

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139092.D
 Acq On : 21 Aug 2024 10:22
 Operator : RC/JU
 Sample : P3663-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 916-J-SD-0.5-1-081624

Quant Time: Aug 21 11:00:30 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)

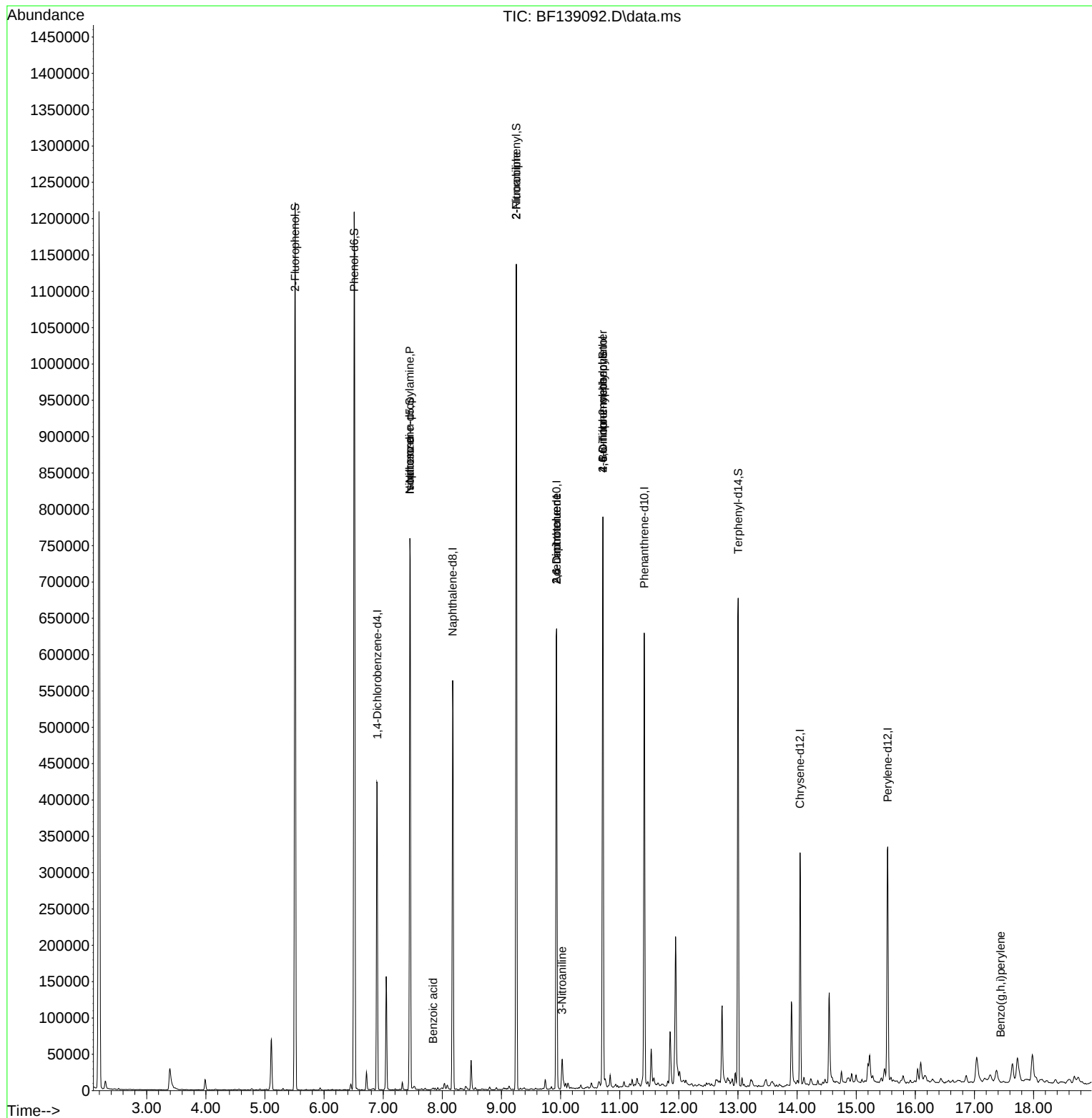
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	83969	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	323212	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	186112	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	306274	20.000	ng	0.00
76) Chrysene-d12	14.051	240	144567	20.000	ng	0.00
86) Perylene-d12	15.533	264	186947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	405766	74.346	ng	0.00
7) Phenol-d6	6.510	99	535373	75.916	ng	-0.01
23) Nitrobenzene-d5	7.451	82	332641	59.970	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	115986	68.841	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	456066	38.880	ng	0.00
79) Terphenyl-d14	13.004	244	320451	36.780	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	46503	10.041	ng	# 81
25) Isophorone	7.451	82	332570	28.209	ng	# 69
32) Benzoic acid	7.845	122	363	8.443	ng	# 77
48) 2-Nitroaniline	9.251	65	756	5.882	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	24462	14.132	ng	# 17
53) 3-Nitroaniline	10.027	138	304	4.294	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	24462	13.034	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	292	6.760	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	7877	2.427	ng	# 1
92) Benzo(g,h,i)perylene	17.445	276	737	2.862	ng	# 55

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

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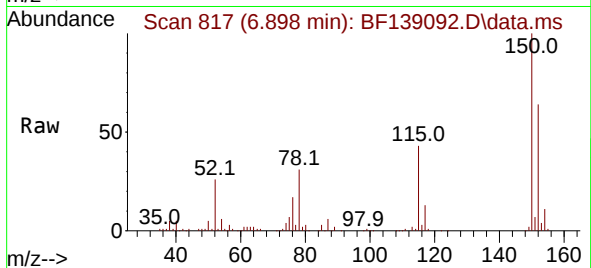
Quant Time: Aug 21 11:00:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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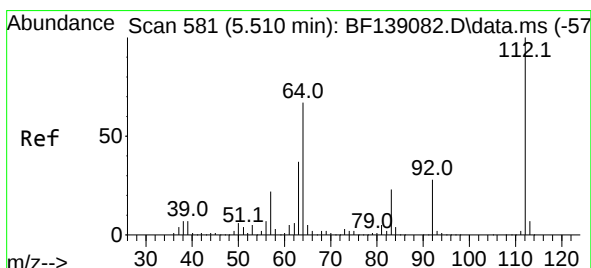
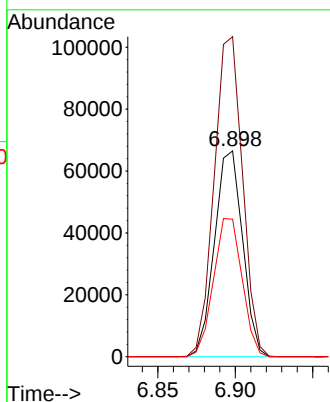
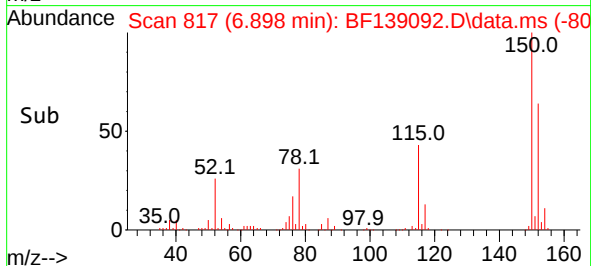


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

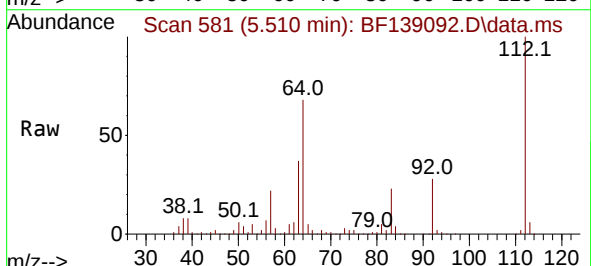
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624



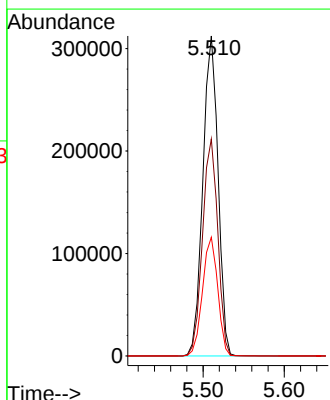
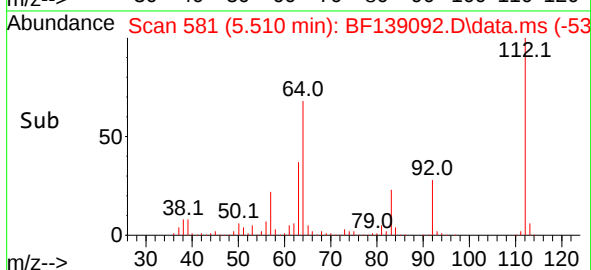
Tgt Ion:152 Resp: 83969
Ion Ratio Lower Upper
152 100
150 155.5 125.1 187.7
115 66.8 51.8 77.6



#5
2-Fluorophenol
Concen: 74.346 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22



Tgt Ion:112 Resp: 405766
Ion Ratio Lower Upper
112 100
64 67.8 53.8 80.6
63 37.1 29.4 44.2





#7

Phenol-d6

Concen: 75.916 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF139092.D

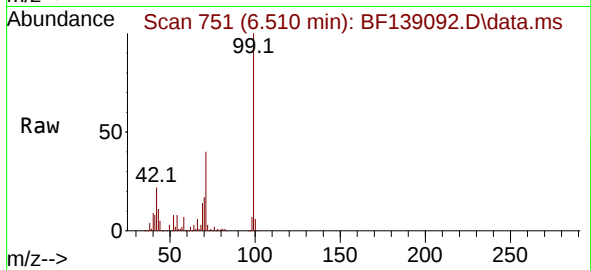
Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624



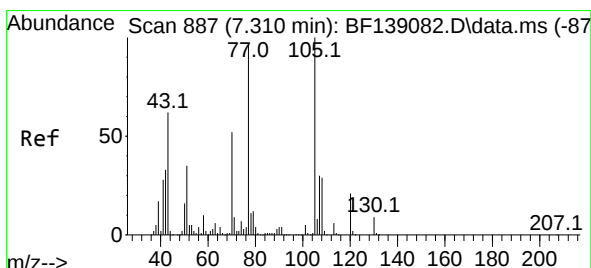
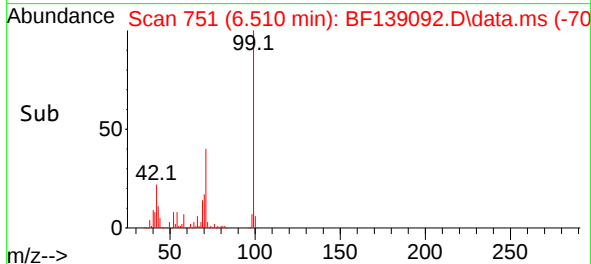
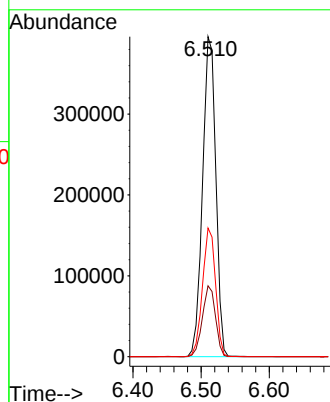
Tgt Ion: 99 Resp: 535373

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.2

71 40.2 31.2 46.8



#19

n-Nitroso-di-n-propylamine

Concen: 10.041 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.141 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

Tgt Ion: 70 Resp: 46503

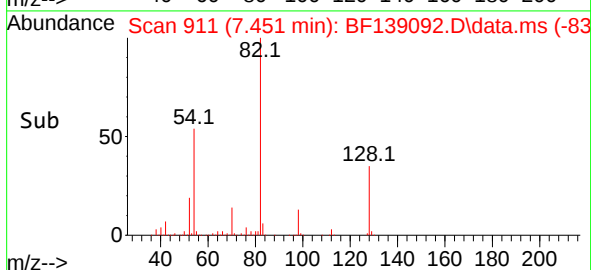
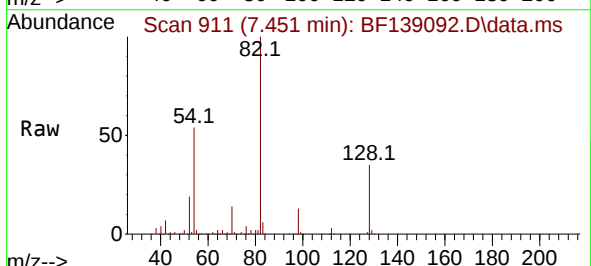
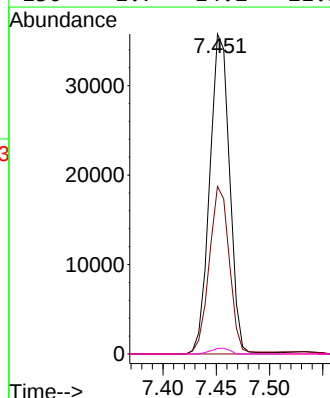
Ion Ratio Lower Upper

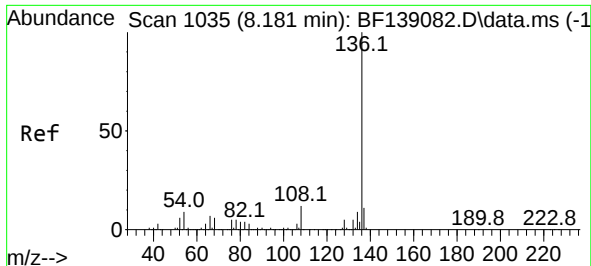
70 100

42 52.4 50.5 75.7

101 0.0 7.2 10.8#

130 1.7 14.2 21.2#

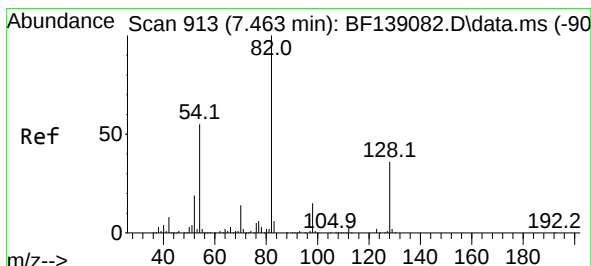
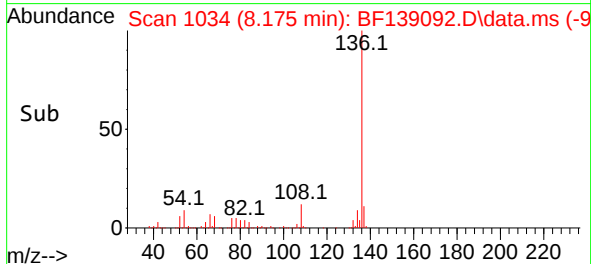
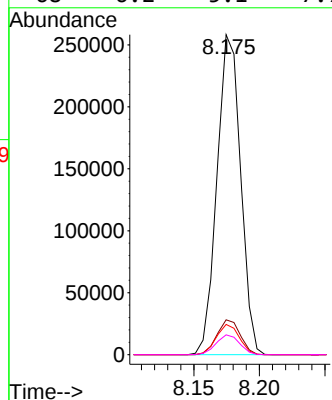
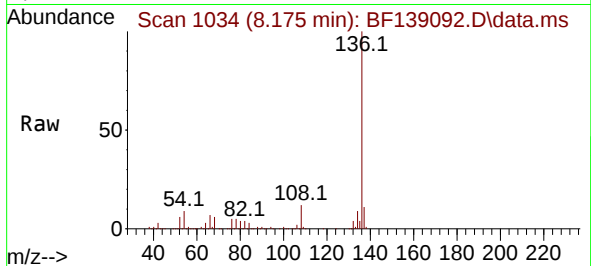




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

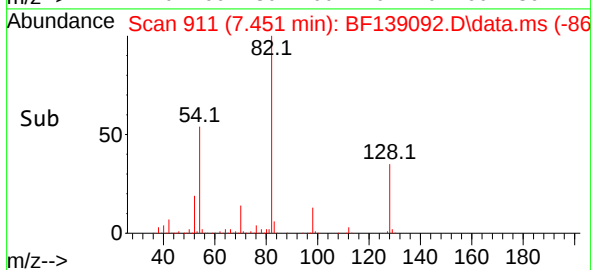
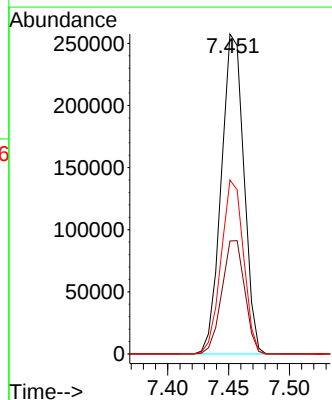
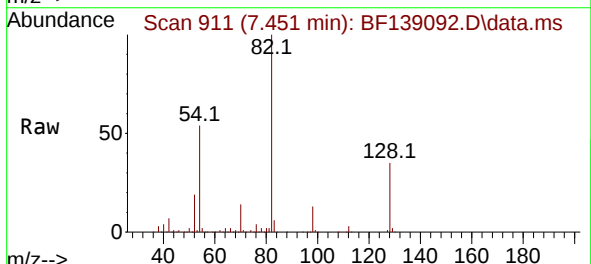
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	323212
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.4	7.6	11.4
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 59.970 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

Tgt Ion:	82	Resp:	332641
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.0	43.4
54	54.3	43.4	65.2

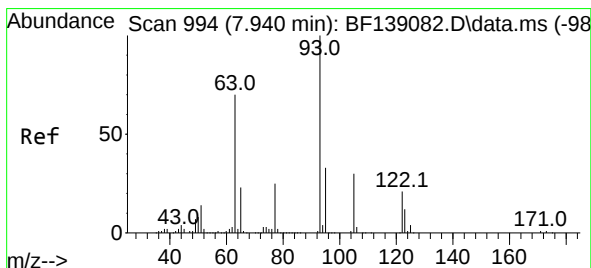
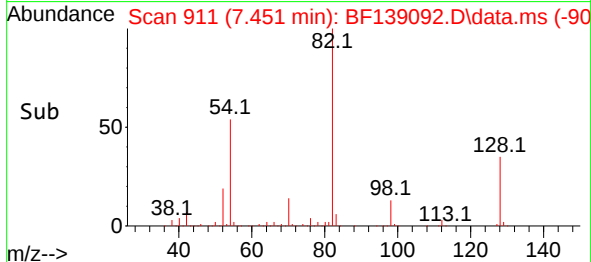
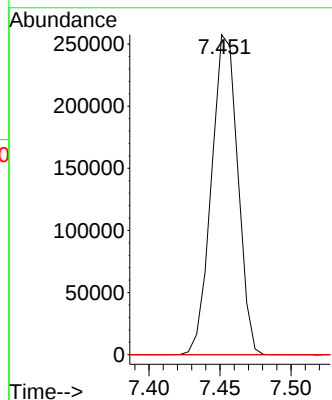
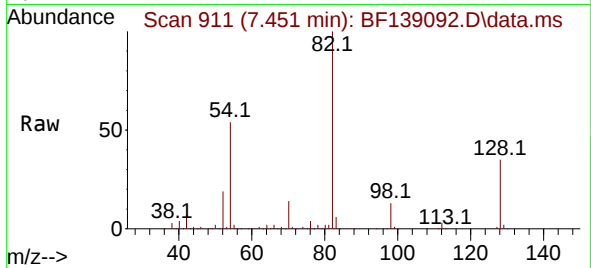




#25
Isophorone
Concen: 28.209 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

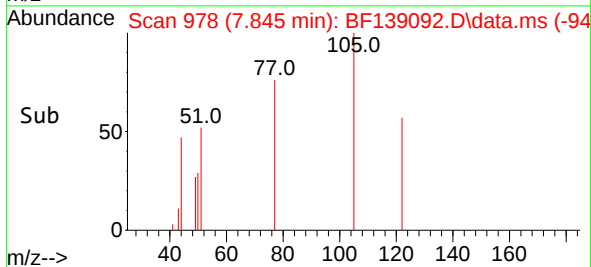
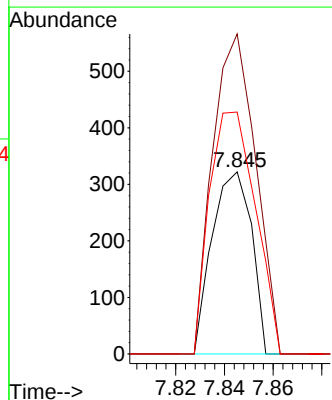
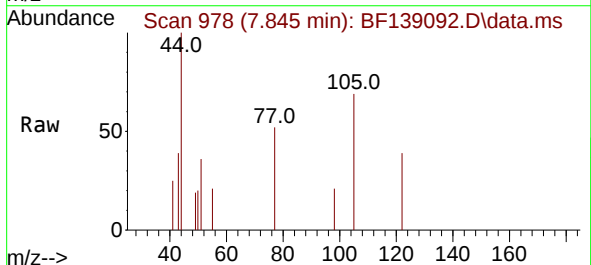
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624

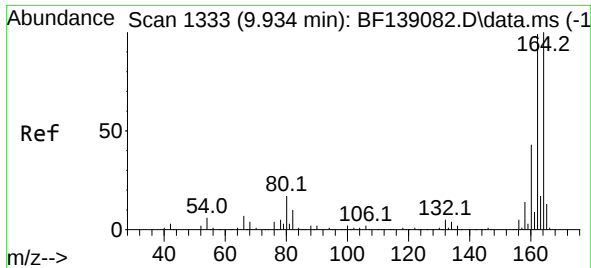
Tgt Ion: 82 Resp: 332570
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.443 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.095 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

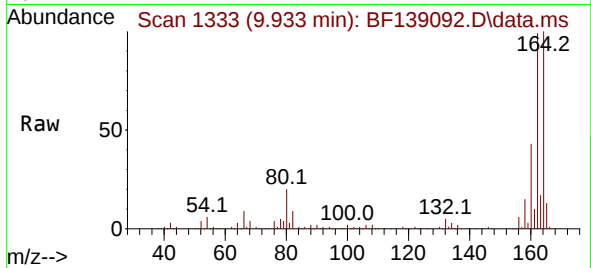
Tgt Ion: 122 Resp: 363
Ion Ratio Lower Upper
122 100
105 175.8 119.6 159.6#
77 132.9 97.6 137.6



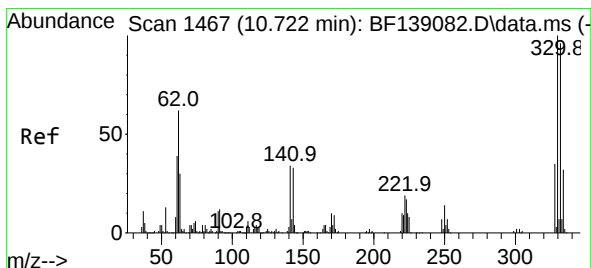
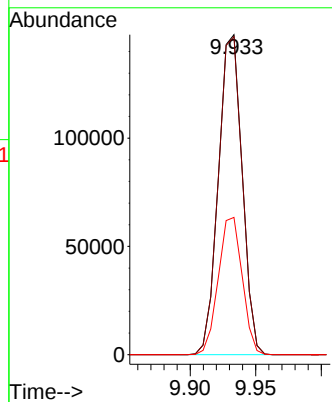
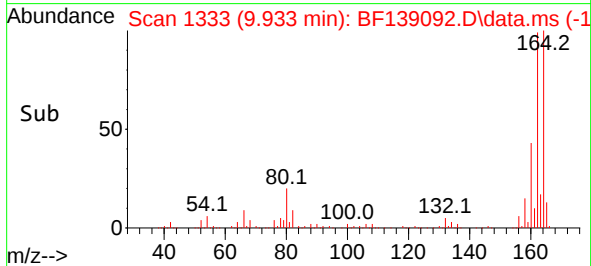


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

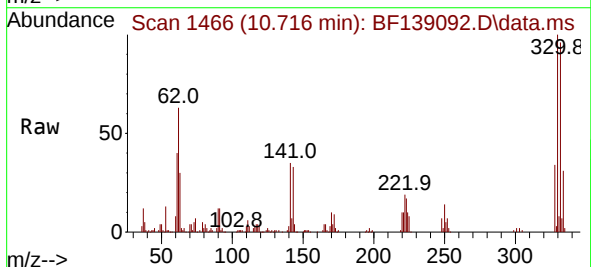
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BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624



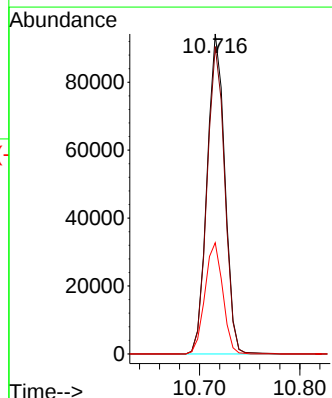
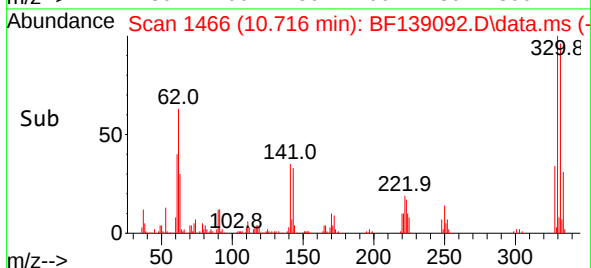
Tgt Ion:164 Resp: 186112
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 42.9 34.5 51.7

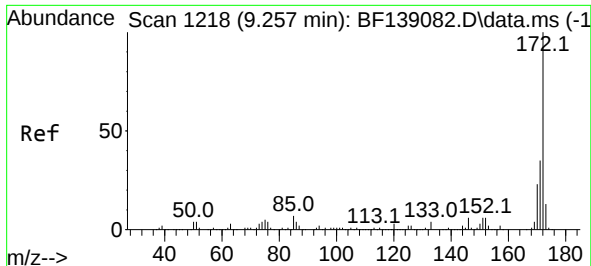


#42
2,4,6-Tribromophenol
Concen: 68.841 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22



Tgt Ion:330 Resp: 115986
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 34.9 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 38.880 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624

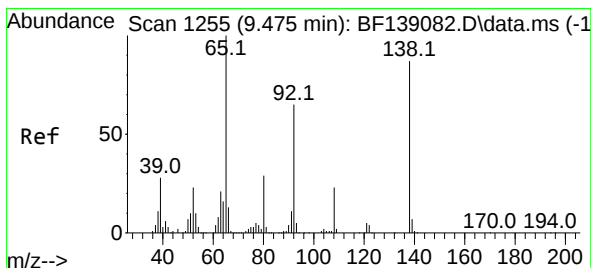
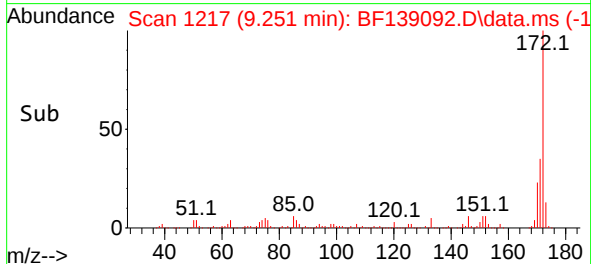
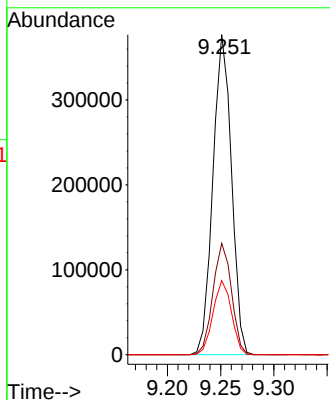
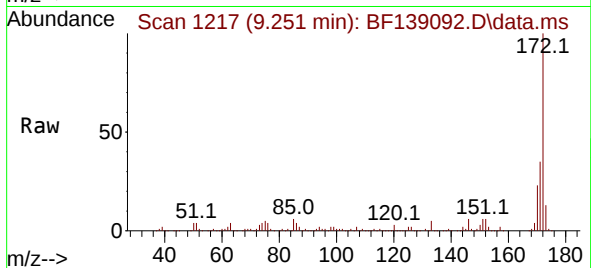
Tgt Ion:172 Resp: 456066

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.1 18.8 28.2



#48

2-Nitroaniline

Concen: 5.882 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.224 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

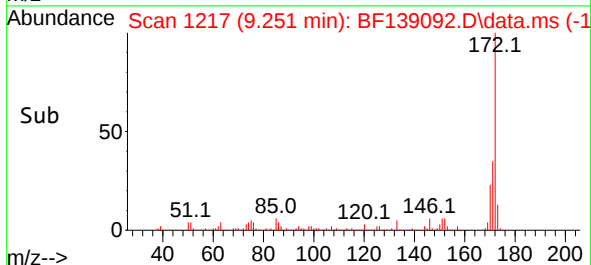
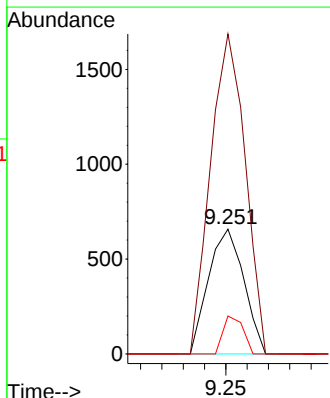
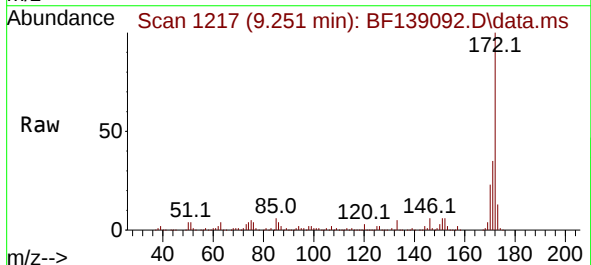
Tgt Ion: 65 Resp: 756

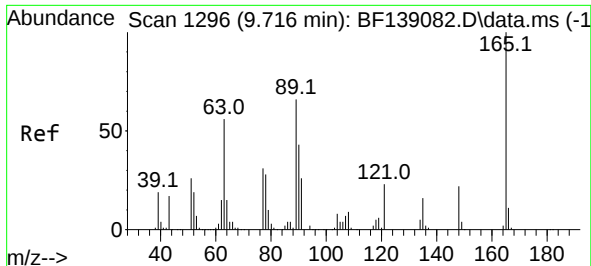
Ion Ratio Lower Upper

65 100

92 256.4 52.4 78.6#

138 30.4 69.4 104.0#

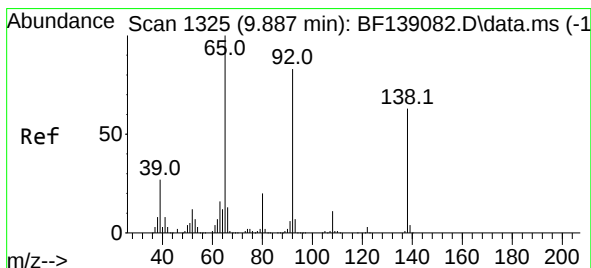
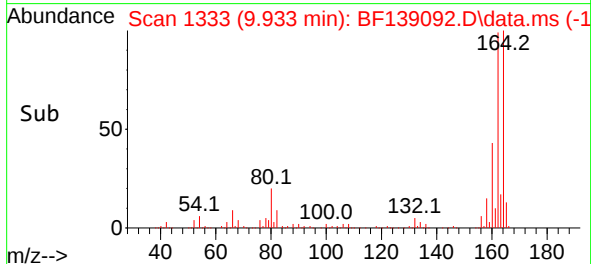
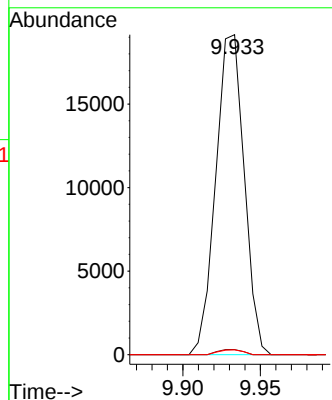
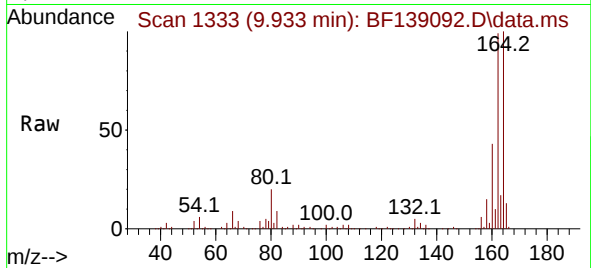




#51
2,6-Dinitrotoluene
Concen: 14.132 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

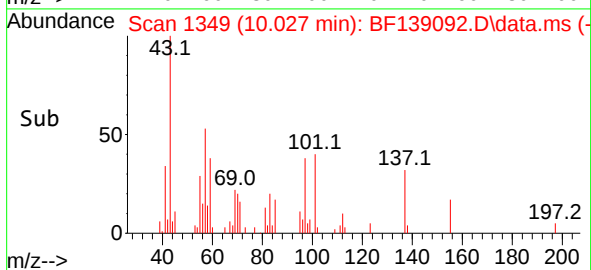
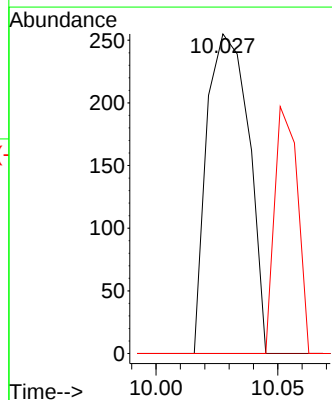
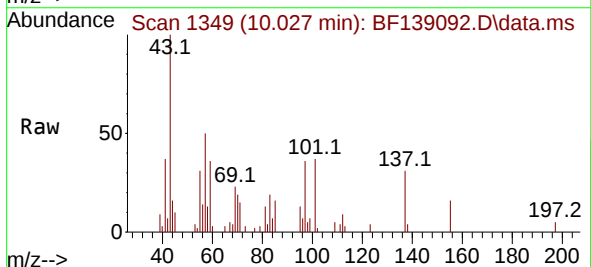
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624

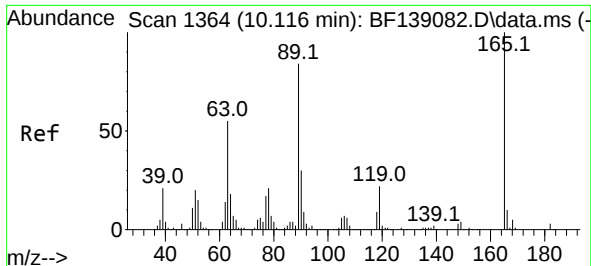
Tgt Ion:165 Resp: 24462
Ion Ratio Lower Upper
165 100
63 1.6 58.0 87.0#
89 1.5 53.3 79.9#



#53
3-Nitroaniline
Concen: 4.294 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.140 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

Tgt Ion:138 Resp: 304
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#

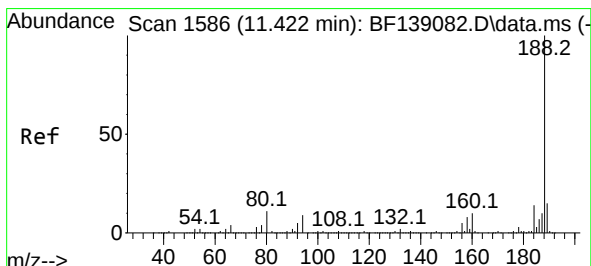
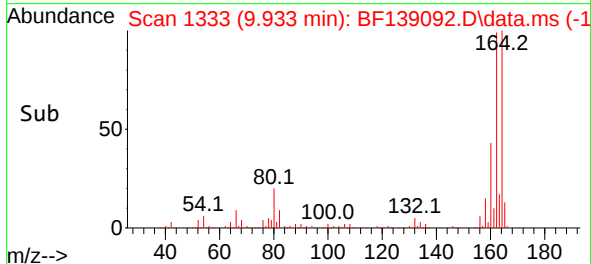
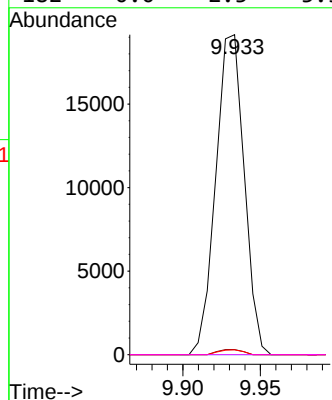
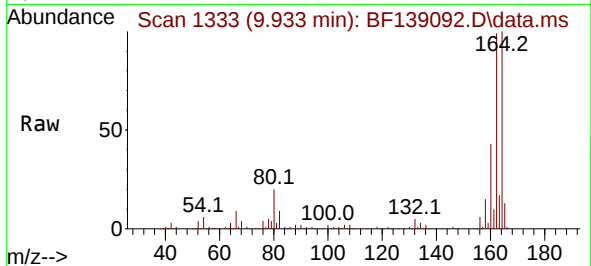




#57
2,4-Dinitrotoluene
Concen: 13.034 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

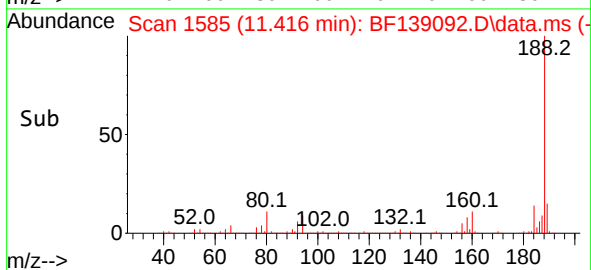
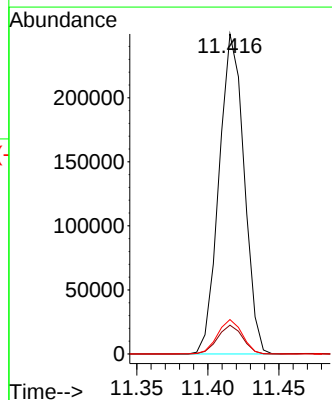
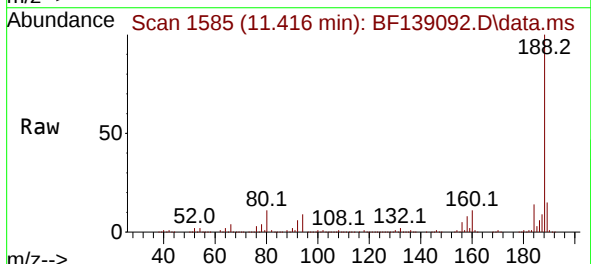
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624

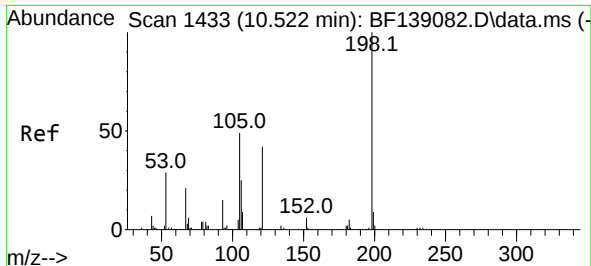
Tgt Ion:165 Resp: 24462
Ion Ratio Lower Upper
165 100
63 1.6 44.2 66.4#
89 1.5 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

Tgt Ion:188 Resp: 306274
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.8 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 6.760 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624

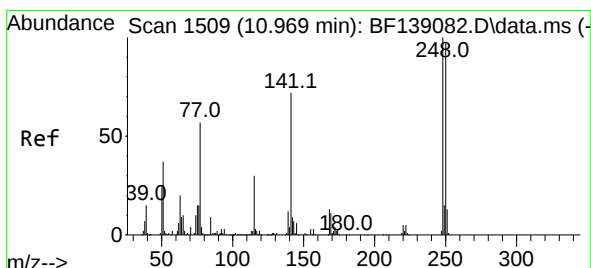
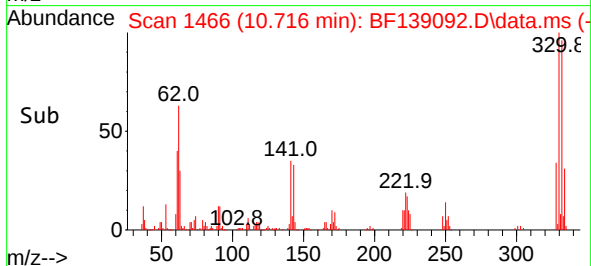
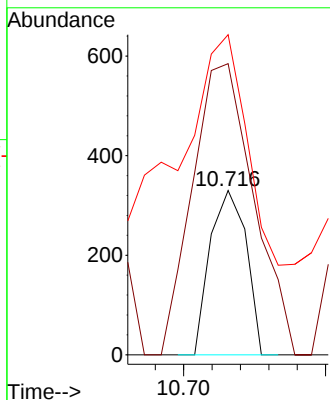
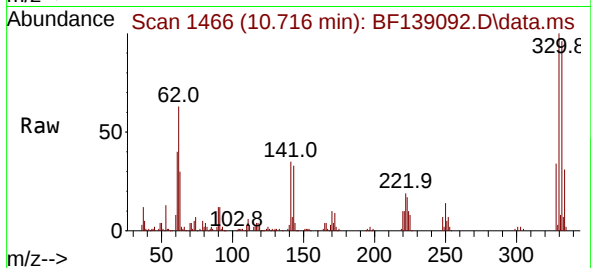
Tgt Ion:198 Resp: 292

Ion Ratio Lower Upper

198 100

51 177.3 40.8 80.8#

105 194.8 30.9 70.9#



#67

4-Bromophenyl-phenylether

Concen: 2.427 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.253 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

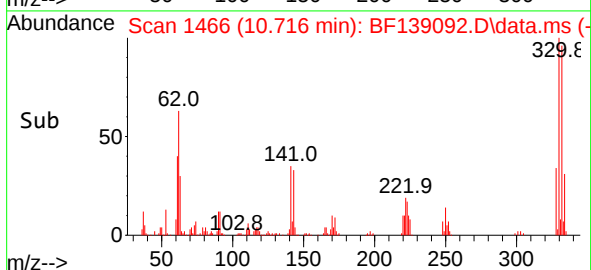
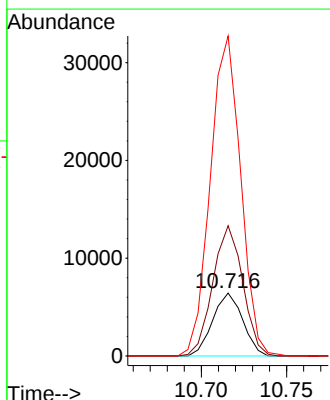
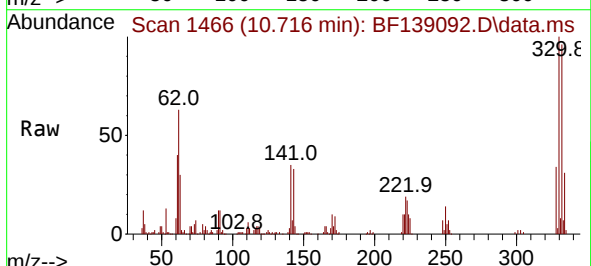
Tgt Ion:248 Resp: 7877

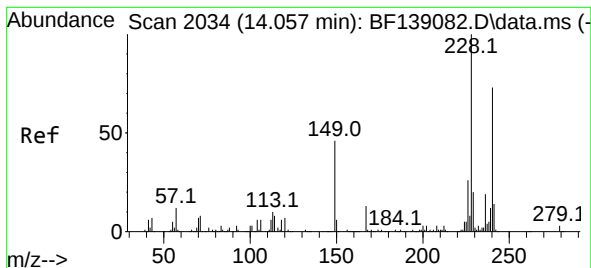
Ion Ratio Lower Upper

248 100

250 207.1 77.8 116.8#

141 508.7 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: BF139092.D

Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624

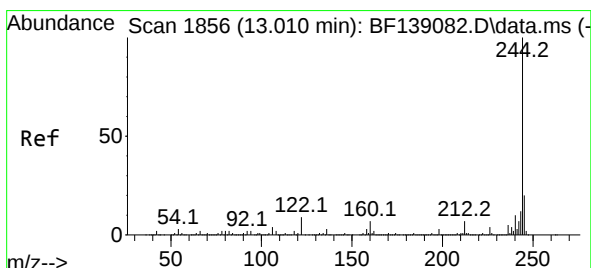
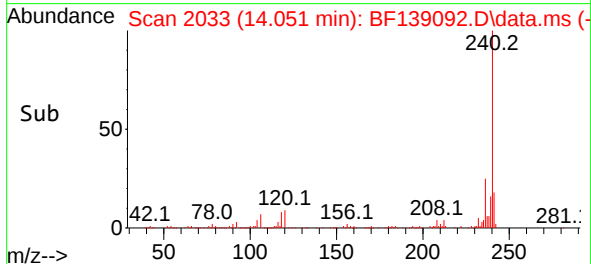
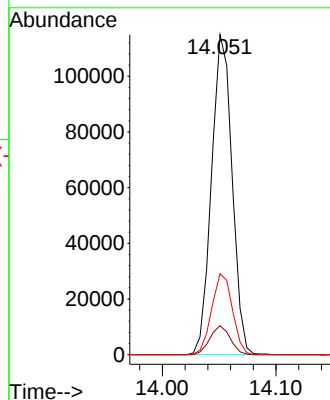
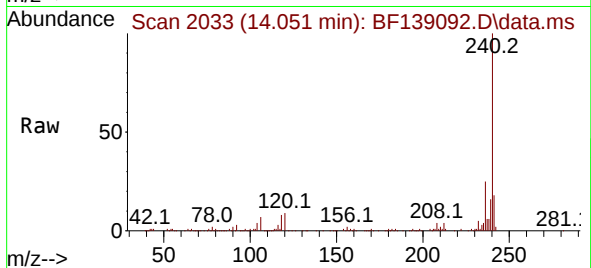
Tgt Ion:240 Resp: 144567

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.3 20.9 31.3



#79

Terphenyl-d14

Concen: 36.780 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

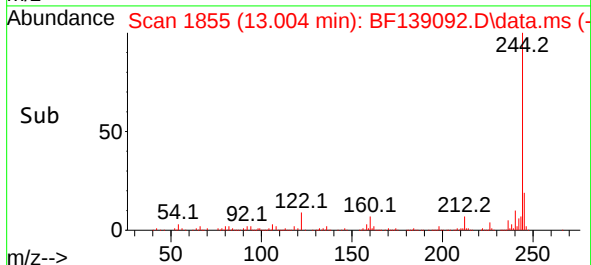
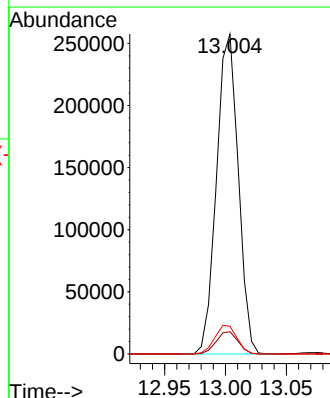
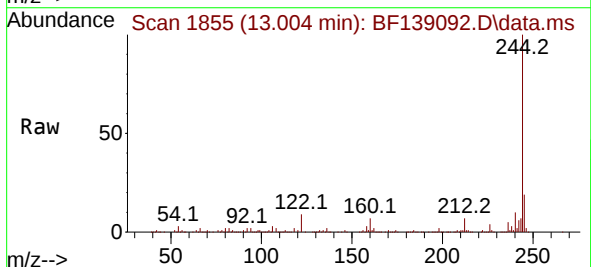
Tgt Ion:244 Resp: 320451

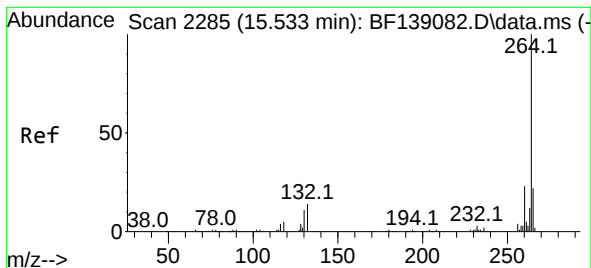
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.7 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: BF139092.D

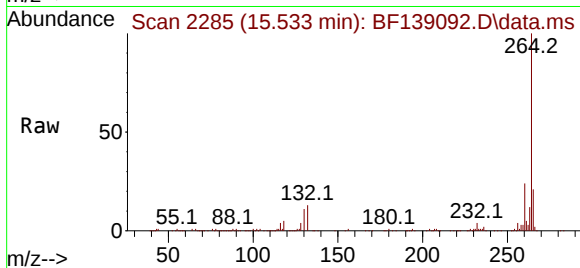
Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624



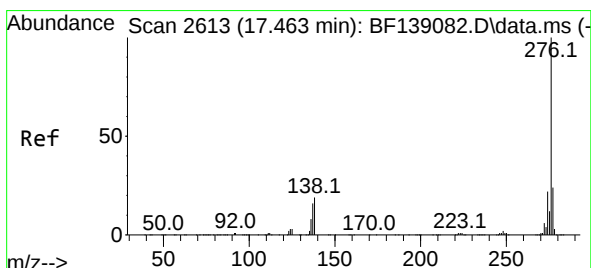
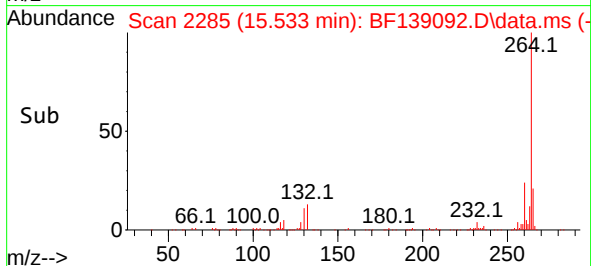
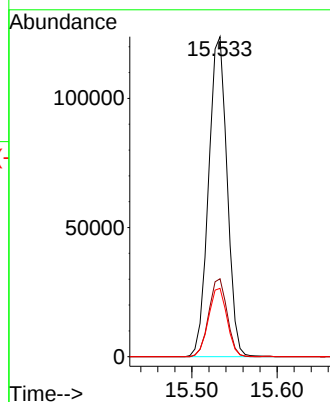
Tgt Ion:264 Resp: 186947

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.4 17.4 26.2



#92

Benzo(g,h,i)perylene

Concen: 2.862 ng

RT: 17.445 min Scan# 2610

Delta R.T. -0.018 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

Tgt Ion:276 Resp: 737

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 15.0 22.4#

