

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
 Data File : BF139087.D
 Acq On : 20 Aug 2024 22:10
 Operator : RC/JU
 Sample : PB162687BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162687BL

Quant Time: Aug 21 01:49:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

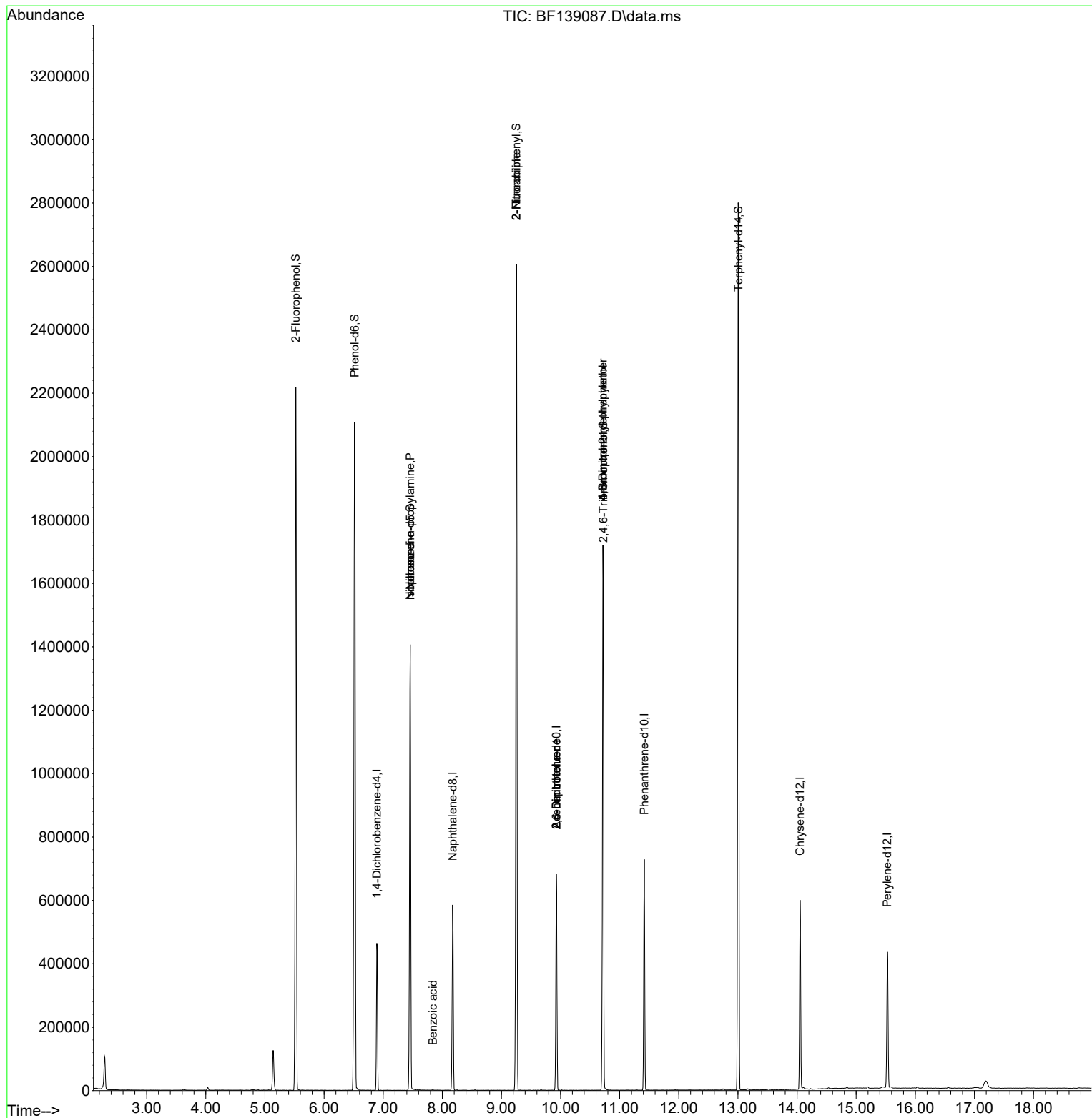
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	90299	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	335821	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	200816	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	358000	20.000	ng	0.00
76) Chrysene-d12	14.051	240	272888	20.000	ng	0.00
86) Perylene-d12	15.527	264	248360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	781770	133.198	ng	0.01
7) Phenol-d6	6.516	99	1006301	132.691	ng	0.00
23) Nitrobenzene-d5	7.457	82	659497	114.432	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	273613	150.506	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1164652	92.017	ng	0.00
79) Terphenyl-d14	13.010	244	1429354	86.912	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	92250	18.523	ng	# 81
25) Isophorone	7.457	82	659081	53.805	ng	# 69
32) Benzoic acid	7.840	122	197	8.397	ng	# 86
48) 2-Nitroaniline	9.251	65	2468	6.337	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	25844	13.932	ng	# 17
57) 2,4-Dinitrotoluene	9.928	165	25844	12.877	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	604	6.978	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	18833	4.965	ng	# 1

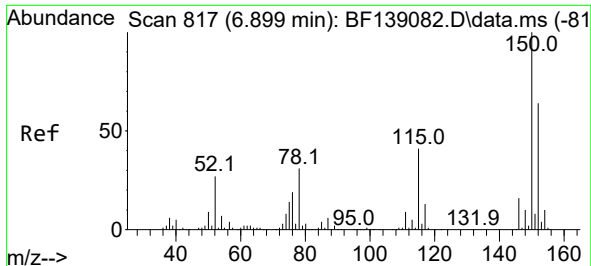
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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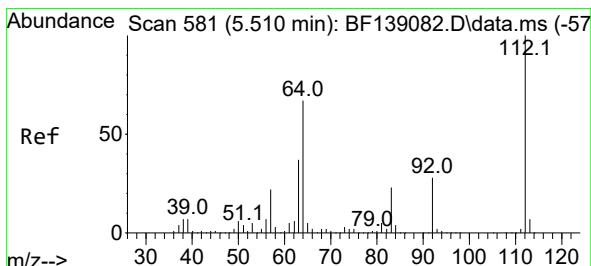
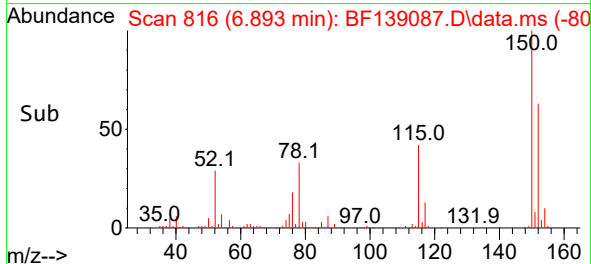
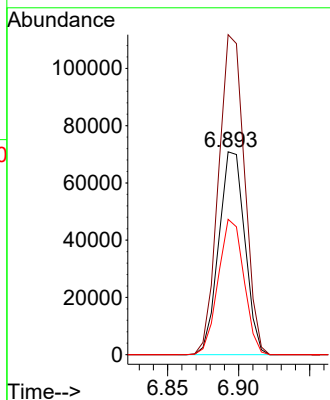
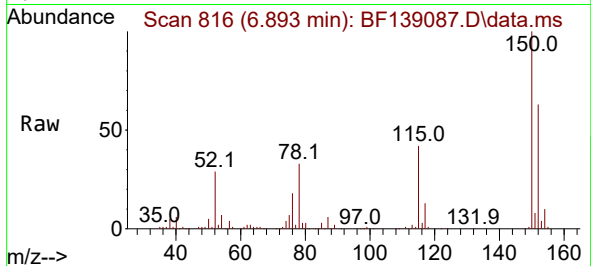




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 817
 Delta R.T. -0.006 min
 Lab File: BF139087.D
 Acq: 20 Aug 2024 22:10

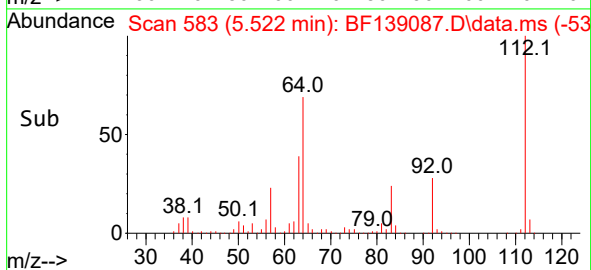
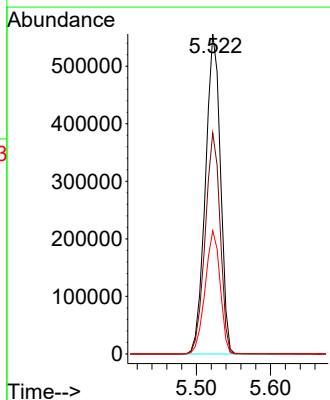
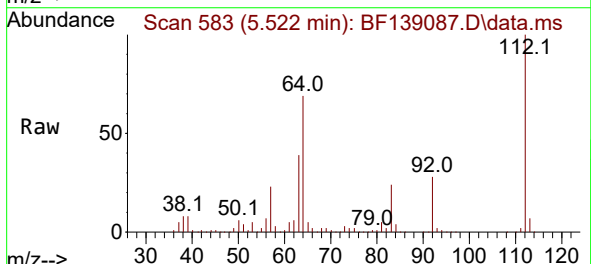
Instrument :
 BNA_F
 ClientSampleId :
 PB162687BL

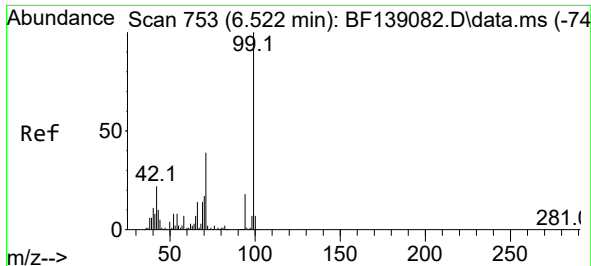
Tgt Ion:152 Resp: 90299
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.1 187.7
 115 66.7 51.8 77.6



#5
 2-Fluorophenol
 Concen: 133.198 ng
 RT: 5.522 min Scan# 583
 Delta R.T. 0.012 min
 Lab File: BF139087.D
 Acq: 20 Aug 2024 22:10

Tgt Ion:112 Resp: 781770
 Ion Ratio Lower Upper
 112 100
 64 69.1 53.8 80.6
 63 38.5 29.4 44.2

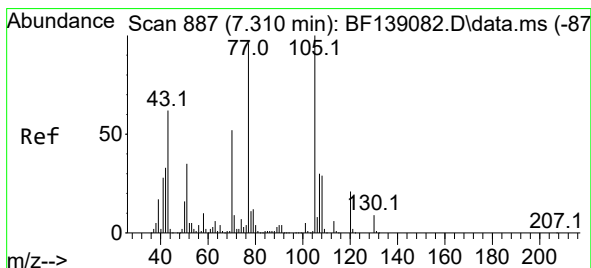
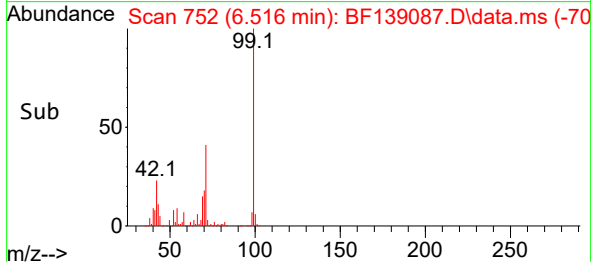
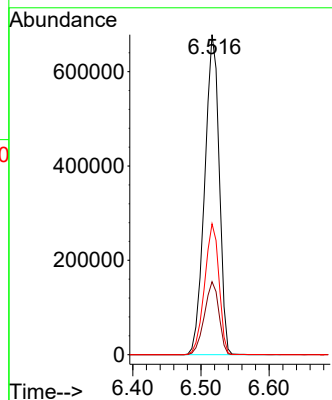
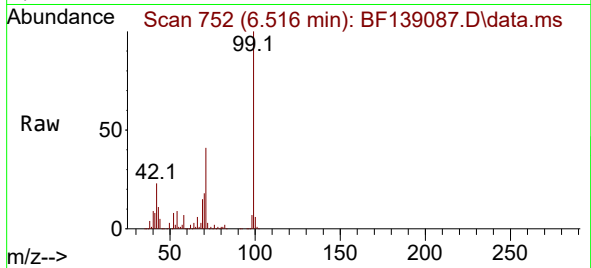




#7
Phenol-d6
Concen: 132.691 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

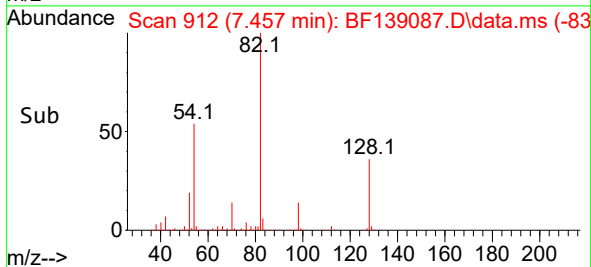
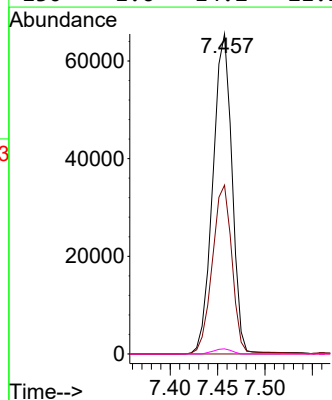
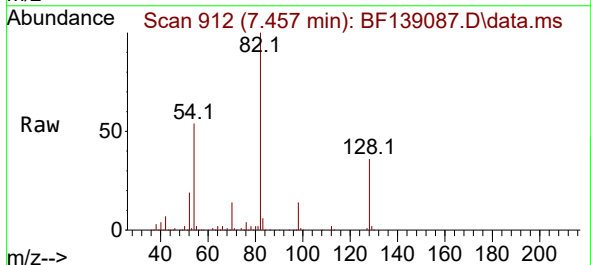
Instrument :
BNA_F
ClientSampleId :
PB162687BL

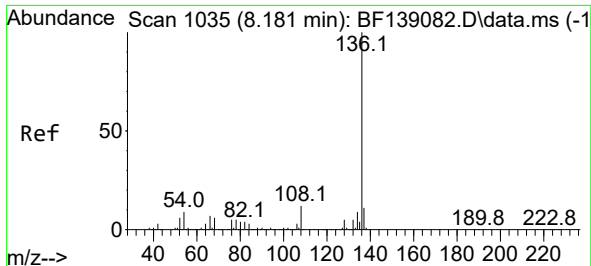
Tgt Ion: 99 Resp: 1006301
Ion Ratio Lower Upper
99 100
42 22.8 17.4 26.2
71 40.9 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.523 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

Tgt Ion: 70 Resp: 92250
Ion Ratio Lower Upper
70 100
42 52.8 50.5 75.7
101 0.0 7.2 10.8#
130 1.6 14.2 21.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF139087.D

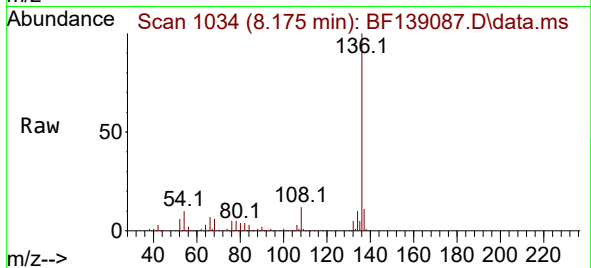
Acq: 20 Aug 2024 22:10

Instrument :

BNA_F

ClientSampleId :

PB162687BL



Tgt Ion:136 Resp: 335821

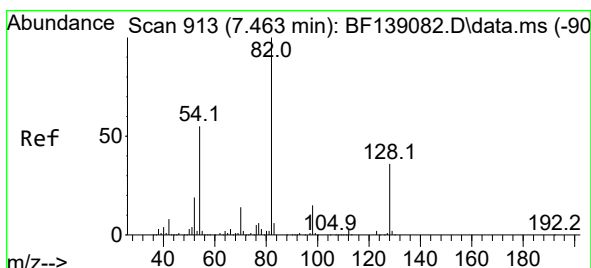
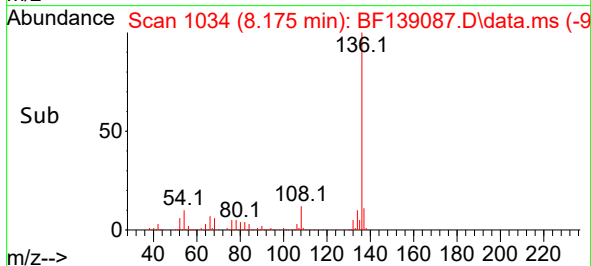
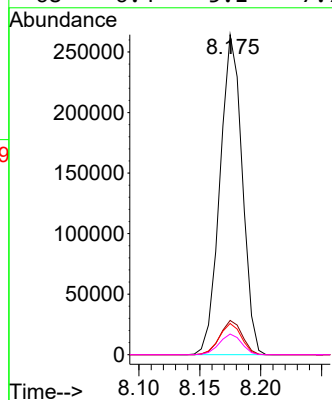
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.7 7.6 11.4

68 6.4 5.1 7.7



#23

Nitrobenzene-d5

Concen: 114.432 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

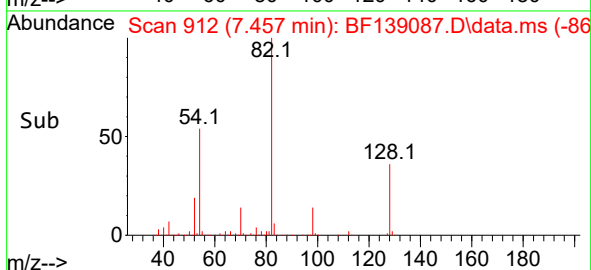
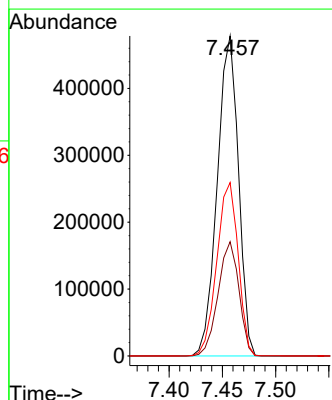
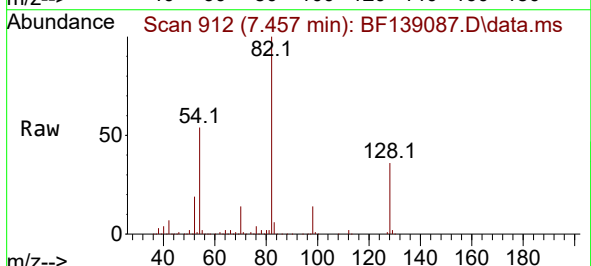
Tgt Ion: 82 Resp: 659497

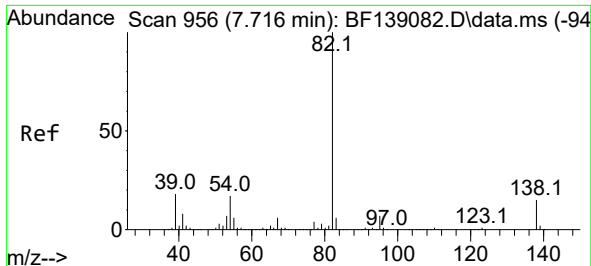
Ion Ratio Lower Upper

82 100

128 35.7 29.0 43.4

54 54.2 43.4 65.2

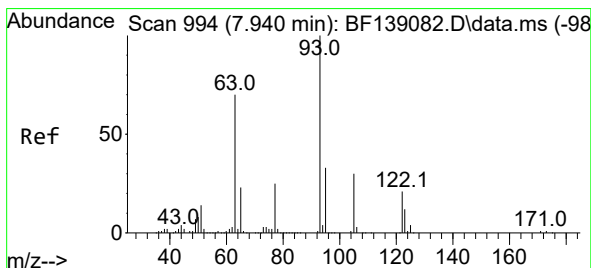
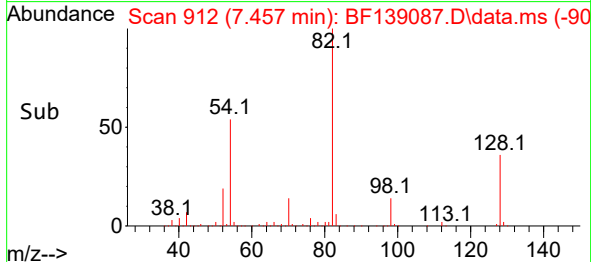
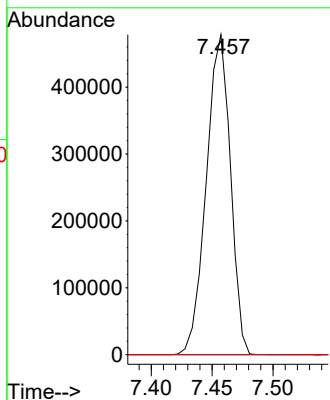
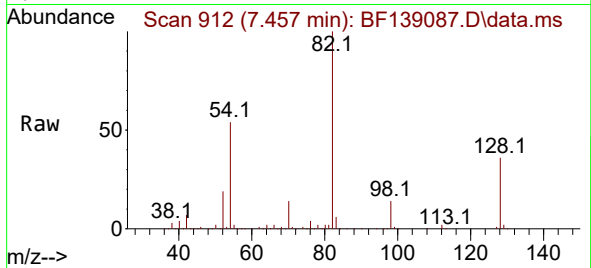




#25
Isophorone
Concen: 53.805 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

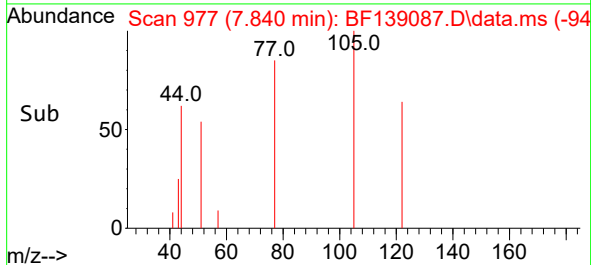
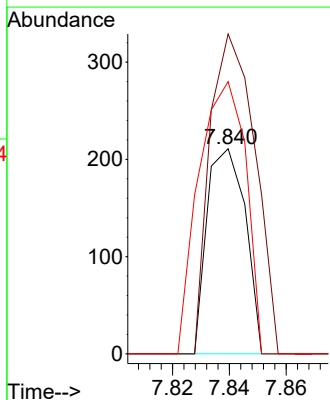
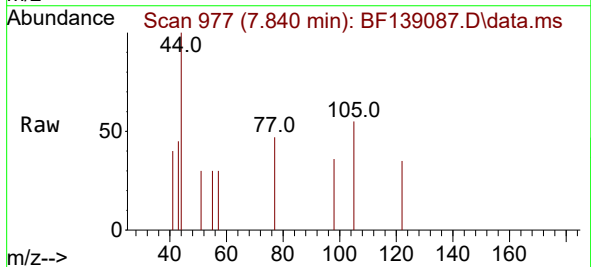
Instrument :
BNA_F
ClientSampleId :
PB162687BL

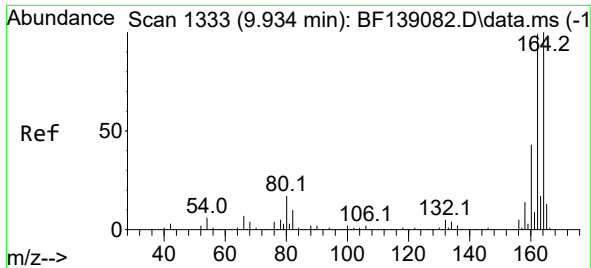
Tgt Ion: 82 Resp: 659081
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.397 ng
RT: 7.840 min Scan# 977
Delta R.T. -0.100 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

Tgt Ion: 122 Resp: 197
Ion Ratio Lower Upper
122 100
105 155.9 119.6 159.6
77 132.7 97.6 137.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

Instrument :

BNA_F

ClientSampleId :

PB162687BL

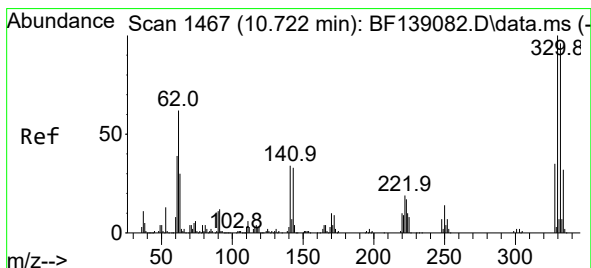
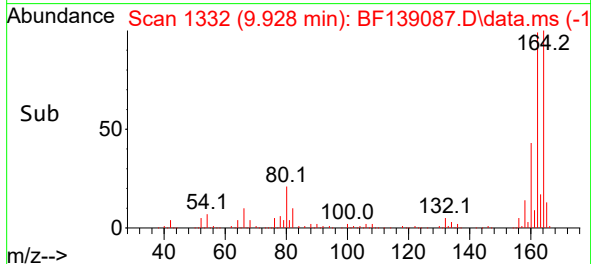
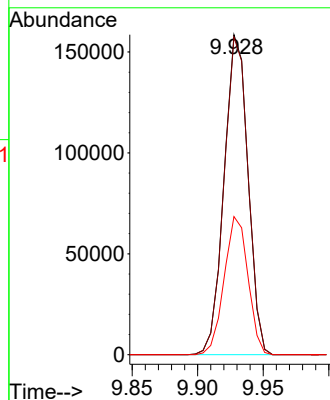
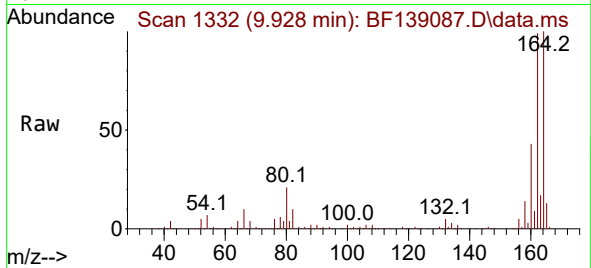
Tgt Ion:164 Resp: 200816

Ion Ratio Lower Upper

164 100

162 99.2 79.5 119.3

160 43.1 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 150.506 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

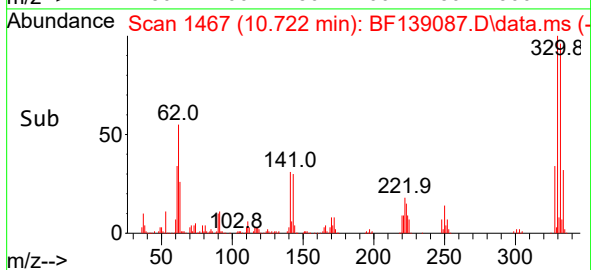
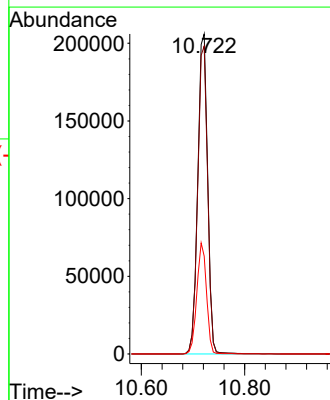
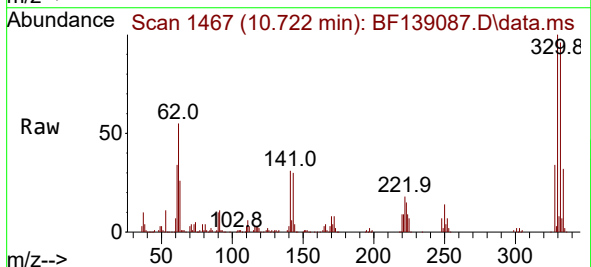
Tgt Ion:330 Resp: 273613

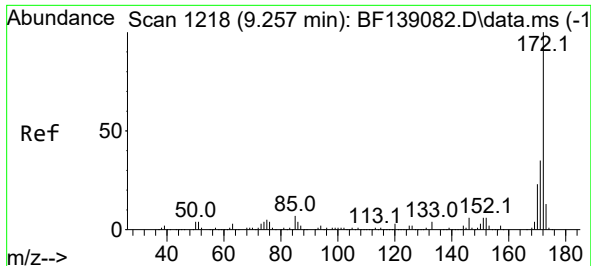
Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 33.9 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 92.017 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

Instrument :

BNA_F

ClientSampleId :

PB162687BL

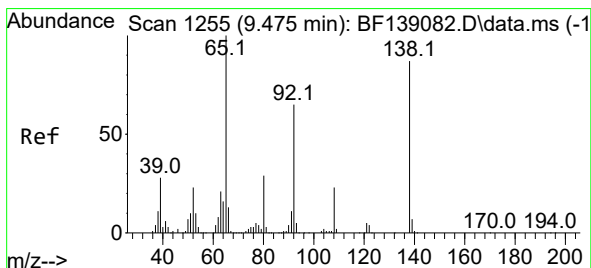
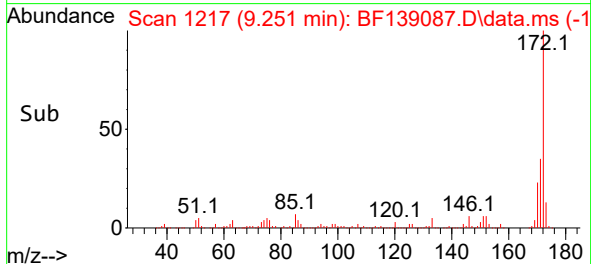
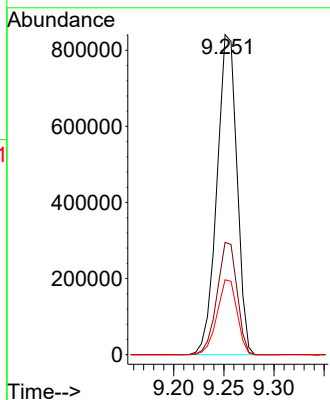
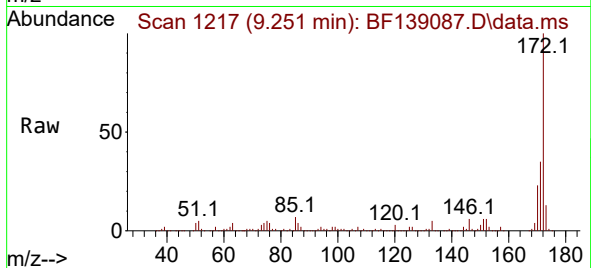
Tgt Ion:172 Resp: 1164652

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 18.8 28.2



#48

2-Nitroaniline

Concen: 6.337 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.224 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

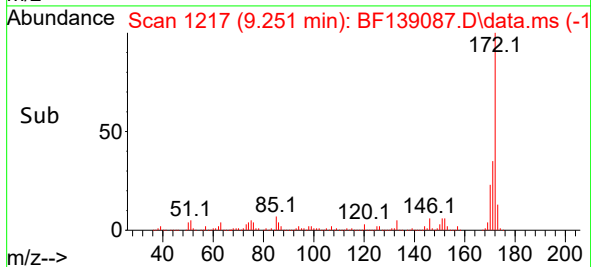
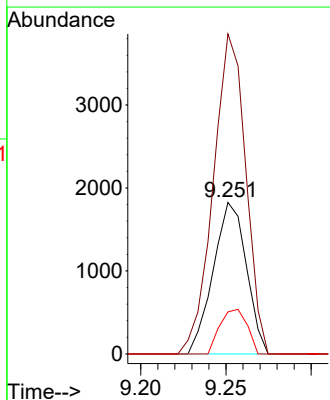
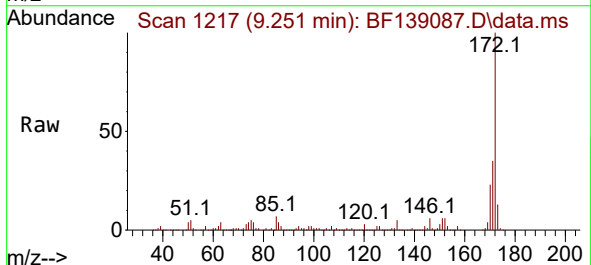
Tgt Ion: 65 Resp: 2468

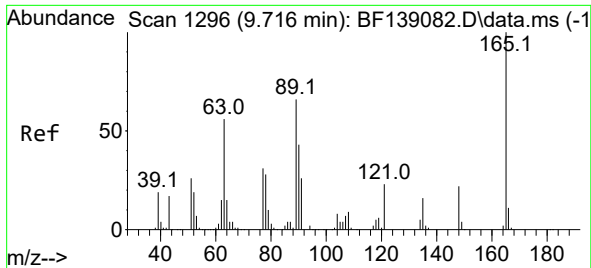
Ion Ratio Lower Upper

65 100

92 211.2 52.4 78.6#

138 27.7 69.4 104.0#

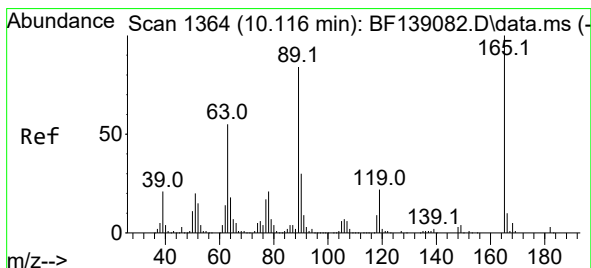
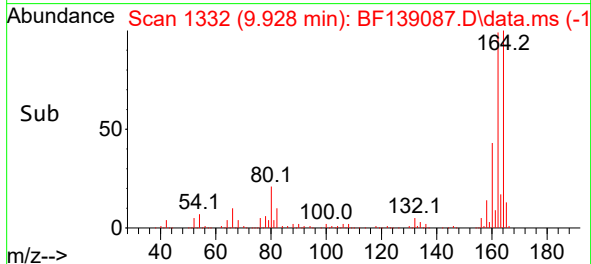
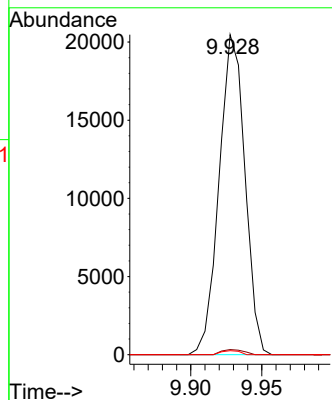
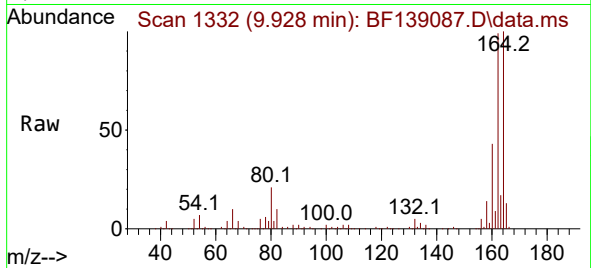




#51
2,6-Dinitrotoluene
Concen: 13.932 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

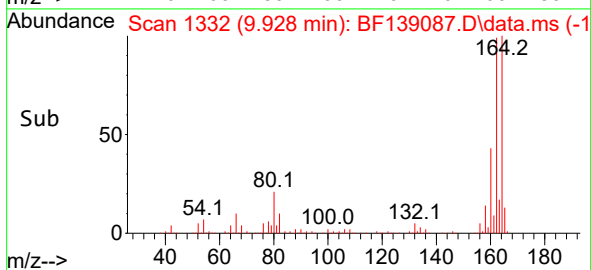
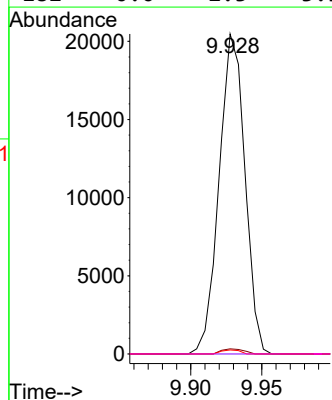
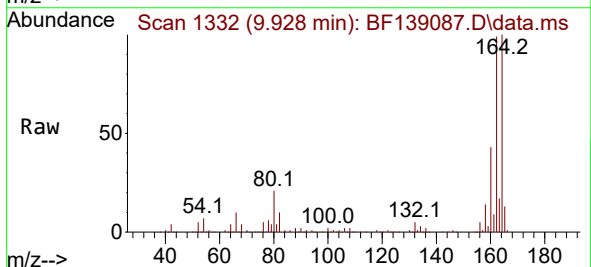
Instrument :
BNA_F
ClientSampleId :
PB162687BL

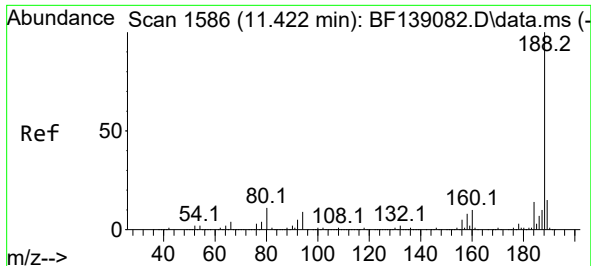
Tgt Ion:165 Resp: 25844
Ion Ratio Lower Upper
165 100
63 1.6 58.0 87.0#
89 1.2 53.3 79.9#



#57
2,4-Dinitrotoluene
Concen: 12.877 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

Tgt Ion:165 Resp: 25844
Ion Ratio Lower Upper
165 100
63 1.6 44.2 66.4#
89 1.2 67.4 101.2#
182 0.0 2.3 3.5#

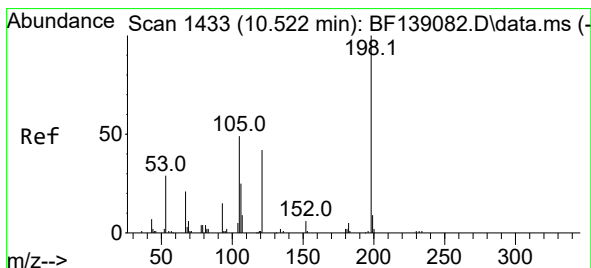
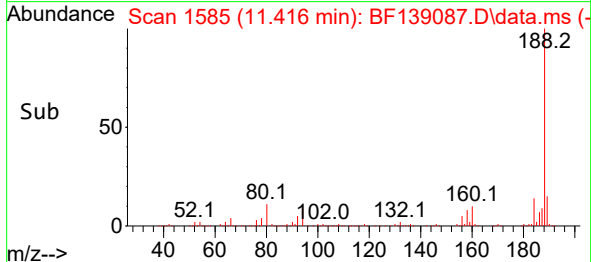
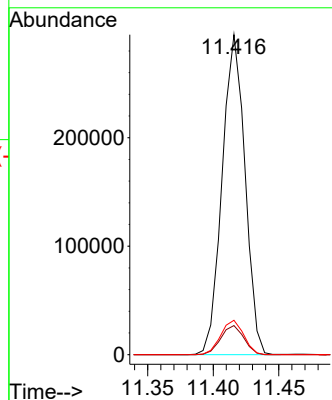
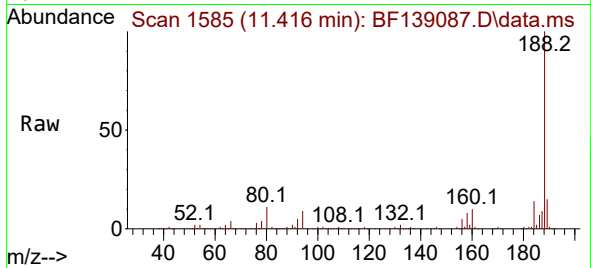




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

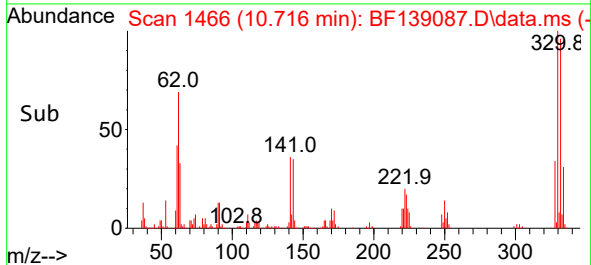
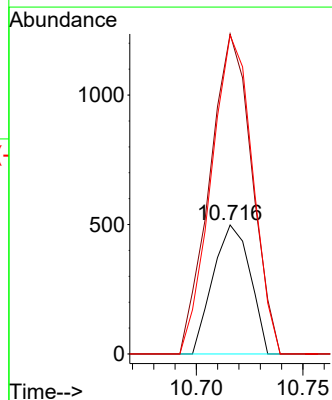
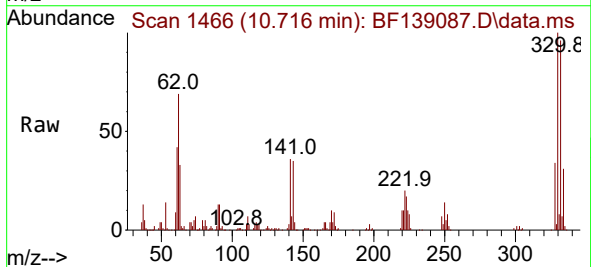
Instrument :
BNA_F
ClientSampleId :
PB162687BL

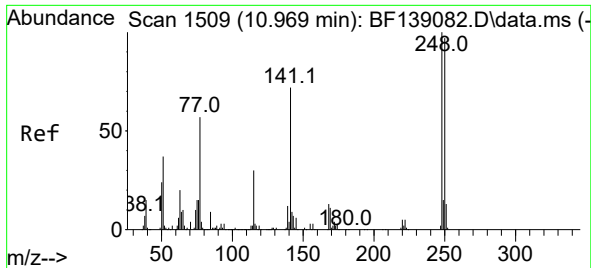
Tgt Ion:188 Resp: 358000
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.978 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

Tgt Ion:198 Resp: 604
Ion Ratio Lower Upper
198 100
51 248.2 40.8 80.8#
105 247.2 30.9 70.9#

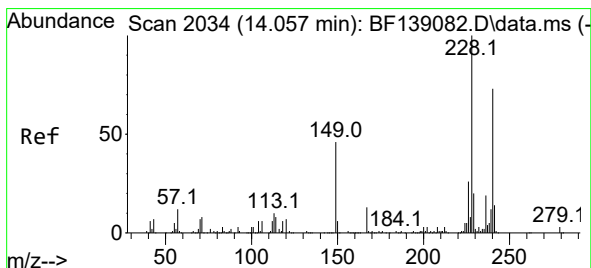
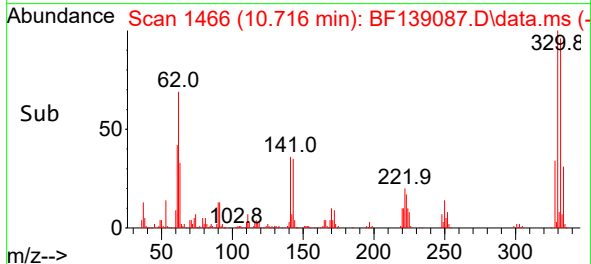
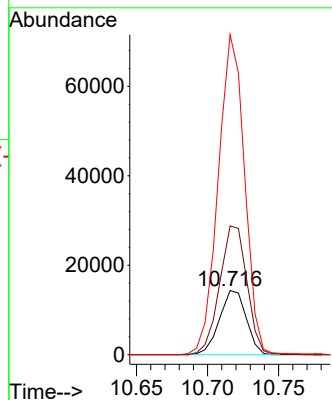
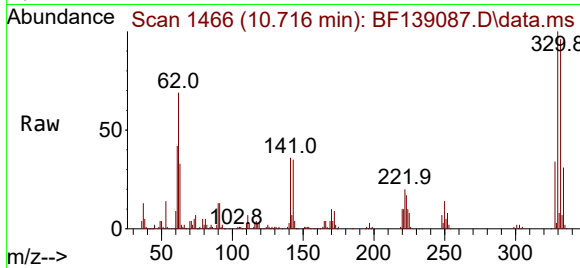




#67
4-Bromophenyl-phenylether
Concen: 4.965 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

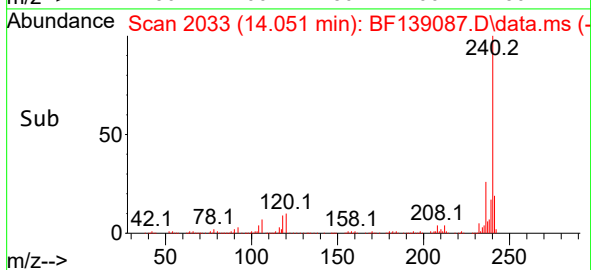
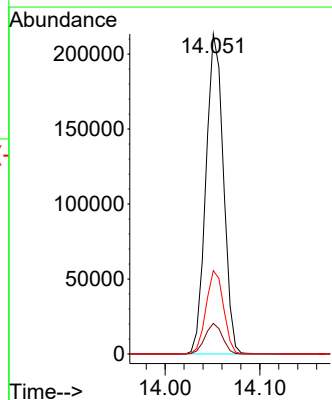
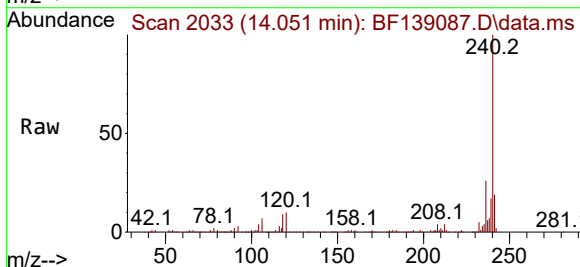
Instrument :
BNA_F
ClientSampleId :
PB162687BL

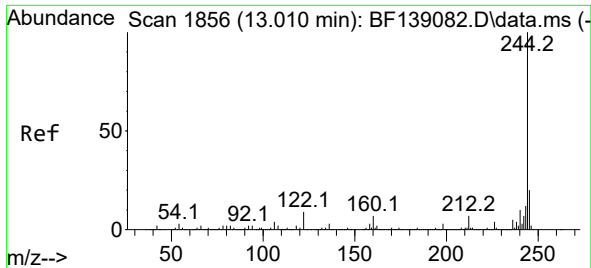
Tgt Ion:248 Resp: 18833
Ion Ratio Lower Upper
248 100
250 200.5 77.8 116.8#
141 498.3 57.9 86.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

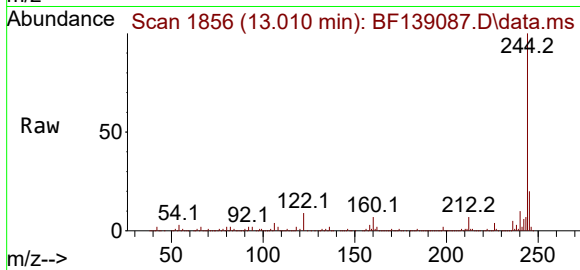
Tgt Ion:240 Resp: 272888
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 26.0 20.9 31.3



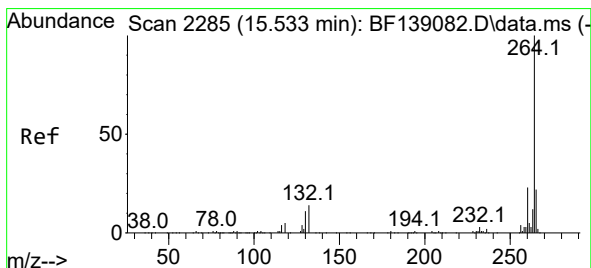
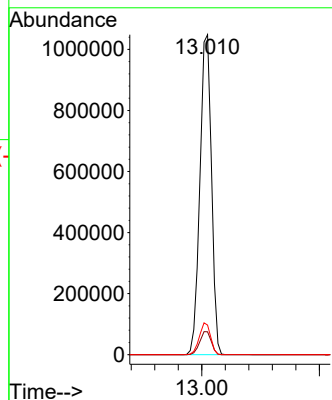
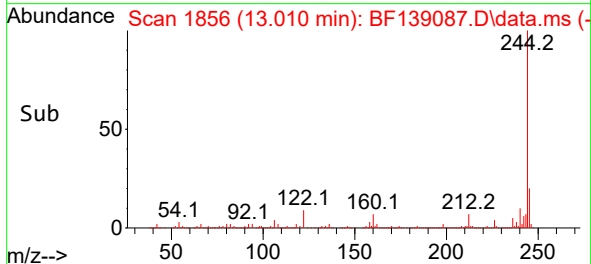


#79
 Terphenyl-d14
 Concen: 86.912 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139087.D
 Acq: 20 Aug 2024 22:10

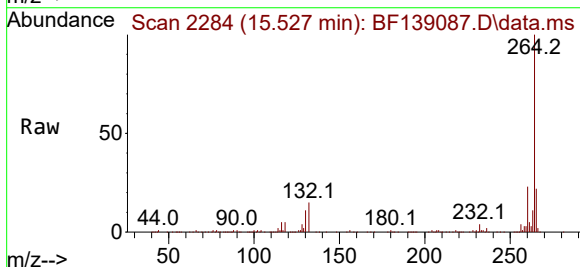
Instrument :
 BNA_F
 ClientSampleId :
 PB162687BL



Tgt Ion:244 Resp: 1429354
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.2 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.006 min
 Lab File: BF139087.D
 Acq: 20 Aug 2024 22:10



Tgt Ion:264 Resp: 248360
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.6 17.4 26.2

