

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138654.D
 Acq On : 25 Jul 2024 15:49
 Operator : RC/JU
 Sample : P3357-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-2-2.5-072024

Quant Time: Jul 25 16:16:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

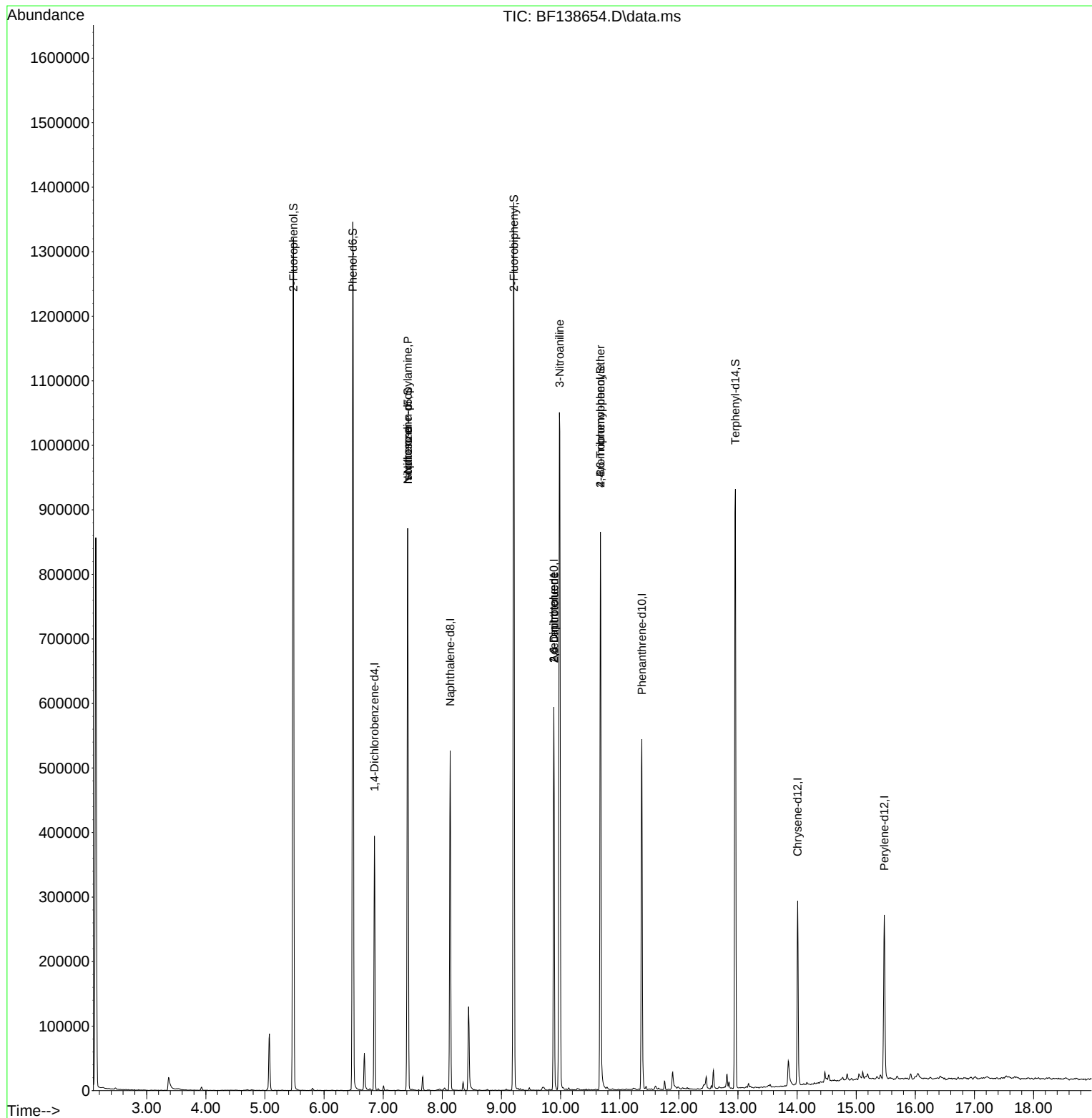
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	75698	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	309534	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	168340	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	275533	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	126228	20.000	ng	-0.02
86) Perylene-d12	15.474	264	144468	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	445977	93.307	ng	-0.01
7) Phenol-d6	6.487	99	603335	94.889	ng	-0.02
23) Nitrobenzene-d5	7.416	82	383414	60.816	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	136006	86.446	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	597050	55.431	ng	-0.02
79) Terphenyl-d14	12.957	244	449751	58.046	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	51490	13.106	ng	# 71
25) Isophorone	7.416	82	382264	35.308	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	21358	8.522	ng	# 24
53) 3-Nitroaniline	9.986	138	9957	3.876	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	21358	6.586	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	8687	3.067	ng	# 1

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

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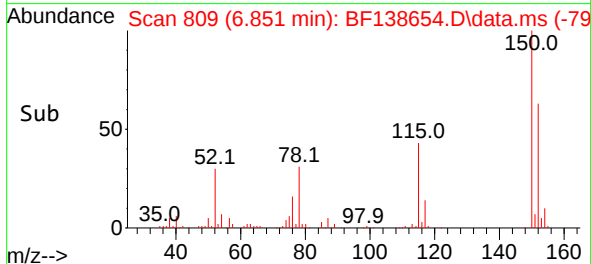
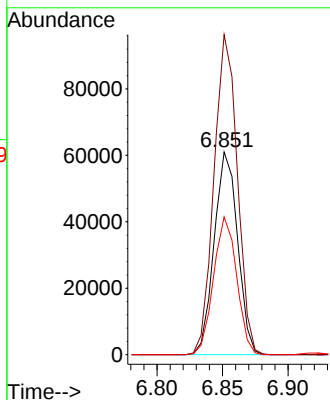
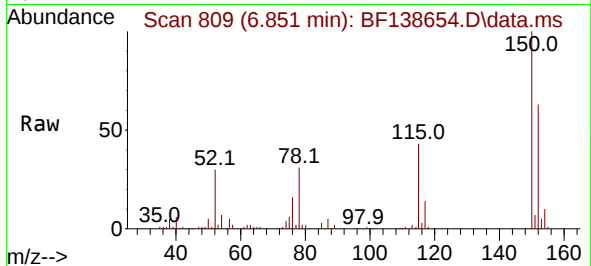




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

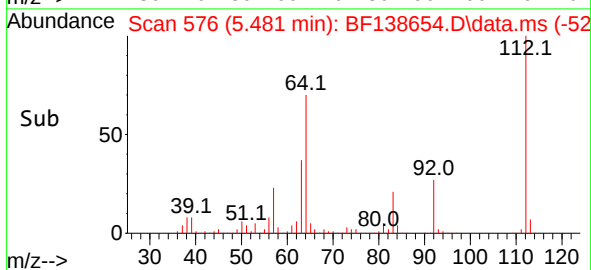
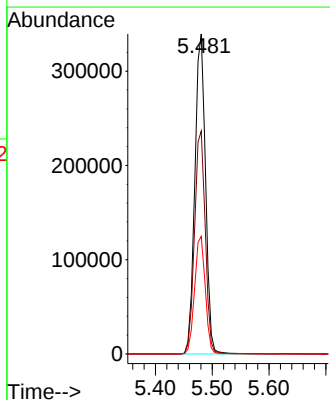
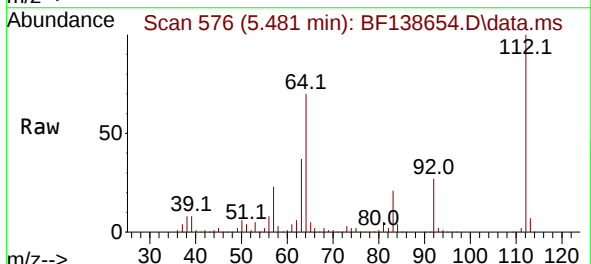
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-2-2.5-072024

Tgt Ion:152 Resp: 75698
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 68.0 50.3 75.5



#5
2-Fluorophenol
Concen: 93.307 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

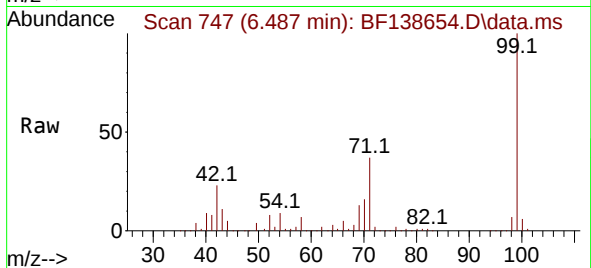
Tgt Ion:112 Resp: 445977
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 36.7 29.0 43.6



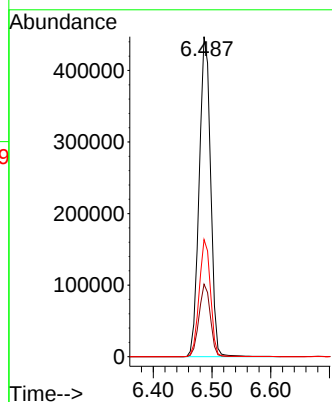
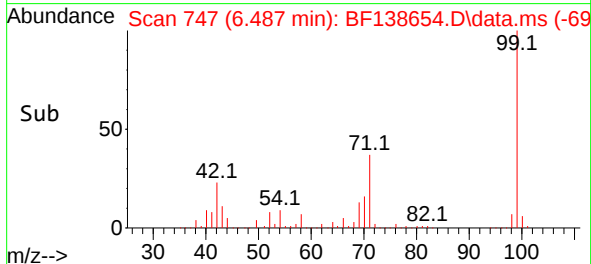


#7
Phenol-d6
Concen: 94.889 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-2-2.5-072024

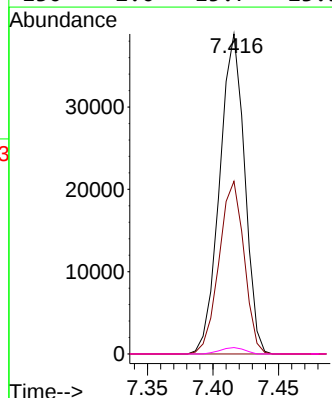
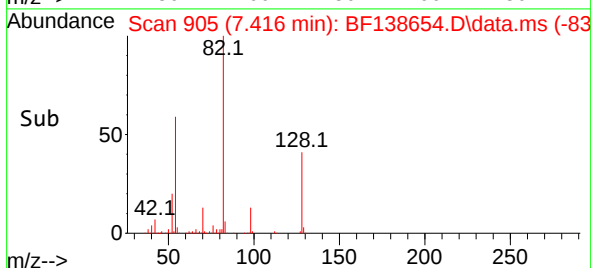
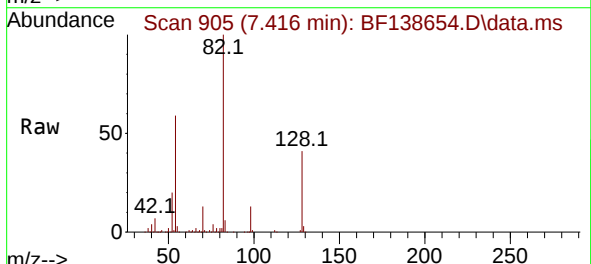


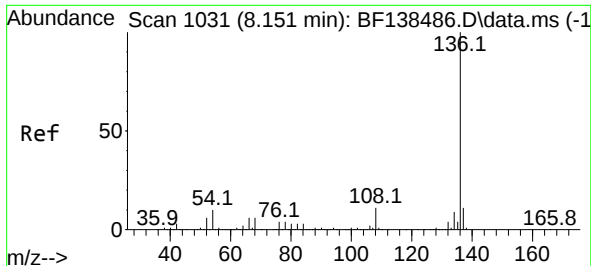
Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.7	19.7	29.5
71	36.6	29.9	44.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.106 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.9	62.4	93.6#
101	0.0	7.2	10.8#
130	2.0	15.7	23.5#

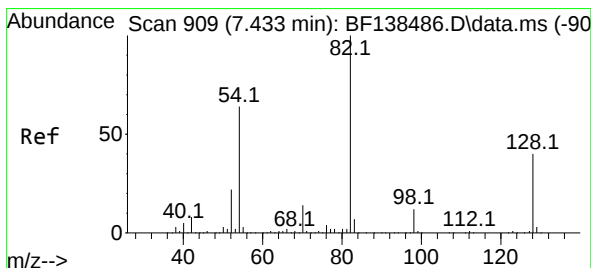
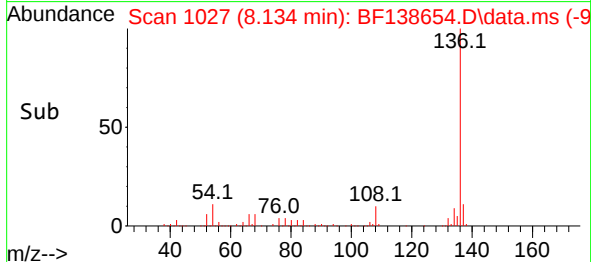
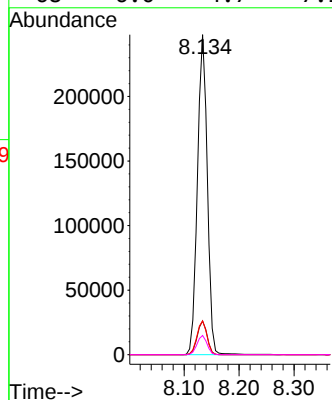
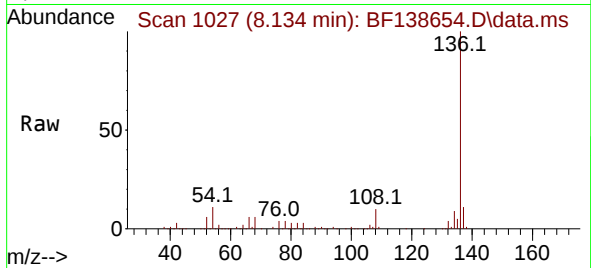




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

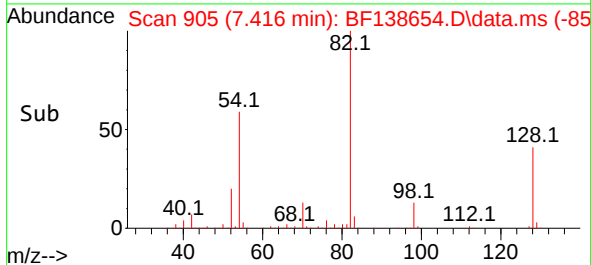
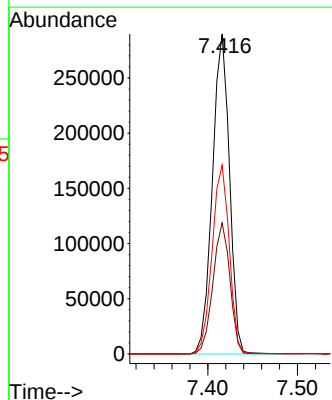
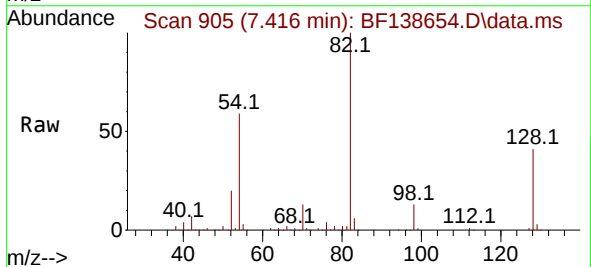
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-2-2.5-072024

Tgt Ion:	136	Resp:	309534
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.5	8.1	12.1
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 60.816 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Tgt Ion:	82	Resp:	383414
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.3	48.5
54	59.0	51.4	77.0

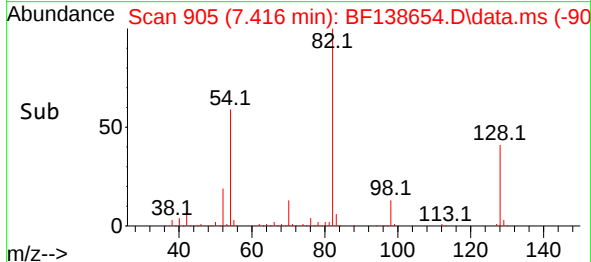
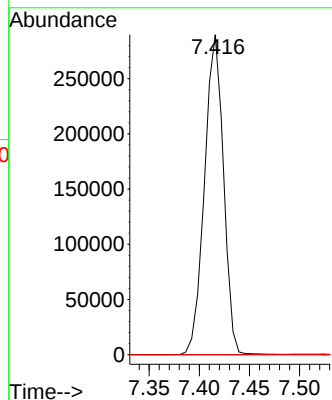
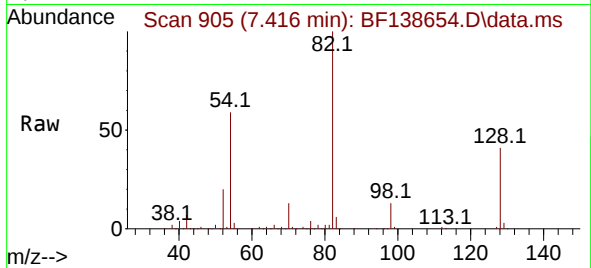




#25
Isophorone
Concen: 35.308 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

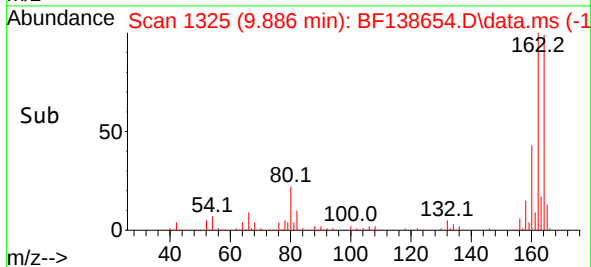
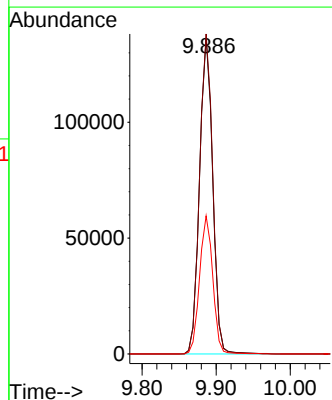
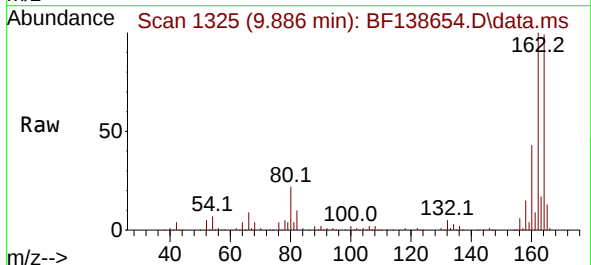
Instrument :
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ClientSampleId :
S-857-J-SO-2-2.5-072024

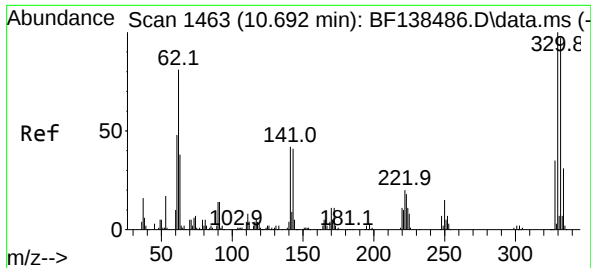
Tgt Ion: 82 Resp: 382264
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

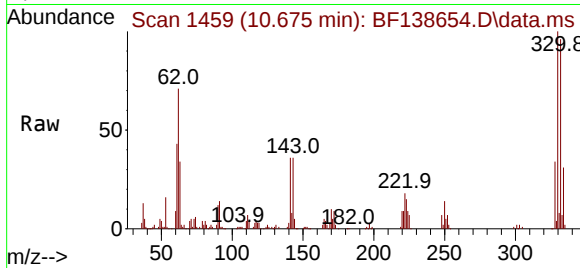
Tgt Ion:164 Resp: 168340
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.6
160 43.7 34.4 51.6



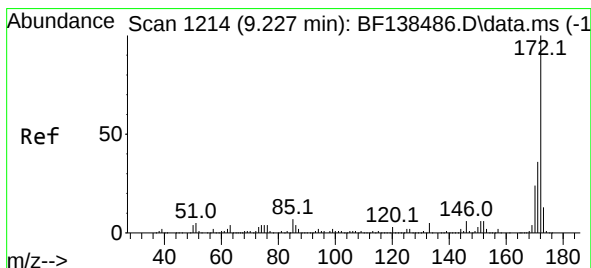
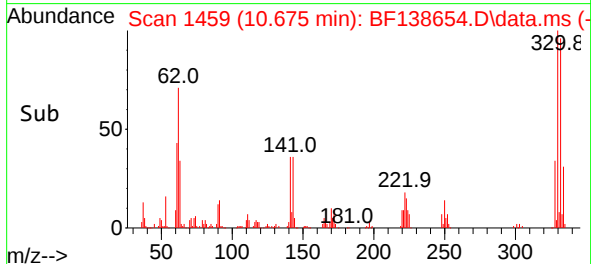
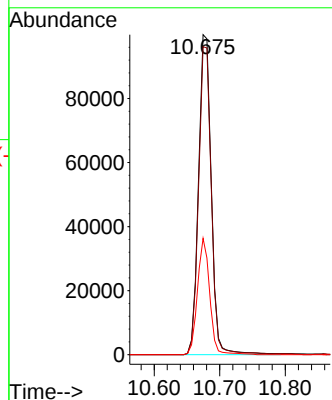


#42
 2,4,6-Tribromophenol
 Concen: 86.446 ng
 RT: 10.675 min Scan# 1463
 Delta R.T. -0.018 min
 Lab File: BF138654.D
 Acq: 25 Jul 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-2-2.5-072024

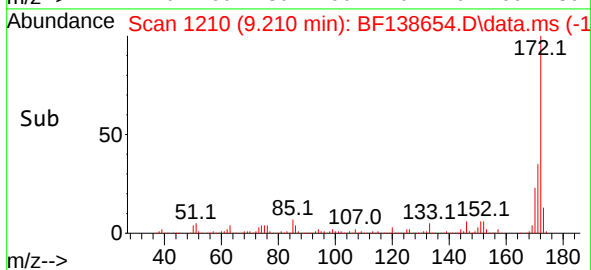
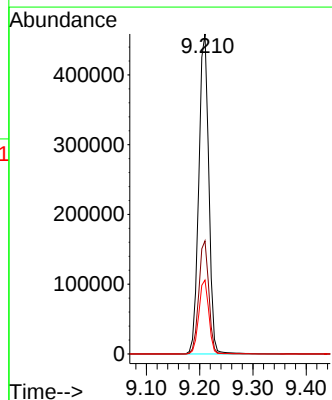
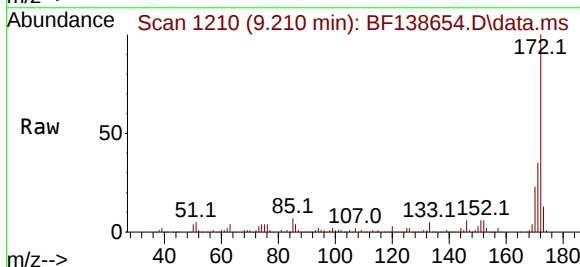


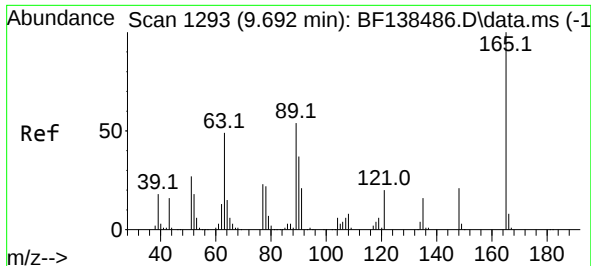
Tgt Ion: 330 Resp: 136006
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 34.7 29.4 44.2



#45
 2-Fluorobiphenyl
 Concen: 55.431 ng
 RT: 9.210 min Scan# 1210
 Delta R.T. -0.018 min
 Lab File: BF138654.D
 Acq: 25 Jul 2024 15:49

Tgt Ion: 172 Resp: 597050
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.1 18.9 28.3

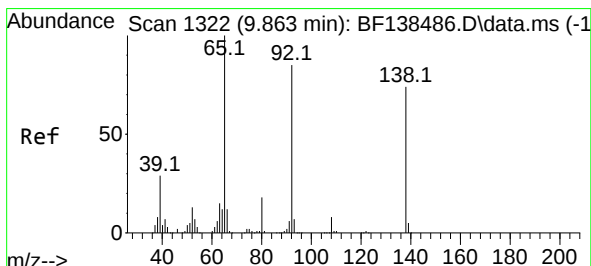
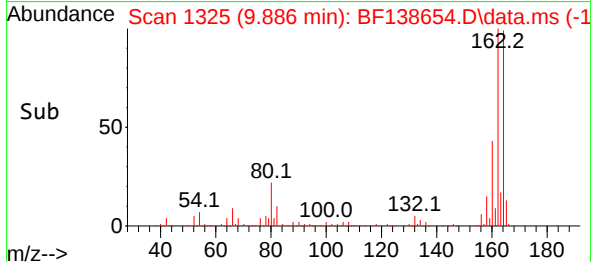
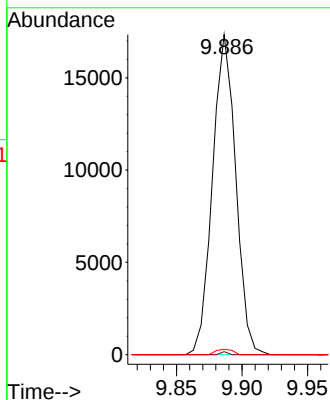
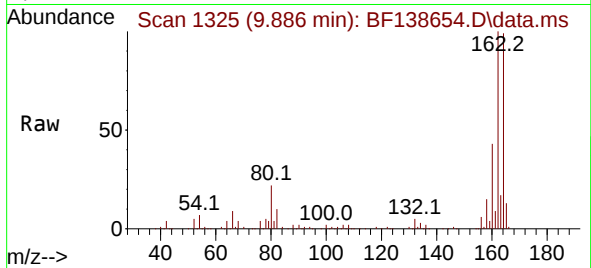




#51
2,6-Dinitrotoluene
Concen: 8.522 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

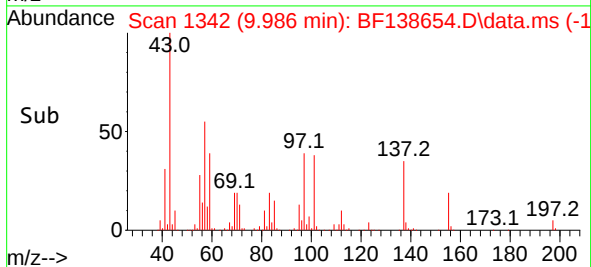
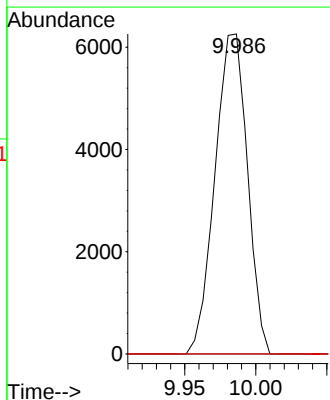
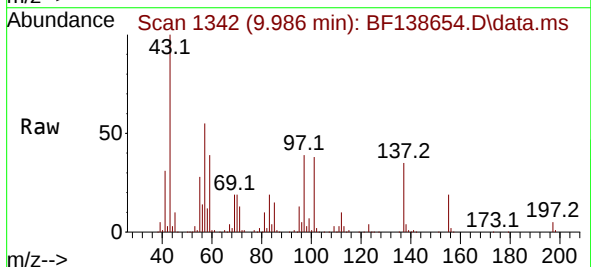
Instrument :
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ClientSampleId :
S-857-J-SO-2-2.5-072024

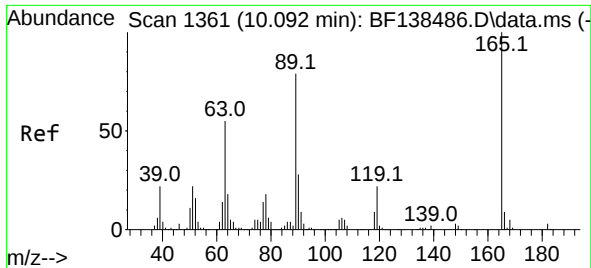
Tgt Ion:165 Resp: 21358
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.7 43.0 64.6#



#53
3-Nitroaniline
Concen: 3.876 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.124 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Tgt Ion:138 Resp: 9957
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 0.0 92.6 138.8#

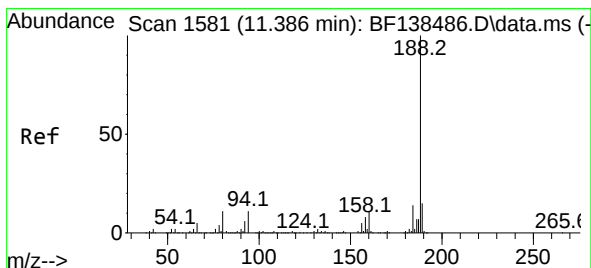
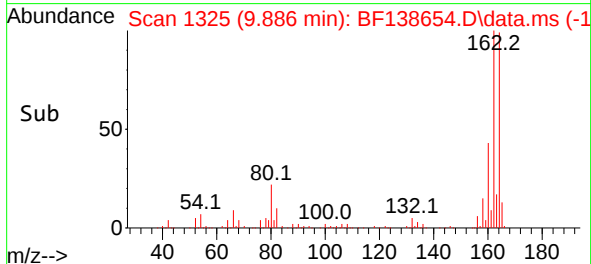
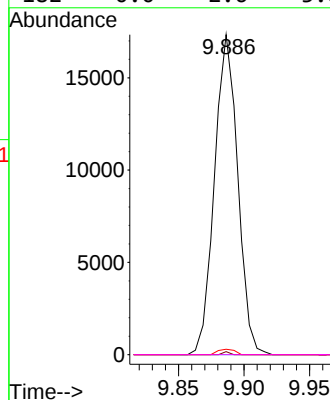
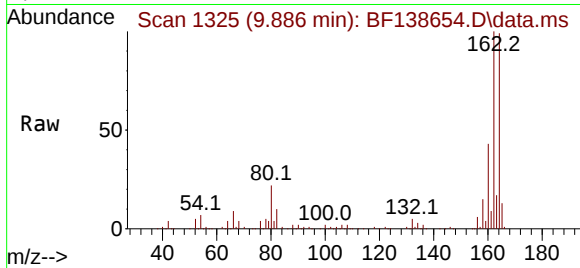




#57
2,4-Dinitrotoluene
Concen: 6.586 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

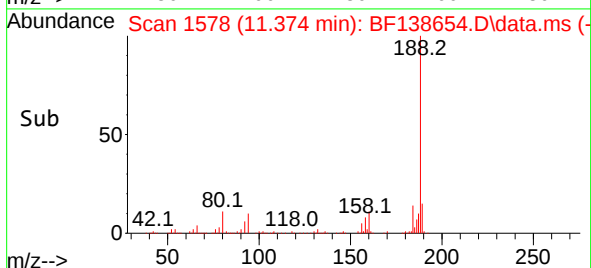
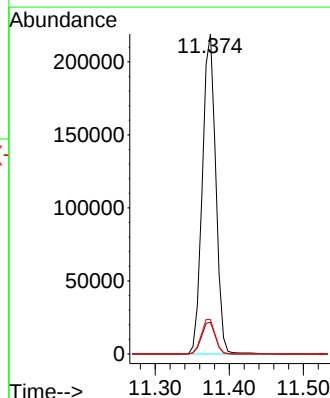
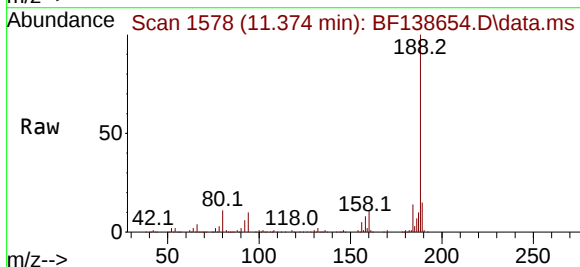
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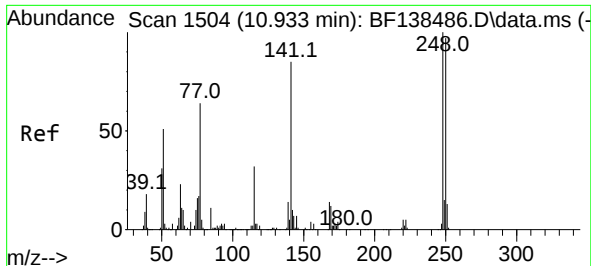
Tgt Ion:165	Resp:	21358
Ion Ratio	Lower	Upper
165	100	
63	1.0	44.6 66.8#
89	1.7	63.4 95.2#
182	0.0	2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Tgt Ion:188	Resp:	275533
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.7 13.1
80	10.8	9.0 13.4

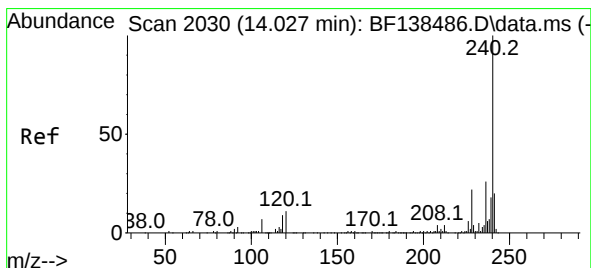
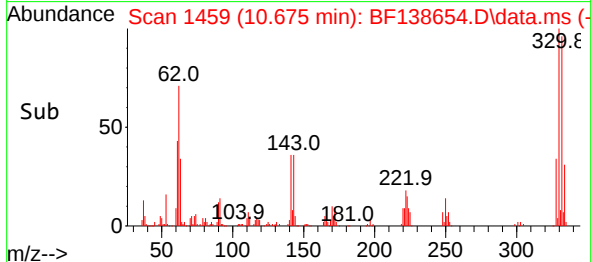
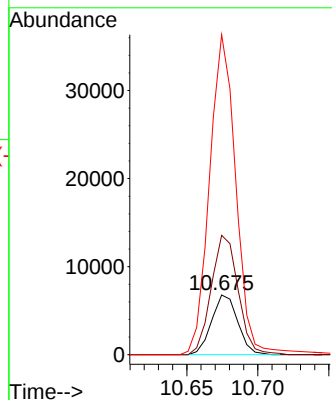
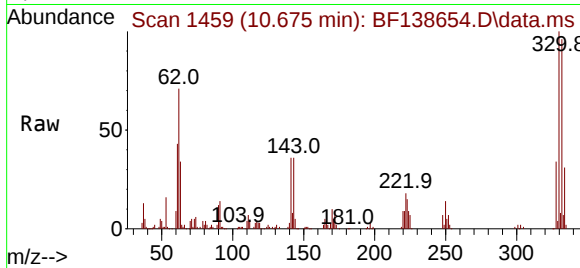




#67
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 10.675 min Scan# 141
Delta R.T. -0.259 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

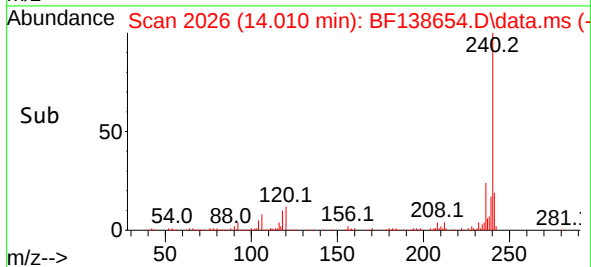
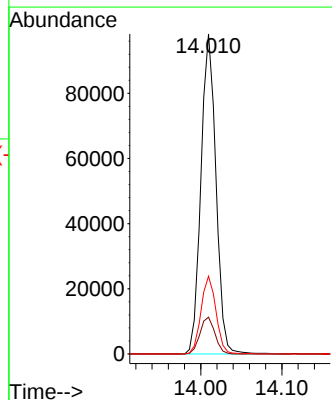
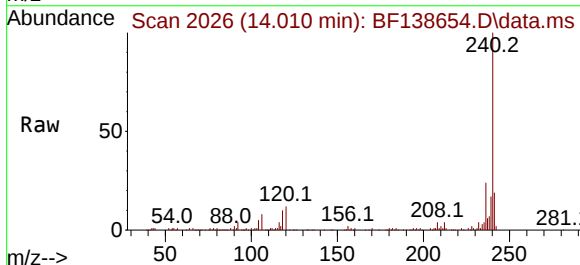
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-2-2.5-072024

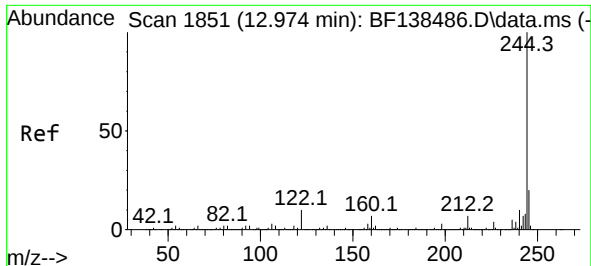
Tgt Ion:248 Resp: 8687
Ion Ratio Lower Upper
248 100
250 200.2 77.9 116.9#
141 536.8 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

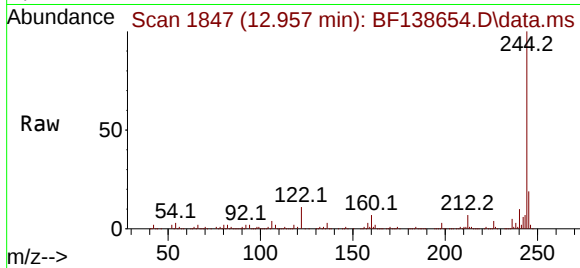
Tgt Ion:240 Resp: 126228
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 24.3 21.0 31.6



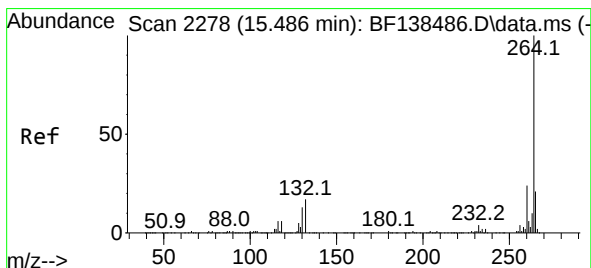
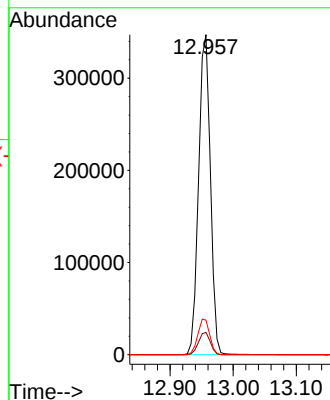
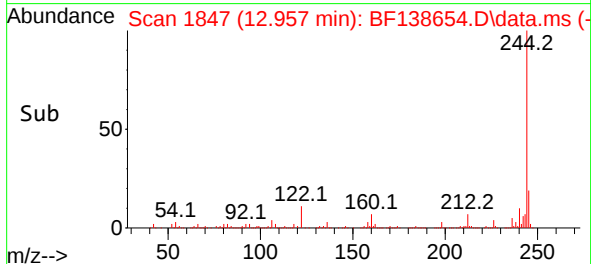


#79
 Terphenyl-d14
 Concen: 58.046 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.018 min
 Lab File: BF138654.D
 Acq: 25 Jul 2024 15:49

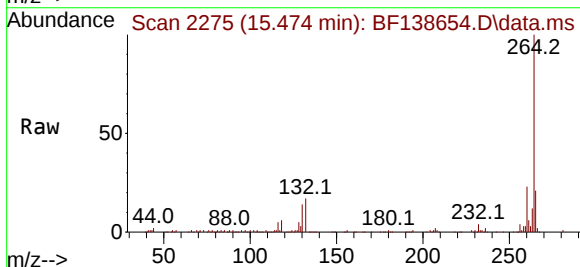
Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-2-2.5-072024



Tgt Ion:244 Resp: 449751
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138654.D
 Acq: 25 Jul 2024 15:49



Tgt Ion:264 Resp: 144468
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.2 17.0 25.4

