

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139105.D
 Acq On : 21 Aug 2024 16:50
 Operator : RC/JU
 Sample : P3660-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-901-J-0.5-1-081624

Quant Time: Aug 21 17:57:52 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)

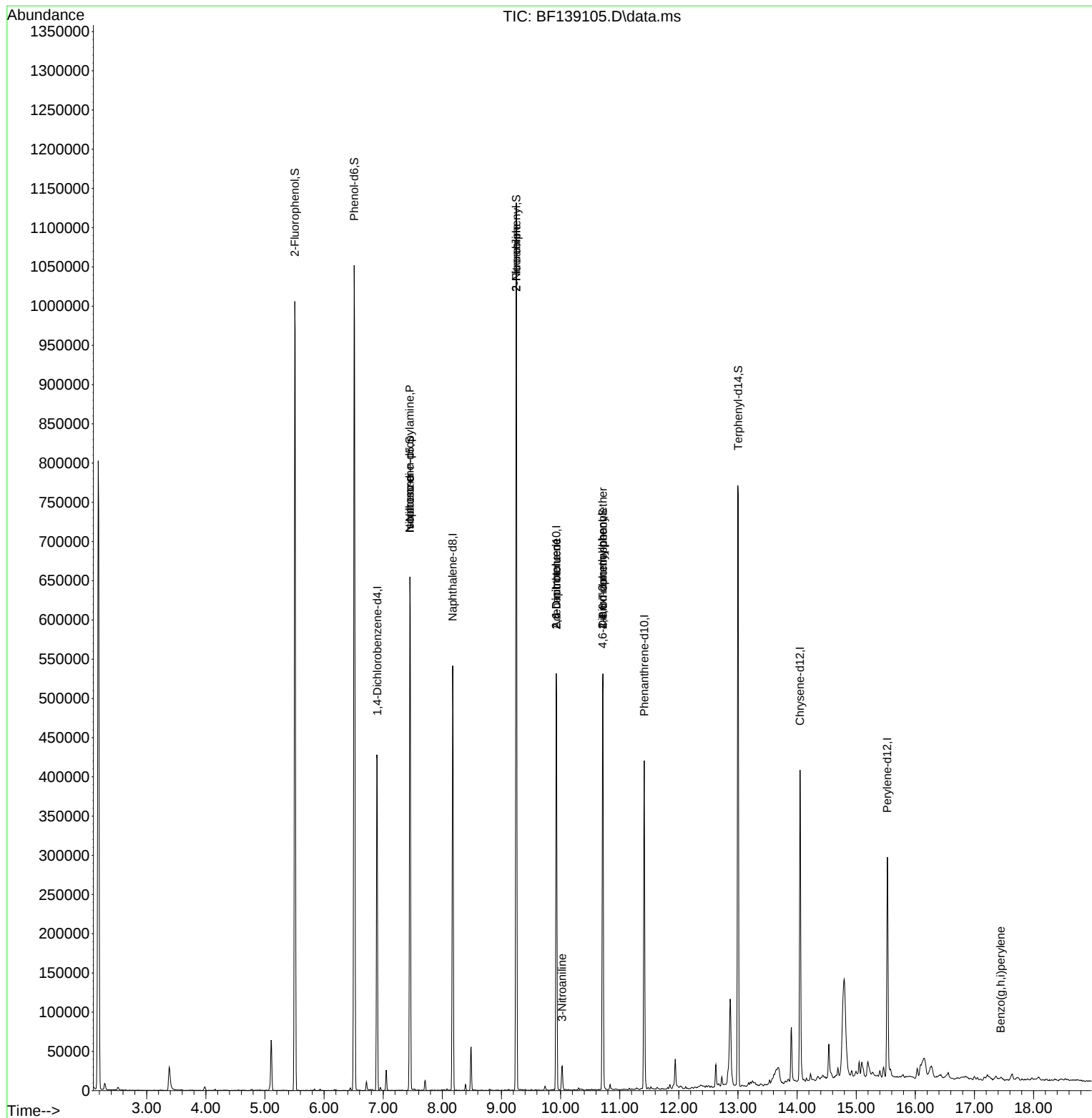
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	85374	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	304737	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	152414	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	207304	20.000	ng	0.00
76) Chrysene-d12	14.051	240	172523	20.000	ng	0.00
86) Perylene-d12	15.527	264	154645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	340095	61.288	ng	0.00
7) Phenol-d6	6.510	99	457679	63.831	ng	-0.01
23) Nitrobenzene-d5	7.451	82	284362	54.374	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	78908	57.189	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	455027	47.368	ng	0.00
79) Terphenyl-d14	13.004	244	370447	35.629	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	38917	8.265	ng	# 79
25) Isophorone	7.451	82	284288	25.575	ng	# 69
48) 2-Nitroaniline	9.251	65	953	6.003	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	19768	14.005	ng	# 17
53) 3-Nitroaniline	10.028	138	130	4.237	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	19768	12.935	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.710	198	137	6.672	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	5781	2.632	ng	# 1
92) Benzo(g,h,i)perylene	17.445	276	2981	3.125	ng	97

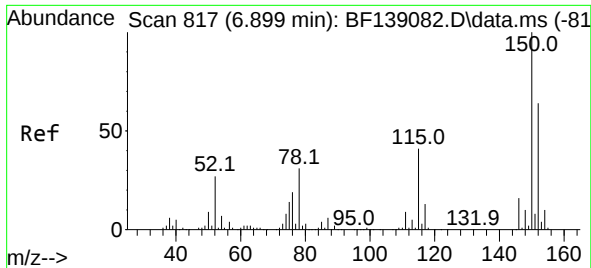
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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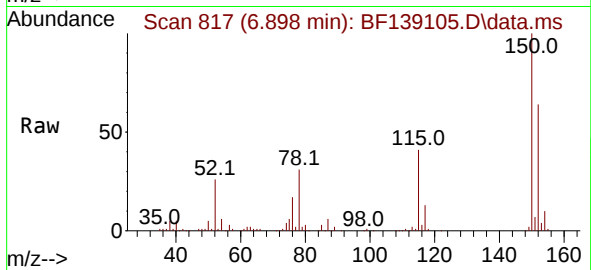
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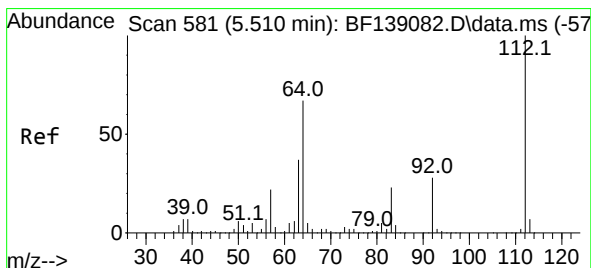
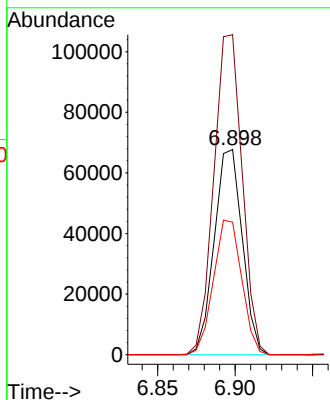
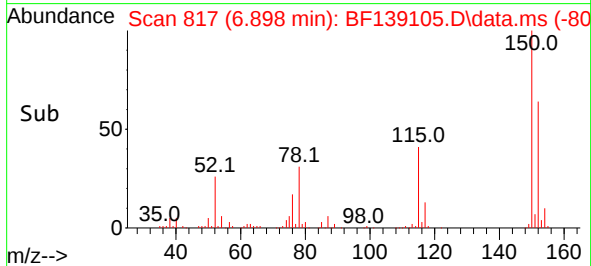


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

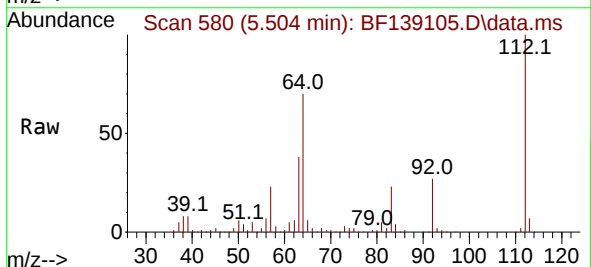
Instrument :
BNA_F
ClientSampleId :
S-901-J-0.5-1-081624



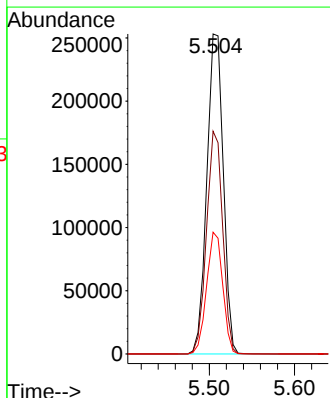
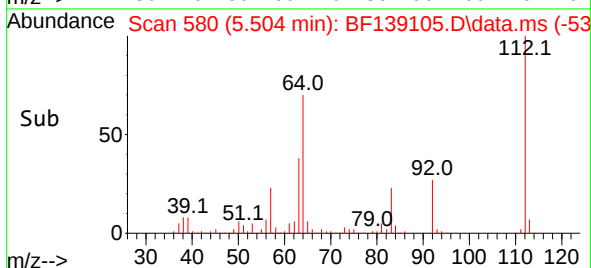
Tgt Ion:152 Resp: 85374
Ion Ratio Lower Upper
152 100
150 156.0 125.1 187.7
115 64.6 51.8 77.6

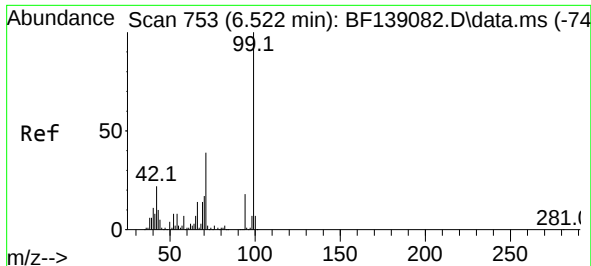


#5
2-Fluorophenol
Concen: 61.288 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50



Tgt Ion:112 Resp: 340095
Ion Ratio Lower Upper
112 100
64 69.6 53.8 80.6
63 38.0 29.4 44.2

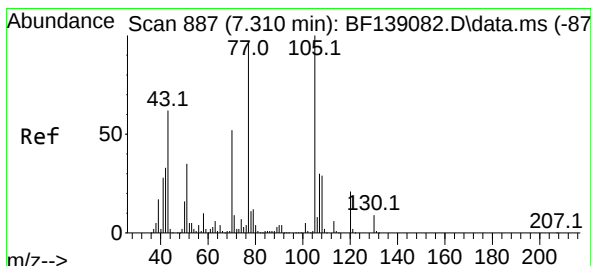
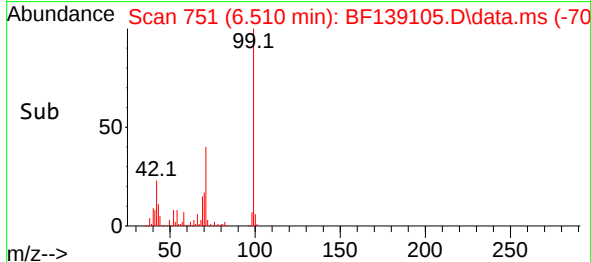
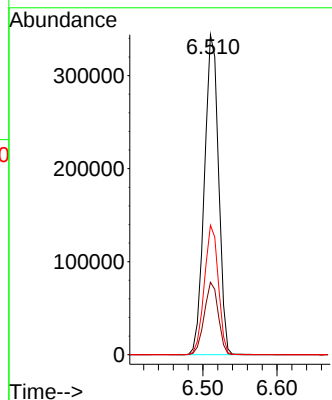
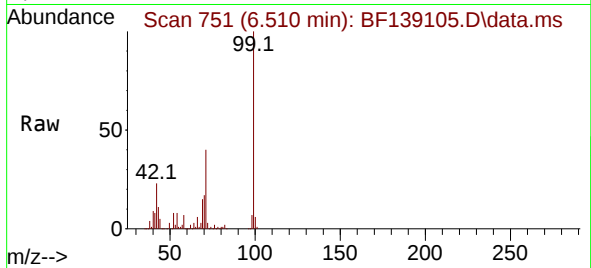




#7
Phenol-d6
Concen: 63.831 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

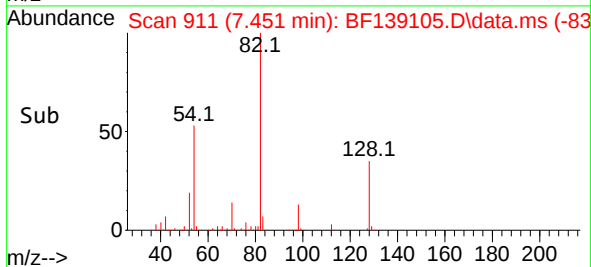
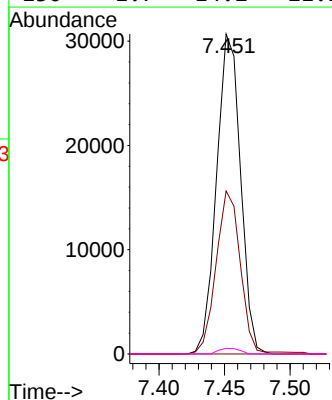
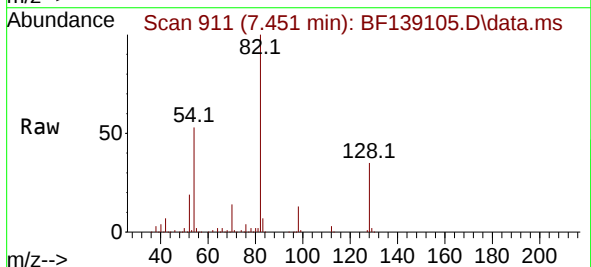
Instrument :
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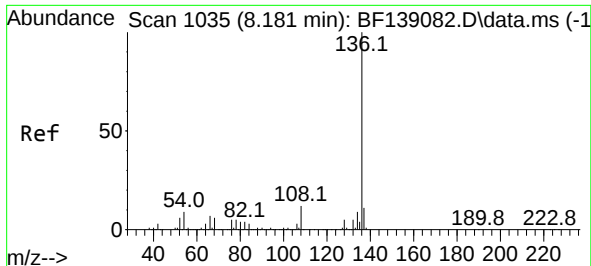
Tgt Ion: 99 Resp: 457679
Ion Ratio Lower Upper
99 100
42 22.6 17.4 26.2
71 40.4 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.265 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

Tgt Ion: 70 Resp: 38917
Ion Ratio Lower Upper
70 100
42 50.9 50.5 75.7
101 0.0 7.2 10.8#
130 1.7 14.2 21.2#

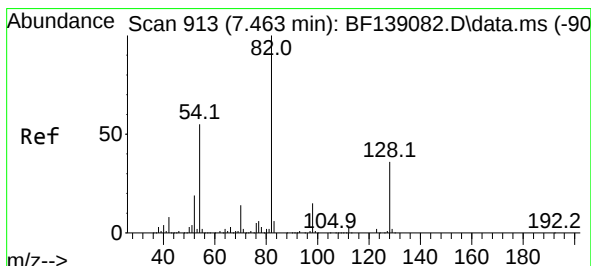
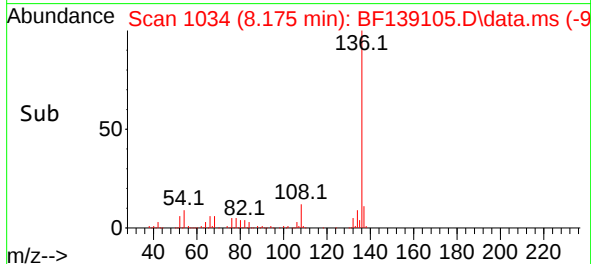
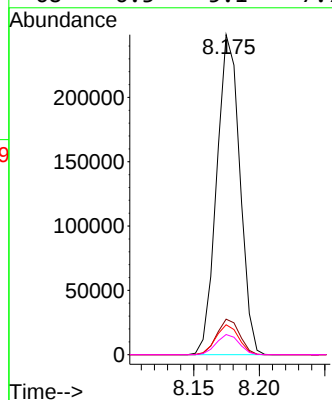
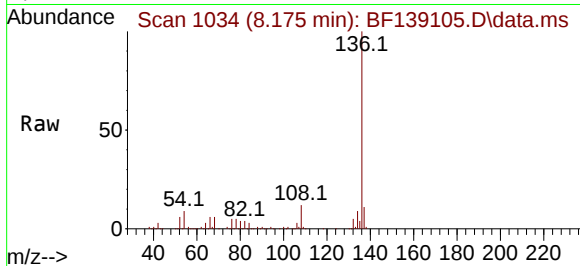




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

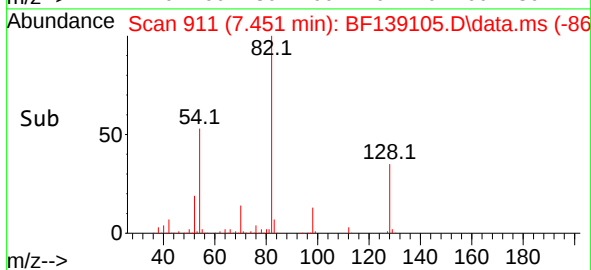
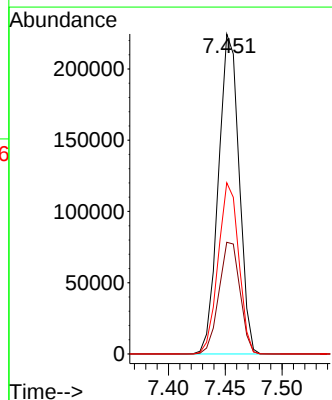
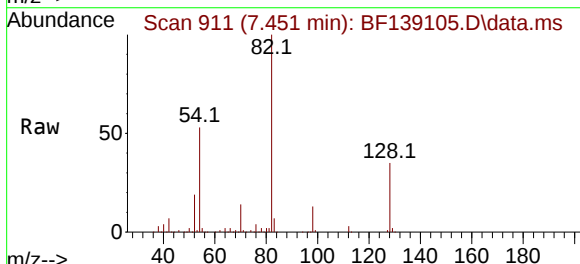
Instrument :
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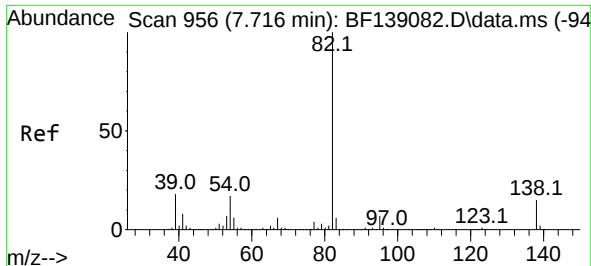
Tgt Ion:	136	Resp:	304737
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.4	7.6	11.4
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 54.374 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

Tgt Ion:	82	Resp:	284362
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.0	43.4
54	53.5	43.4	65.2

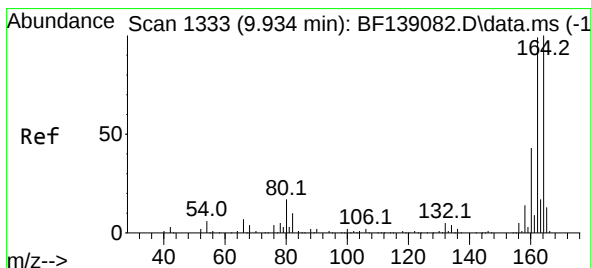
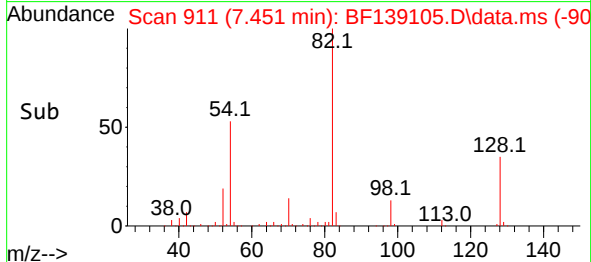
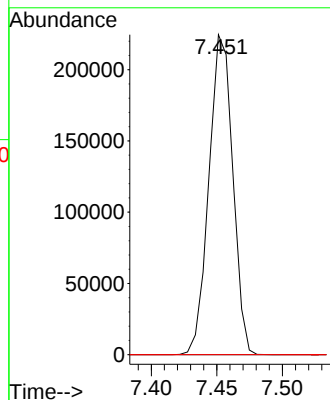
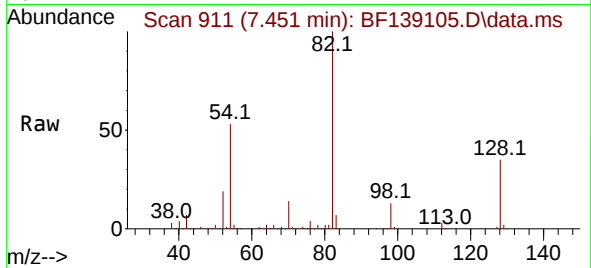




#25
Isophorone
Concen: 25.575 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

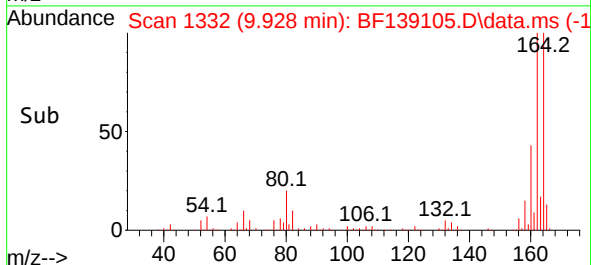
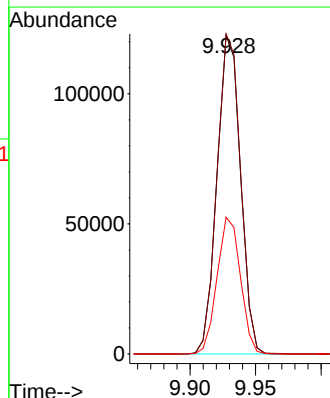
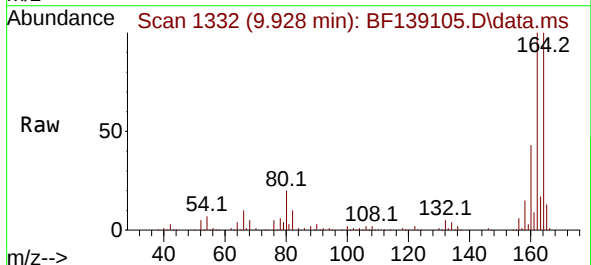
Instrument :
BNA_F
ClientSampleId :
S-901-J-0.5-1-081624

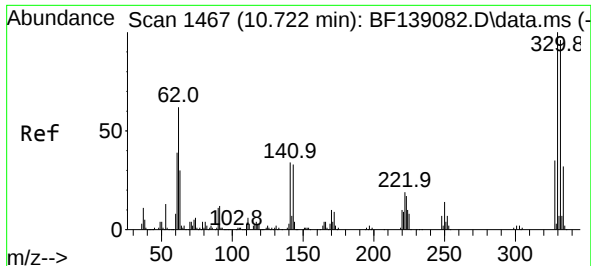
Tgt Ion: 82 Resp: 284288
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

Tgt Ion:164 Resp: 152414
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 42.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 57.189 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139105.D

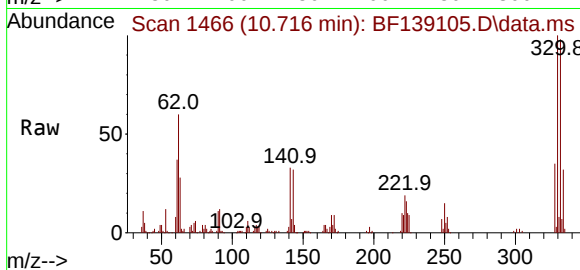
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Instrument :

BNA_F

ClientSampleId :

S-901-J-0.5-1-081624



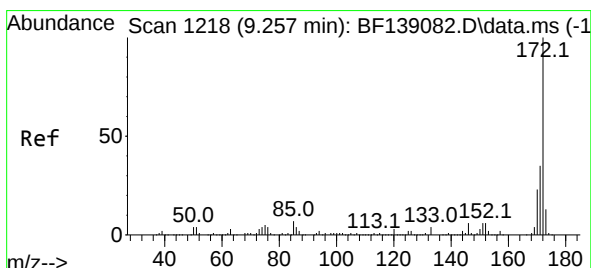
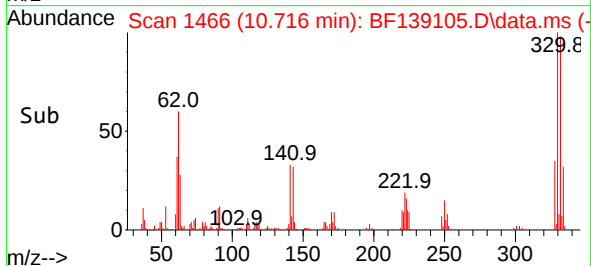
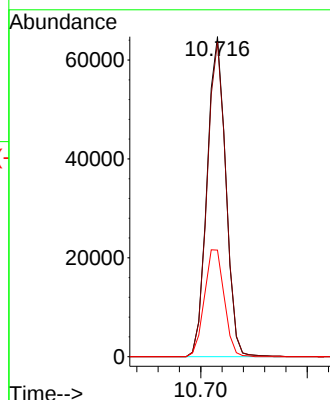
Tgt Ion:330 Resp: 78908

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

141 35.5 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 47.368 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

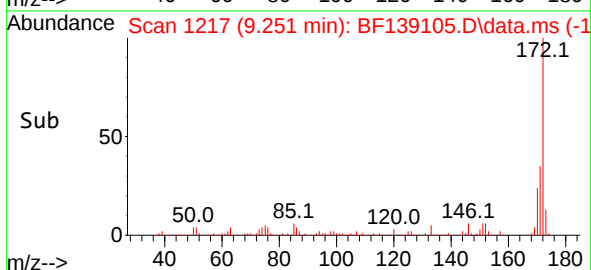
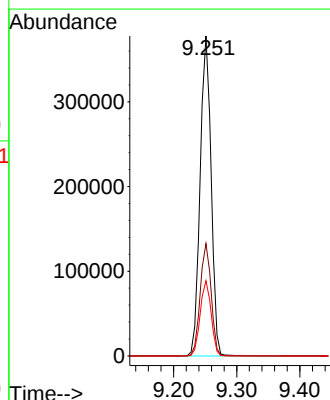
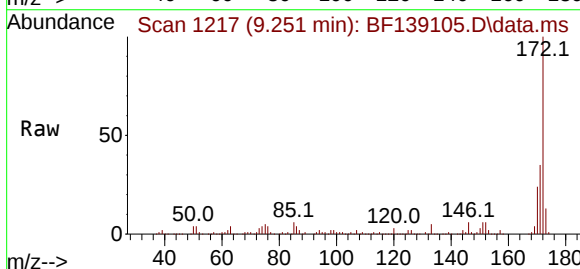
Tgt Ion:172 Resp: 455027

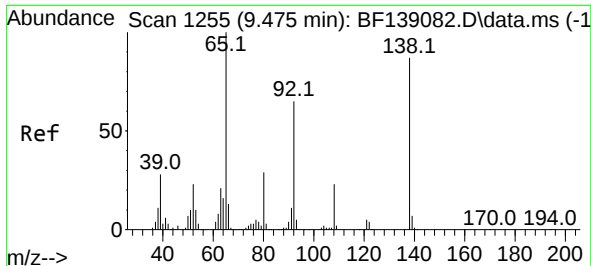
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 18.8 28.2

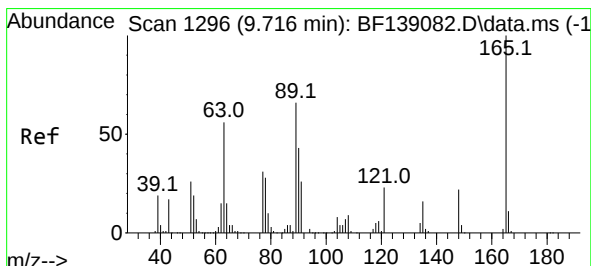
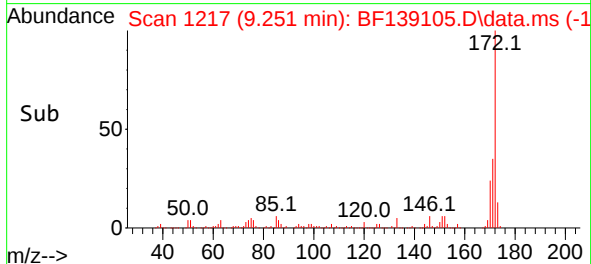
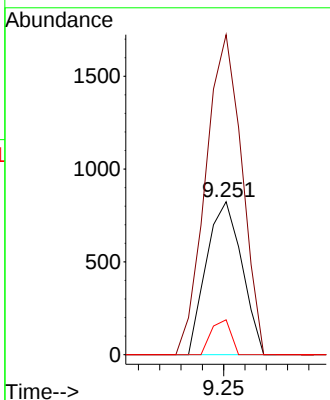
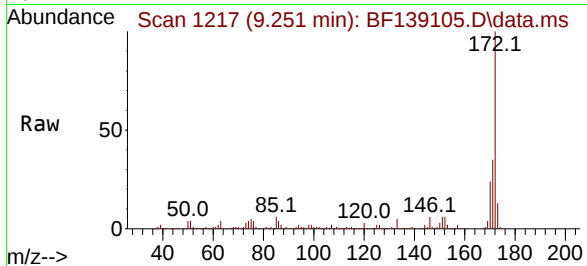




#48
2-Nitroaniline
Concen: 6.003 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

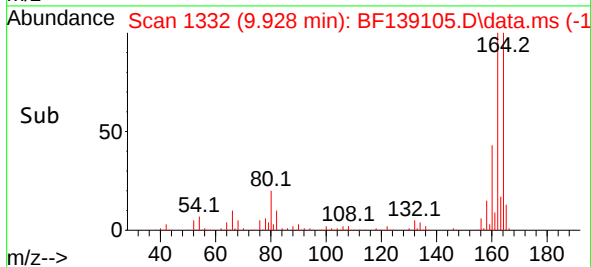
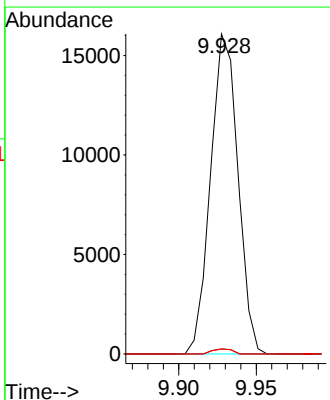
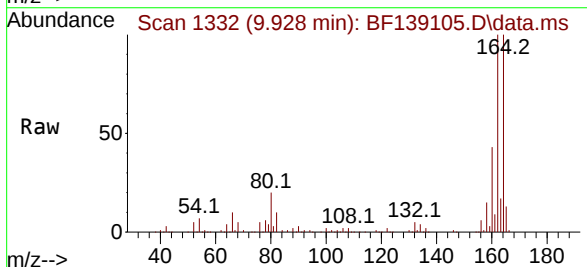
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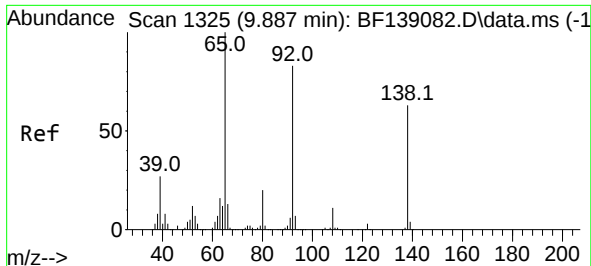
Tgt Ion: 65 Resp: 953
Ion Ratio Lower Upper
65 100
92 209.2 52.4 78.6#
138 22.8 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 14.005 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

Tgt Ion: 165 Resp: 19768
Ion Ratio Lower Upper
165 100
63 1.6 58.0 87.0#
89 1.5 53.3 79.9#

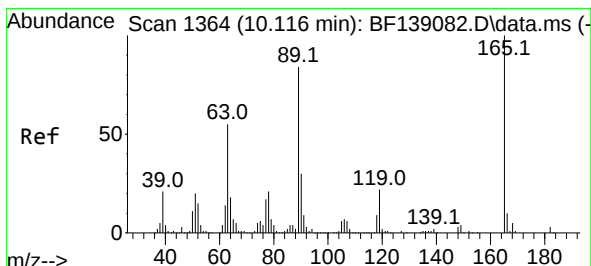
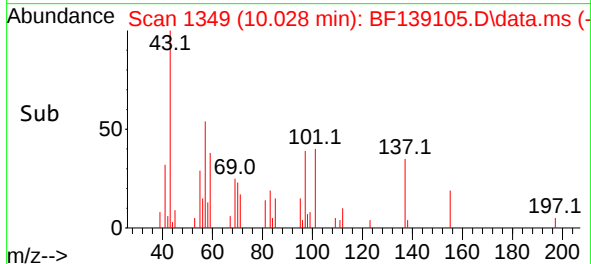
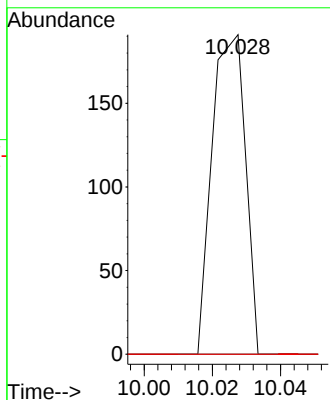
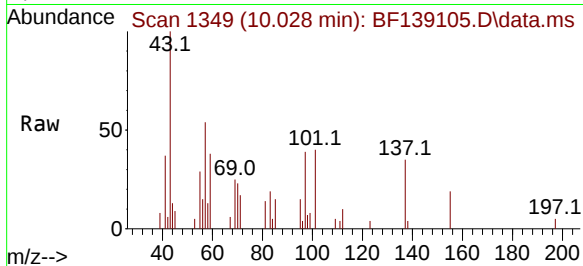




#53
3-Nitroaniline
Concen: 4.237 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

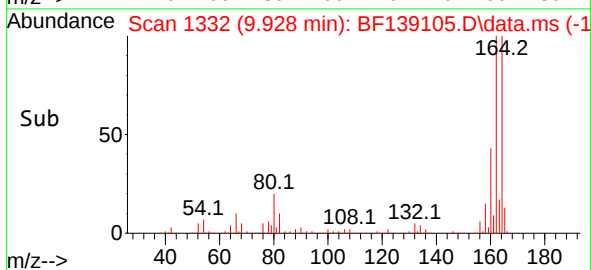
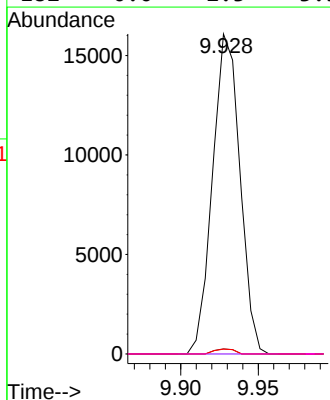
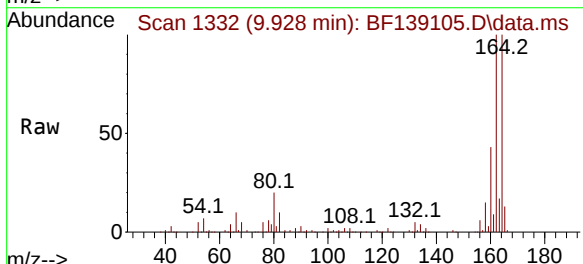
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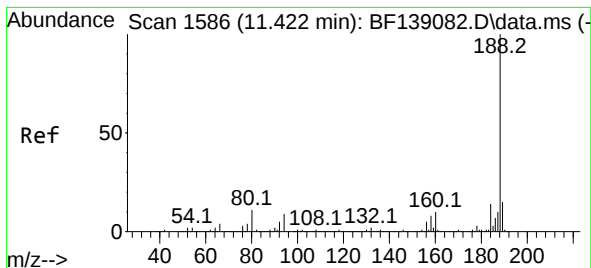
Tgt Ion:138 Resp: 130
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#



#57
2,4-Dinitrotoluene
Concen: 12.935 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

Tgt Ion:165 Resp: 19768
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# 1

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

S-901-J-0.5-1-081624

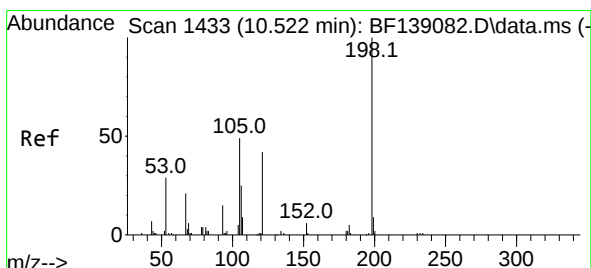
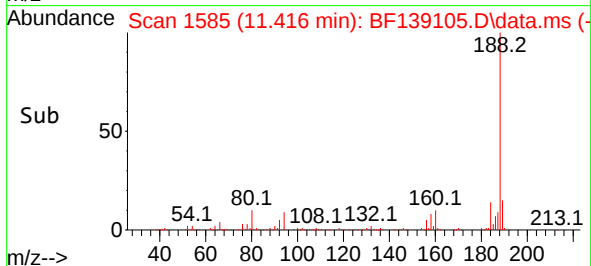
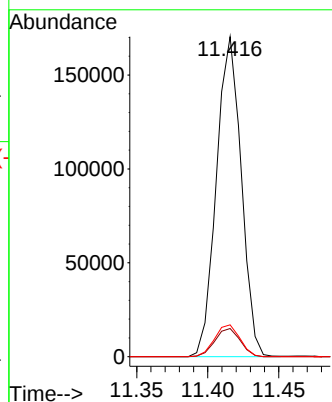
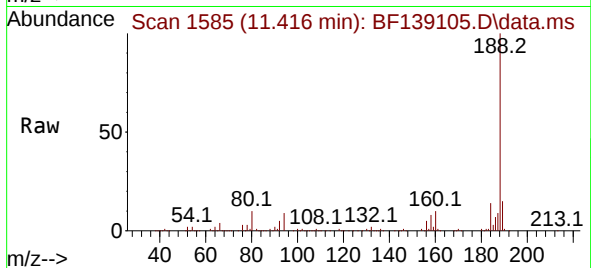
Tgt Ion:188 Resp: 207304

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.0 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 6.672 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

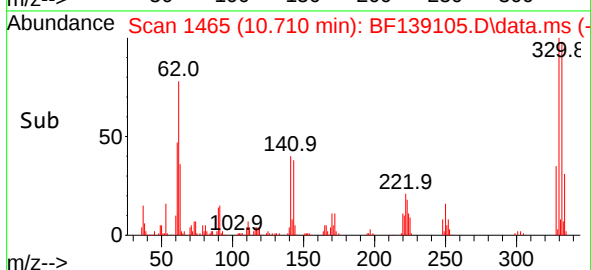
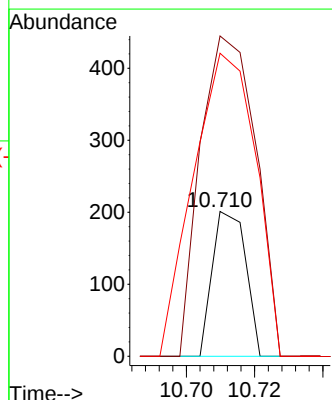
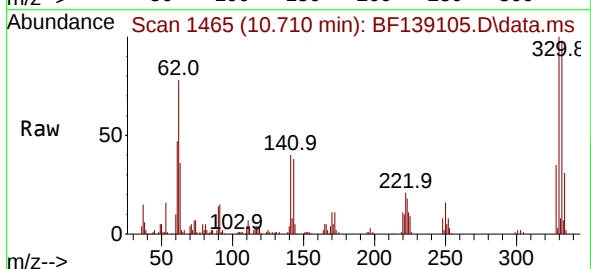
Tgt Ion:198 Resp: 137

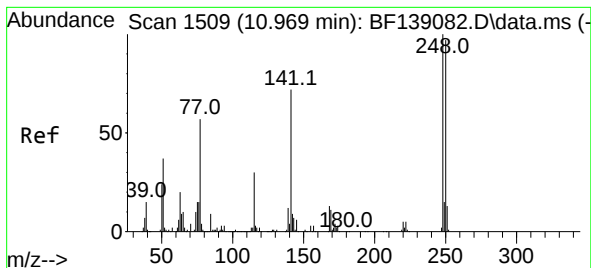
Ion Ratio Lower Upper

198 100

51 221.4 40.8 80.8#

105 209.5 30.9 70.9#

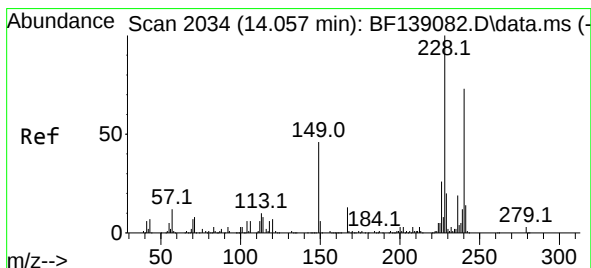
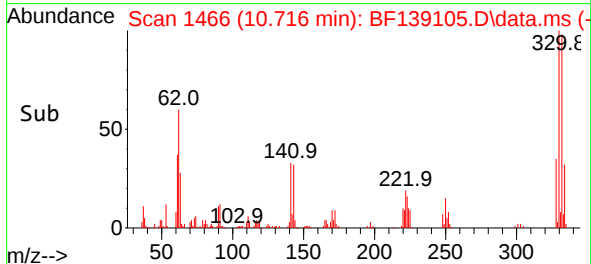
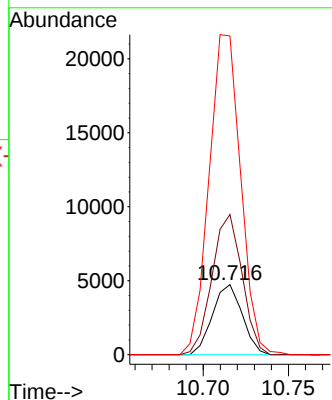
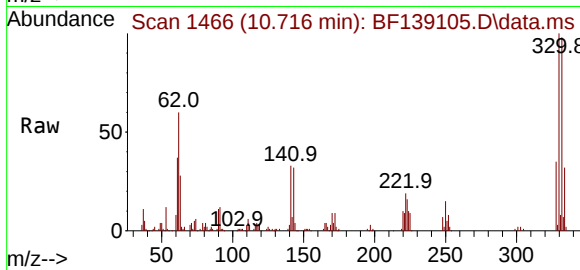




#67
4-Bromophenyl-phenylether
Concen: 2.632 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

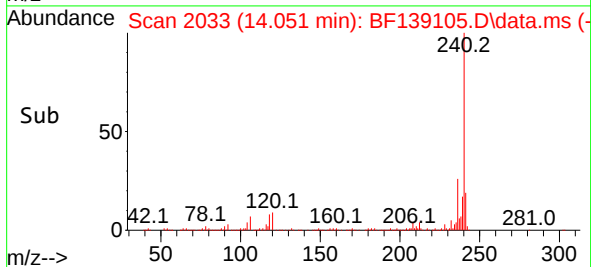
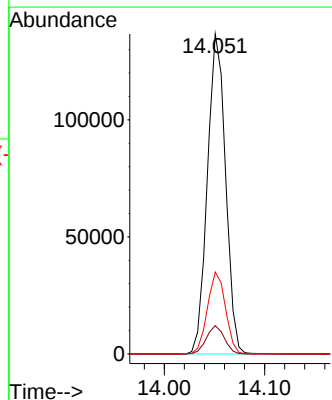
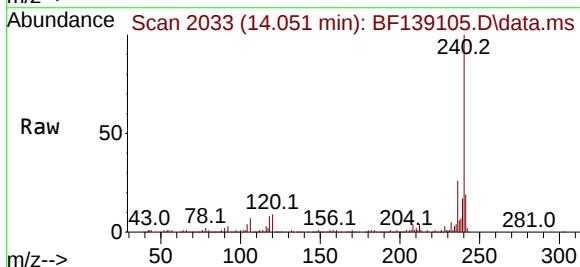
Instrument :
BNA_F
ClientSampleId :
S-901-J-0.5-1-081624

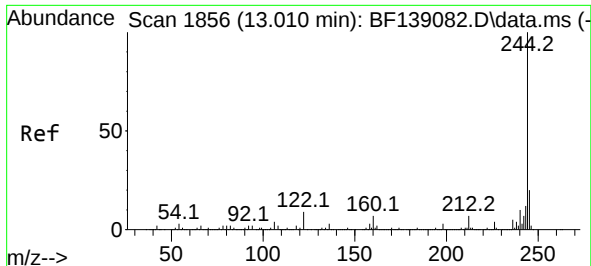
Tgt Ion:248 Resp: 5781
Ion Ratio Lower Upper
248 100
250 199.9 77.8 116.8#
141 454.3 57.9 86.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

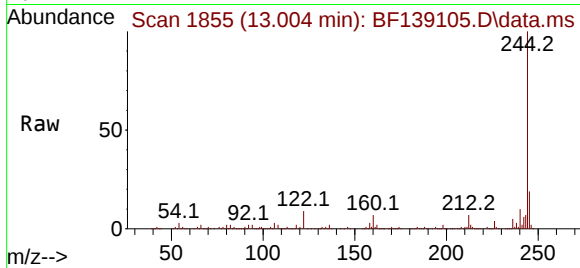
Tgt Ion:240 Resp: 172523
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.6 20.9 31.3



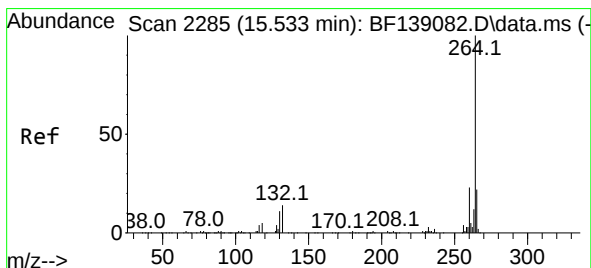
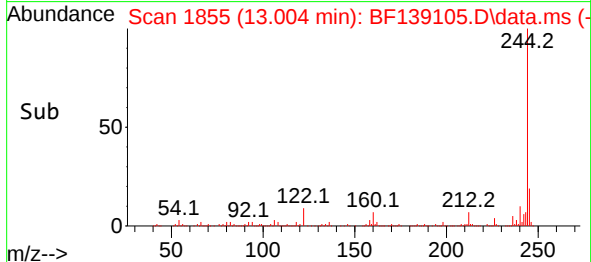
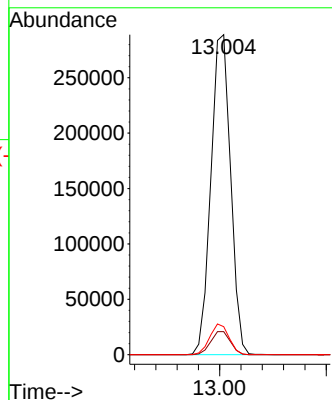


#79
 Terphenyl-d14
 Concen: 35.629 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139105.D
 Acq: 21 Aug 2024 16:50

Instrument :
 BNA_F
 ClientSampleId :
 S-901-J-0.5-1-081624

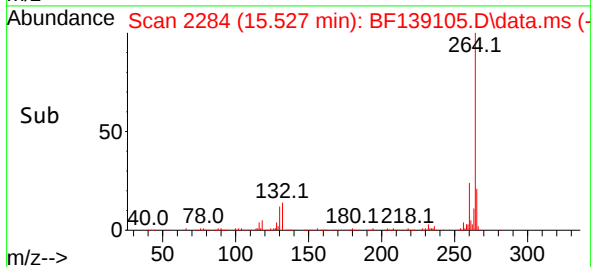
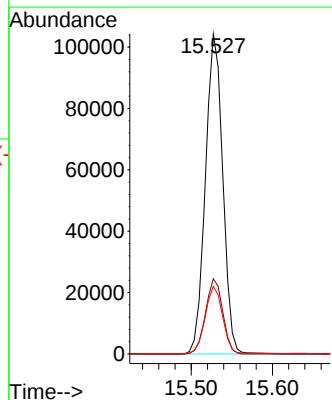
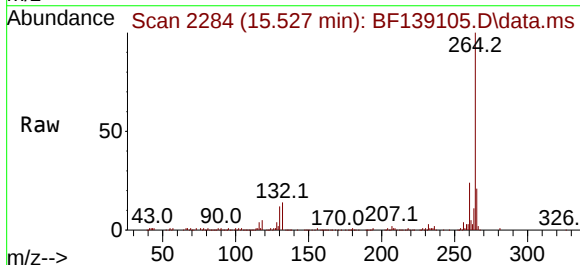


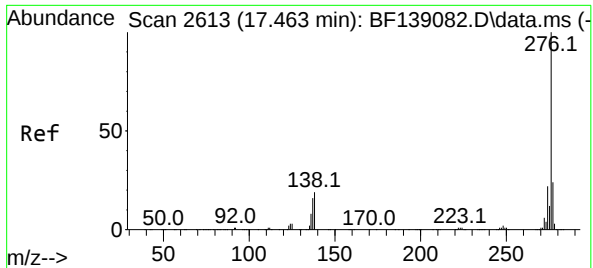
Tgt Ion:244 Resp: 370447
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.006 min
 Lab File: BF139105.D
 Acq: 21 Aug 2024 16:50

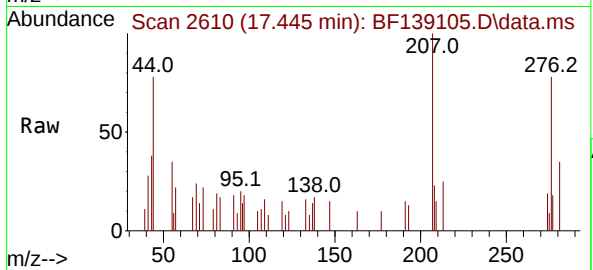
Tgt Ion:264 Resp: 154645
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.1 17.4 26.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.125 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF139105.D
 Acq: 21 Aug 2024 16:50

Instrument :
 BNA_F
 ClientSampleId :
 S-901-J-0.5-1-081624



Tgt Ion:	276	Resp:	2981
Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	21.2	15.0	22.4

