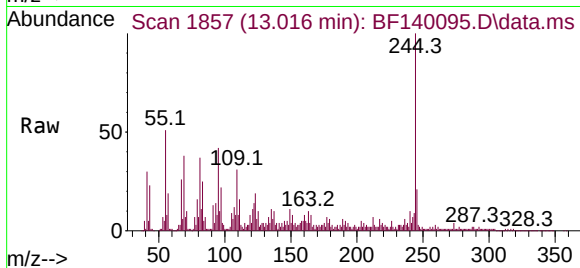
Tgt Ion:244 Resp: 579416

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 13.6 8.6 13.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.068 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140095.D

Acq: 28 Oct 2024 18:59

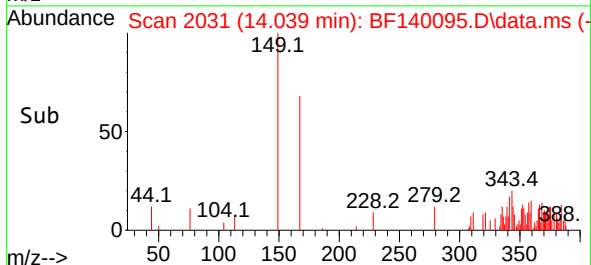
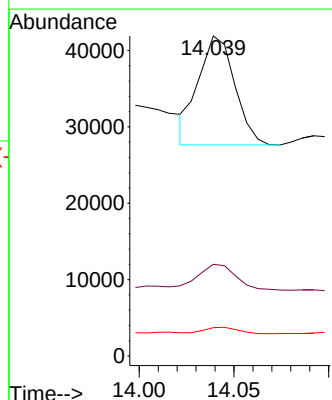
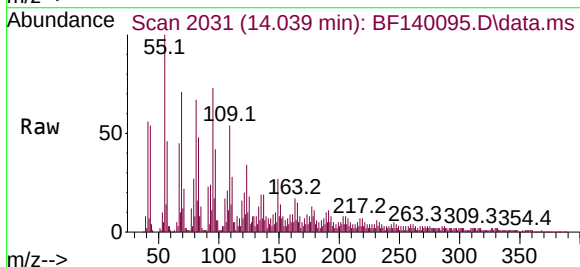
Tgt Ion:149 Resp: 19127

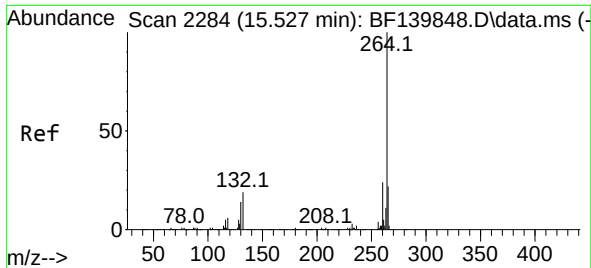
Ion Ratio Lower Upper

149 100

167 28.7 21.4 32.0

279 8.9 3.0 4.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140095.D
 Acq: 28 Oct 2024 18:59

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-2

Tgt Ion:264 Resp: 189769
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.0 17.4 26.0

