

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139028.D
 Acq On : 15 Aug 2024 18:08
 Operator : RC/JU
 Sample : P3580-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 925-K1-SD-0.5-1-081224

Quant Time: Aug 15 18:38:05 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)

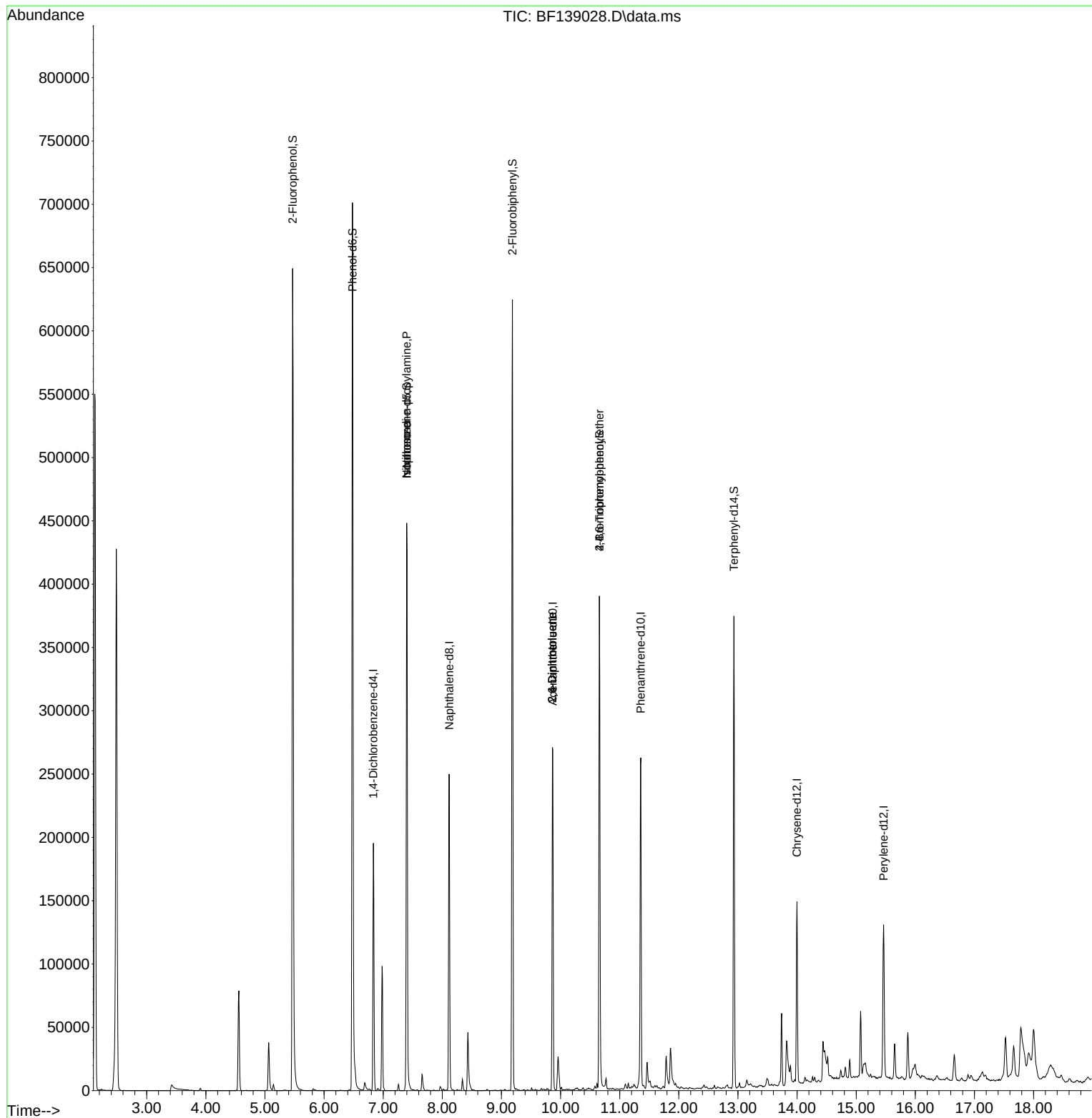
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	35847	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	145817	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	80179	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	134366	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	66194	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	72077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	221158	95.236	ng	0.00
7) Phenol-d6	6.481	99	297838	95.528	ng	0.00
23) Nitrobenzene-d5	7.398	82	192443	64.525	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	53214	81.023	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	255393	47.859	ng	-0.02
79) Terphenyl-d14	12.933	244	165324	41.816	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	26738	14.199	ng	# 81
25) Isophorone	7.398	82	192441	37.788	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	10511	9.085	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	10511	7.120	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	4053	2.786	ng	# 1

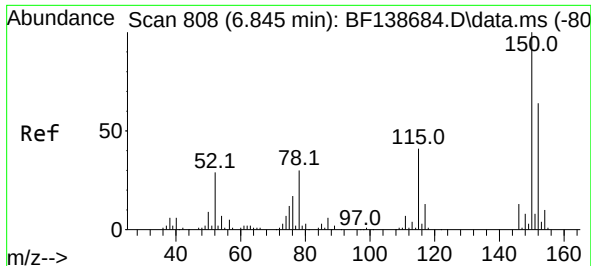
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

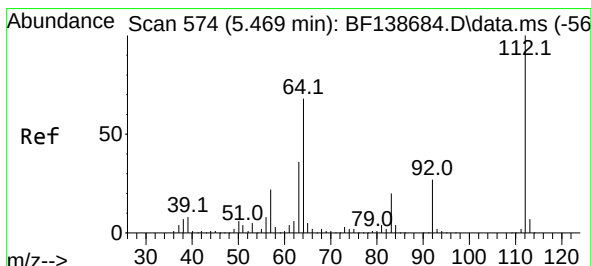
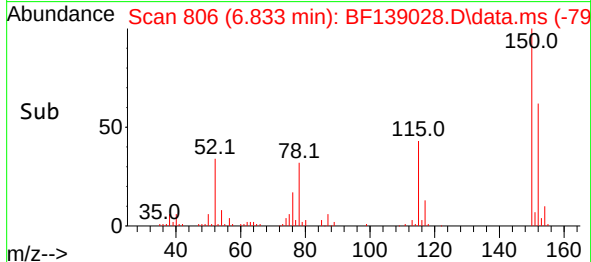
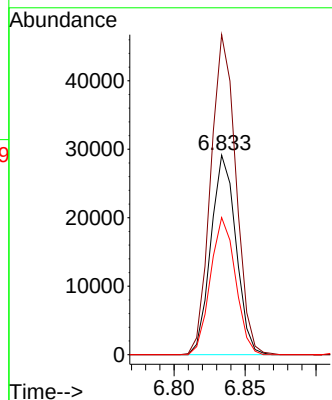
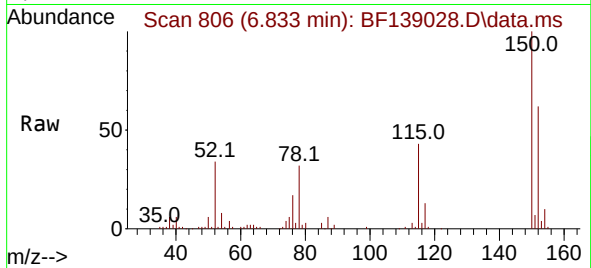




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

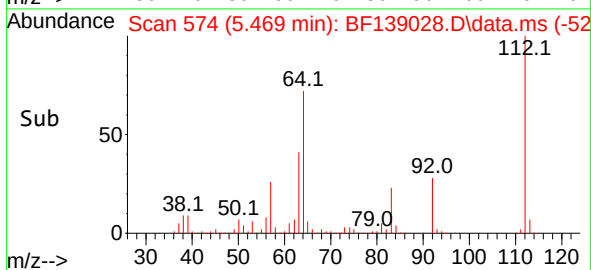
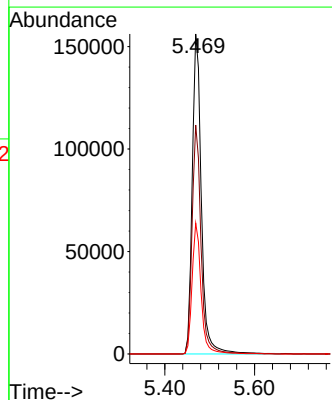
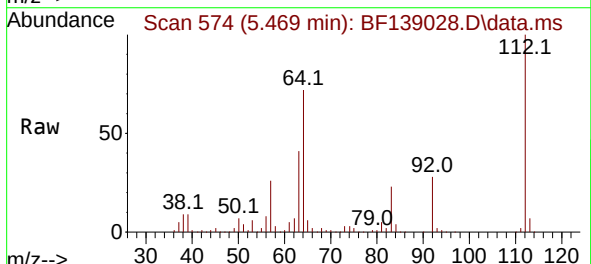
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0.5-1-081224

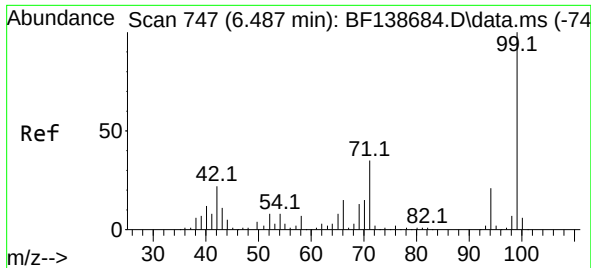
Tgt Ion:152 Resp: 35847
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 68.7 51.7 77.5



#5
2-Fluorophenol
Concen: 95.236 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

Tgt Ion:112 Resp: 221158
Ion Ratio Lower Upper
112 100
64 71.5 54.2 81.4
63 40.9 28.7 43.1

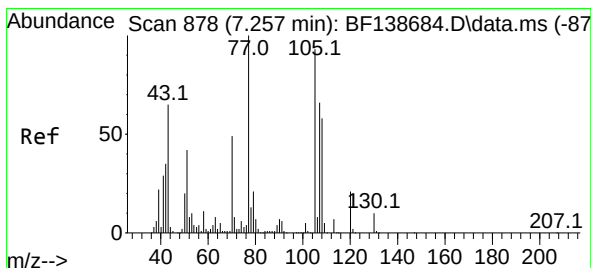
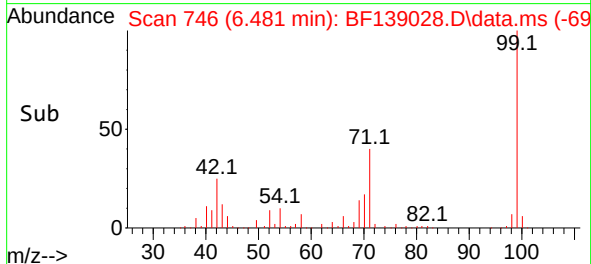
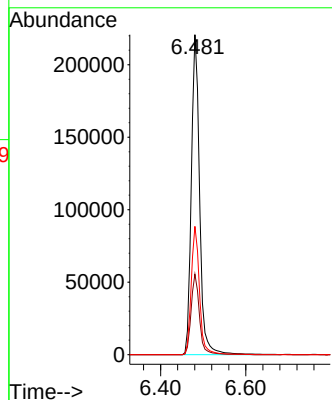
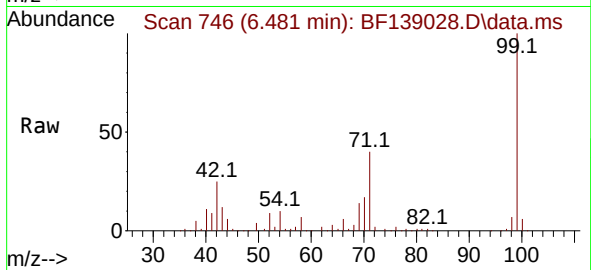




#7
Phenol-d6
Concen: 95.528 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

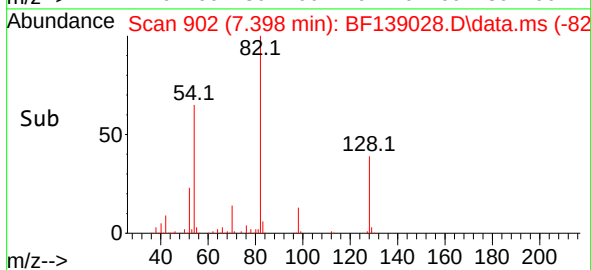
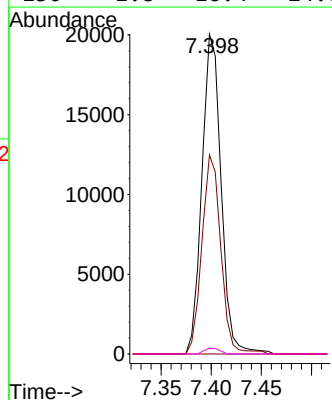
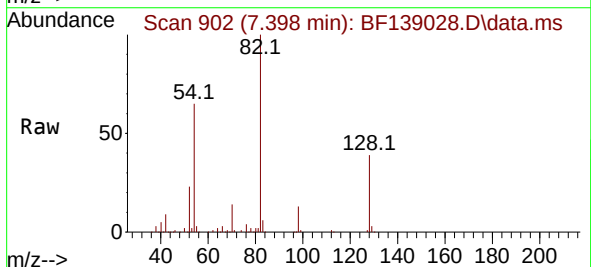
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0.5-1-081224

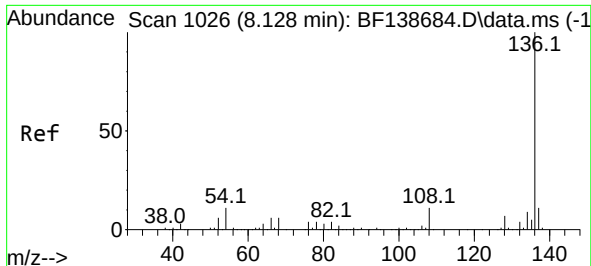
Tgt Ion: 99 Resp: 297838
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.199 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

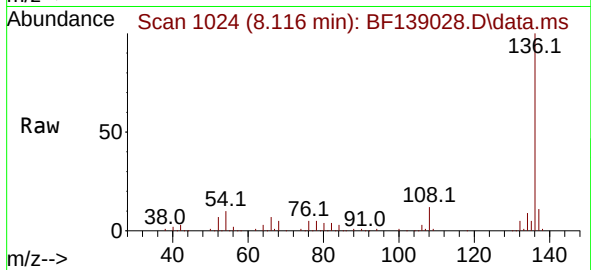
Tgt Ion: 70 Resp: 26738
Ion Ratio Lower Upper
70 100
42 62.2 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#





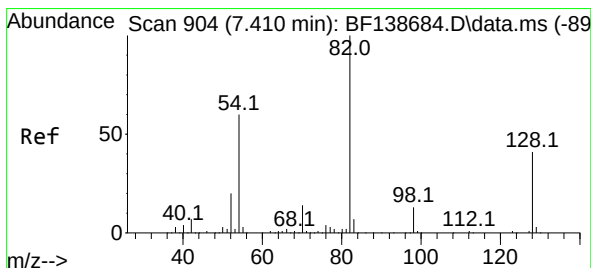
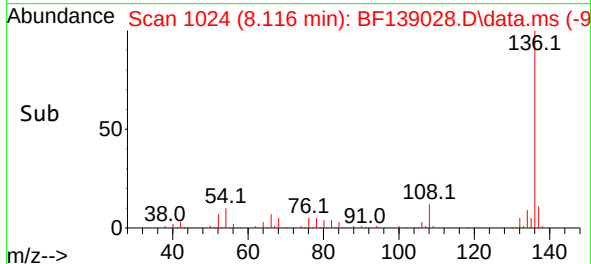
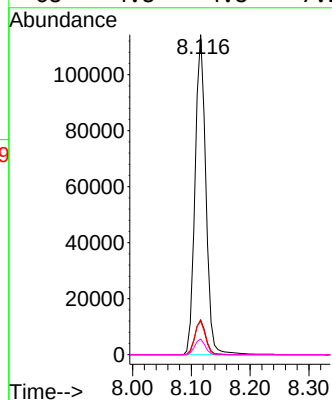
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0.5-1-081224



Tgt Ion:136 Resp: 145817

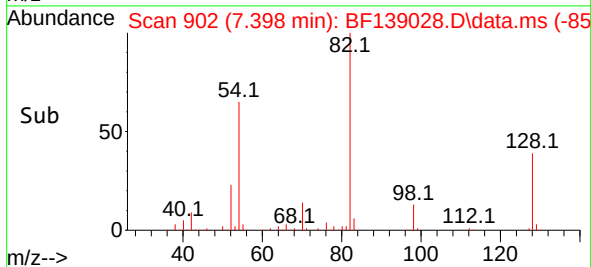
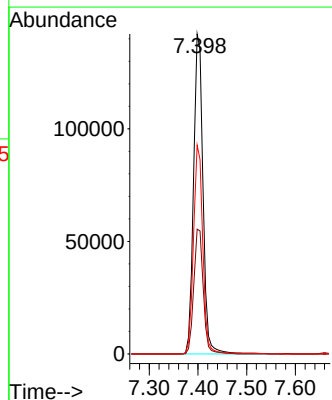
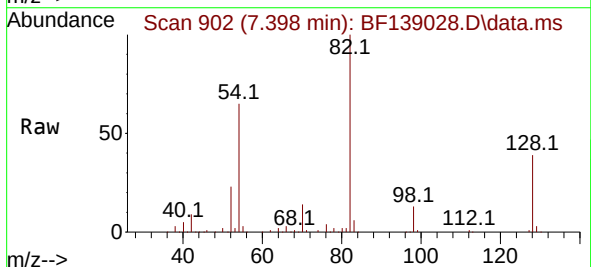
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.4	8.6	12.8
68	4.8	4.8	7.2

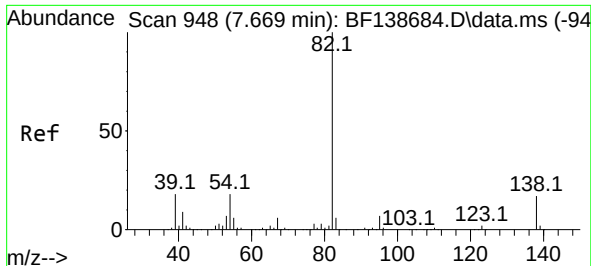


#23
Nitrobenzene-d5
Concen: 64.525 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

Tgt Ion: 82 Resp: 192443

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.8	49.2
54	65.2	48.3	72.5

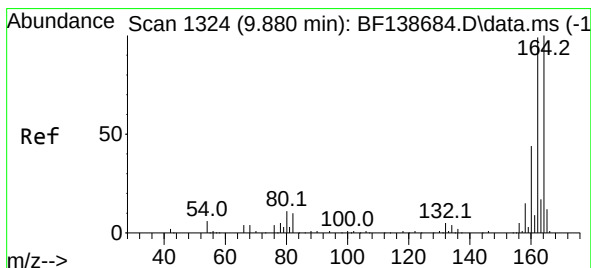
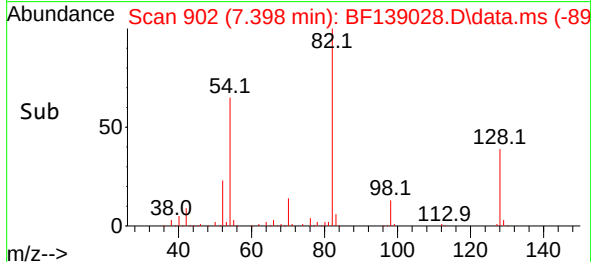
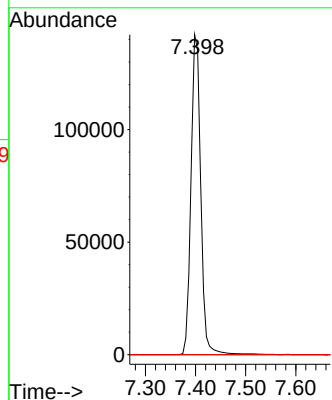
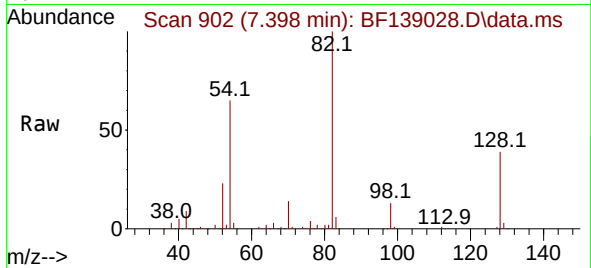




#25
Isophorone
Concen: 37.788 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

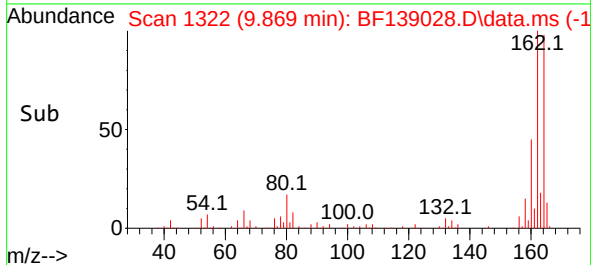
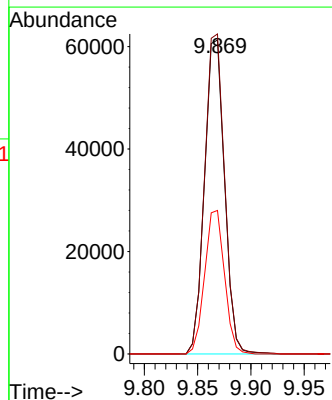
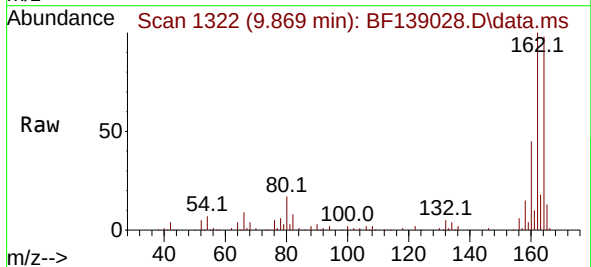
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0.5-1-081224

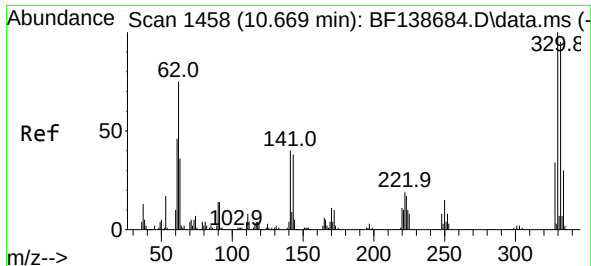
Tgt Ion: 82 Resp: 192441
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

Tgt Ion: 164 Resp: 80179
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.0
160 45.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 81.023 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF139028.D

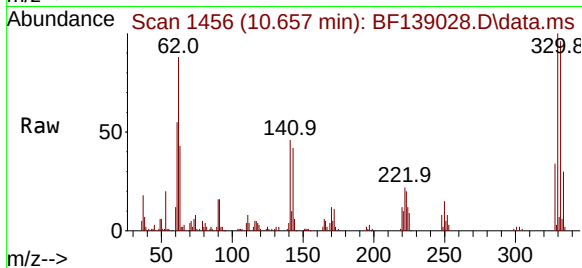
Acq: 15 Aug 2024 18:08

Instrument :

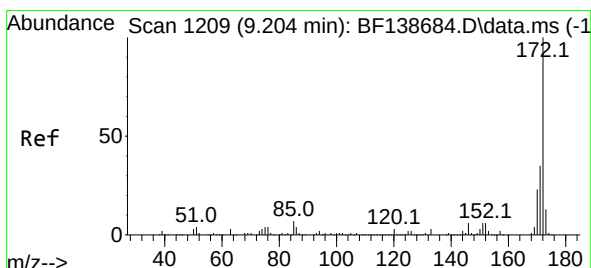
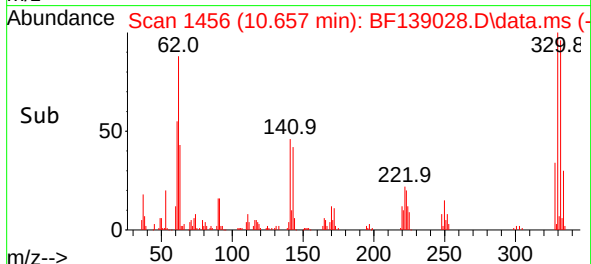
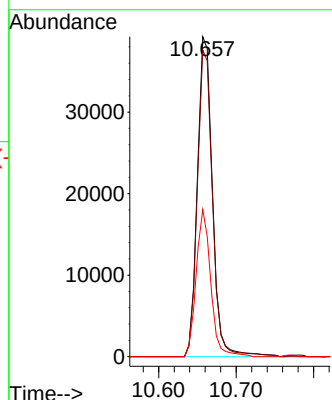
BNA_F

ClientSampleId :

925-K1-SD-0.5-1-081224



Tgt Ion:	330	Resp:	53214
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.4	114.6
141	44.2	31.1	46.7



#45

2-Fluorobiphenyl

Concen: 47.859 ng

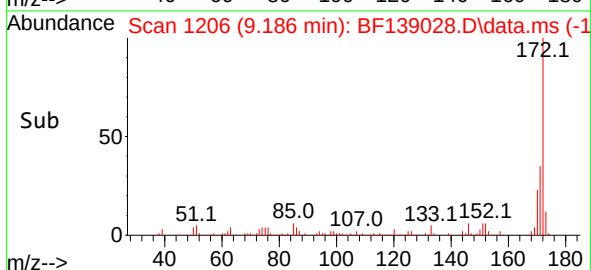
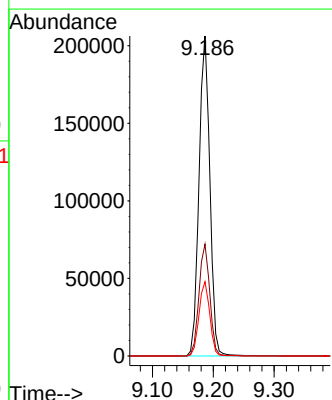
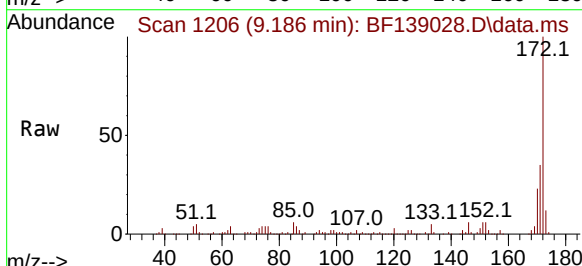
RT: 9.186 min Scan# 1206

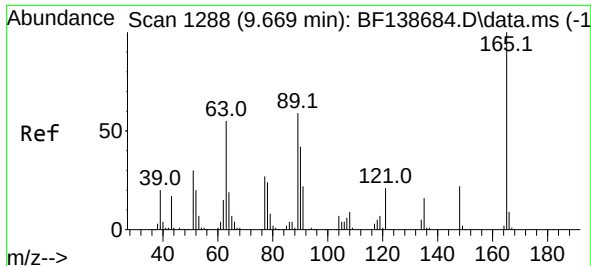
Delta R.T. -0.018 min

Lab File: BF139028.D

Acq: 15 Aug 2024 18:08

Tgt Ion:	172	Resp:	255393
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.3	42.5
170	23.2	18.8	28.2

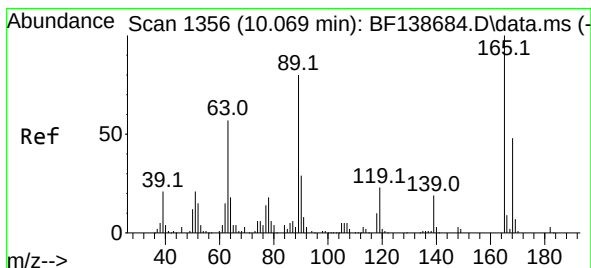
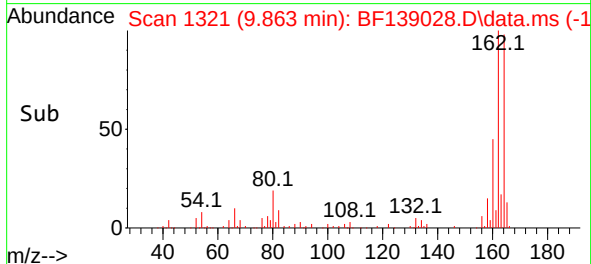
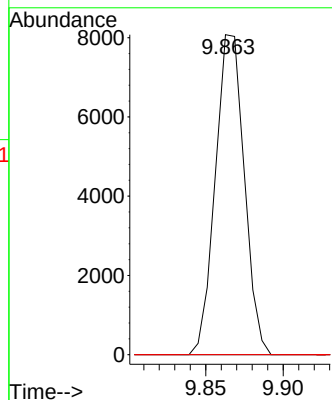
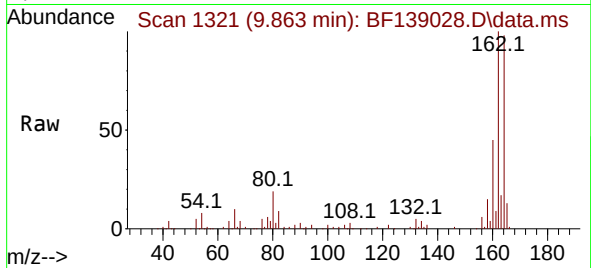




#51
2,6-Dinitrotoluene
Concen: 9.085 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

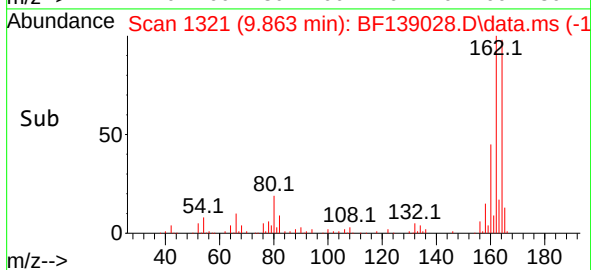
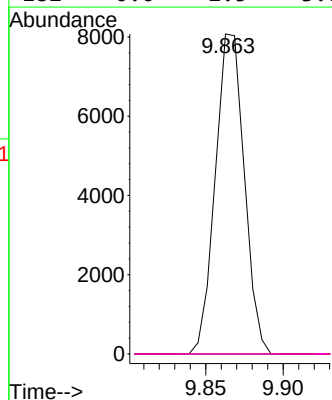
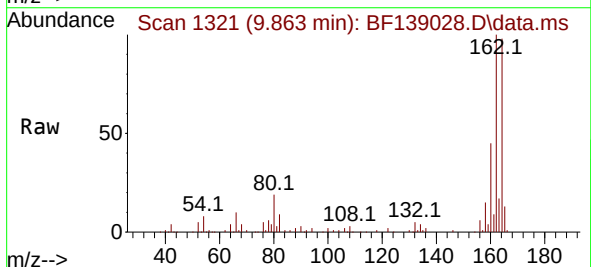
Instrument :
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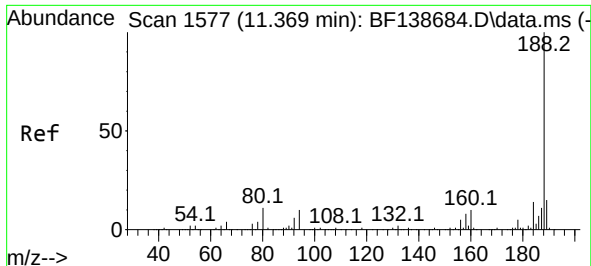
Tgt Ion:165 Resp: 10511
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.120 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.206 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

Tgt Ion:165 Resp: 10511
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

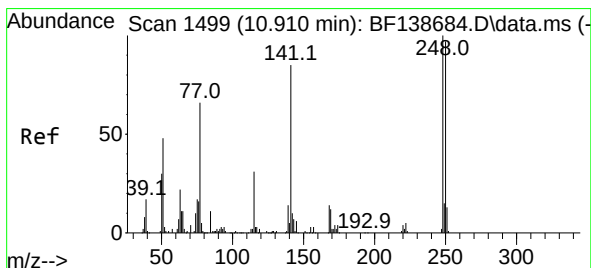
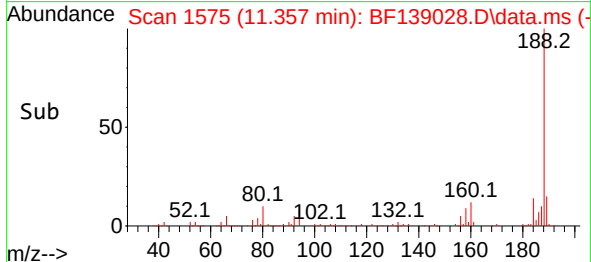
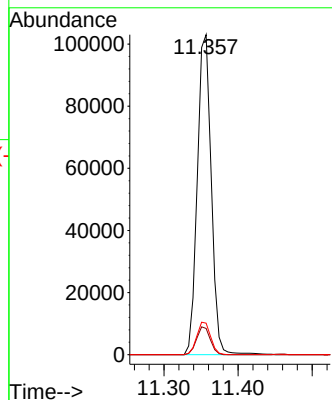
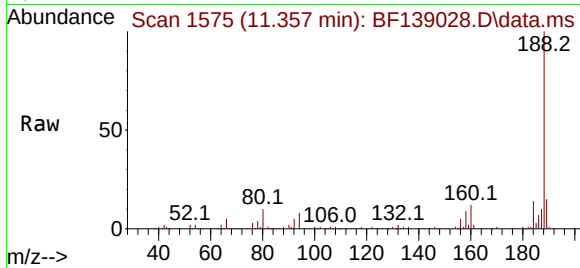




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

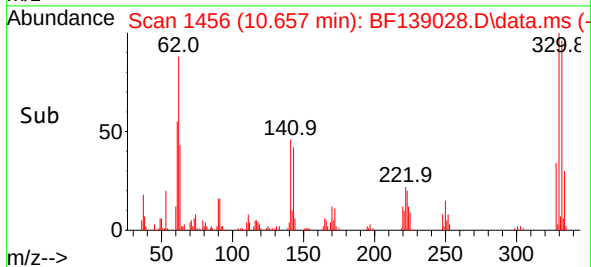
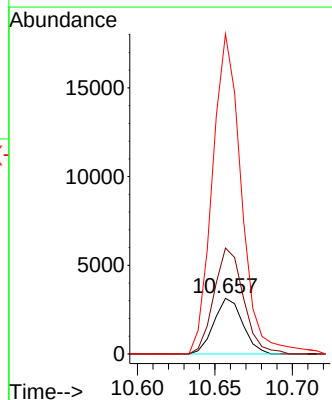
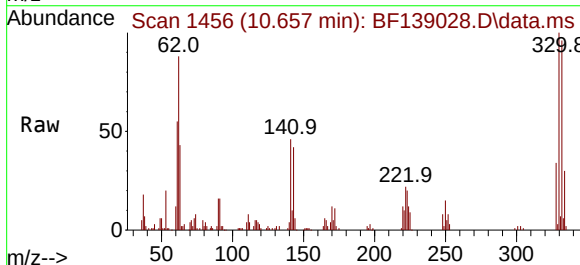
Instrument :
BNA_F
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925-K1-SD-0.5-1-081224

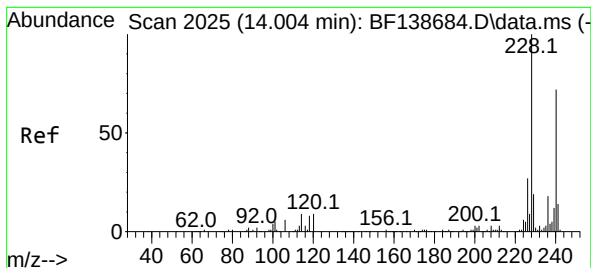
Tgt Ion:188 Resp: 134366
Ion Ratio Lower Upper
188 100
94 8.2 7.6 11.4
80 9.9 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.786 ng
RT: 10.657 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF139028.D
Acq: 15 Aug 2024 18:08

Tgt Ion:248 Resp: 4053
Ion Ratio Lower Upper
248 100
250 190.2 77.7 116.5#
141 574.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139028.D

Acq: 15 Aug 2024 18:08

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0.5-1-081224

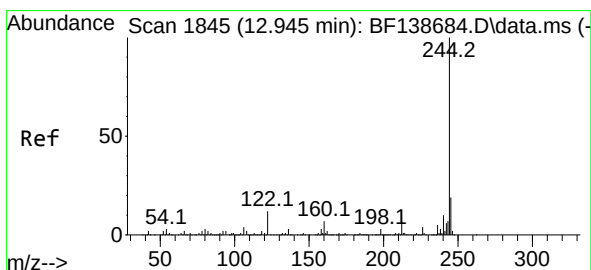
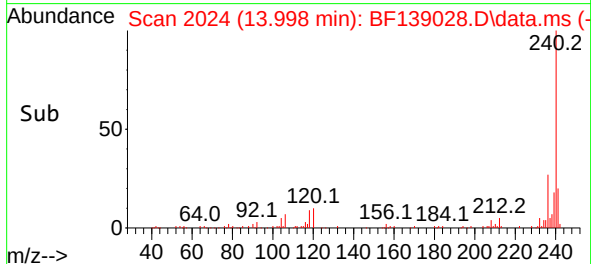
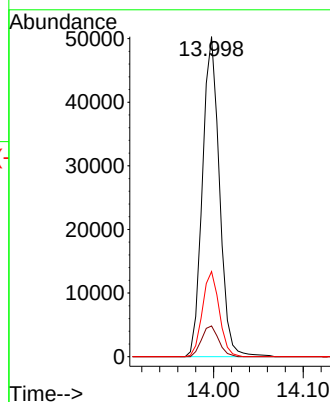
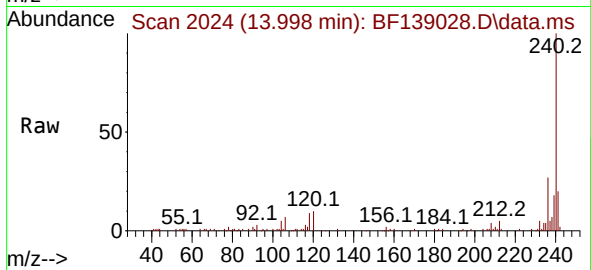
Tgt Ion:240 Resp: 66194

Ion Ratio Lower Upper

240 100

120 9.6 10.2 15.4#

236 26.6 19.8 29.8



#79

Terphenyl-d14

Concen: 41.816 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139028.D

Acq: 15 Aug 2024 18:08

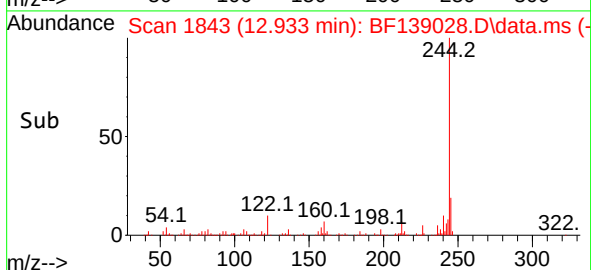
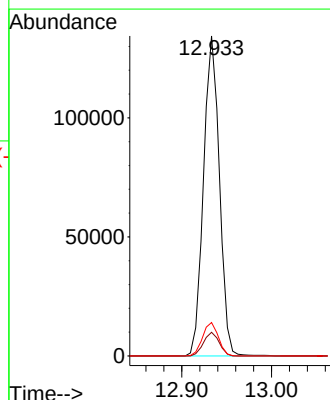
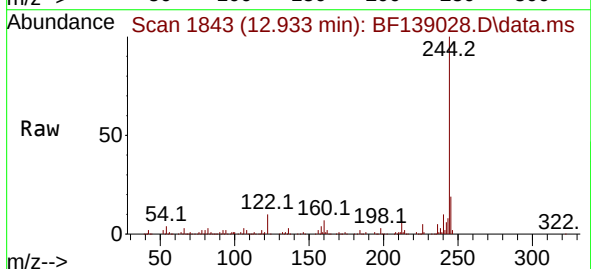
Tgt Ion:244 Resp: 165324

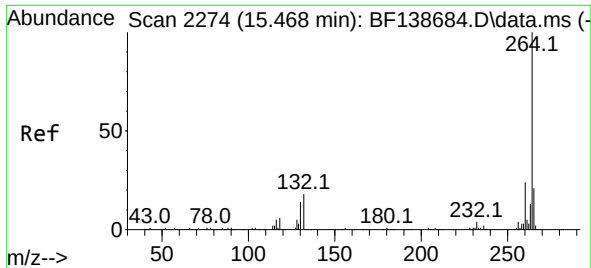
Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 10.5 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: BF139028.D
 Acq: 15 Aug 2024 18:08

Instrument :
 BNA_F
 ClientSampleId :
 925-K1-SD-0.5-1-081224

Tgt Ion:264	Resp:	72077
Ion	Ratio	Lower Upper
264	100	
260	23.9	19.0 28.6
265	20.7	17.0 25.6

