

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130649.D
 Acq On : 13 Oct 2022 16:16
 Operator : CG\JU
 Sample : N5128-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265751-3

Quant Time: Oct 14 06:01:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

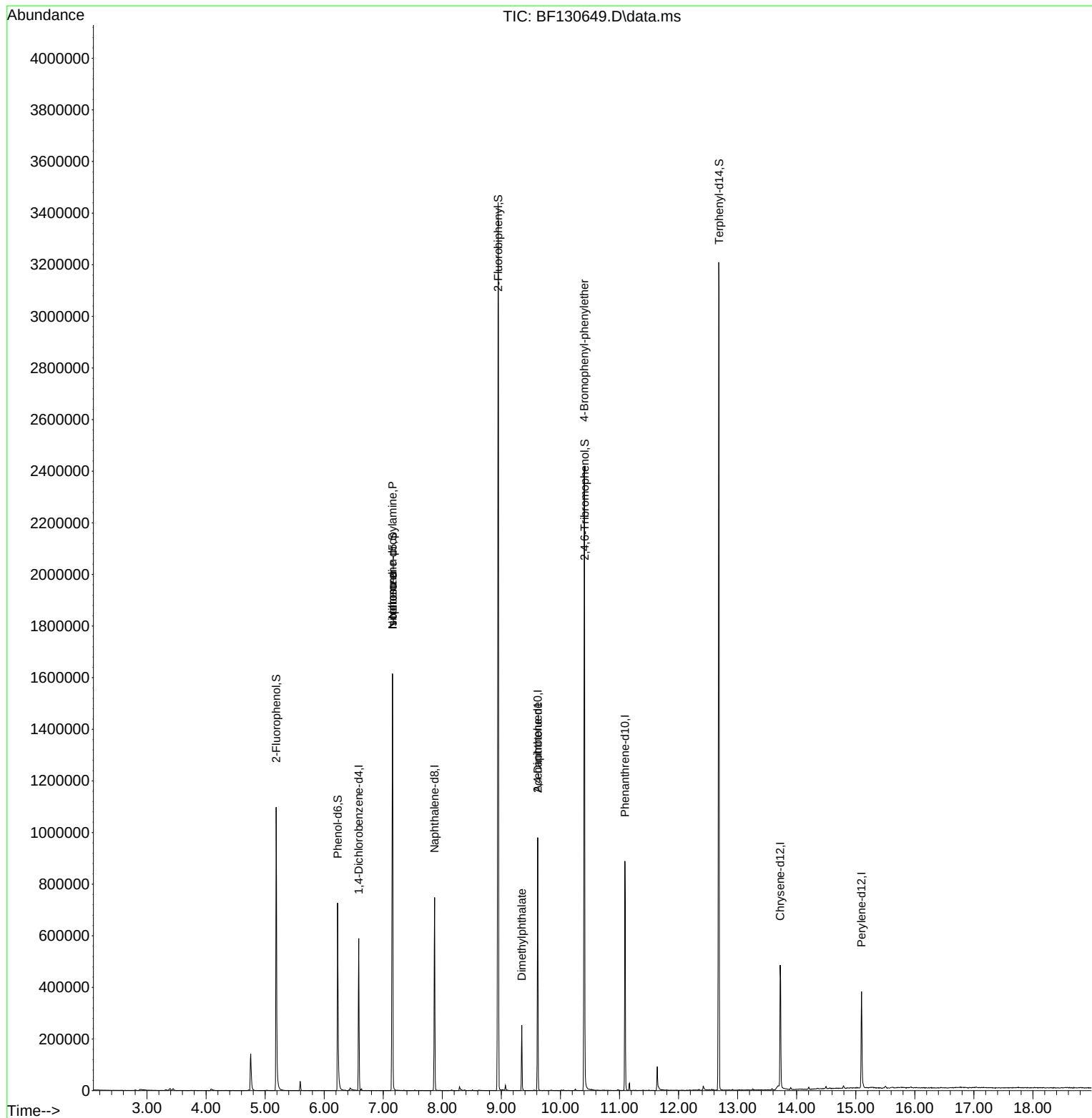
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	83067	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	323071	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	178255	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	312017	20.000	ng	0.00
76) Chrysene-d12	13.721	240	167595	20.000	ng	0.00
86) Perylene-d12	15.098	264	153563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	313516	68.033	ng	0.00
7) Phenol-d6	6.228	99	231501	39.956	ng	-0.01
23) Nitrobenzene-d5	7.157	82	584531	98.771	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	312301	179.050	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1193606	101.428	ng	0.00
79) Terphenyl-d14	12.686	244	1206778	119.510	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.157	70	78573	21.019	ng	# 76
25) Isophorone	7.157	82	584525	59.345	ng	# 64
50) Dimethylphthalate	9.345	163	91281	7.398	ng	99
57) 2,4-Dinitrotoluene	9.616	165	22137	6.364	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	18388	5.208	ng	# 1

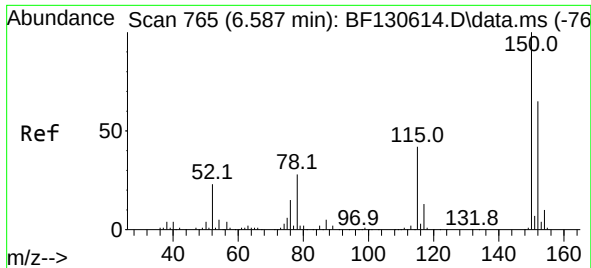
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

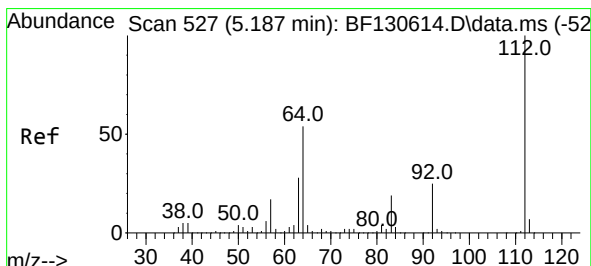
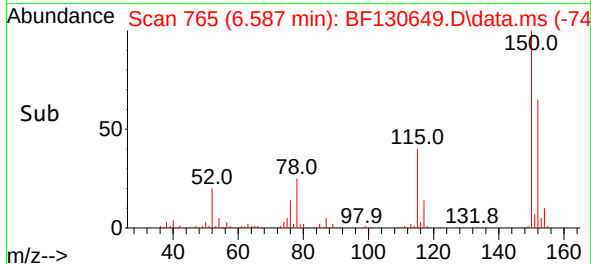
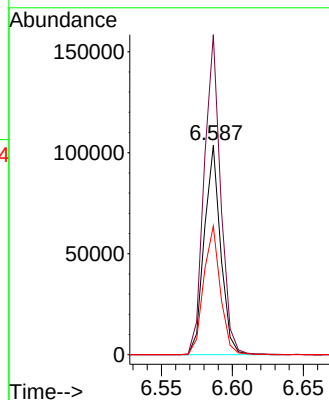
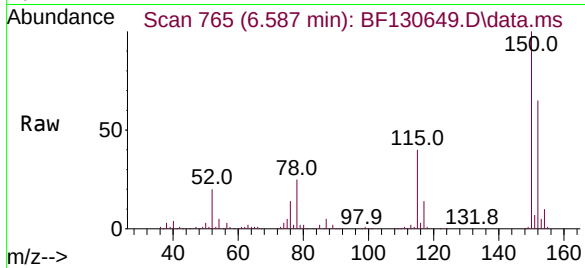




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

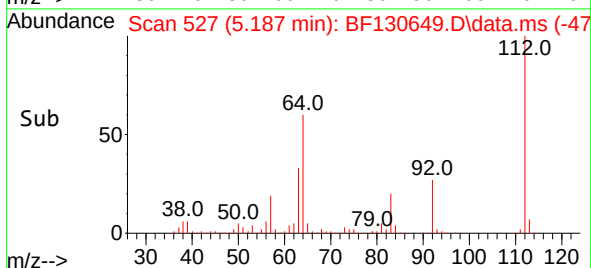
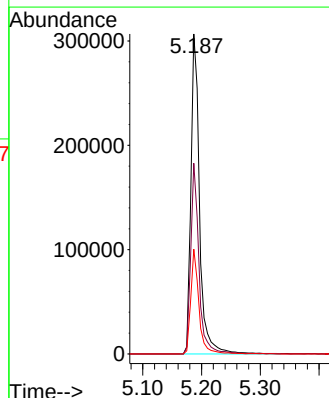
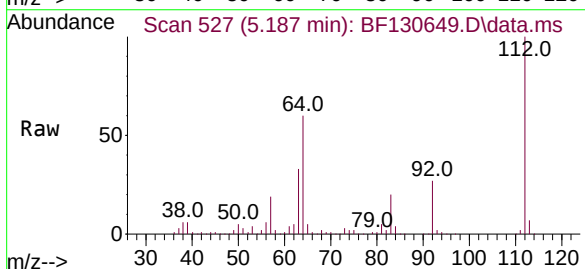
Instrument :
BNA_F
ClientSampleId :
265751-3

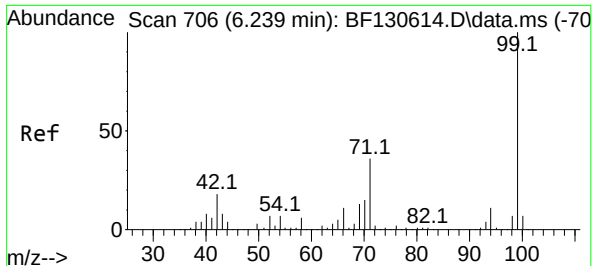
Tgt Ion:152 Resp: 83067
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 61.5 52.2 78.4



#5
2-Fluorophenol
Concen: 68.033 ng
RT: 5.187 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

Tgt Ion:112 Resp: 313516
Ion Ratio Lower Upper
112 100
64 59.6 43.5 65.3
63 32.8 22.6 34.0

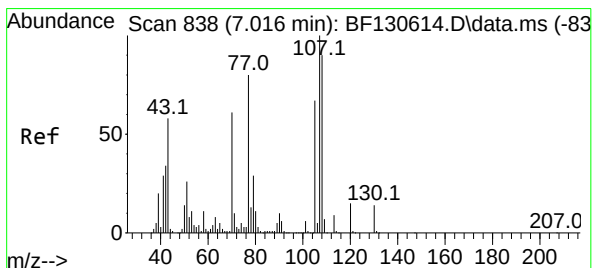
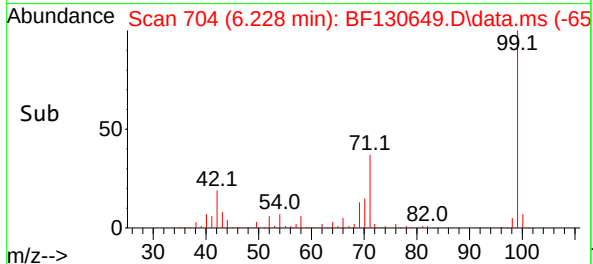
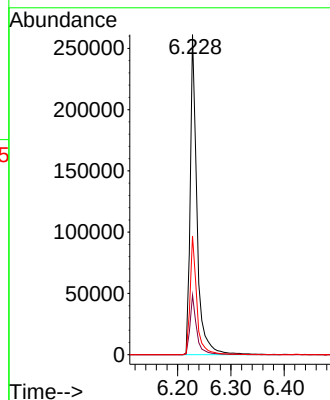
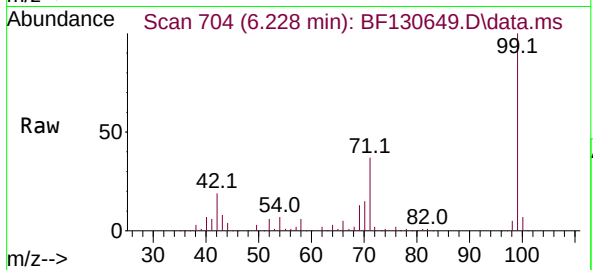




#7
Phenol-d6
Concen: 39.956 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

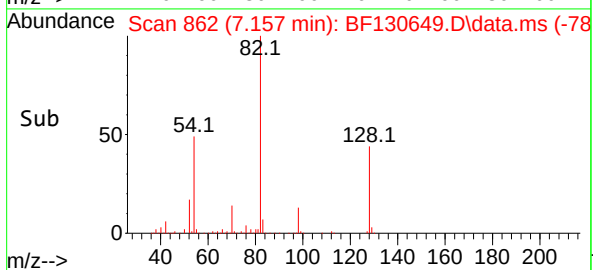
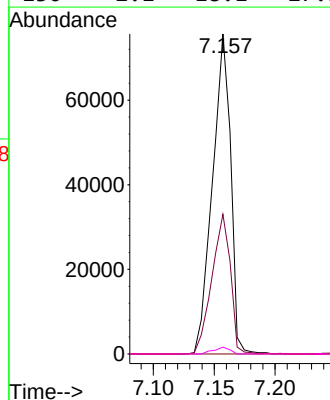
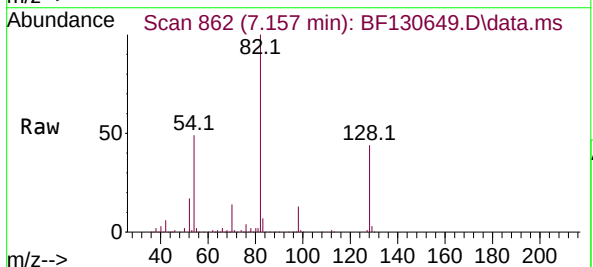
Instrument :
BNA_F
ClientSampleId :
265751-3

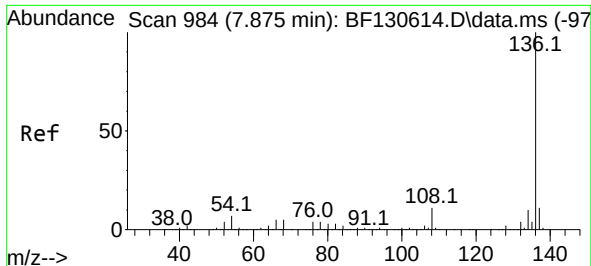
Tgt Ion: 99 Resp: 231501
Ion Ratio Lower Upper
99 100
42 18.6 14.0 21.0
71 37.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.019 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

Tgt Ion: 70 Resp: 78573
Ion Ratio Lower Upper
70 100
42 43.6 44.3 66.5#
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

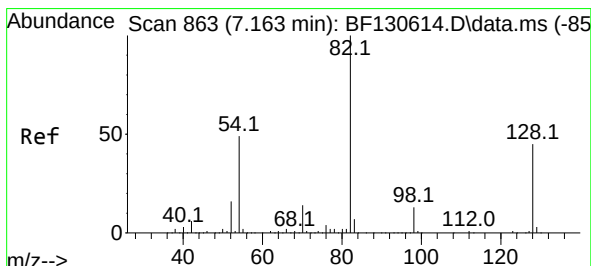
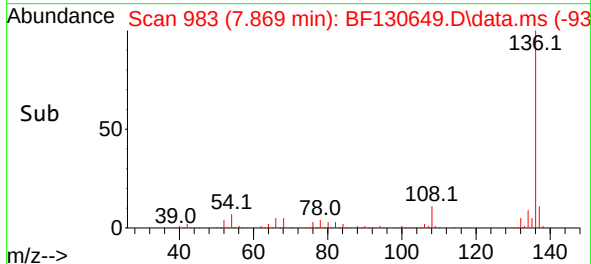
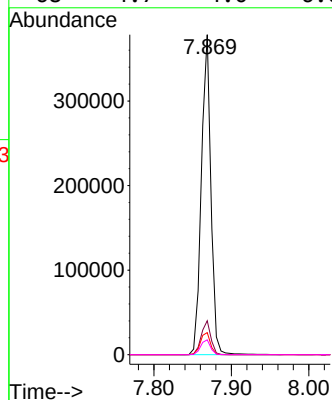
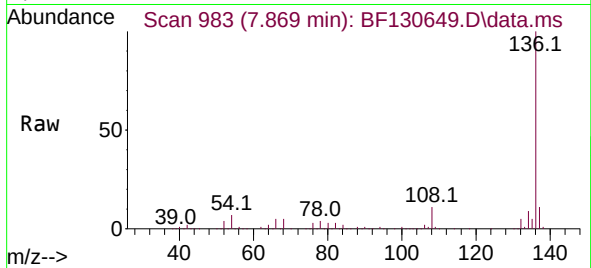




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

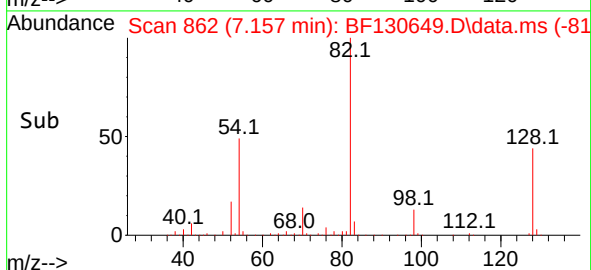
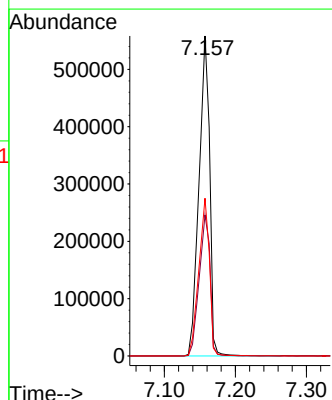
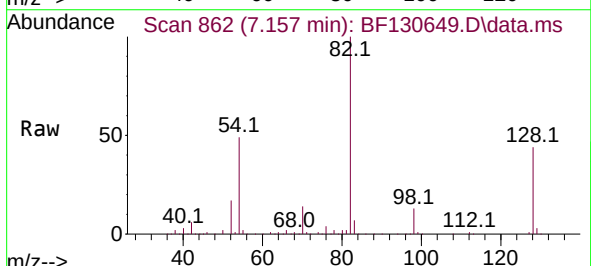
Instrument :
BNA_F
ClientSampleId :
265751-3

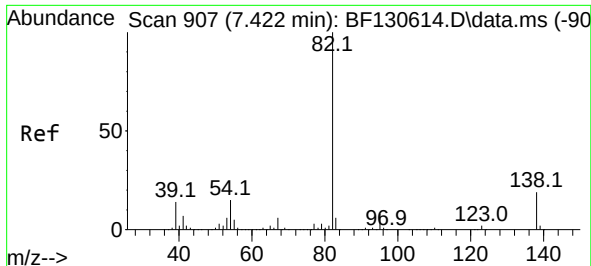
Tgt Ion:136 Resp: 323071
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.9 5.5 8.3
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 98.771 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

Tgt Ion: 82 Resp: 584531
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 49.3 39.3 58.9

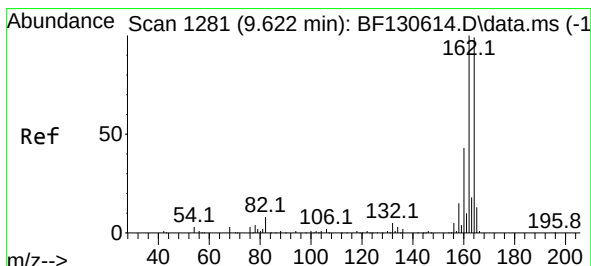
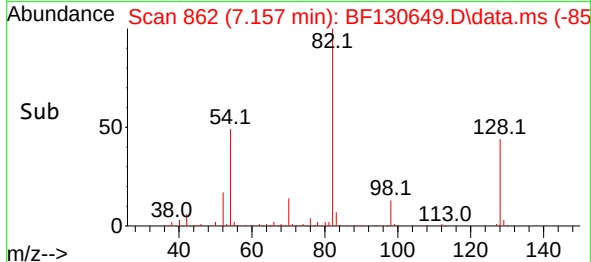
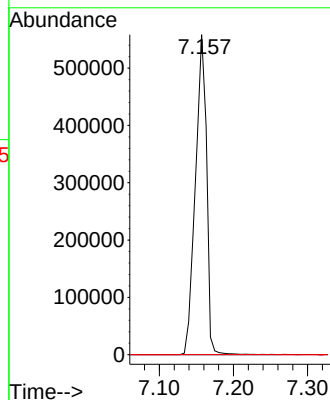
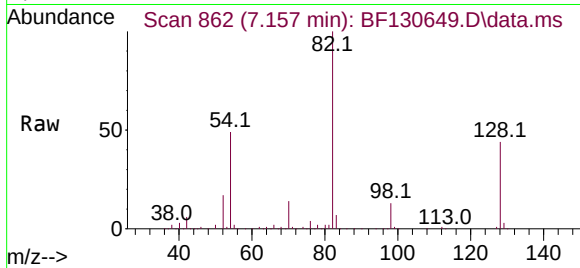




#25
Isophorone
Concen: 59.345 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

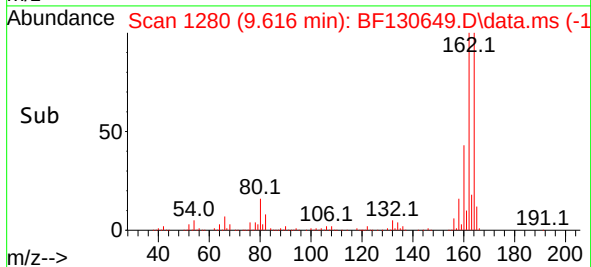
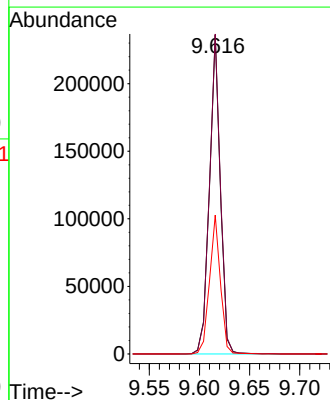
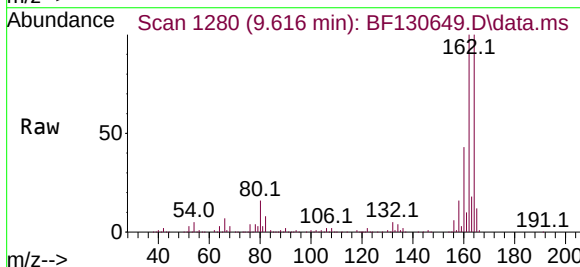
Instrument :
BNA_F
ClientSampleId :
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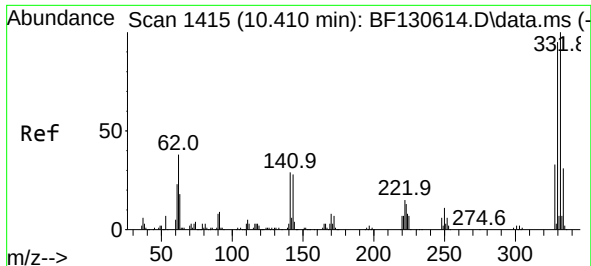
Tgt Ion: 82 Resp: 584525
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

Tgt Ion: 164 Resp: 178255
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 43.6 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 179.050 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130649.D

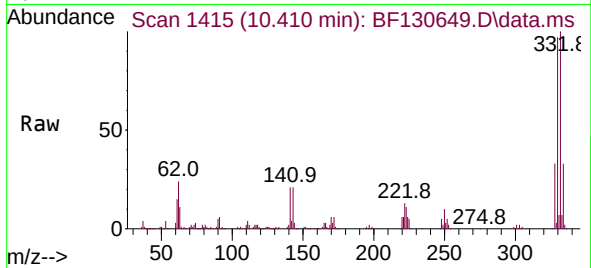
Acq: 13 Oct 2022 16:16

Instrument :

BNA_F

ClientSampleId :

265751-3



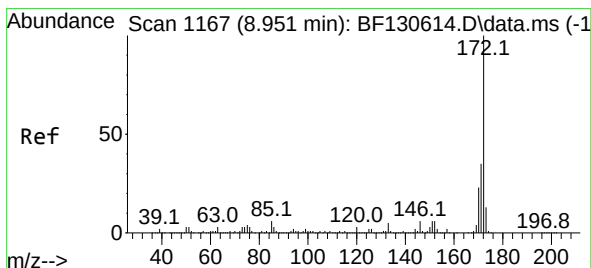
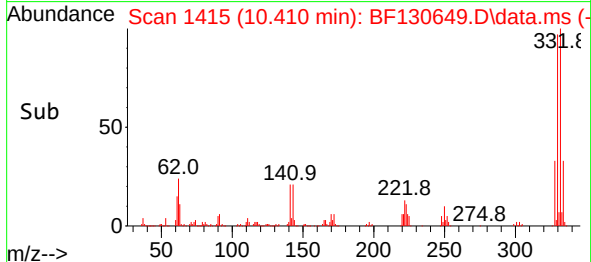
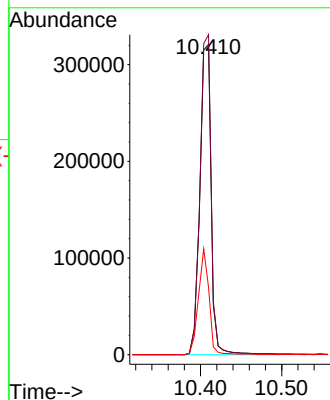
Tgt Ion:330 Resp: 312301

Ion Ratio Lower Upper

330 100

332 102.7 84.2 126.4

141 32.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 101.428 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130649.D

Acq: 13 Oct 2022 16:16

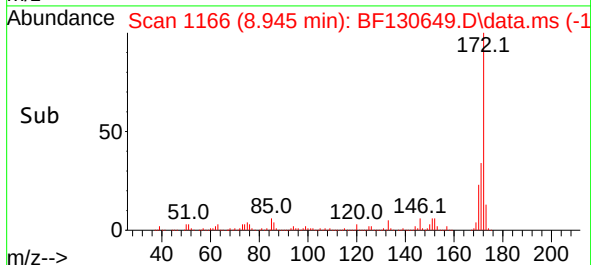
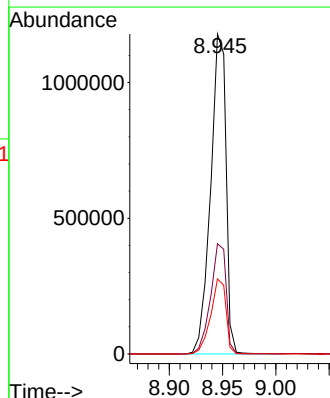
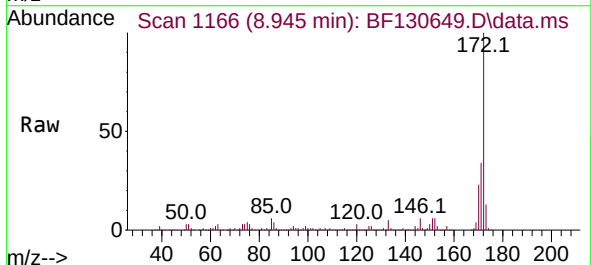
Tgt Ion:172 Resp: 1193606

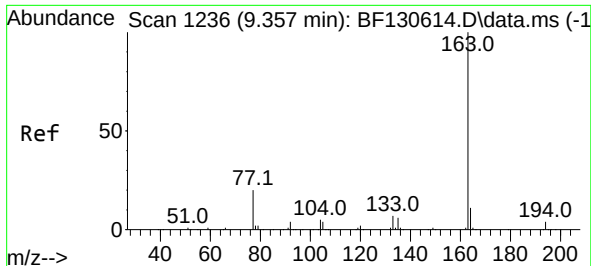
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

170 23.4 18.6 27.8

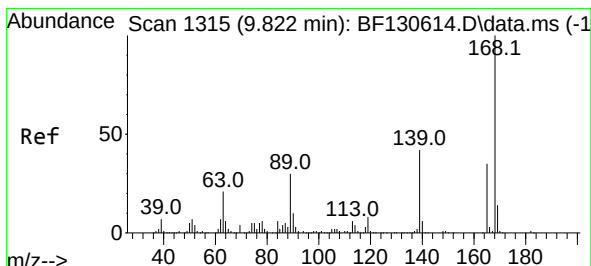
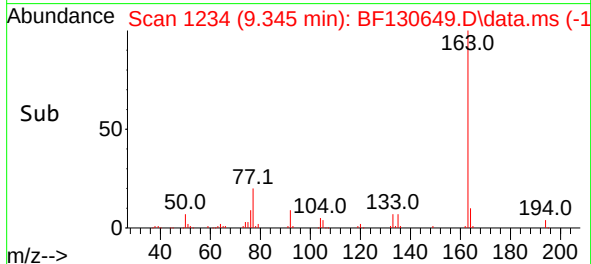
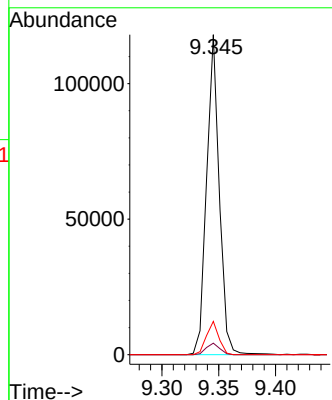
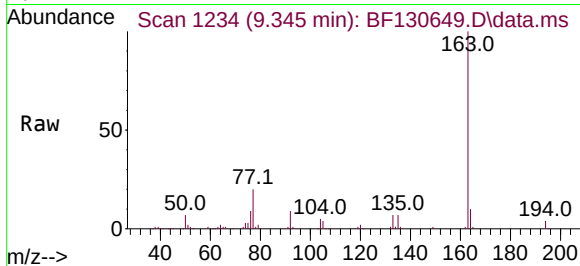




#50
Dimethylphthalate
Concen: 7.398 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

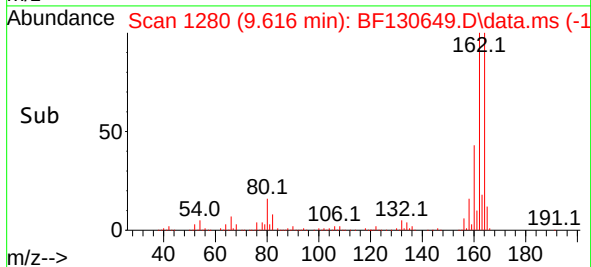
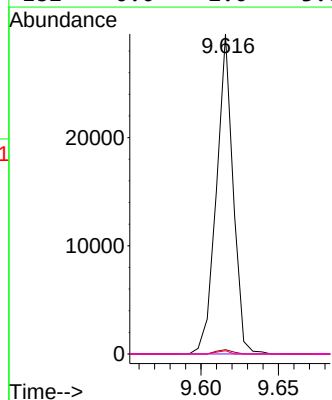
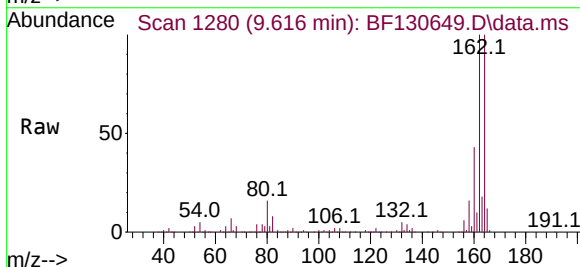
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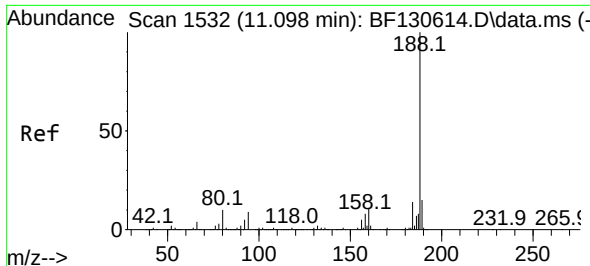
Tgt Ion:163 Resp: 91281
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.4 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

Tgt Ion:165 Resp: 22137
Ion Ratio Lower Upper
165 100
63 1.4 50.6 76.0#
89 1.0 68.6 102.8#
182 0.0 2.0 3.0#

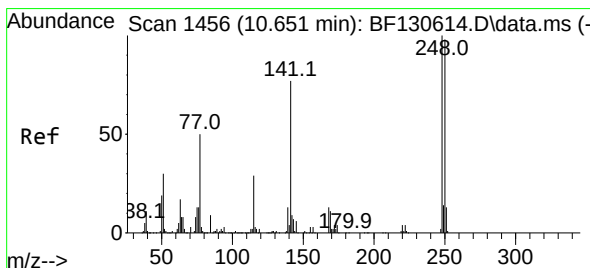
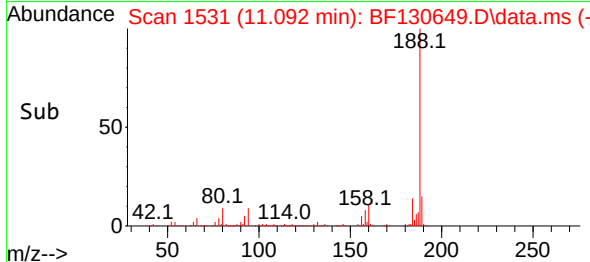
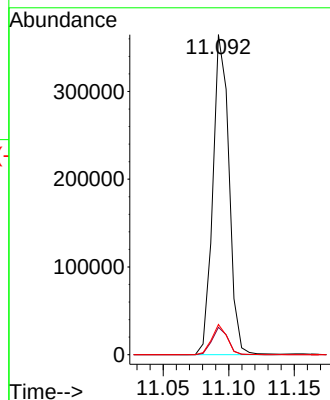
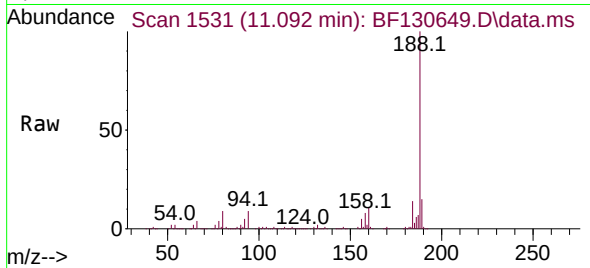




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

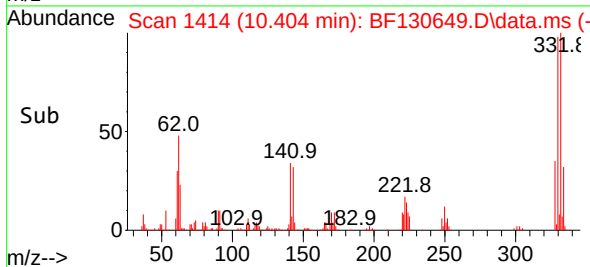
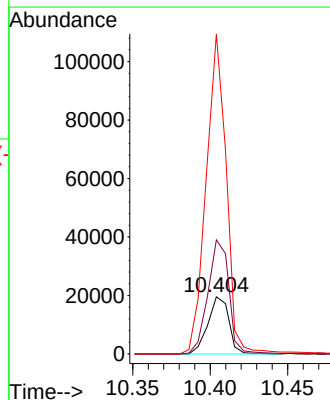
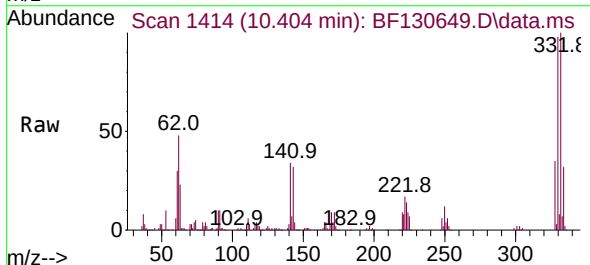
Instrument :
BNA_F
ClientSampleId :
265751-3

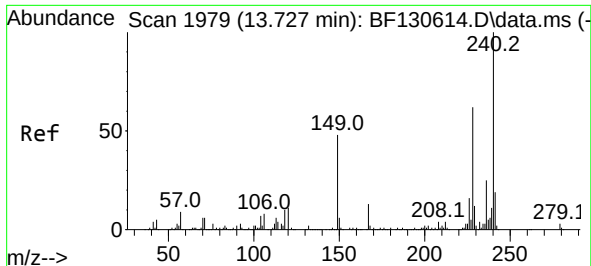
Tgt Ion:188 Resp: 312017
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.4 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.208 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.247 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

Tgt Ion:248 Resp: 18388
Ion Ratio Lower Upper
248 100
250 199.9 78.7 118.1#
141 560.9 61.6 92.4#

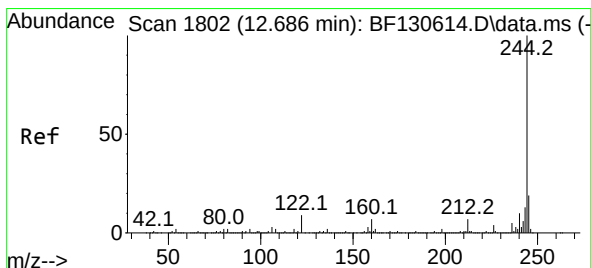
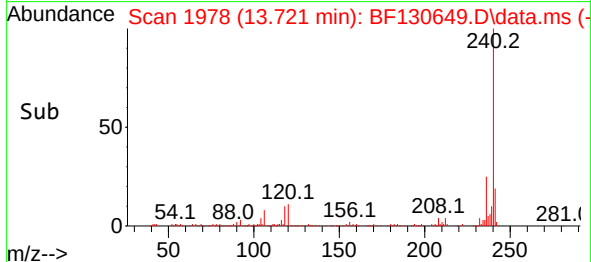
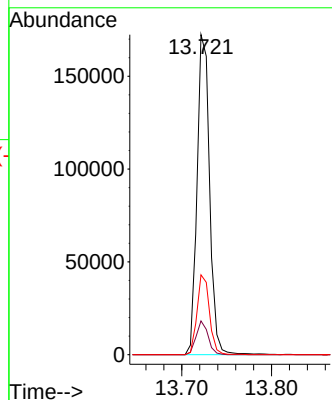
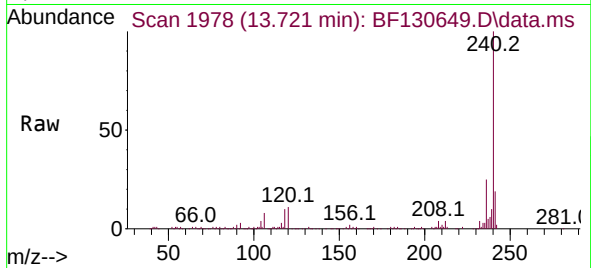




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

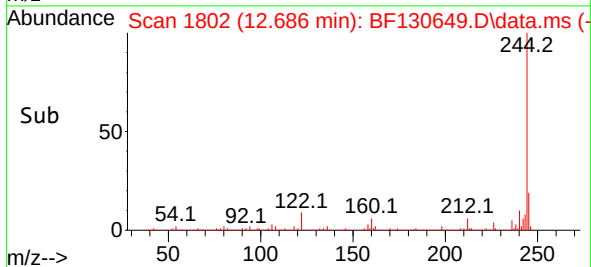
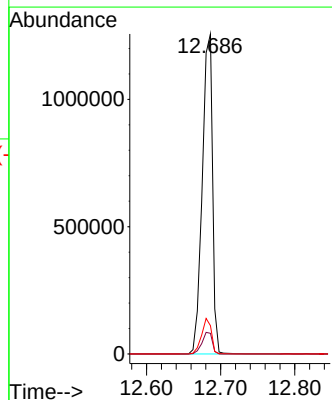
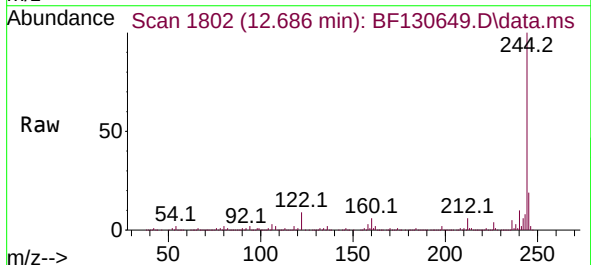
Instrument :
BNA_F
ClientSampleId :
265751-3

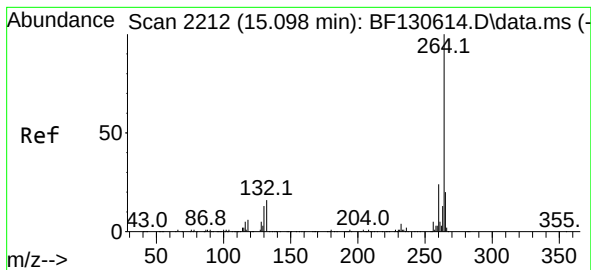
Tgt Ion:240 Resp: 167595
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.0 20.2 30.4



#79
Terphenyl-d14
Concen: 119.510 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF130649.D
Acq: 13 Oct 2022 16:16

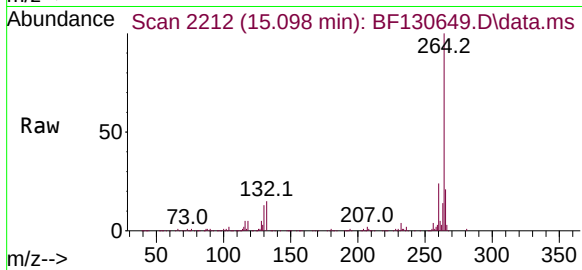
Tgt Ion:244 Resp: 1206778
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 8.8 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130649.D
 Acq: 13 Oct 2022 16:16

Instrument :
 BNA_F
 ClientSampleId :
 265751-3



Tgt Ion:264 Resp: 153563
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 20.7 16.4 24.6

