

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139141.D
 Acq On : 23 Aug 2024 12:11
 Operator : RC/JU
 Sample : PB162890TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162890TB

Quant Time: Aug 23 12:54:13 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)

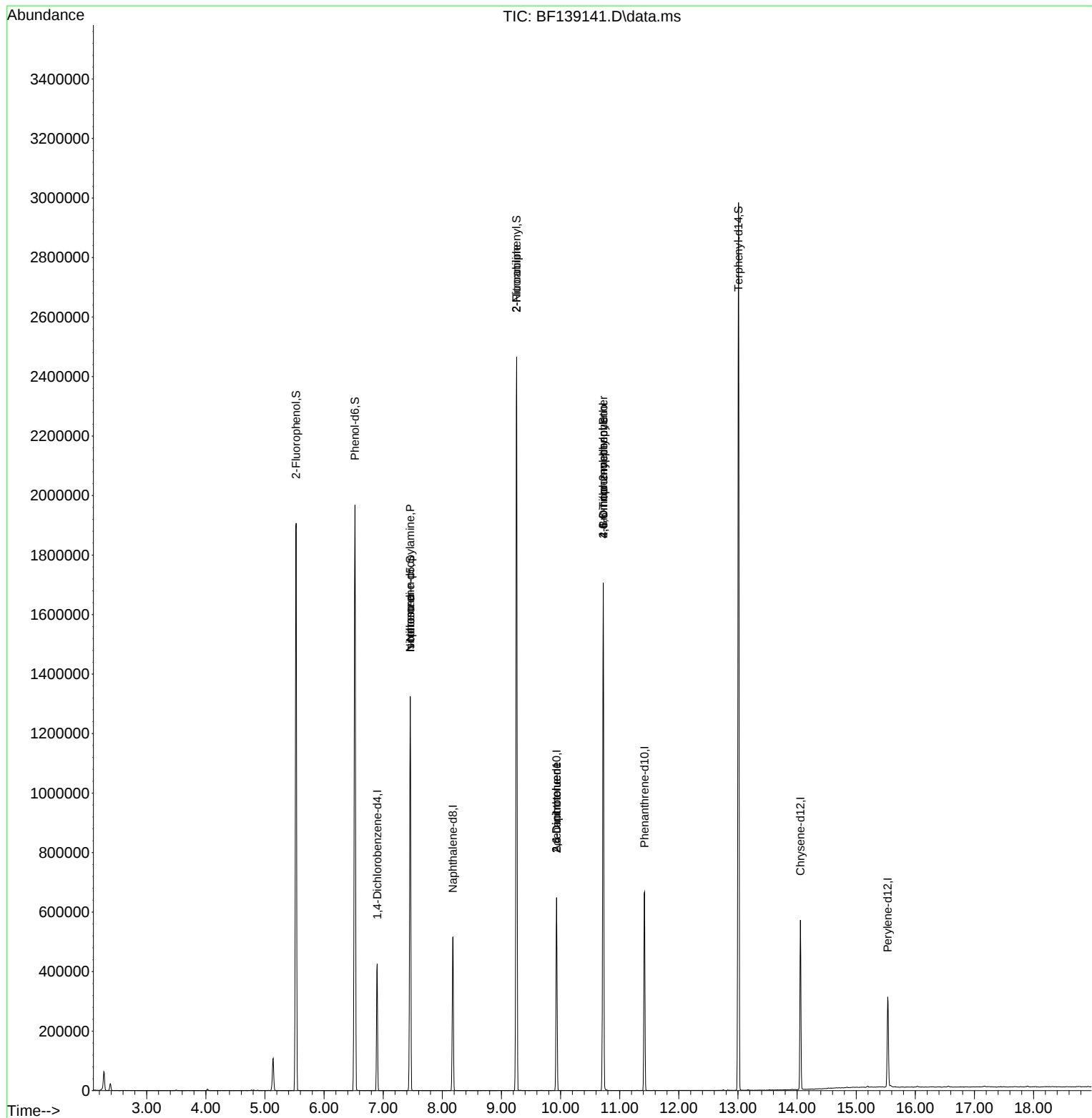
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	85509	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318468	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	189272	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	353792	20.000	ng	0.00
76) Chrysene-d12	14.057	240	257950	20.000	ng	0.00
86) Perylene-d12	15.533	264	178847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	699566	125.869	ng	0.02
7) Phenol-d6	6.522	99	927209	129.111	ng	0.00
23) Nitrobenzene-d5	7.457	82	618399	113.148	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	271378	158.381	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1094068	91.712	ng	0.00
79) Terphenyl-d14	13.010	244	1465448	94.267	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.457	70	86101	18.257	ng	# 78
25) Isophorone	7.457	82	616680	53.086	ng	# 69
48) 2-Nitroaniline	9.257	65	2276	6.322	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	23791	13.713	ng	# 17
57) 2,4-Dinitrotoluene	9.933	165	23791	12.707	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	578	6.962	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	19262	5.138	ng	# 1

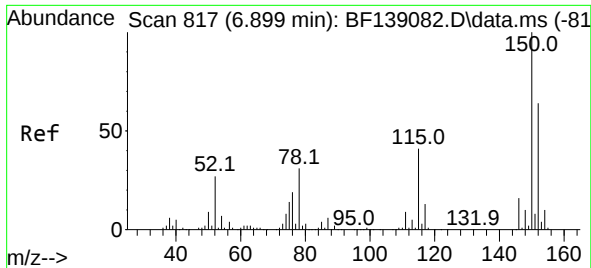
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139141.D
Acq On : 23 Aug 2024 12:11
Operator : RC/JU
Sample : PB162890TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162890TB

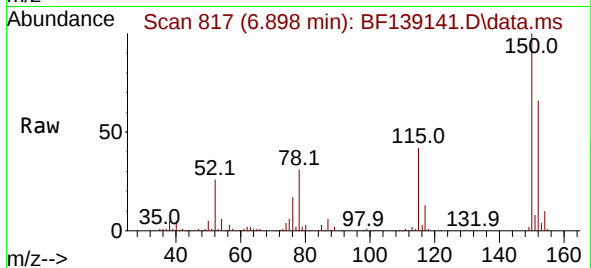
Quant Time: Aug 23 12:54:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration



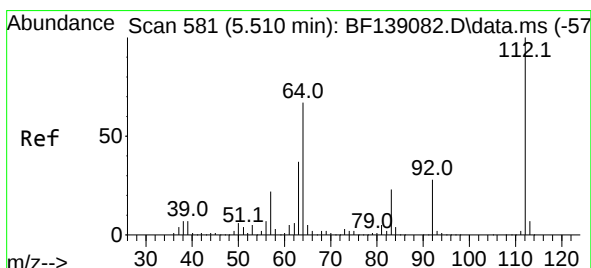
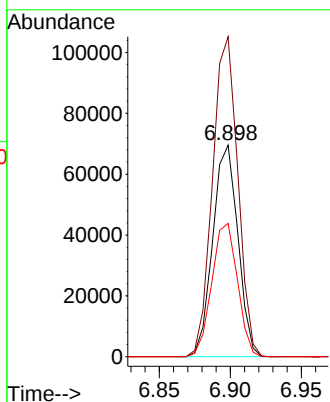
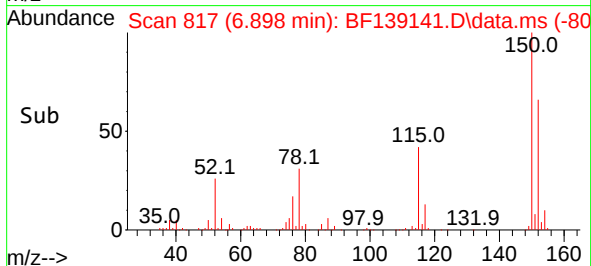


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

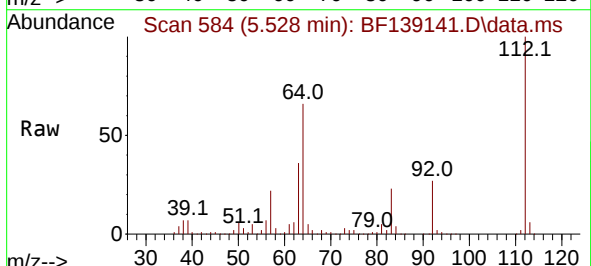
Instrument :
BNA_F
ClientSampleId :
PB162890TB



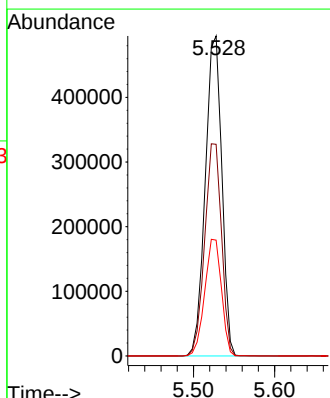
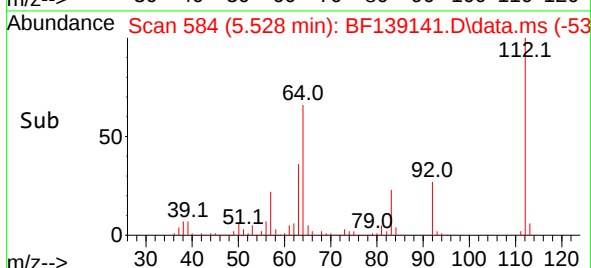
Tgt Ion:152 Resp: 85509
Ion Ratio Lower Upper
152 100
150 151.3 125.1 187.7
115 63.1 51.8 77.6



#5
2-Fluorophenol
Concen: 125.869 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11



Tgt Ion:112 Resp: 699566
Ion Ratio Lower Upper
112 100
64 66.1 53.8 80.6
63 36.2 29.4 44.2

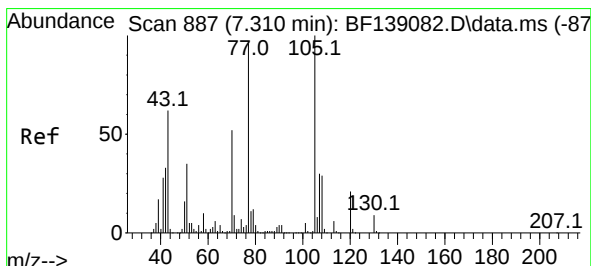
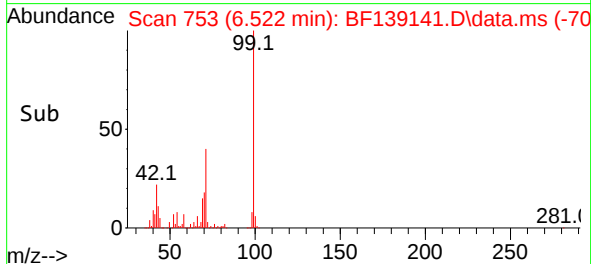
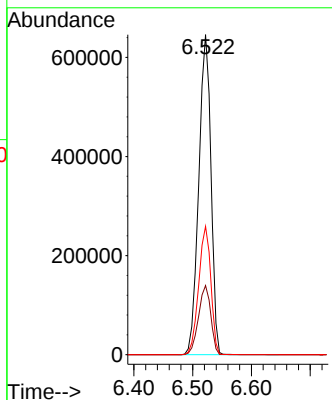
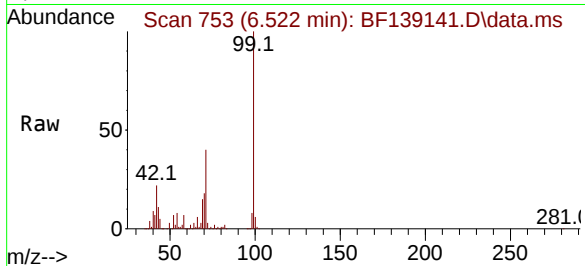




#7
Phenol-d6
Concen: 129.111 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

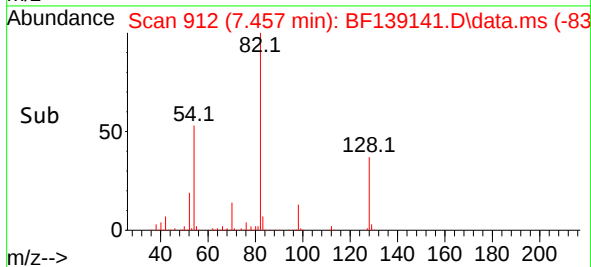
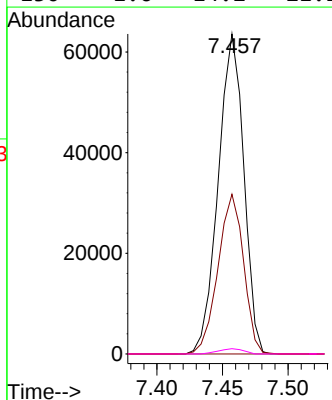
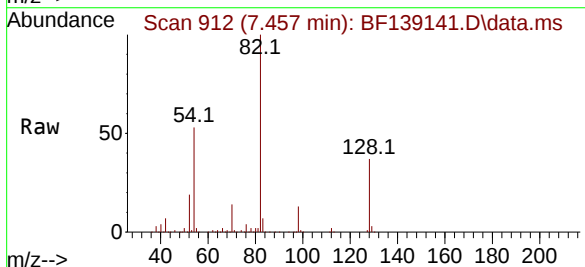
Instrument :
BNA_F
ClientSampleId :
PB162890TB

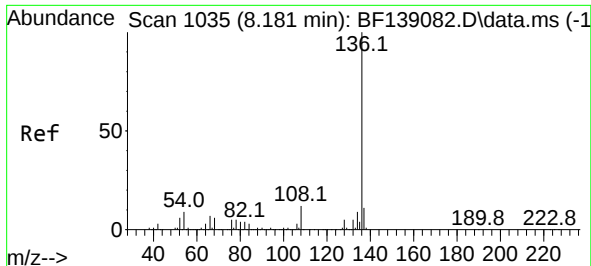
Tgt Ion: 99 Resp: 927209
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.2
71 40.1 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.257 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion: 70 Resp: 86101
Ion Ratio Lower Upper
70 100
42 49.9 50.5 75.7#
101 0.0 7.2 10.8#
130 1.6 14.2 21.2#



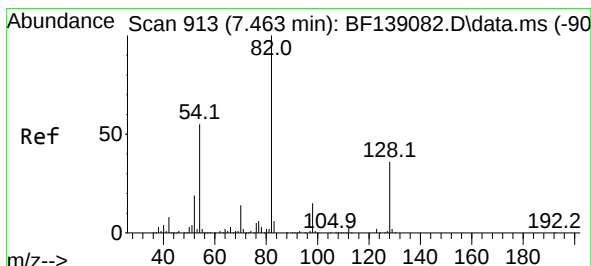
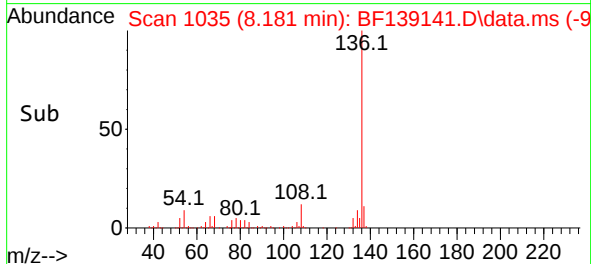
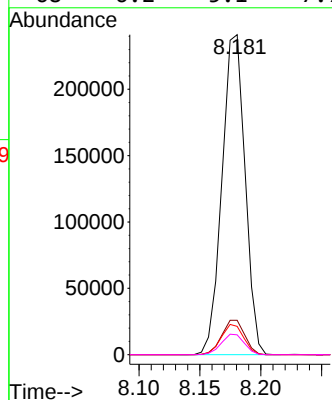
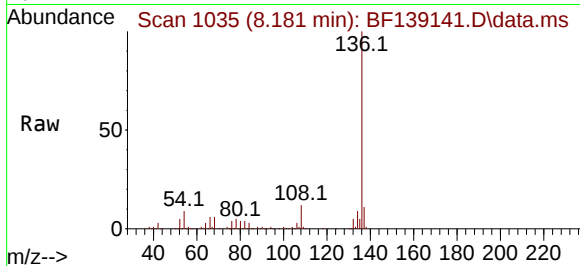


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Instrument :
BNA_F
ClientSampleId :
PB162890TB

Tgt Ion:136 Resp: 318468

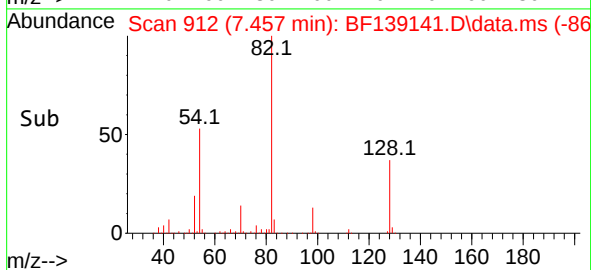
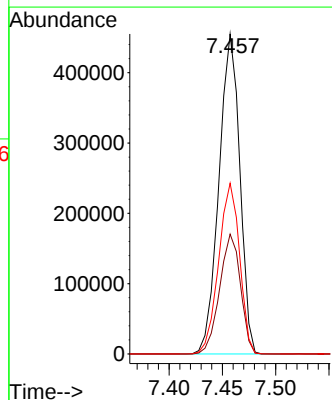
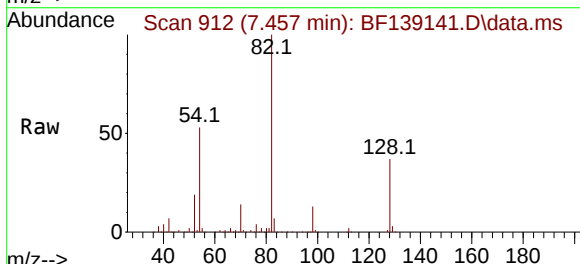
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.8	7.6	11.4
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 113.148 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion: 82 Resp: 618399

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.0	43.4
54	53.4	43.4	65.2

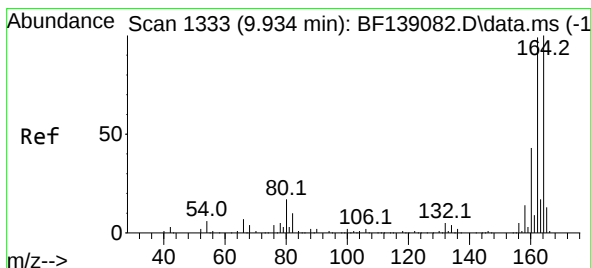
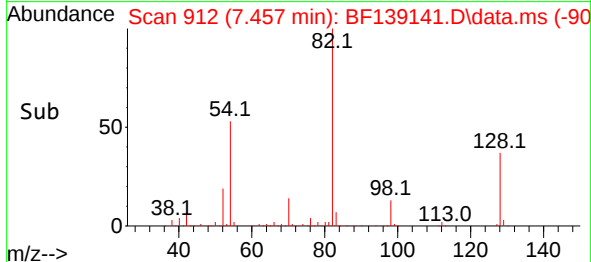
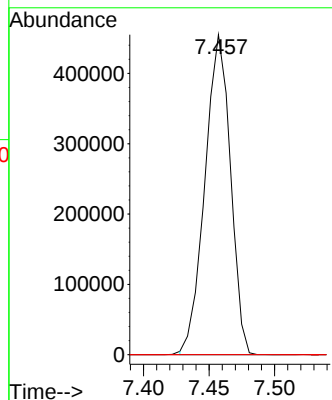
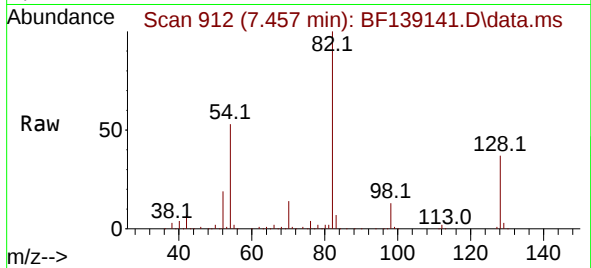




#25
Isophorone
Concen: 53.086 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

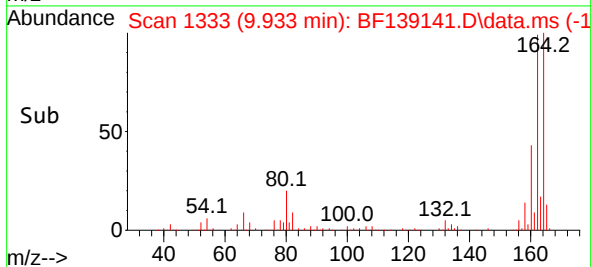
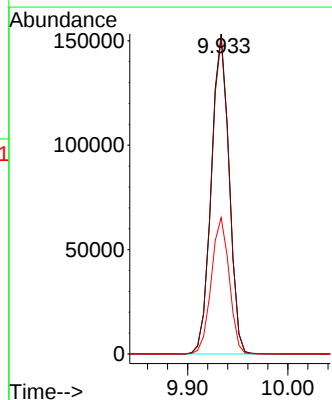
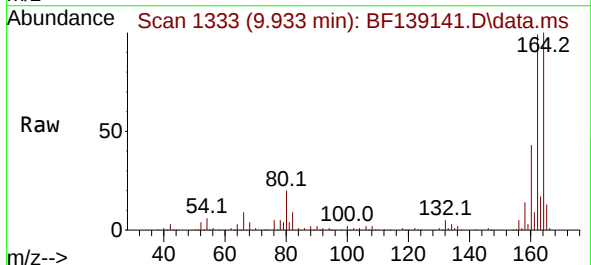
Instrument :
BNA_F
ClientSampleId :
PB162890TB

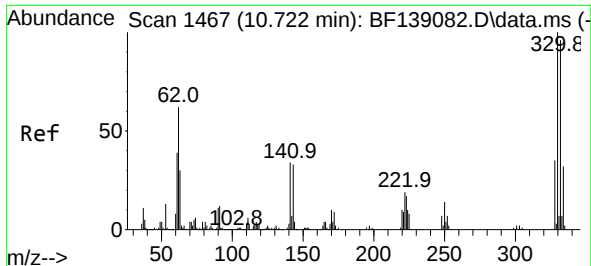
Tgt Ion: 82 Resp: 616680
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion:164 Resp: 189272
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 42.6 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 158.381 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139141.D

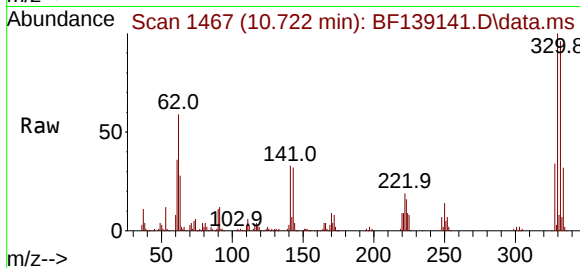
Acq: 23 Aug 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB162890TB



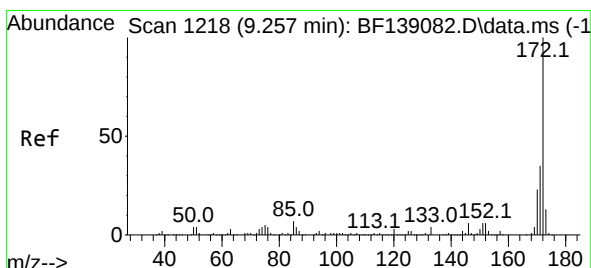
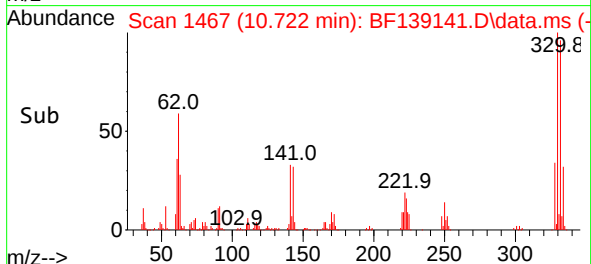
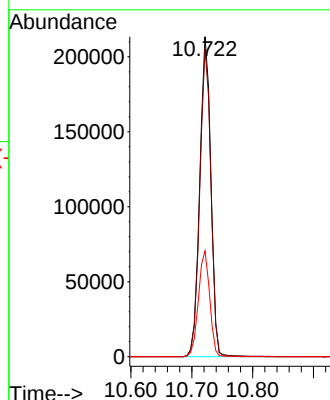
Tgt Ion:330 Resp: 271378

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 33.4 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 91.712 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

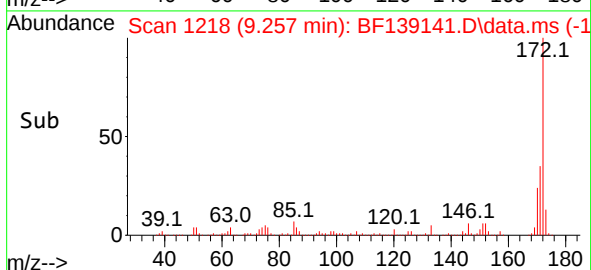
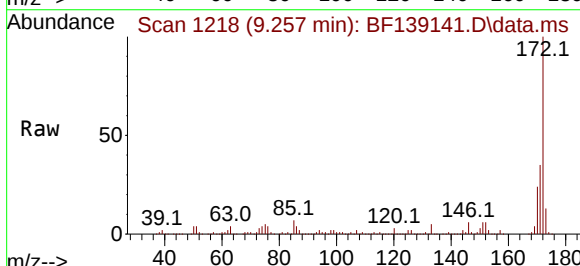
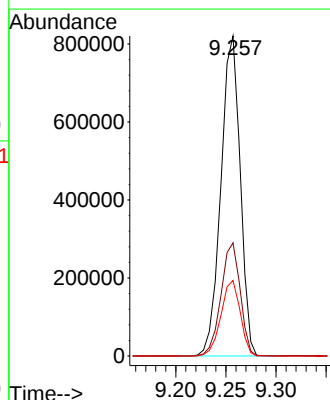
Tgt Ion:172 Resp: 1094068

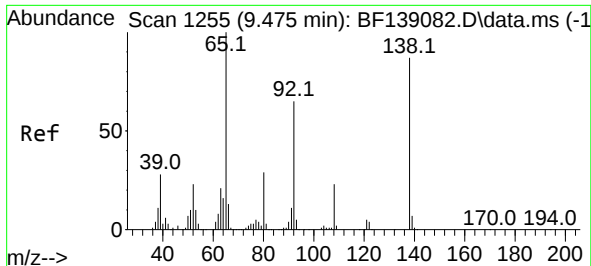
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.8 28.2

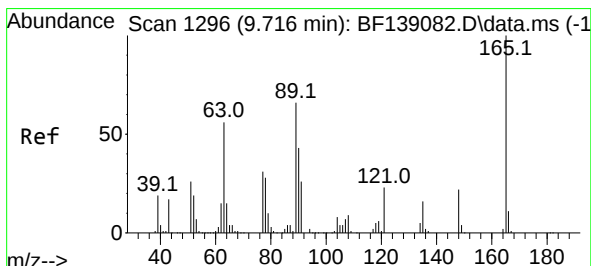
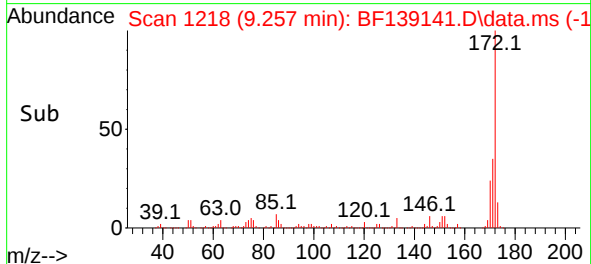
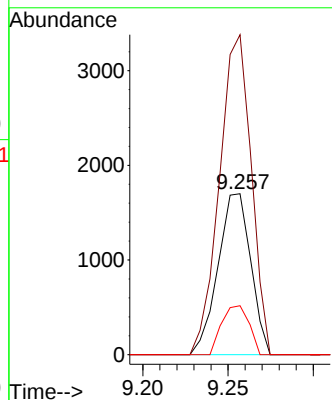
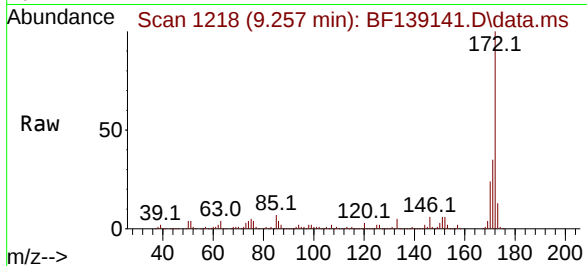




#48
2-Nitroaniline
Concen: 6.322 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

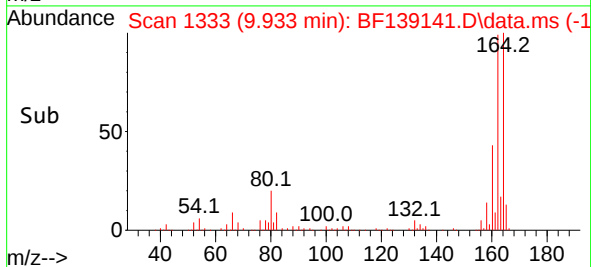
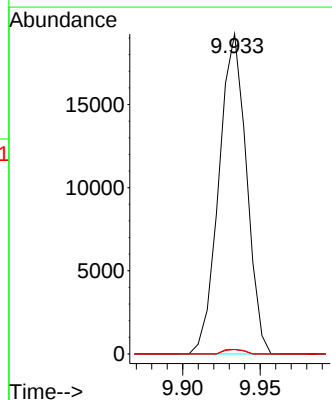
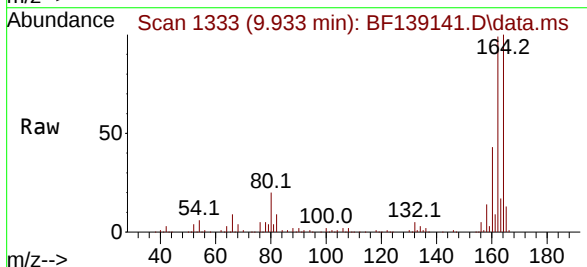
Instrument :
BNA_F
ClientSampleId :
PB162890TB

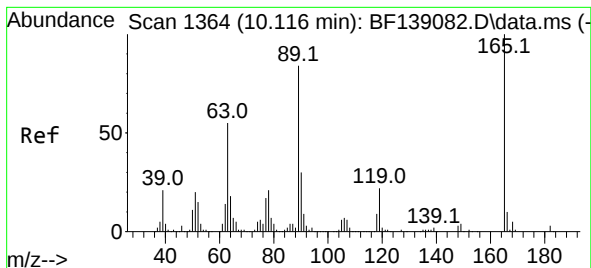
Tgt Ion: 65 Resp: 2276
Ion Ratio Lower Upper
65 100
92 198.8 52.4 78.6#
138 30.5 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 13.713 ng
RT: 9.933 min Scan# 1333
Delta R.T. 0.217 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion: 165 Resp: 23791
Ion Ratio Lower Upper
165 100
63 1.4 58.0 87.0#
89 1.4 53.3 79.9#

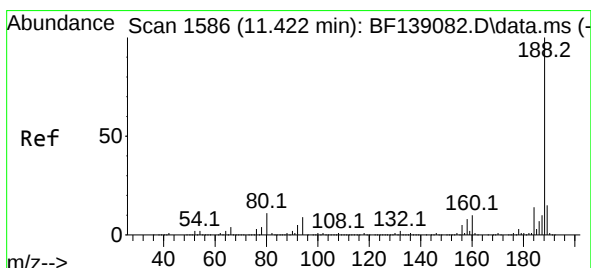
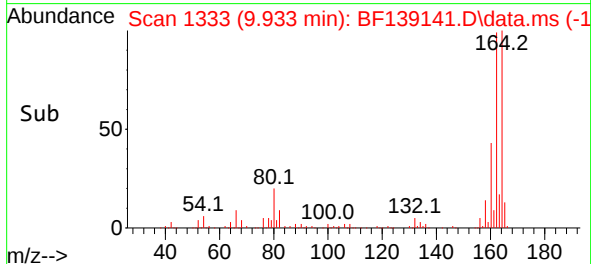
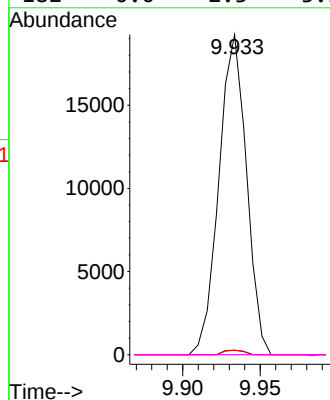
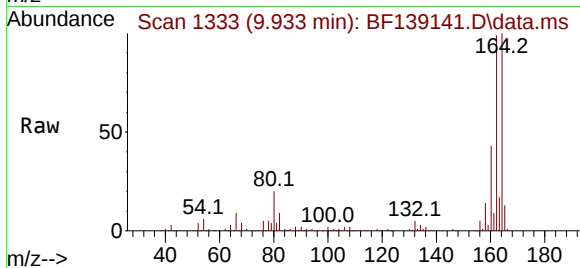




#57
2,4-Dinitrotoluene
Concen: 12.707 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

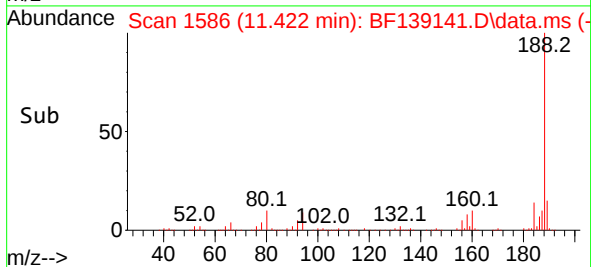
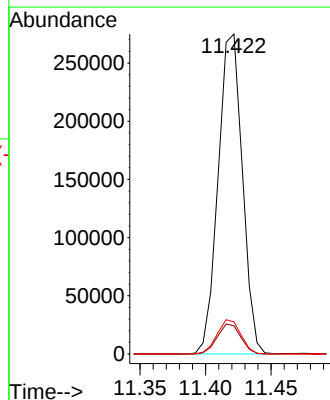
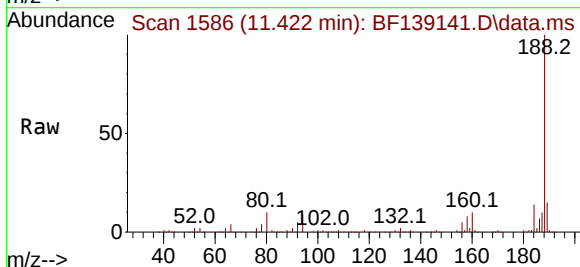
Instrument :
BNA_F
ClientSampleId :
PB162890TB

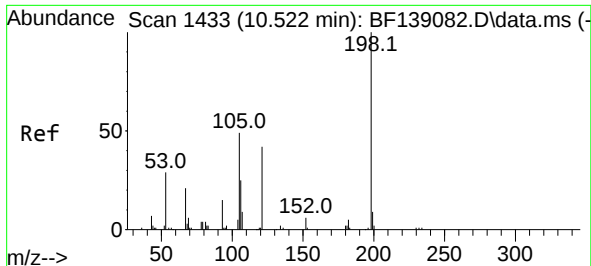
Tgt Ion:165 Resp: 23791
Ion Ratio Lower Upper
165 100
63 1.4 44.2 66.4#
89 1.4 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion:188 Resp: 353792
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.1 8.5 12.7

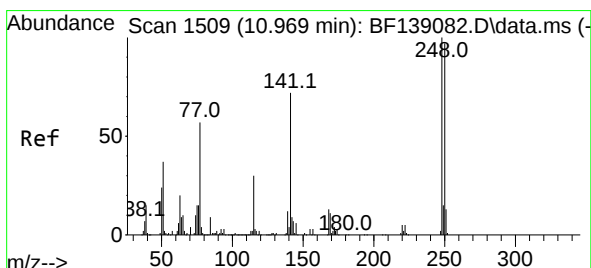
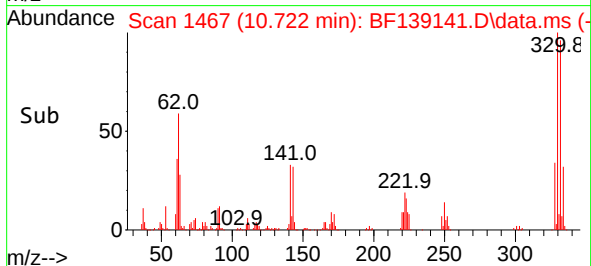
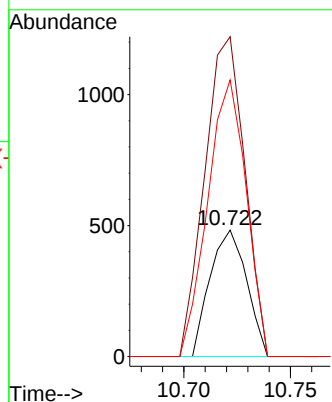
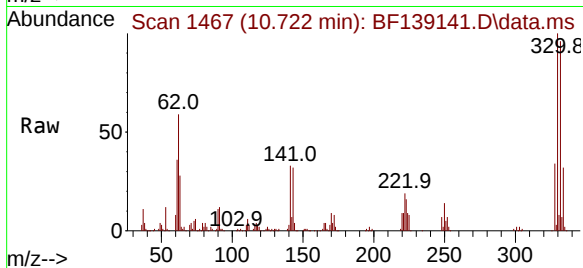




#65
4,6-Dinitro-2-methylphenol
Concen: 6.962 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

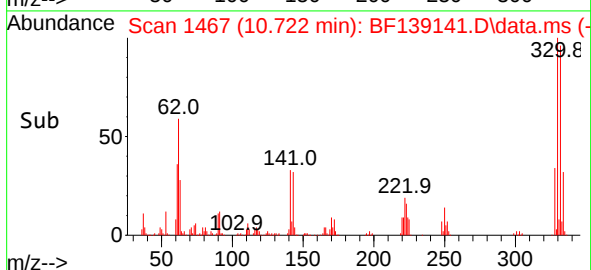
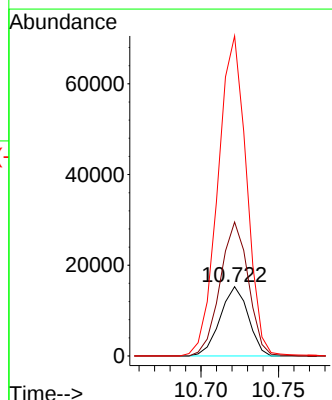
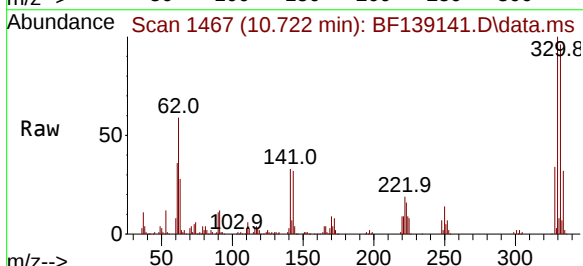
Instrument :
BNA_F
ClientSampleId :
PB162890TB

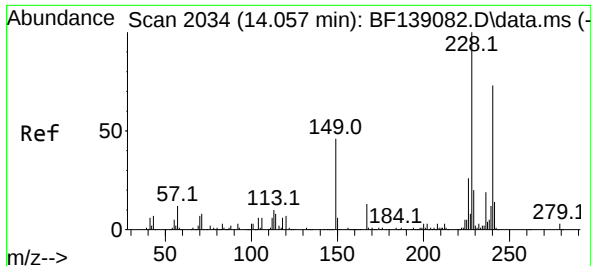
Tgt Ion:198 Resp: 578
Ion Ratio Lower Upper
198 100
51 252.8 40.8 80.8#
105 218.6 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 5.138 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion:248 Resp: 19262
Ion Ratio Lower Upper
248 100
250 193.2 77.8 116.8#
141 461.9 57.9 86.9#

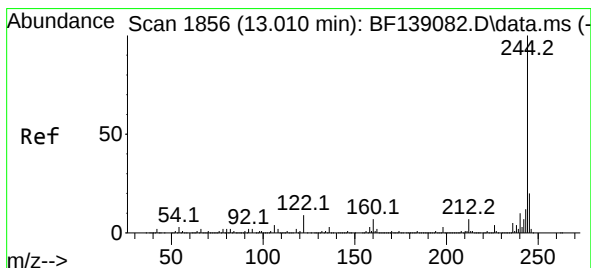
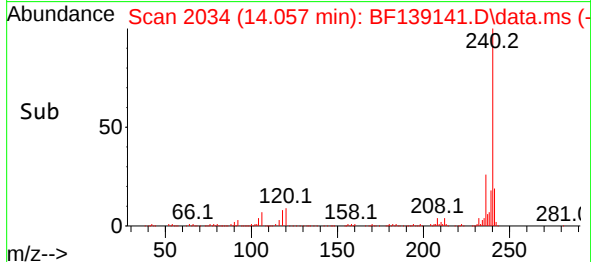
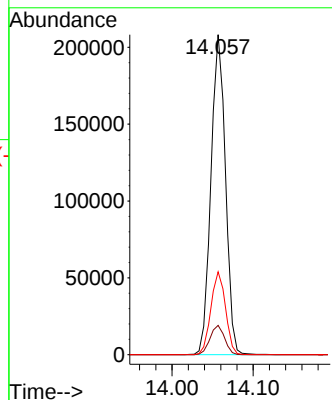
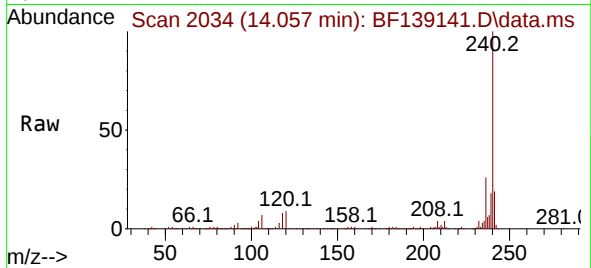




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

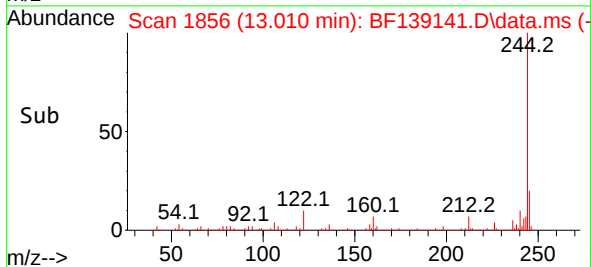
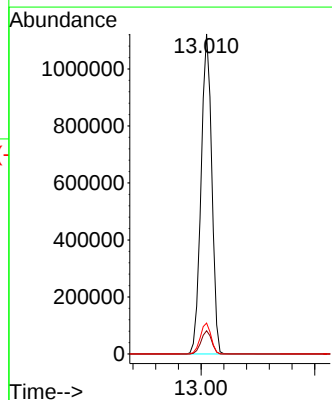
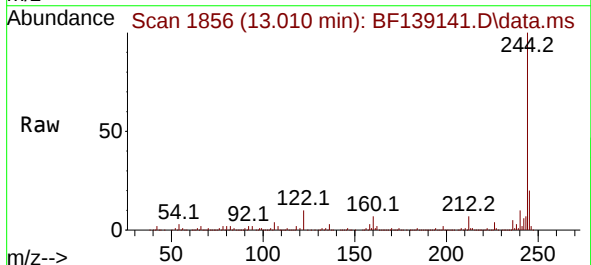
Instrument :
BNA_F
ClientSampleId :
PB162890TB

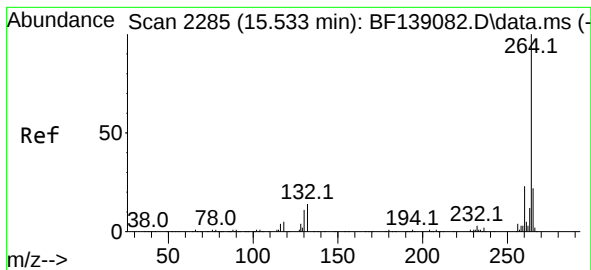
Tgt Ion:240 Resp: 257950
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 94.267 ng
RT: 13.010 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion:244 Resp: 1465448
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.6 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139141.D

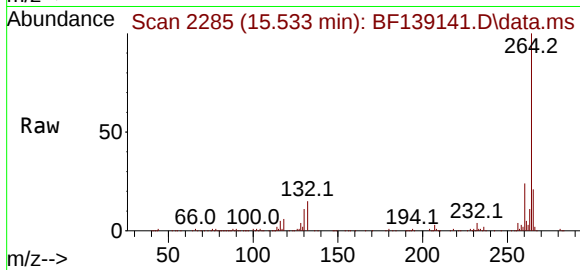
Acq: 23 Aug 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB162890TB



Tgt Ion:264 Resp: 178847

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.4 17.4 26.2

