

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138975.D
 Acq On : 13 Aug 2024 15:19
 Operator : RC/JU
 Sample : P3519-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624

Quant Time: Aug 13 15:43:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

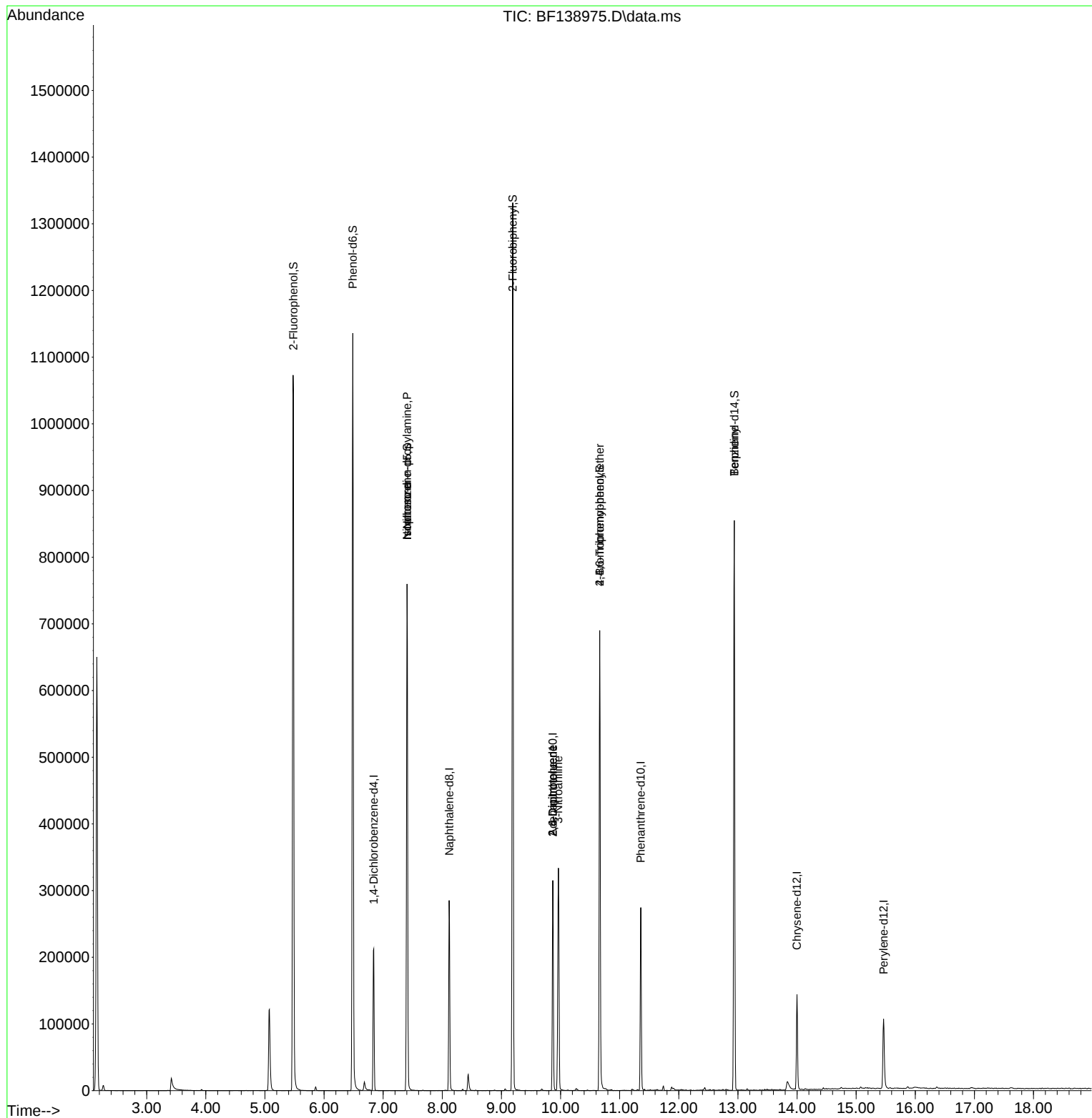
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	40794	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169183	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	90198	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	137198	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	69101	20.000	ng	0.00
86) Perylene-d12	15.463	264	67539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	370074	140.037	ng	0.01
7) Phenol-d6	6.487	99	495384	139.620	ng	0.00
23) Nitrobenzene-d5	7.404	82	327362	94.603	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	100096	135.477	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	552487	92.032	ng	-0.01
79) Terphenyl-d14	12.939	244	392899	95.197	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	45707	21.329	ng	# 82
25) Isophorone	7.404	82	327359	55.402	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11483	8.822	ng	# 21
53) 3-Nitroaniline	9.963	138	2859	2.125	ng	# 1
57) 2,4-Dinitrotoluene	9.869	165	11483	6.915	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	6828	4.597	ng	# 1
77) Benzidine	12.939	184	5726	3.464	ng	# 94

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

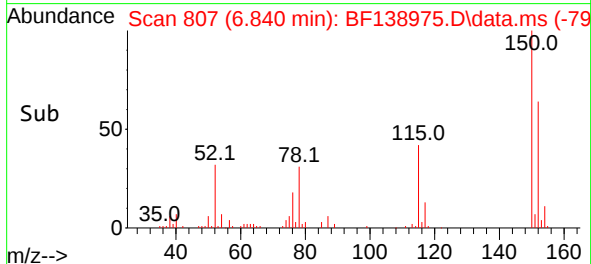
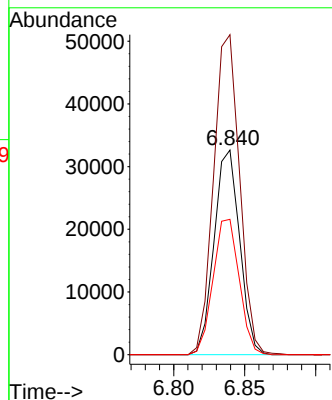
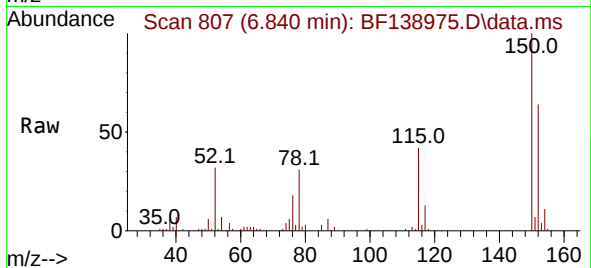




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

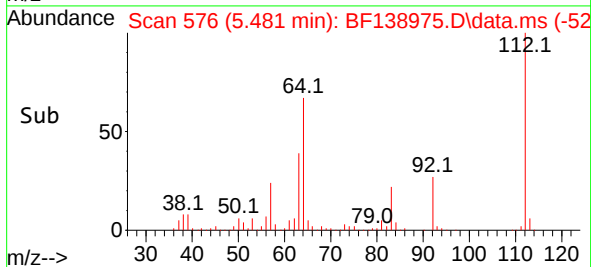
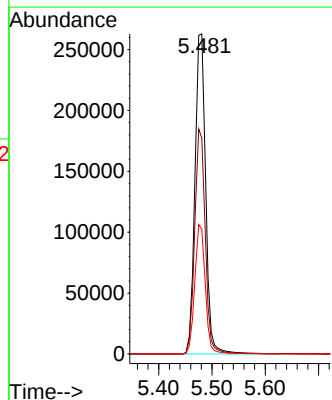
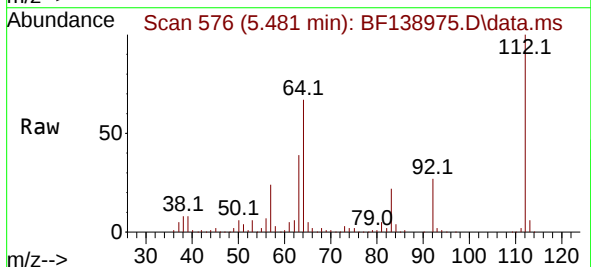
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

Tgt Ion:152 Resp: 40794
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 66.1 51.7 77.5



#5
2-Fluorophenol
Concen: 140.037 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Tgt Ion:112 Resp: 370074
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 38.9 28.7 43.1

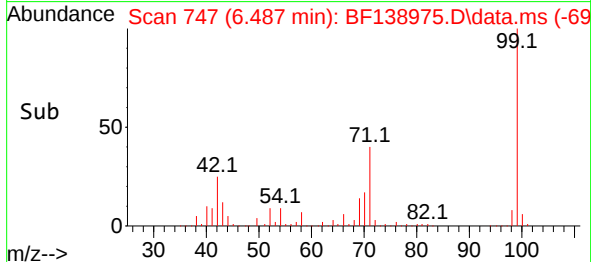
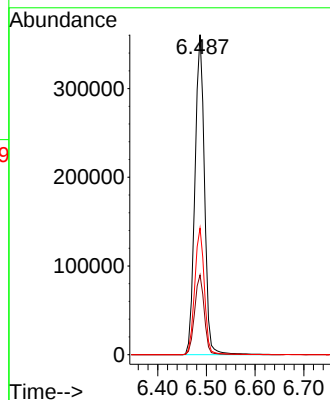
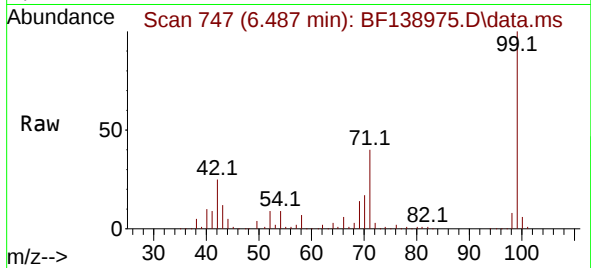




#7
Phenol-d6
Concen: 139.620 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

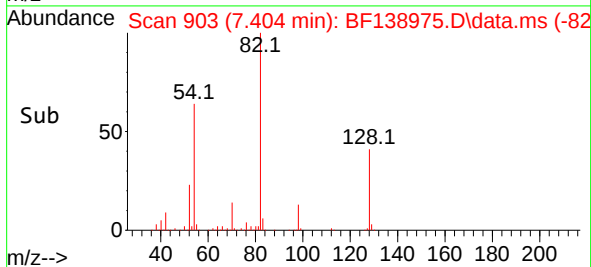
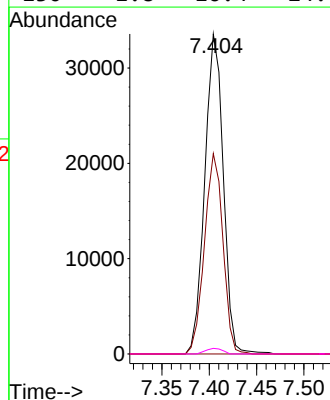
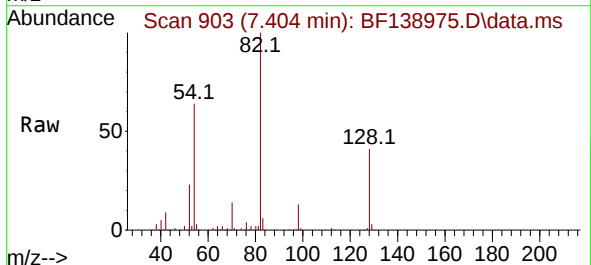
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

Tgt Ion: 99 Resp: 495384
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 39.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.329 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

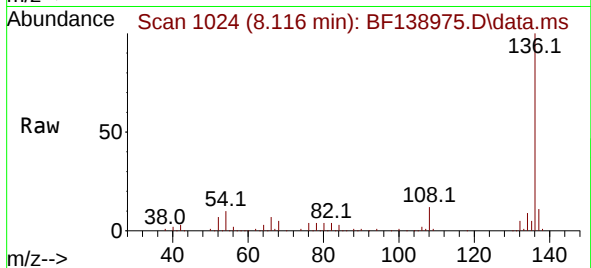
Tgt Ion: 70 Resp: 45707
Ion Ratio Lower Upper
70 100
42 62.6 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



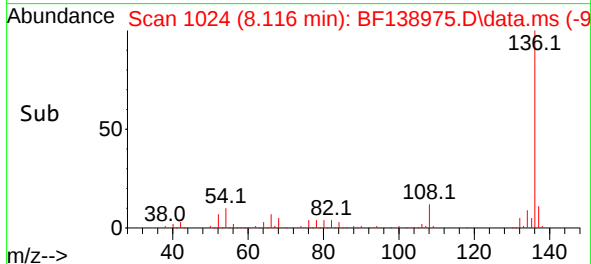
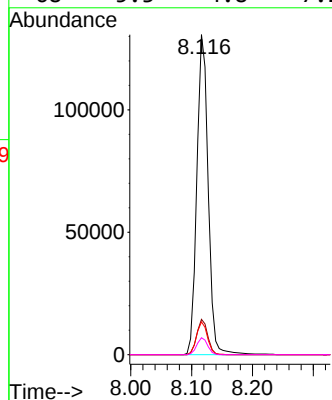


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

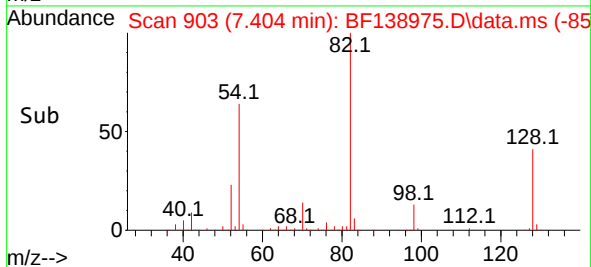
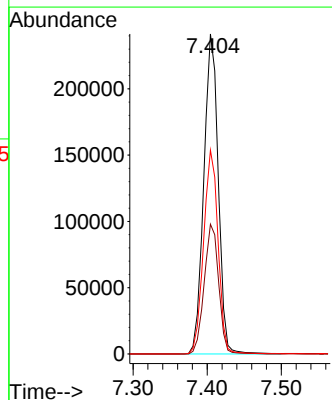
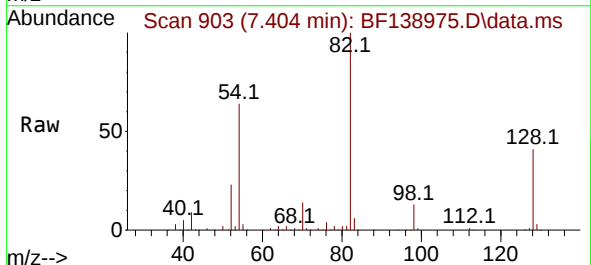


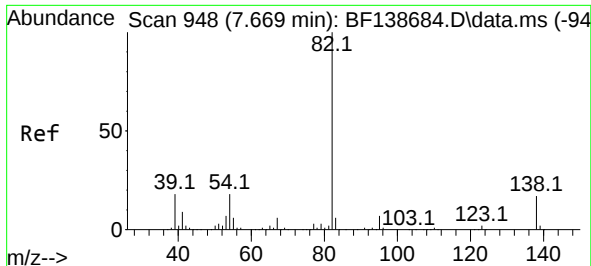
Tgt Ion:136 Resp: 169183
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 8.6 12.8
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 94.603 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Tgt Ion: 82 Resp: 327362
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 63.7 48.3 72.5

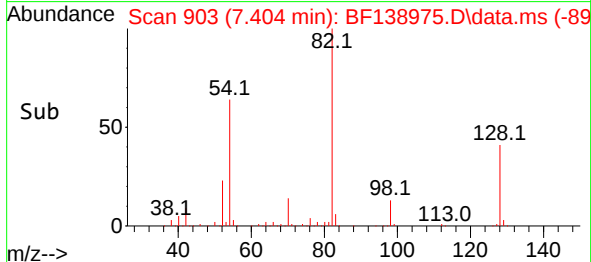
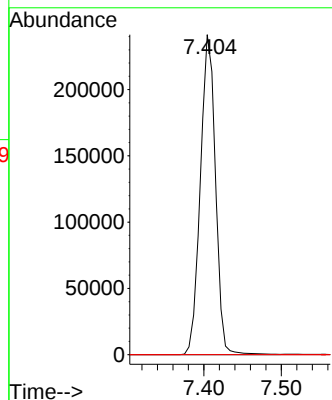
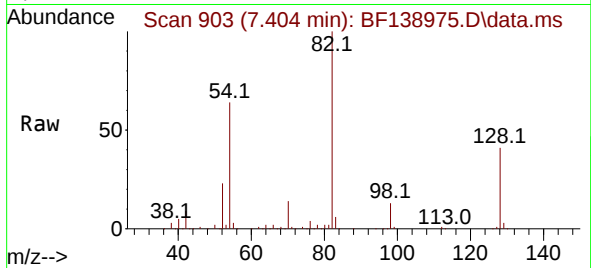




#25
Isophorone
Concen: 55.402 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

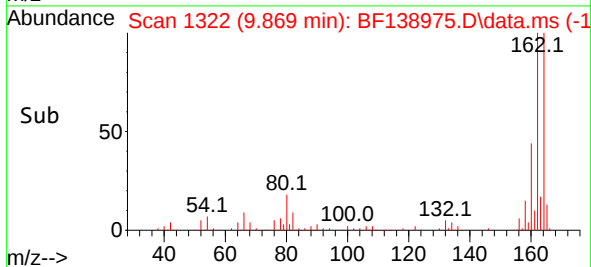
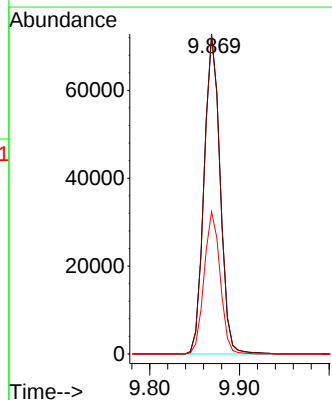
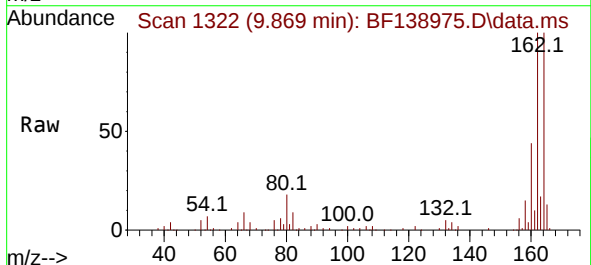
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

Tgt Ion: 82 Resp: 327359
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

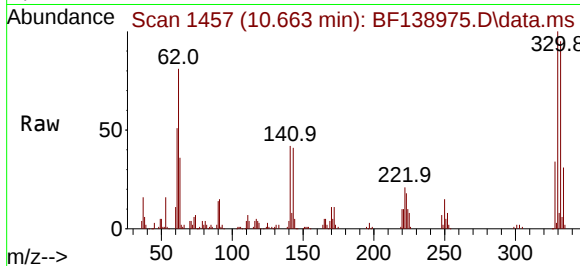
Tgt Ion:164 Resp: 90198
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 44.5 35.1 52.7



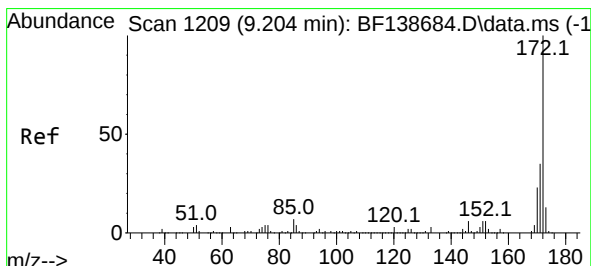
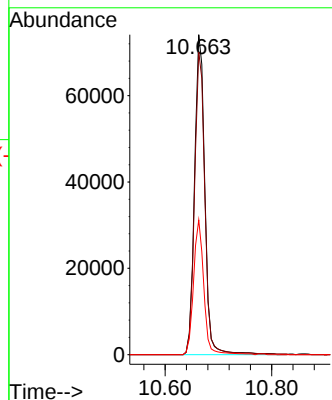
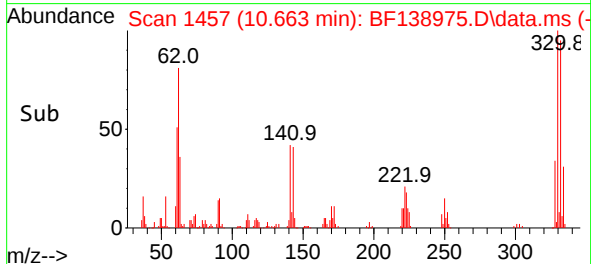


#42
 2,4,6-Tribromophenol
 Concen: 135.477 ng
 RT: 10.663 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: BF138975.D
 Acq: 13 Aug 2024 15:19

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624

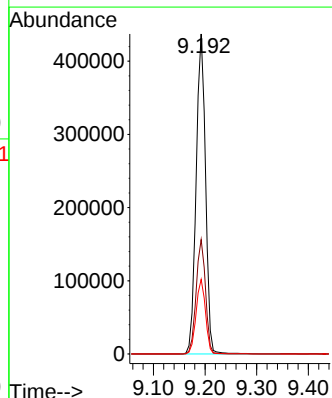
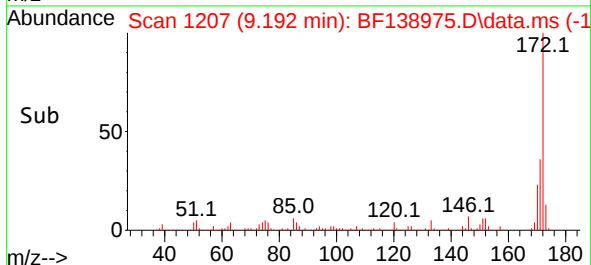
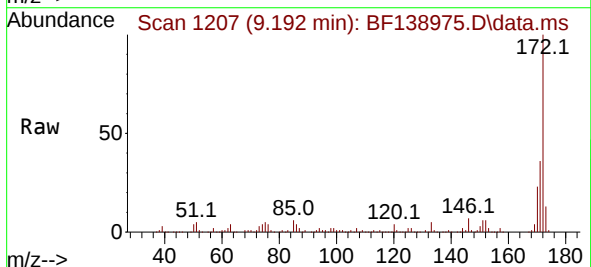


Tgt Ion:330 Resp: 100096
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.4 114.6
 141 41.8 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 92.032 ng
 RT: 9.192 min Scan# 1207
 Delta R.T. -0.012 min
 Lab File: BF138975.D
 Acq: 13 Aug 2024 15:19

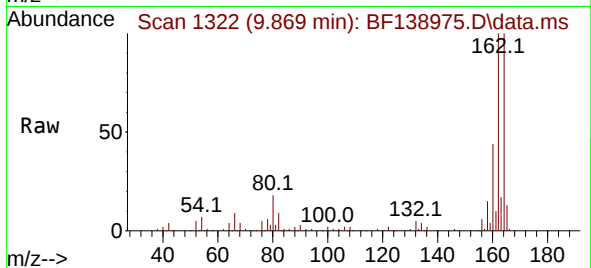
Tgt Ion:172 Resp: 552487
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 23.3 18.8 28.2



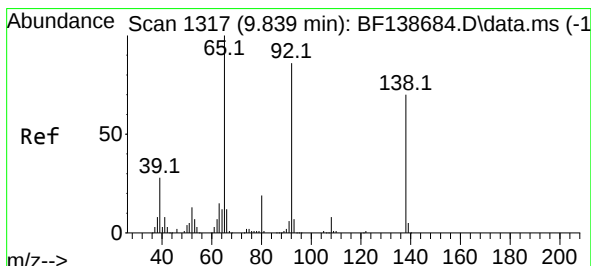
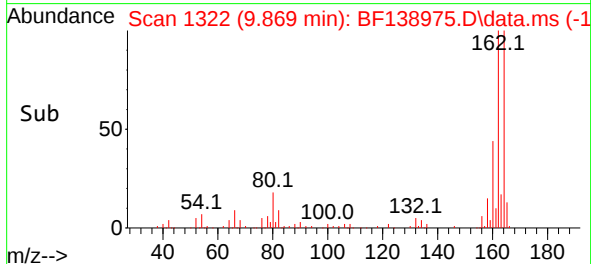
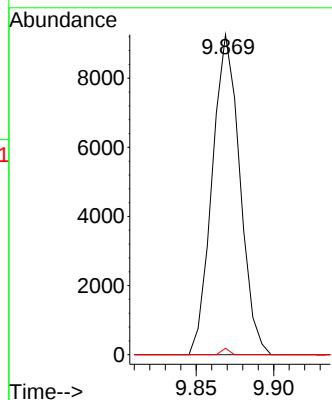


#51
2,6-Dinitrotoluene
Concen: 8.822 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

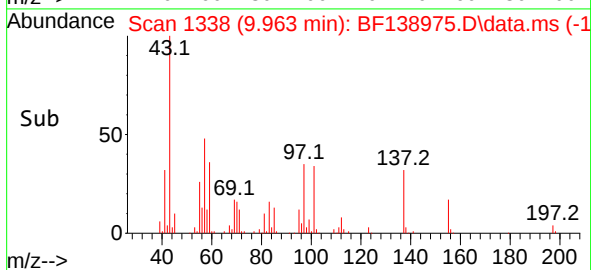
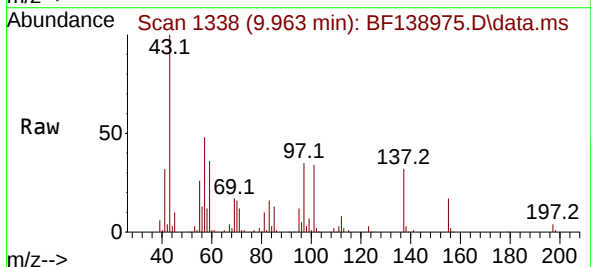
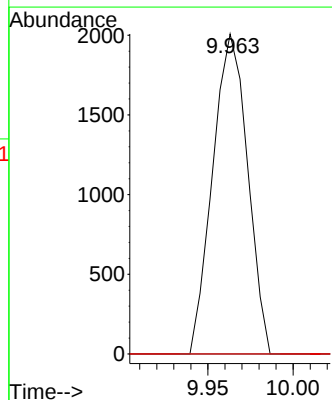


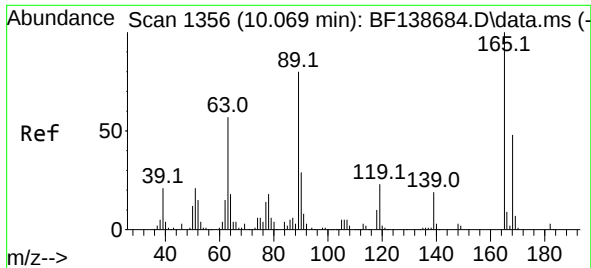
Tgt Ion:165 Resp: 11483
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 2.0 47.0 70.6#



#53
3-Nitroaniline
Concen: 2.125 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.124 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

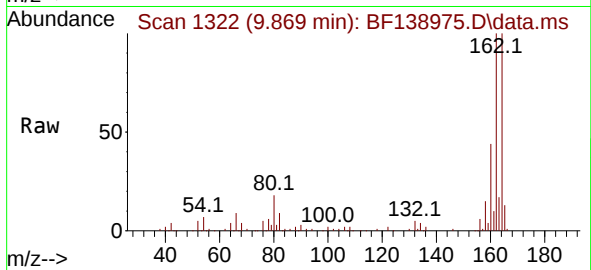
Tgt Ion:138 Resp: 2859
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#



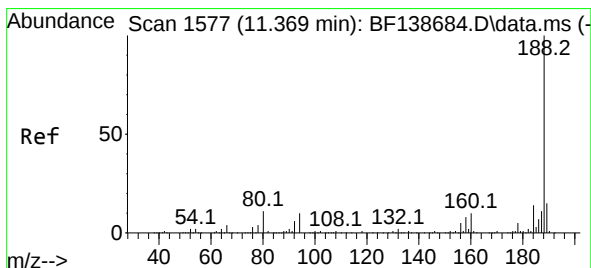
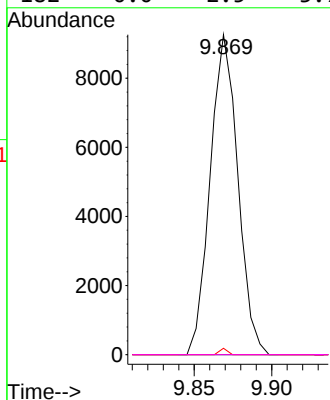
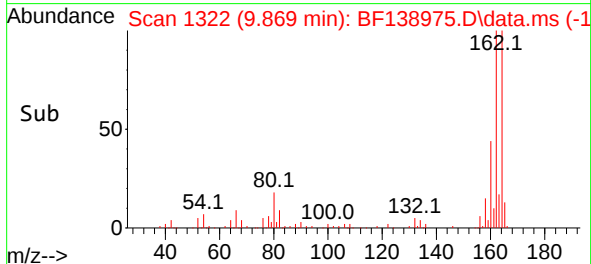


#57
2,4-Dinitrotoluene
Concen: 6.915 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

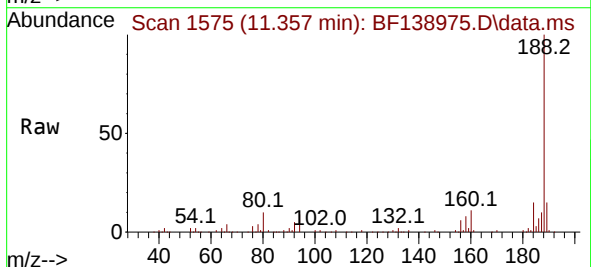
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ClientSampleId :
OU4-CF-01-080624



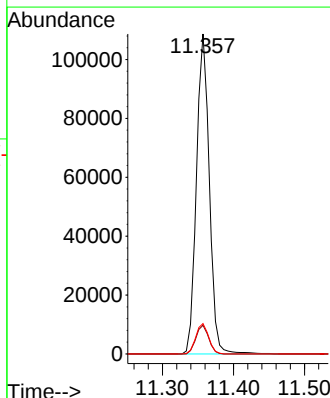
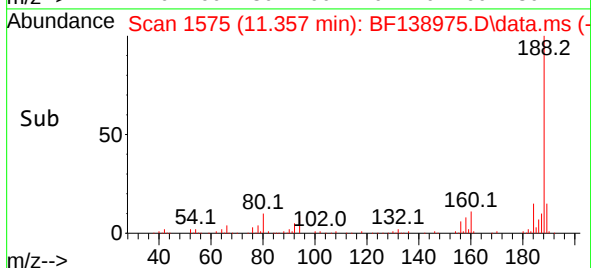
Tgt Ion:165 Resp: 11483
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 2.0 64.2 96.4#
182 0.0 2.5 3.7#

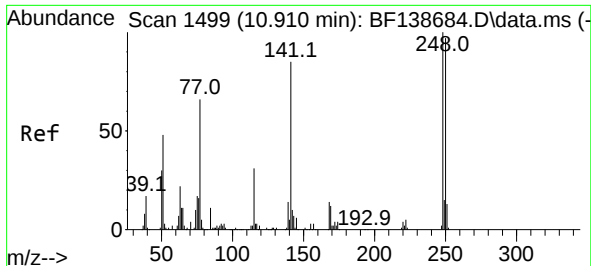


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19



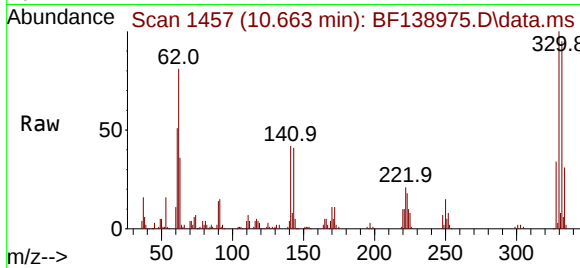
Tgt Ion:188 Resp: 137198
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.5 8.6 12.8



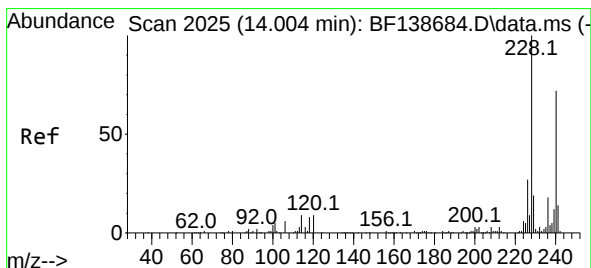
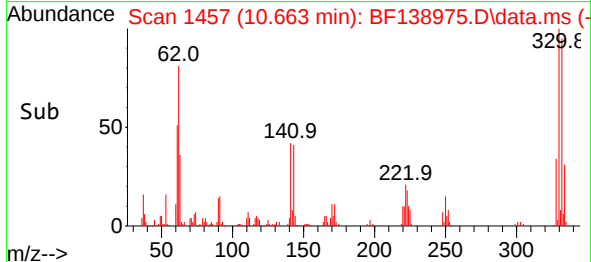
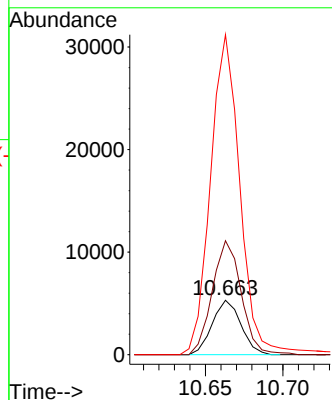


#67
4-Bromophenyl-phenylether
Concen: 4.597 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

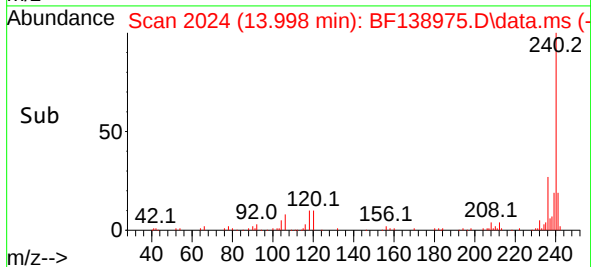
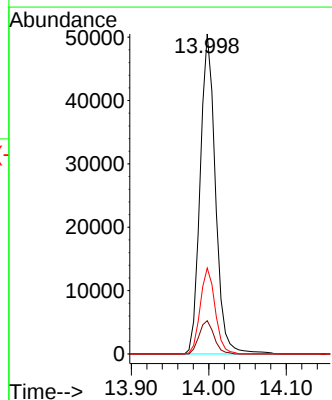
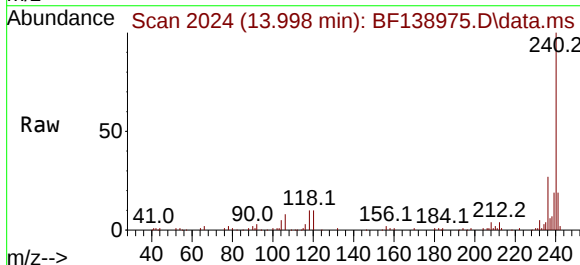


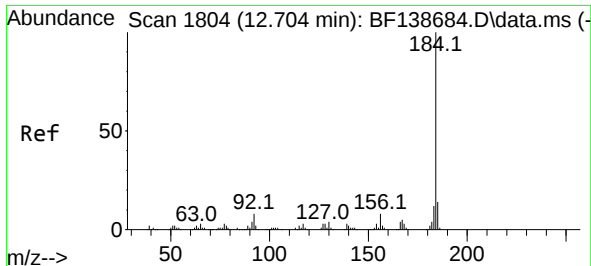
Tgt Ion:248 Resp: 6828
Ion Ratio Lower Upper
248 100
250 209.2 77.7 116.5#
141 587.5 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Tgt Ion:240 Resp: 69101
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 26.9 19.8 29.8

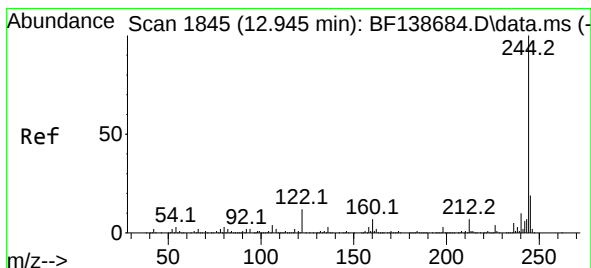
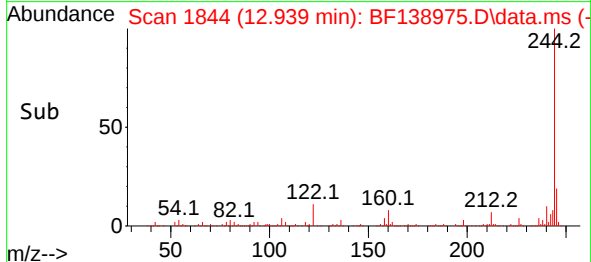
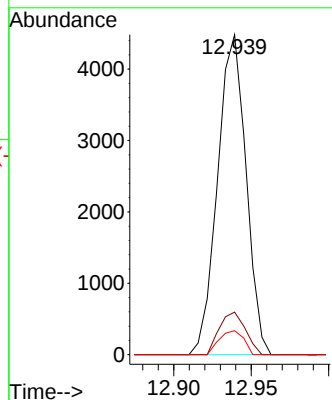
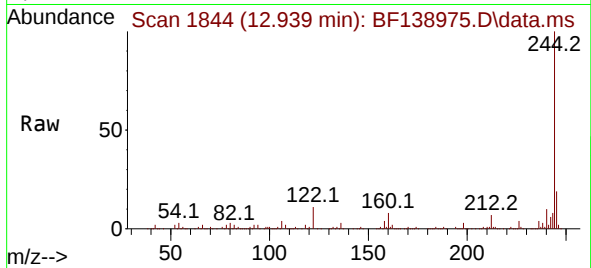




#77
Benzidine
Concen: 3.464 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

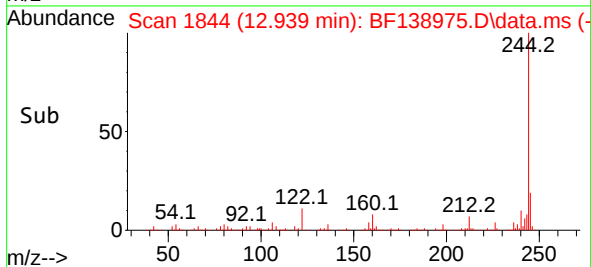
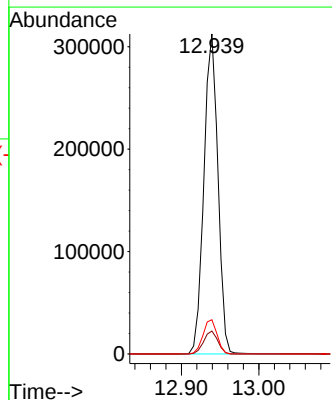
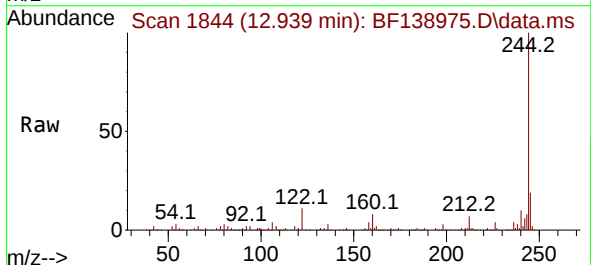
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624

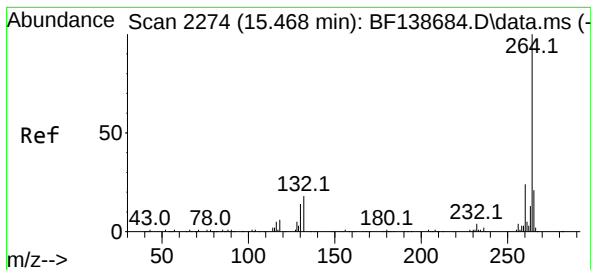
Tgt Ion:184 Resp: 5726
Ion Ratio Lower Upper
184 100
185 13.3 11.1 16.7
183 7.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 95.197 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138975.D
Acq: 13 Aug 2024 15:19

Tgt Ion:244 Resp: 392899
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.7 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138975.D

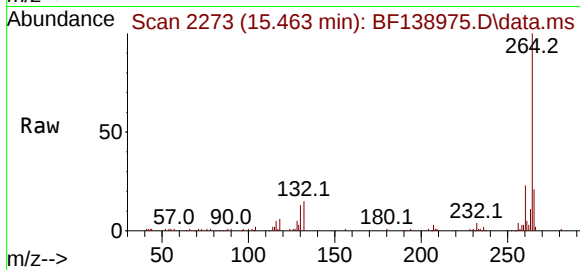
Acq: 13 Aug 2024 15:19

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624



Tgt Ion:264 Resp: 67539

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.1 17.0 25.6

