

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138920.D
 Acq On : 10 Aug 2024 20:24
 Operator : RC/JU
 Sample : P3476-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUL05

Quant Time: Aug 12 01:19:34 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)

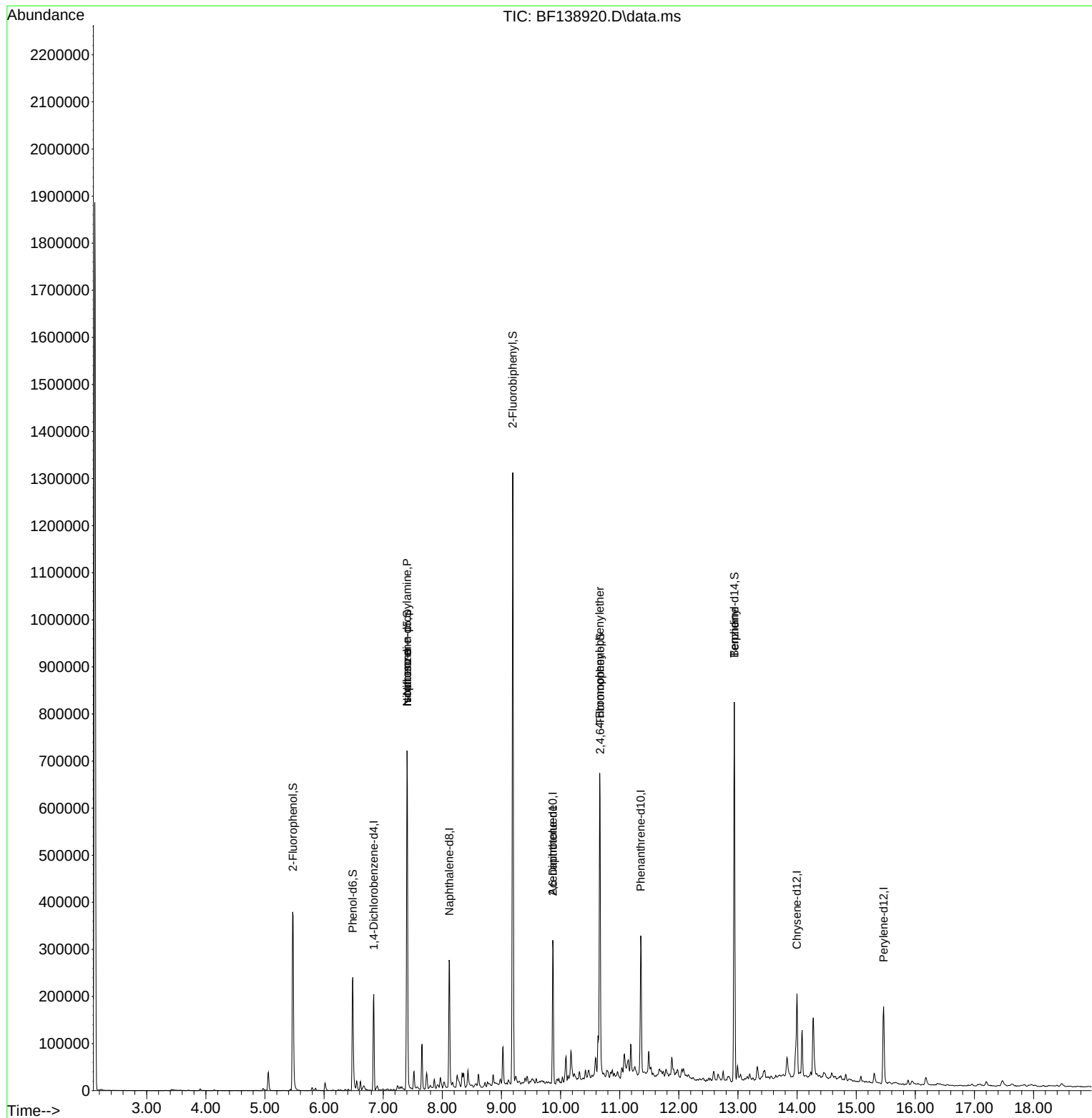
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	38106	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	157909	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	85223	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	130427	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	74540	20.000	ng	0.00
86) Perylene-d12	15.462	264	87396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	137418	55.667	ng	0.00
7) Phenol-d6	6.486	99	108796	32.826	ng	0.00
23) Nitrobenzene-d5	7.404	82	302516	93.664	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	93264	133.599	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	530515	93.531	ng	-0.01
79) Terphenyl-d14	12.939	244	366208	82.255	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	42857	21.410	ng	# 79
25) Isophorone	7.404	82	302512	54.852	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10843	8.817	ng	# 23
67) 4-Bromophenyl-phenylether	10.663	248	6847	4.849	ng	# 1
77) Benzidine	12.939	184	5147	2.887	ng	# 89

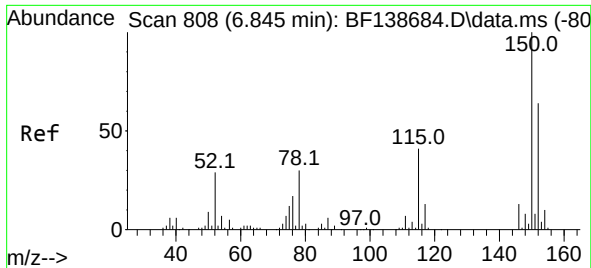
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138920.D
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Operator : RC/JU
Sample : P3476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

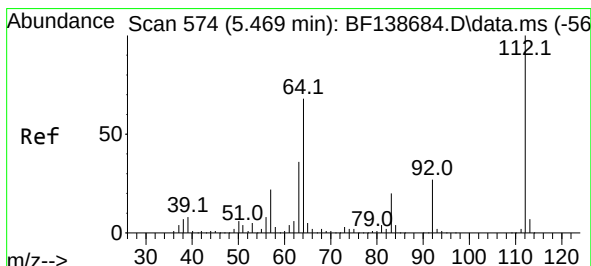
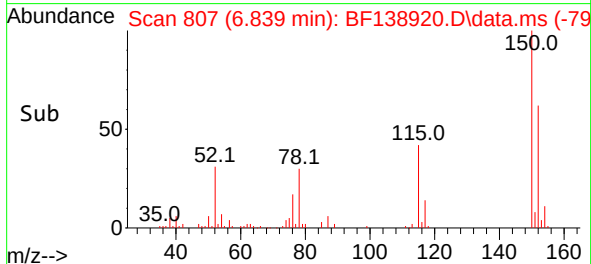
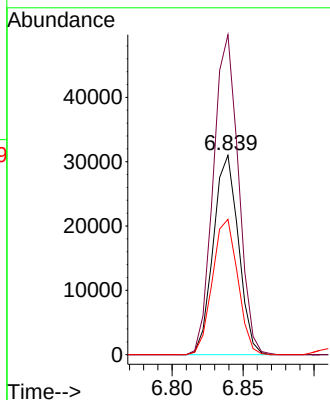
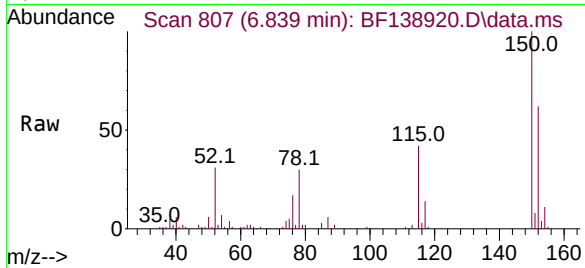




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

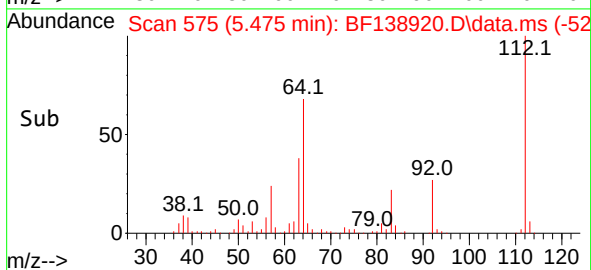
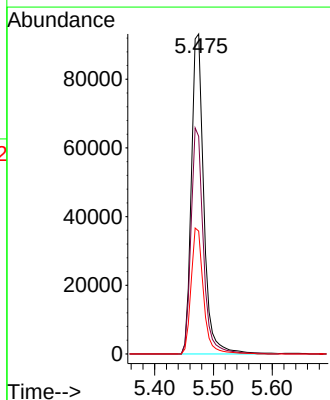
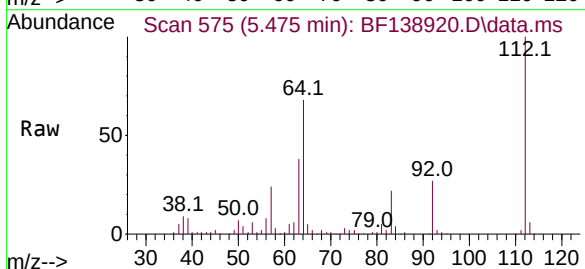
Instrument :
BNA_F
ClientSampleId :
MUL05

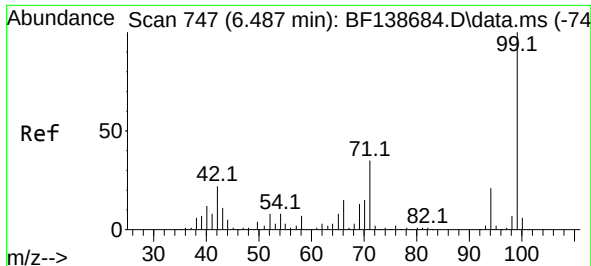
Tgt Ion:152 Resp: 38106
Ion Ratio Lower Upper
152 100
150 160.5 126.0 189.0
115 67.9 51.7 77.5



#5
2-Fluorophenol
Concen: 55.667 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:112 Resp: 137418
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 38.4 28.7 43.1

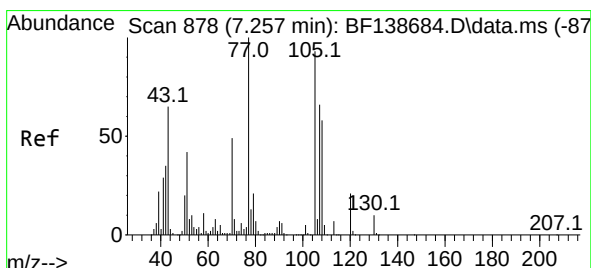
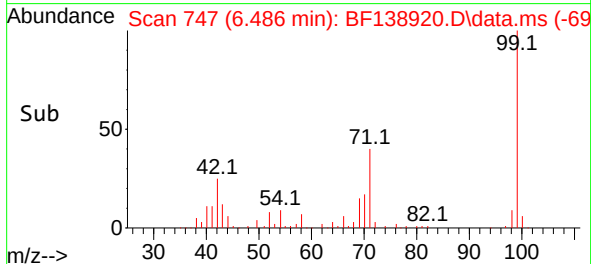
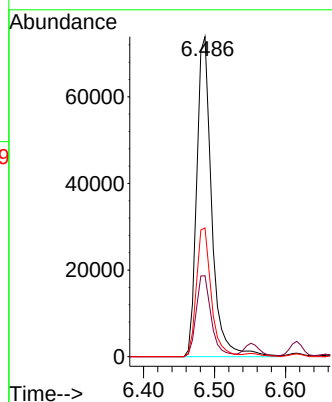
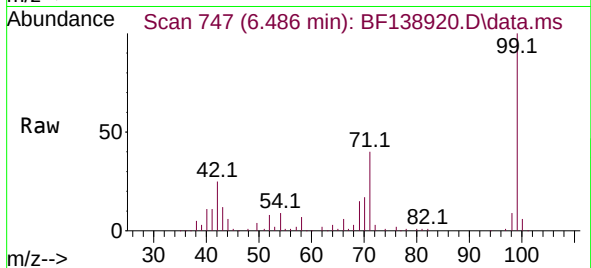




#7
Phenol-d6
Concen: 32.826 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

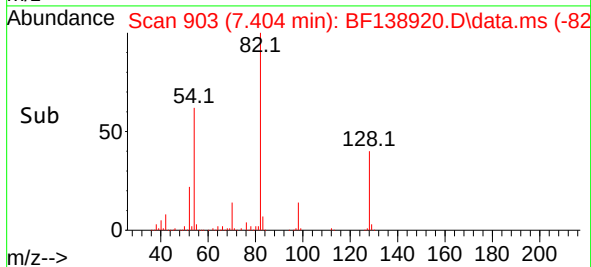
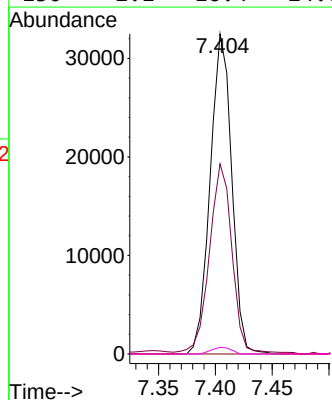
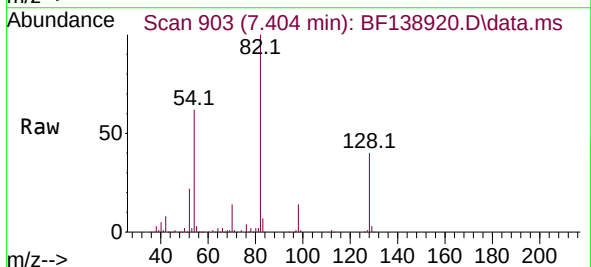
Instrument :
BNA_F
ClientSampleId :
MUL05

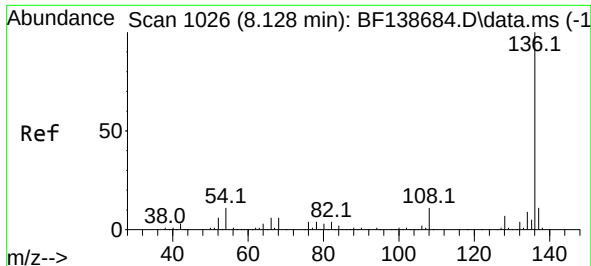
Tgt Ion: 99 Resp: 108796
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 40.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.410 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion: 70 Resp: 42857
Ion Ratio Lower Upper
70 100
42 59.4 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

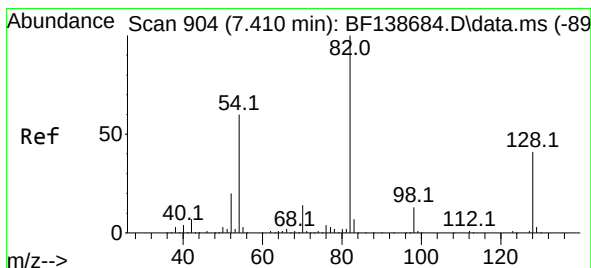
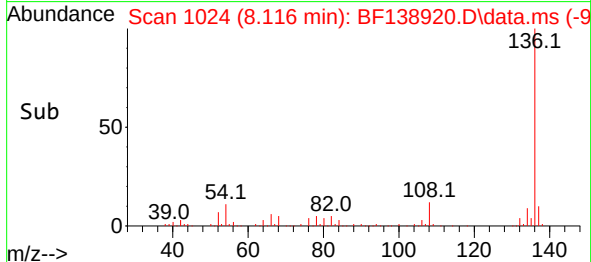
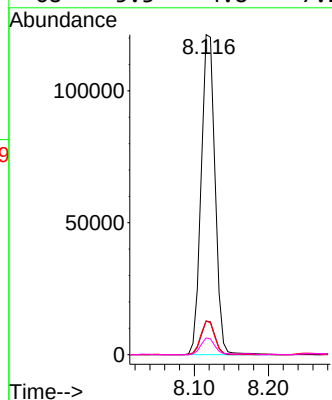
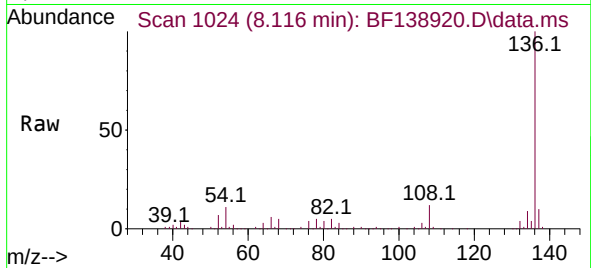




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

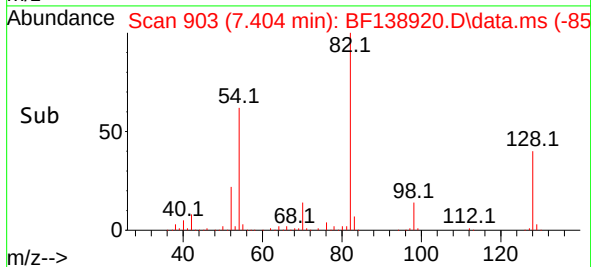
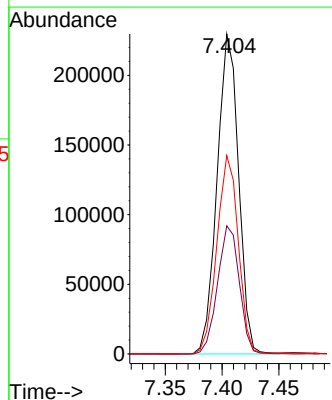
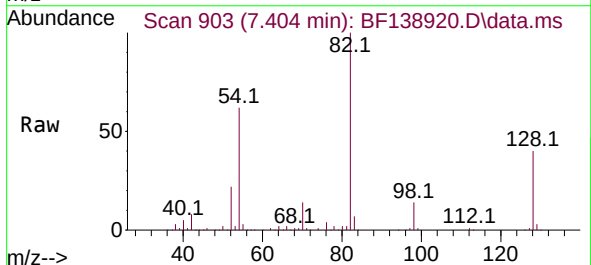
Instrument :
BNA_F
ClientSampleId :
MUL05

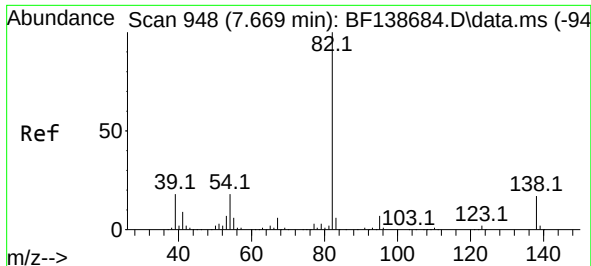
Tgt	Ion:136	Resp:	157909
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.6	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 93.664 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion: 82	Resp: 302516
Ion Ratio	Lower Upper
82 100	
128 40.0	32.8 49.2
54 62.0	48.3 72.5

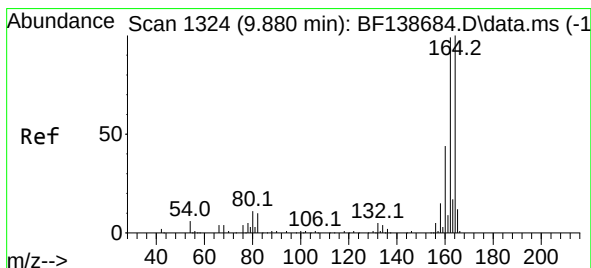
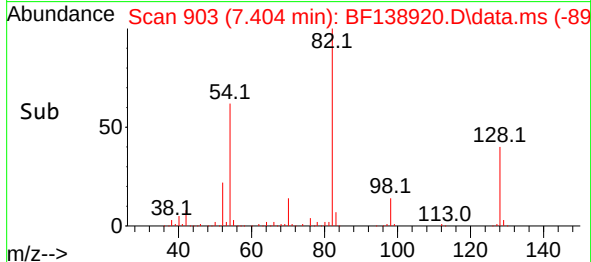
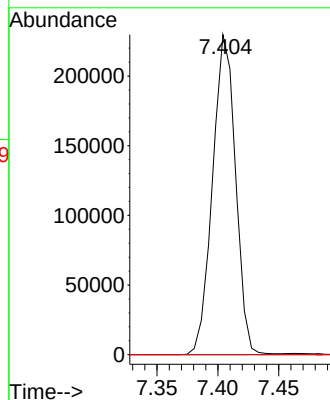
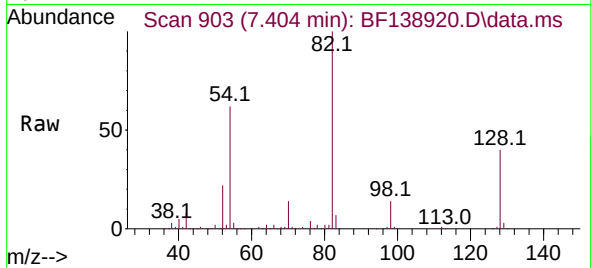




#25
Isophorone
Concen: 54.852 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

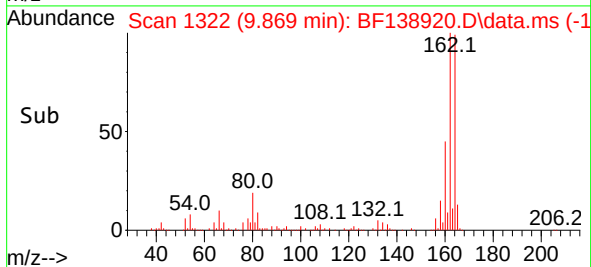
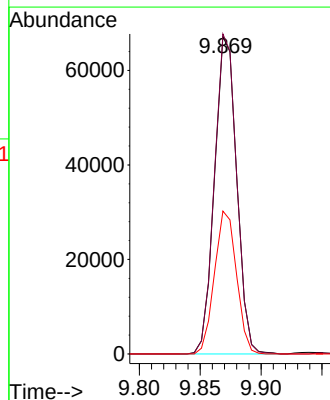
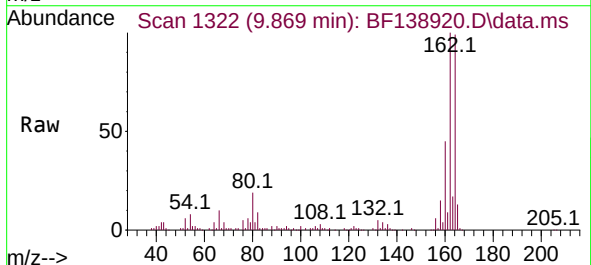
Instrument :
BNA_F
ClientSampleId :
MUL05

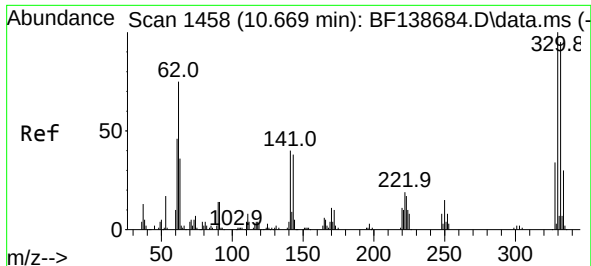
Tgt Ion: 82 Resp: 302512
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:164 Resp: 85223
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 45.0 35.1 52.7

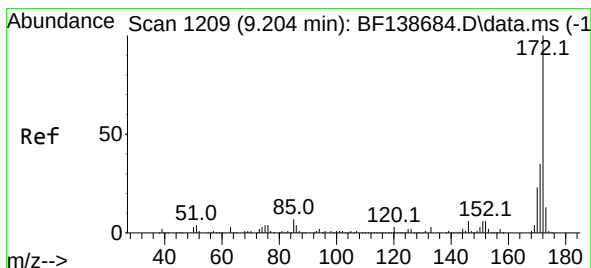
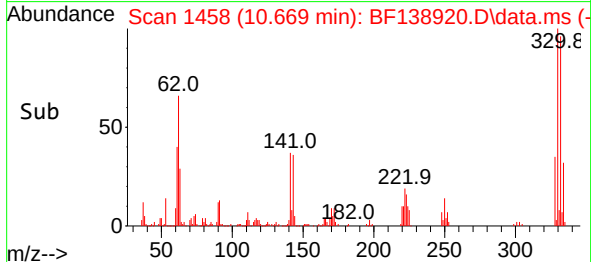
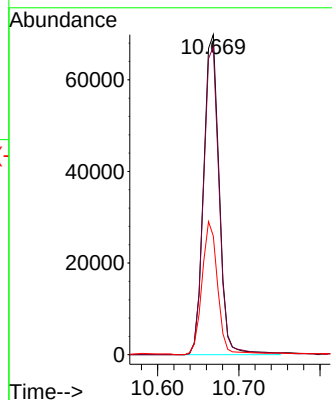
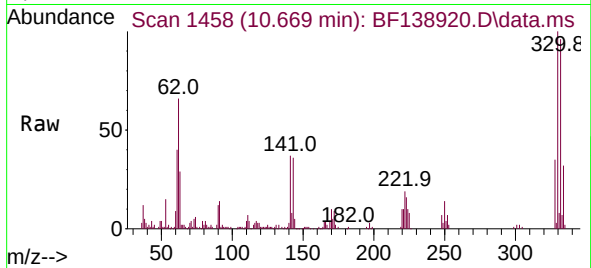




#42
2,4,6-Tribromophenol
Concen: 133.599 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

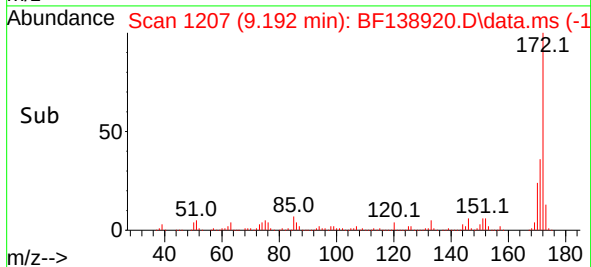
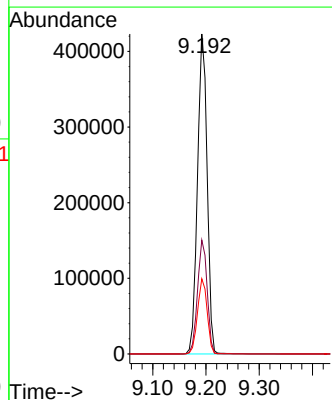
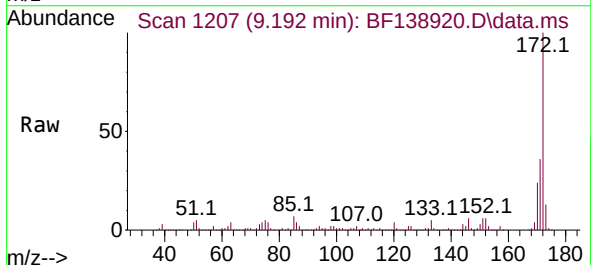
Instrument :
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ClientSampleId :
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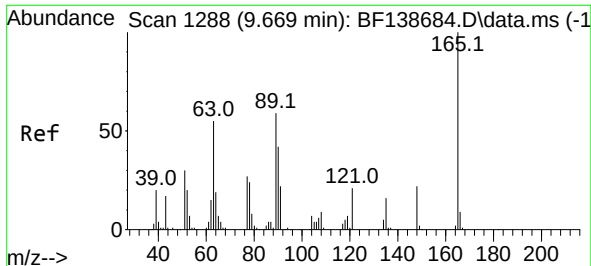
Tgt Ion:330 Resp: 93264
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 93.531 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:172 Resp: 530515
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

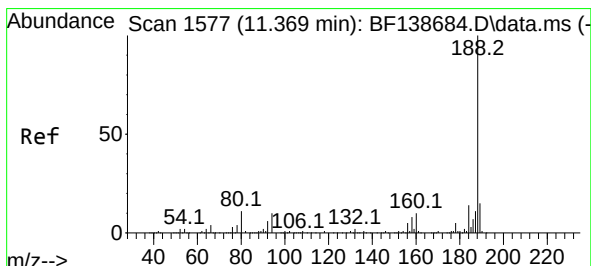
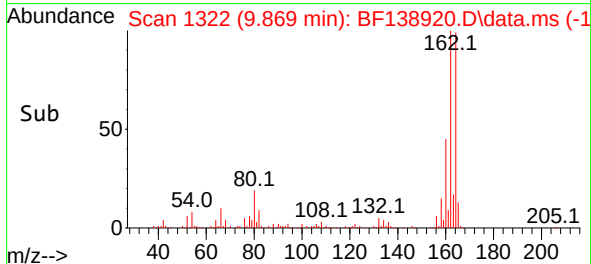
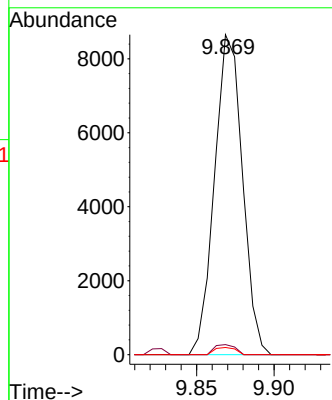
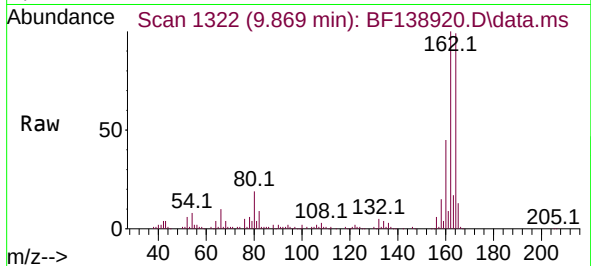




#51
2,6-Dinitrotoluene
Concen: 8.817 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

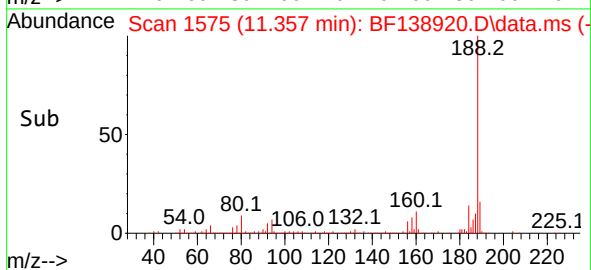
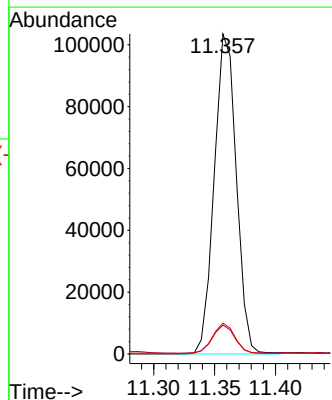
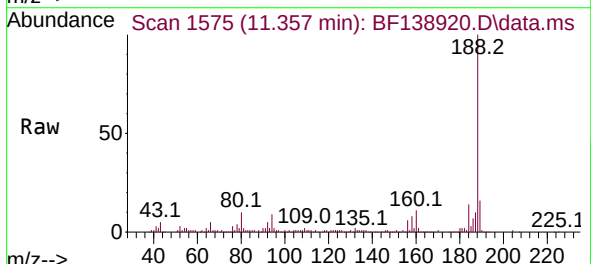
Instrument :
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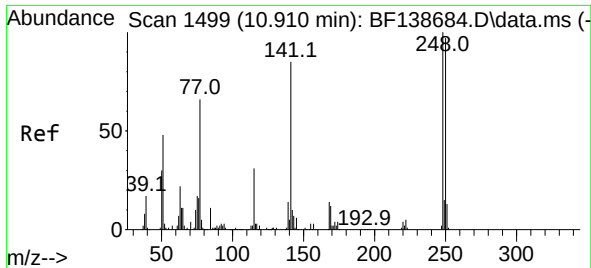
Tgt Ion:165 Resp: 10843
Ion Ratio Lower Upper
165 100
63 3.1 52.0 78.0#
89 2.3 47.0 70.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:188 Resp: 130427
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.7 8.6 12.8

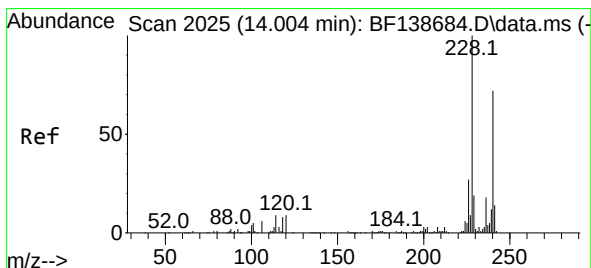
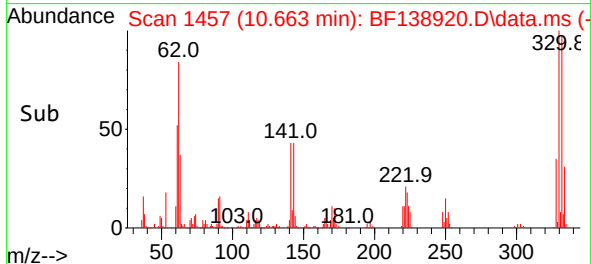
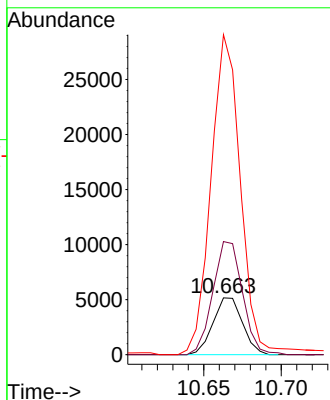
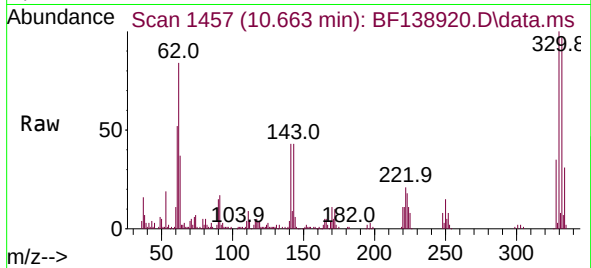




#67
4-Bromophenyl-phenylether
Concen: 4.849 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

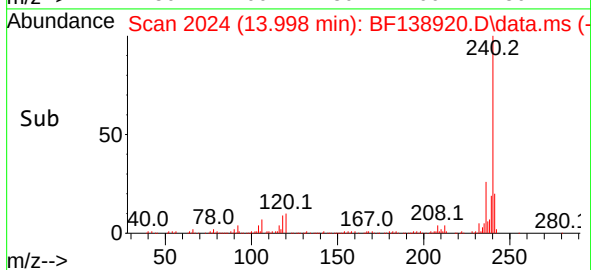
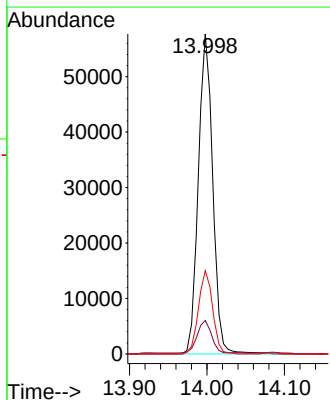
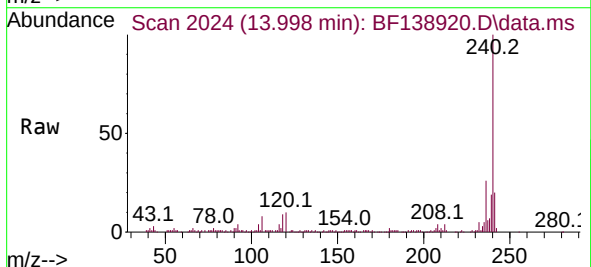
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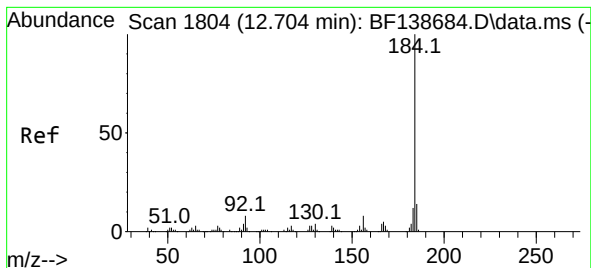
Tgt Ion:248 Resp: 6847
Ion Ratio Lower Upper
248 100
250 199.2 77.7 116.5#
141 563.4 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:240 Resp: 74540
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 26.0 19.8 29.8





#77

Benzidine

Concen: 2.887 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138920.D

Acq: 10 Aug 2024 20:24

Instrument :

BNA_F

ClientSampleId :

MUL05

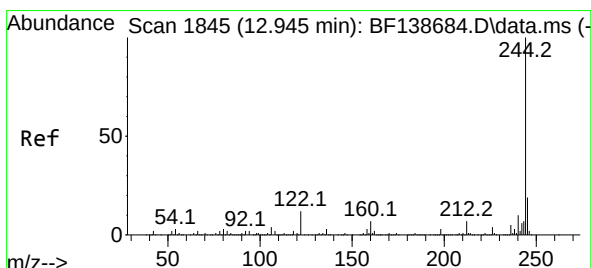
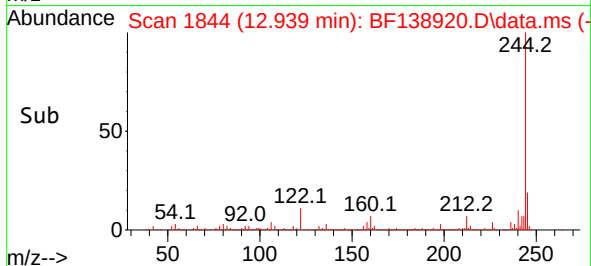
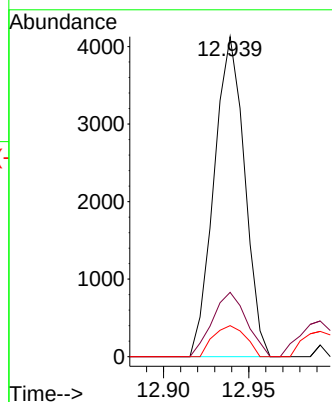
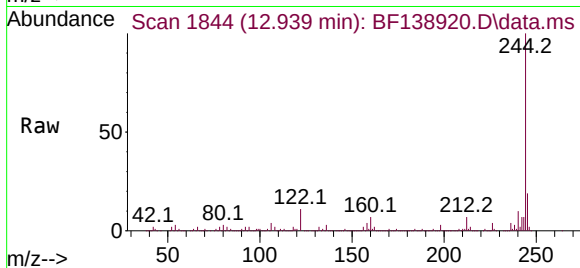
Tgt Ion:184 Resp: 5147

Ion Ratio Lower Upper

184 100

185 20.1 11.1 16.7#

183 9.7 9.6 14.4



#79

Terphenyl-d14

Concen: 82.255 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138920.D

Acq: 10 Aug 2024 20:24

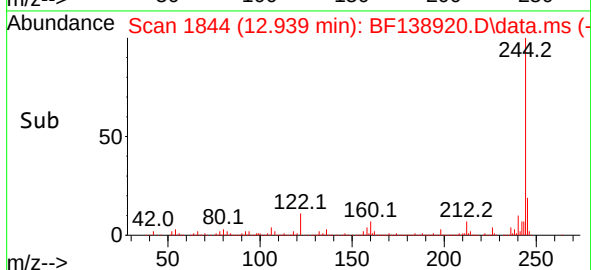
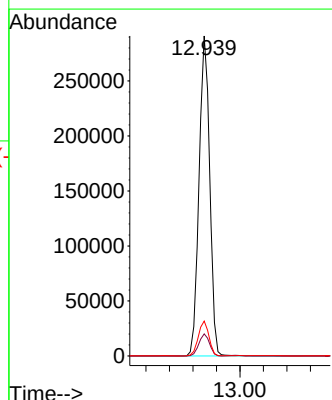
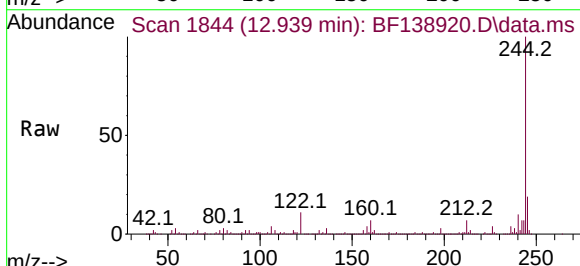
Tgt Ion:244 Resp: 366208

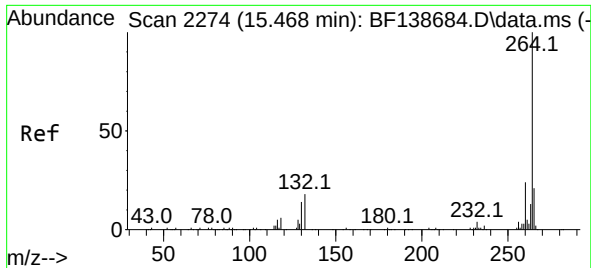
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

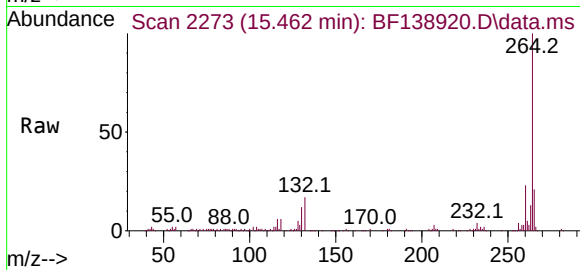
122 10.9 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138920.D
 Acq: 10 Aug 2024 20:24

Instrument :
 BNA_F
 ClientSampleId :
 MUL05



Tgt Ion:264	Resp:	87396
Ion	Ratio	Lower Upper
264	100	
260	23.3	19.0 28.6
265	21.2	17.0 25.6

