

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139029.D
 Acq On : 15 Aug 2024 18:40
 Operator : RC/JU
 Sample : P3580-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-SD-0-0.5-081224

Quant Time: Aug 16 00:27:01 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)

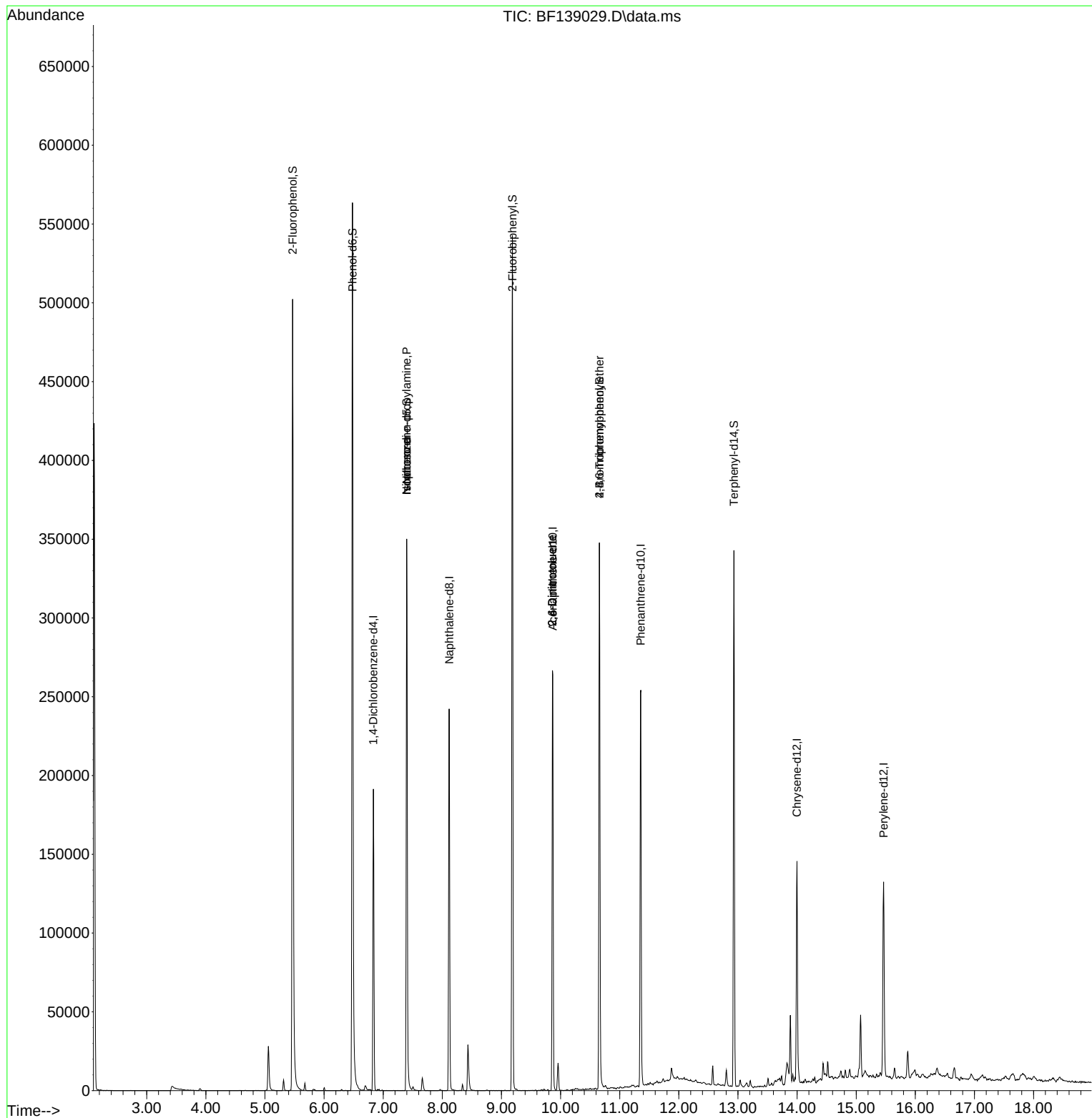
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	34515	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	141948	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	80201	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	130042	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64534	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	70597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	176418	78.901	ng	0.00
7) Phenol-d6	6.481	99	234452	78.099	ng	0.00
23) Nitrobenzene-d5	7.398	82	149261	51.410	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	47943	72.978	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	216817	40.619	ng	-0.02
79) Terphenyl-d14	12.933	244	151693	39.355	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	20020	11.042	ng	# 81
25) Isophorone	7.398	82	149260	30.107	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	10155	8.775	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	10155	6.877	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	3399	2.414	ng	# 1

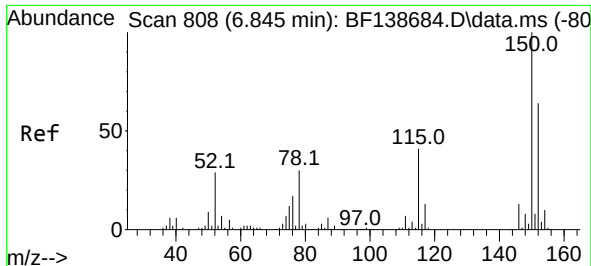
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

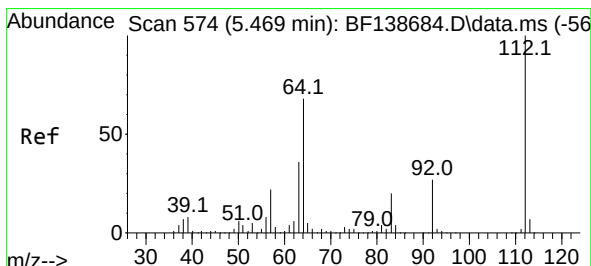
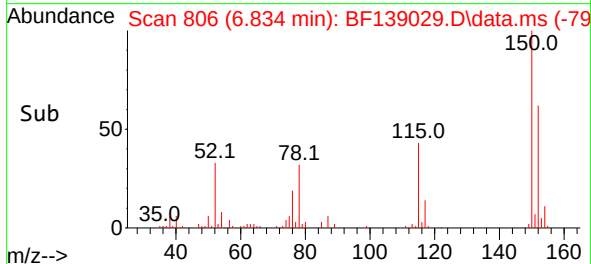
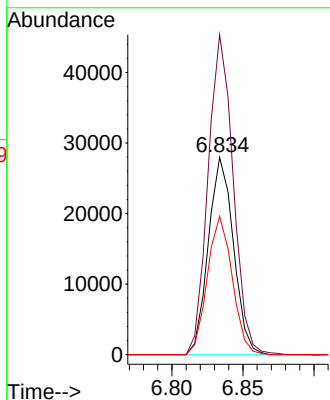
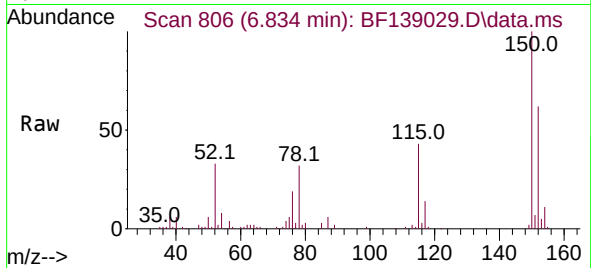




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

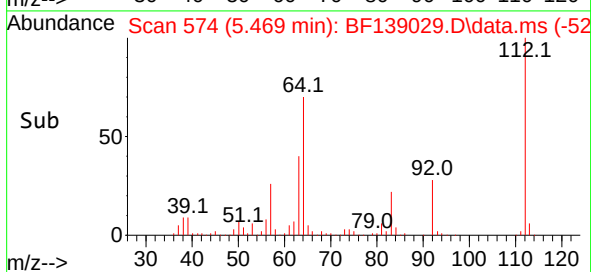
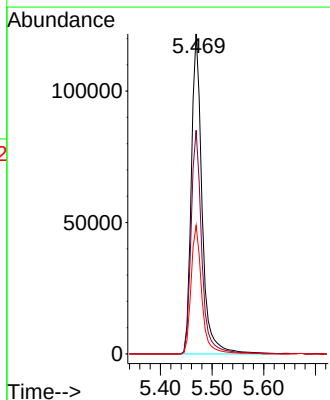
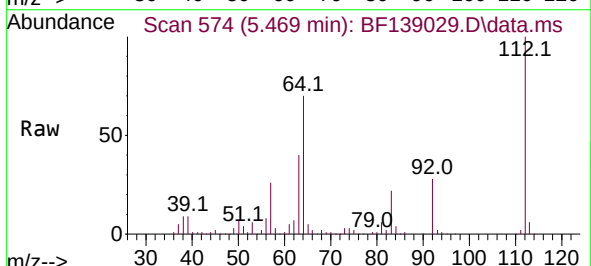
Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

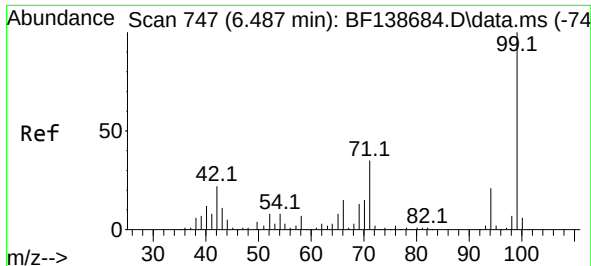
Tgt Ion:152 Resp: 34515
Ion Ratio Lower Upper
152 100
150 162.1 126.0 189.0
115 70.1 51.7 77.5



#5
2-Fluorophenol
Concen: 78.901 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Tgt Ion:112 Resp: 176418
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 40.1 28.7 43.1

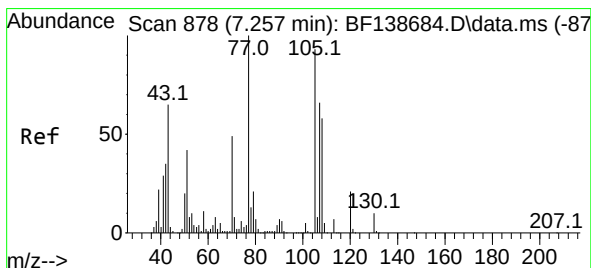
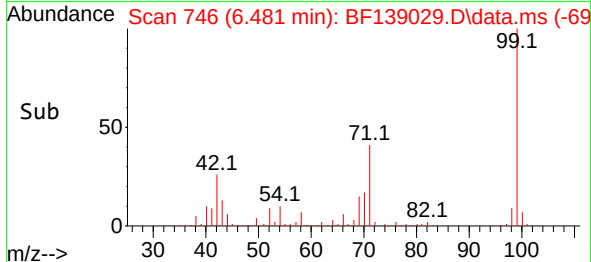
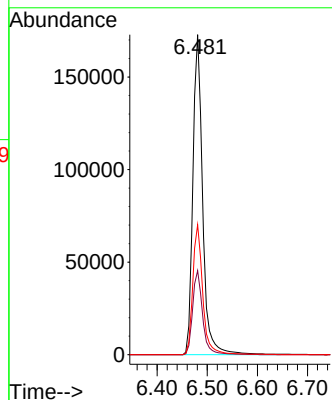
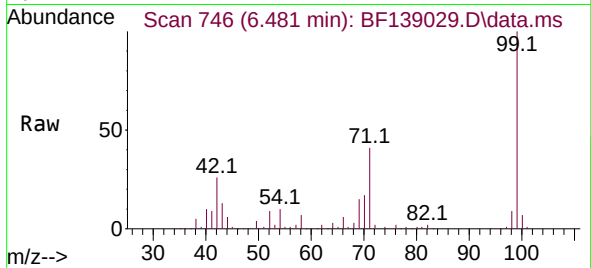




#7
Phenol-d6
Concen: 78.099 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

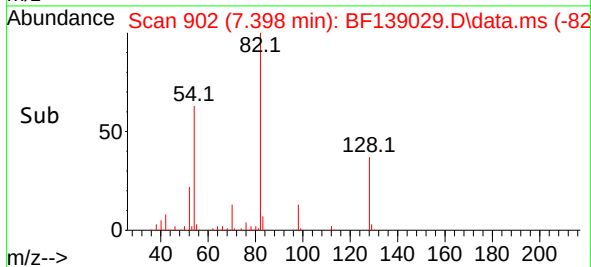
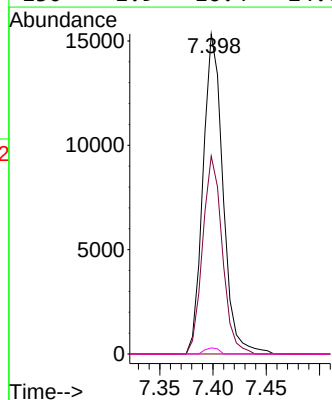
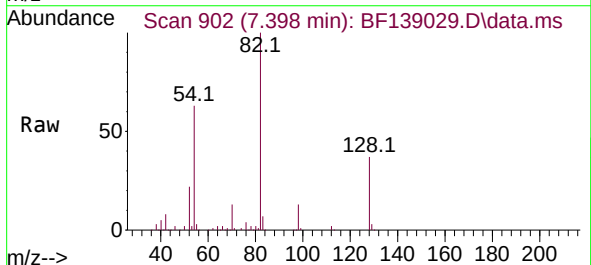
Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

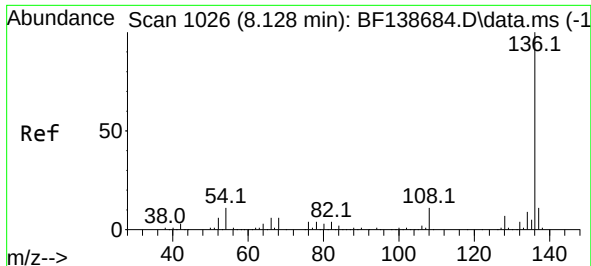
Tgt Ion: 99 Resp: 234452
Ion Ratio Lower Upper
99 100
42 26.2 17.4 26.0#
71 40.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.042 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

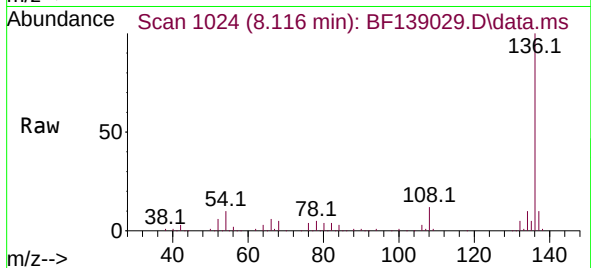
Tgt Ion: 70 Resp: 20020
Ion Ratio Lower Upper
70 100
42 61.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



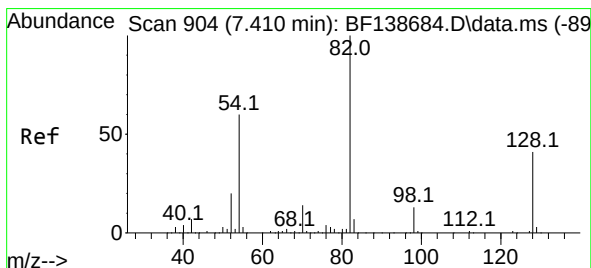
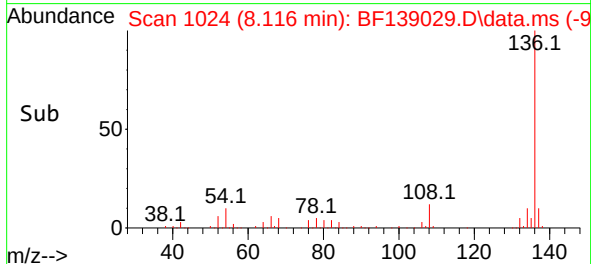
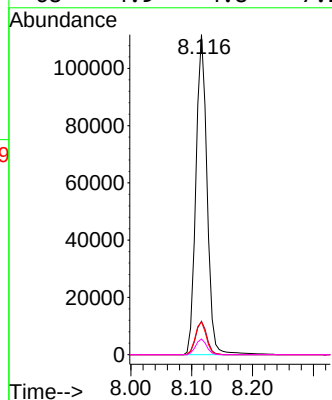


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

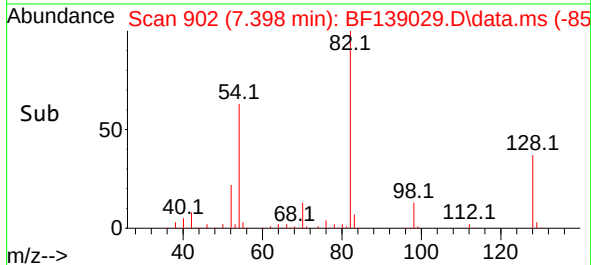
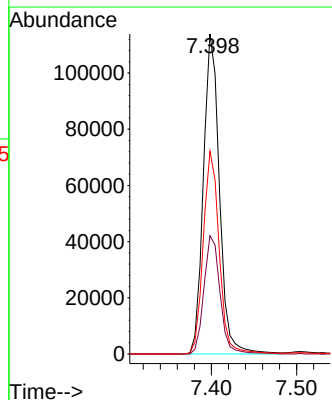
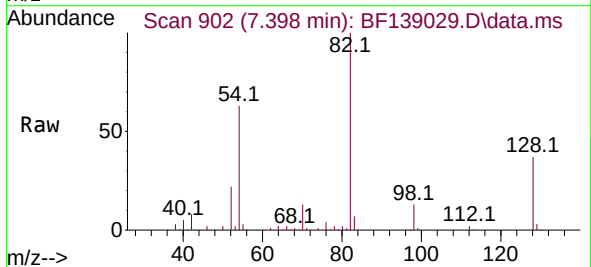


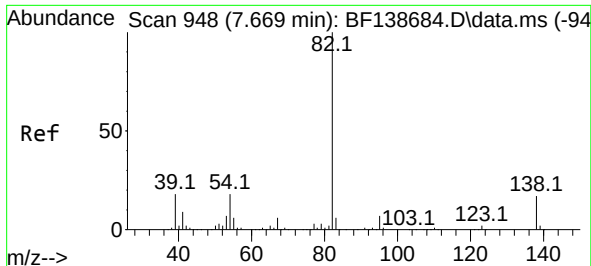
Tgt Ion:136 Resp: 141948
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.3 8.6 12.8
68 4.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 51.410 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

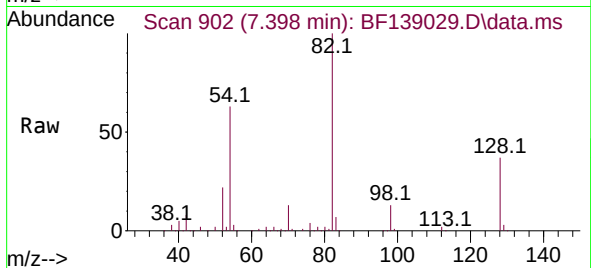
Tgt Ion: 82 Resp: 149261
Ion Ratio Lower Upper
82 100
128 36.9 32.8 49.2
54 63.4 48.3 72.5



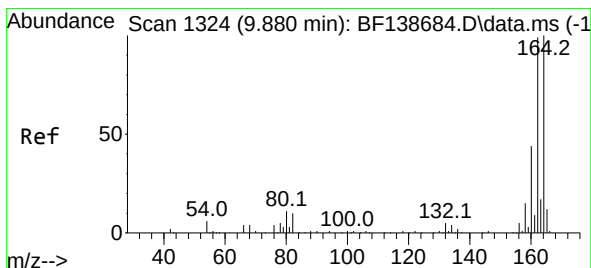
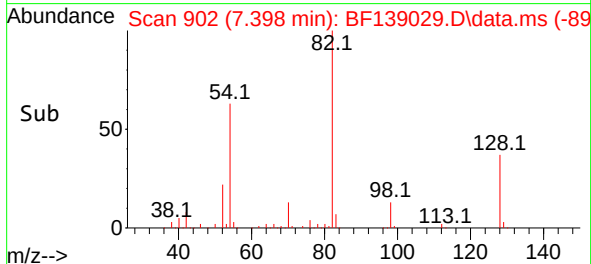
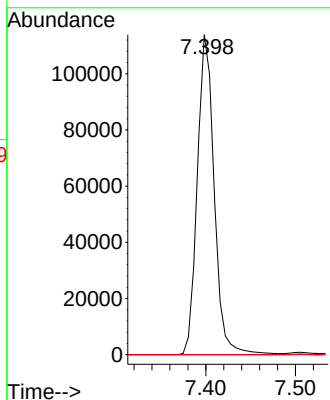


#25
Isophorone
Concen: 30.107 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

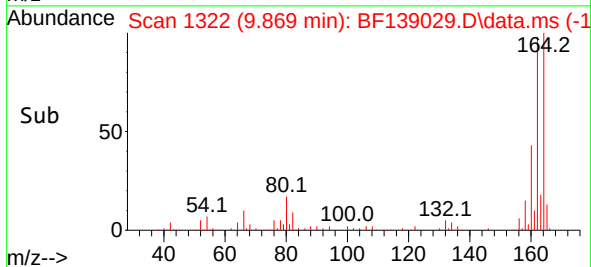
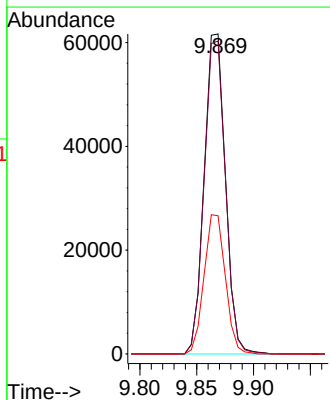
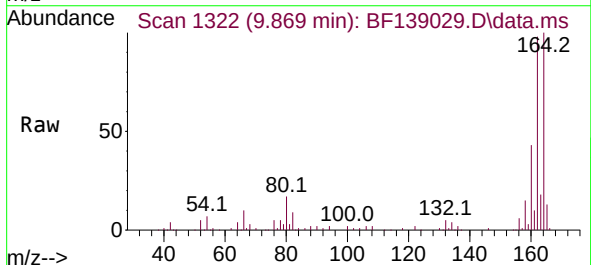


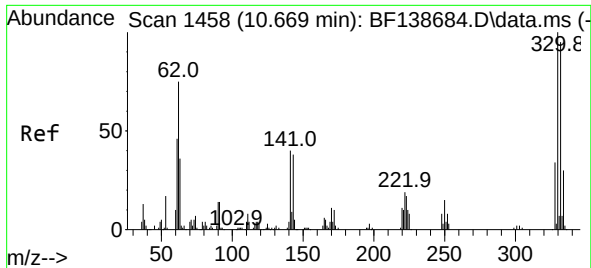
Tgt Ion: 82 Resp: 149260
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

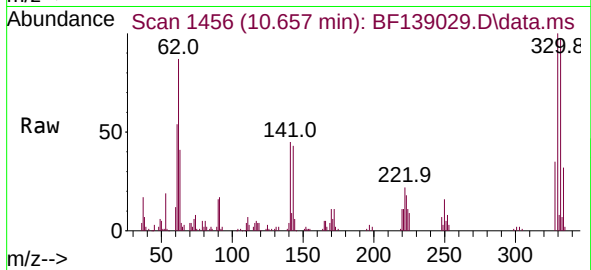
Tgt Ion: 164 Resp: 80201
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 43.2 35.1 52.7



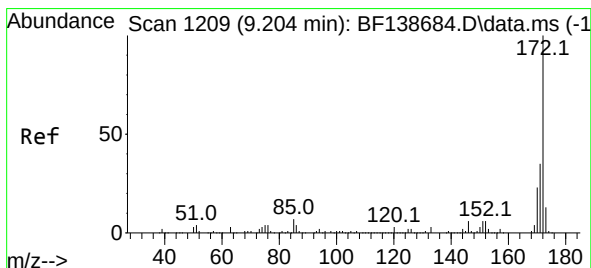
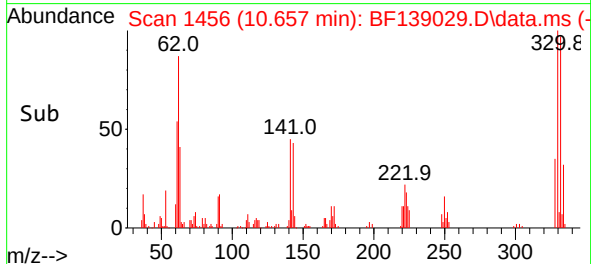
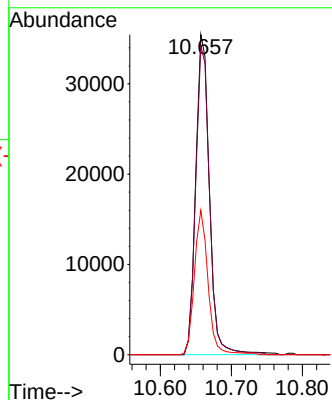


#42
2,4,6-Tribromophenol
Concen: 72.978 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Instrument :
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ClientSampleId :
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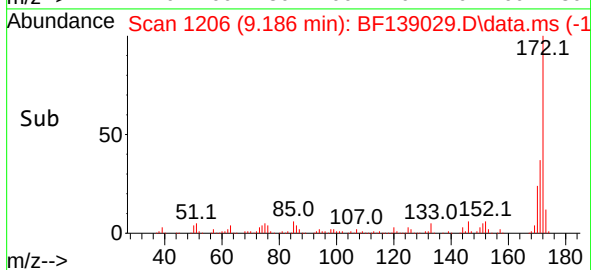
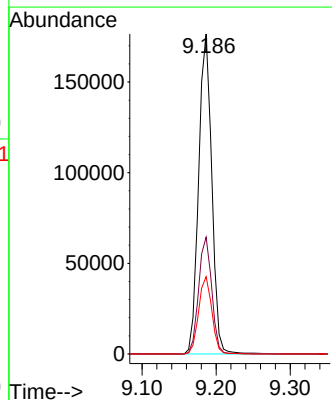
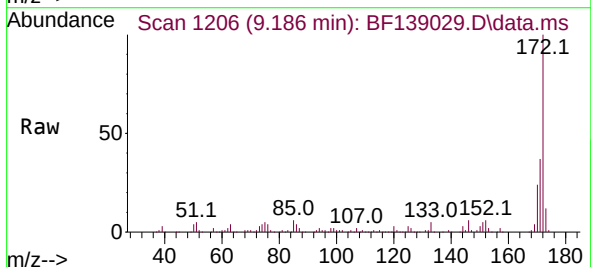


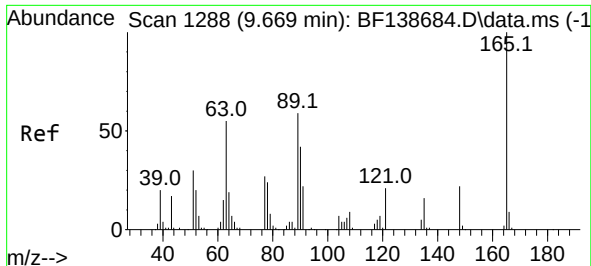
Tgt Ion:330 Resp: 47943
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 44.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 40.619 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Tgt Ion:172 Resp: 216817
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 24.2 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.775 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF139029.D

Acq: 15 Aug 2024 18:40

Instrument :

BNA_F

ClientSampleId :

923-K1-SD-0-0.5-081224

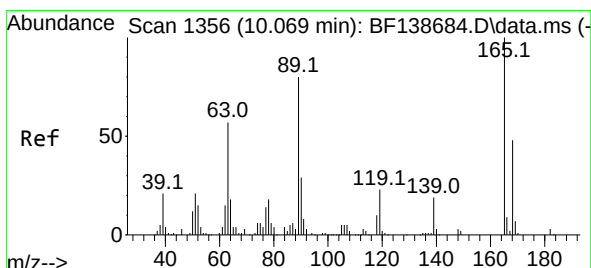
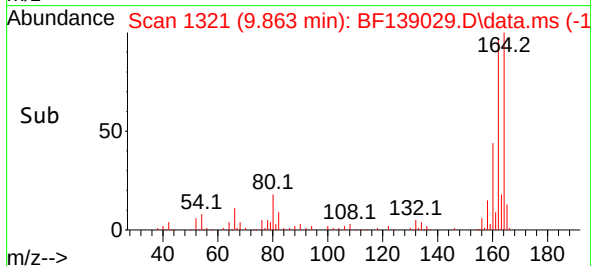
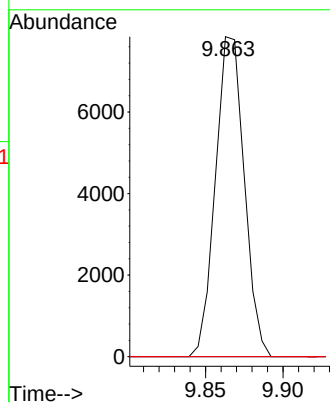
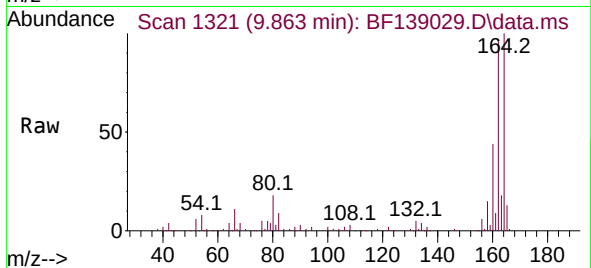
Tgt Ion:165 Resp: 10155

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: 6.877 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.206 min

Lab File: BF139029.D

Acq: 15 Aug 2024 18:40

Tgt Ion:165 Resp: 10155

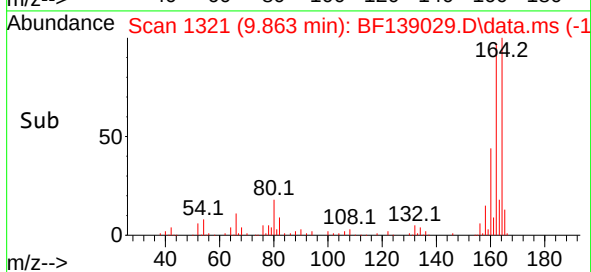
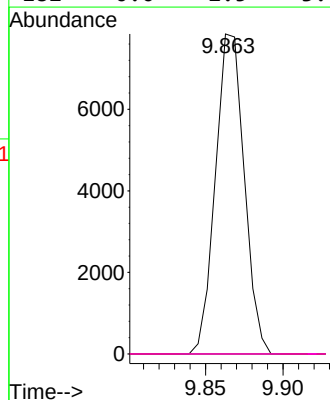
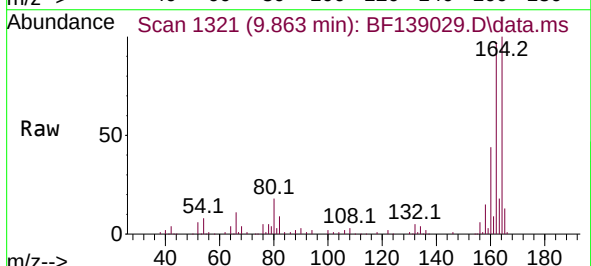
Ion Ratio Lower Upper

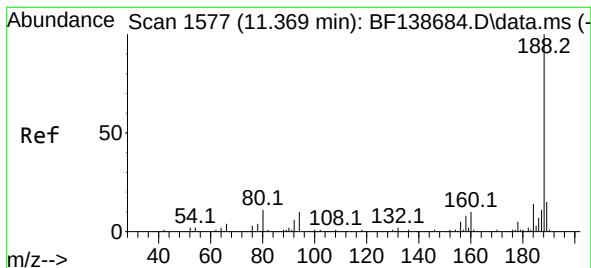
165 100

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# 1

Delta R.T. -0.012 min

Lab File: BF139029.D

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ClientSampleId :

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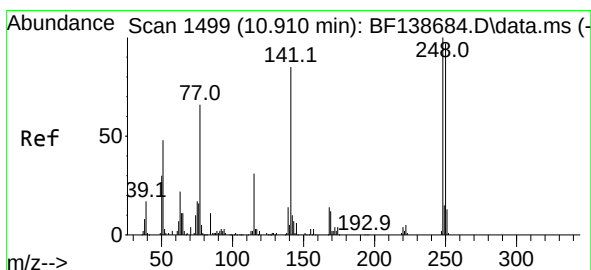
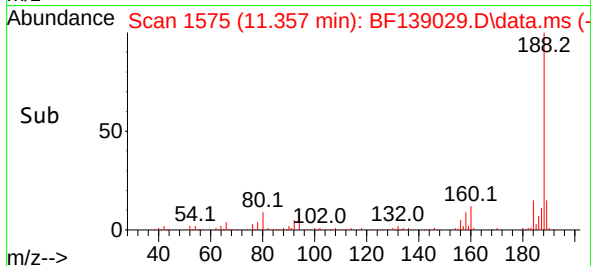
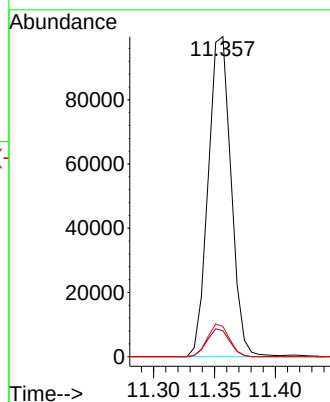
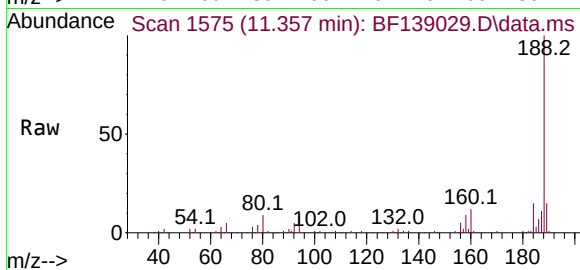
Tgt Ion:188 Resp: 130042

Ion Ratio Lower Upper

188 100

94 8.1 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.414 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139029.D

Acq: 15 Aug 2024 18:40

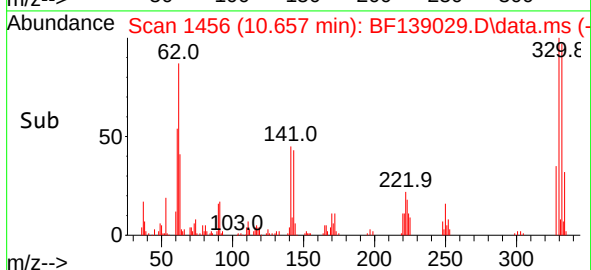
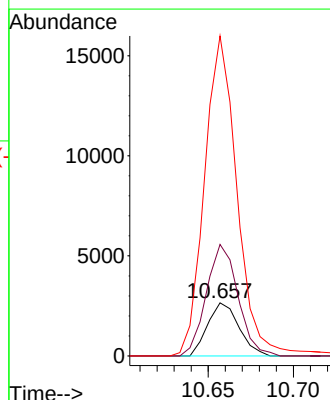
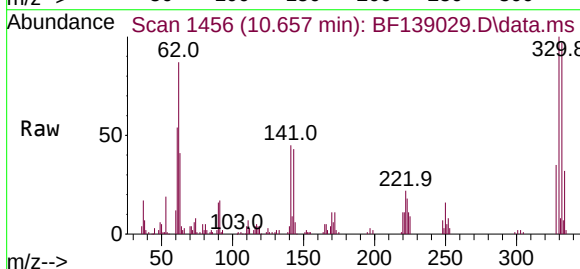
Tgt Ion:248 Resp: 3399

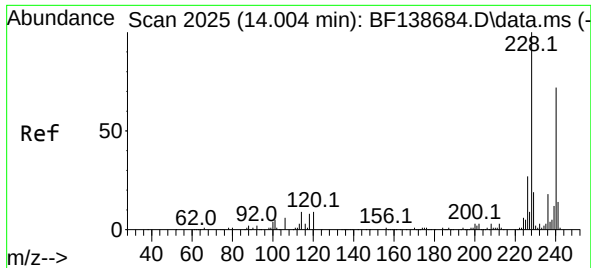
Ion Ratio Lower Upper

248 100

250 209.8 77.7 116.5#

141 601.7 68.0 102.0#

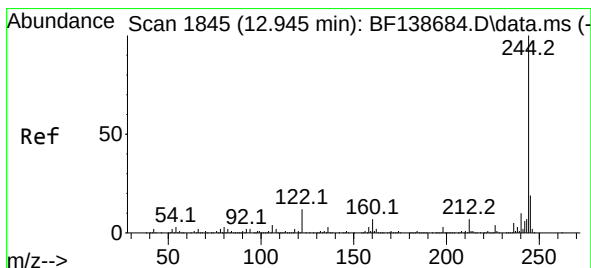
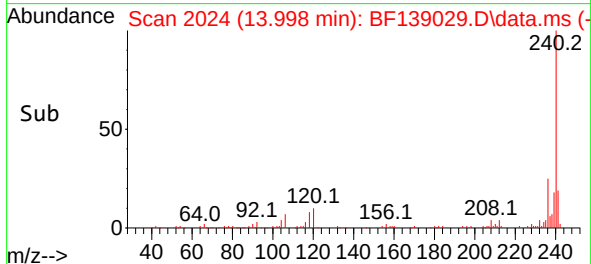
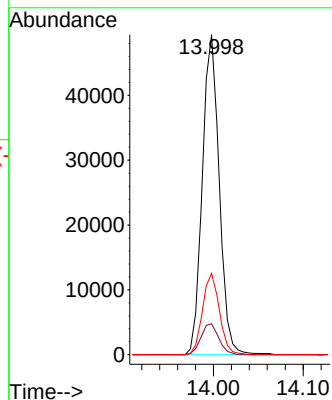
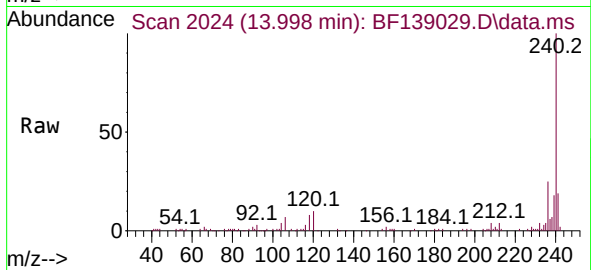




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

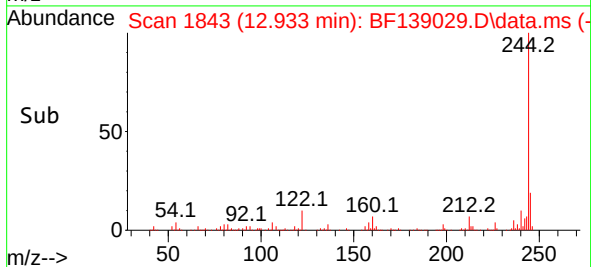
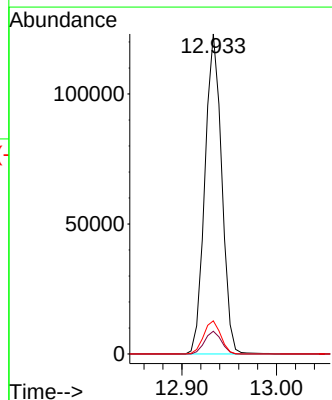
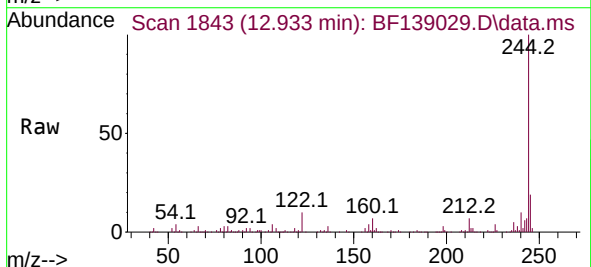
Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

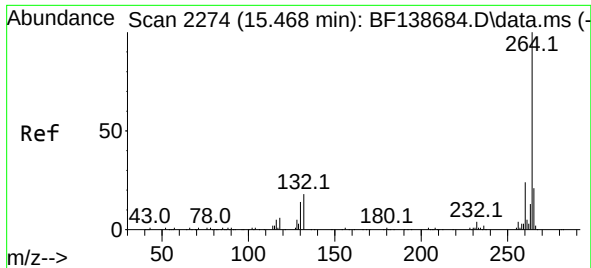
Tgt Ion:240 Resp: 64534
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 25.4 19.8 29.8



#79
Terphenyl-d14
Concen: 39.355 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

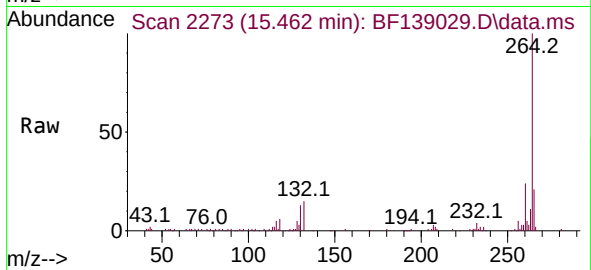
Tgt Ion:244 Resp: 151693
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.3 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224



Tgt Ion:264 Resp: 70597

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.2	17.0	25.6

