

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133271.D
 Acq On : 05 May 2023 19:17
 Operator : CG\JU
 Sample : 02618-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN003

Quant Time: May 06 05:50:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

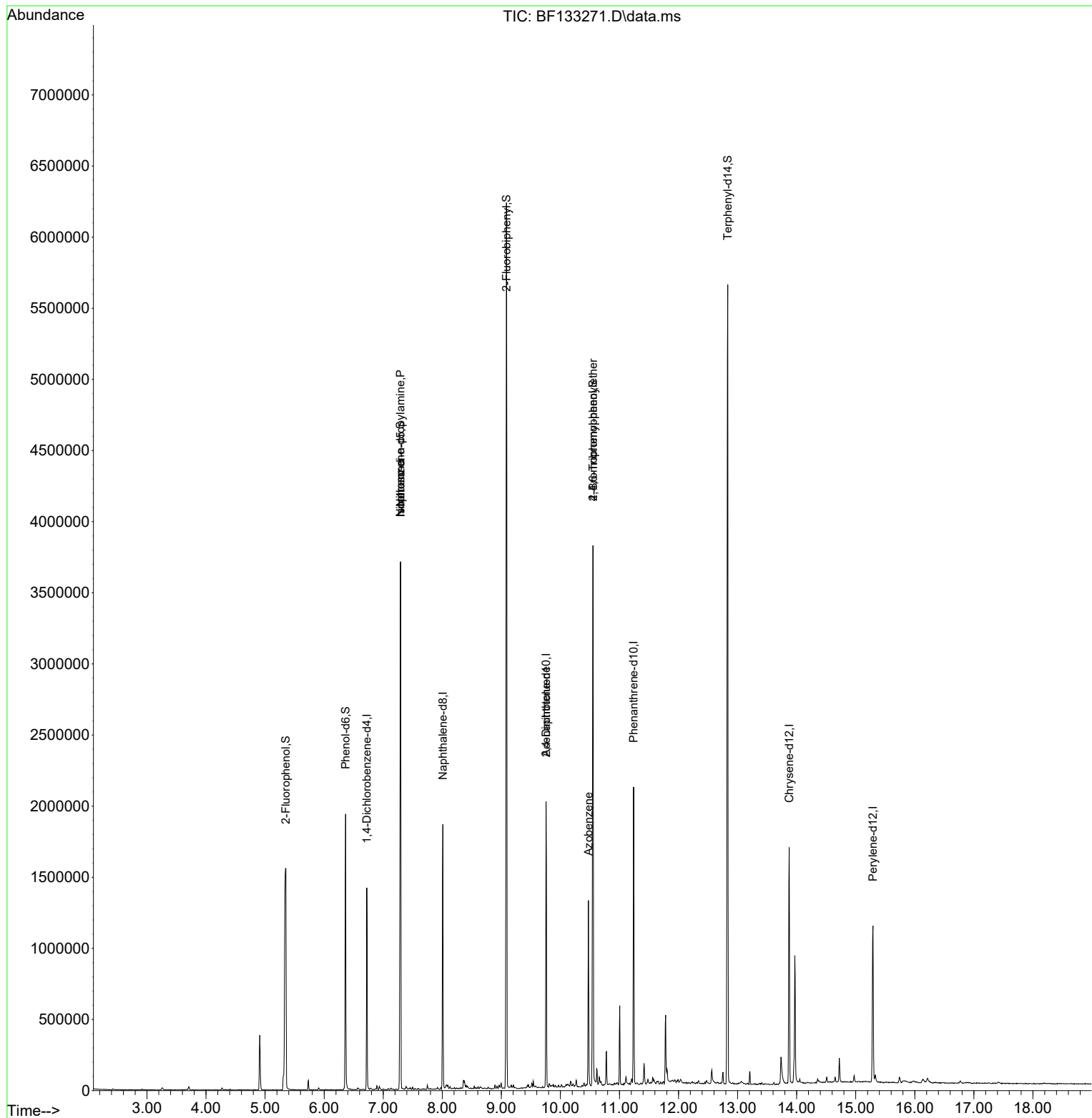
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	183955	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	741186	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	382123	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	705987	20.000	ng	0.00
76) Chrysene-d12	13.874	240	534319	20.000	ng	0.00
86) Perylene-d12	15.292	264	468638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	772952	63.474	ng	0.02
7) Phenol-d6	6.363	99	565082	37.386	ng	0.00
23) Nitrobenzene-d5	7.292	82	1241800	90.434	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	513484	133.616	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2035688	89.126	ng	0.00
79) Terphenyl-d14	12.833	244	2229767	71.972	ng	0.00
Target Compounds						
9) Benzaldehyde	6.269	77	793	Below Cal		Qvalue 93
19) n-Nitroso-di-n-propyla...	7.292	70	166089	17.651	ng	# 76
25) Isophorone	7.292	82	1241788	47.630	ng	# 63
57) 2,4-Dinitrotoluene	9.757	165	48841	6.386	ng	# 23
63) Azobenzene	10.475	77	198988	7.464	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	31810	4.154	ng	# 1

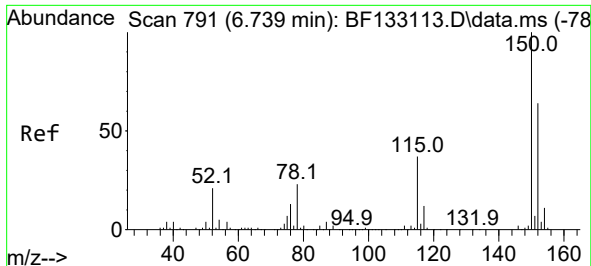
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 05 10:49:34 2023
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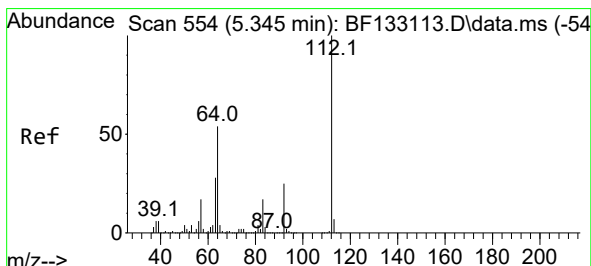
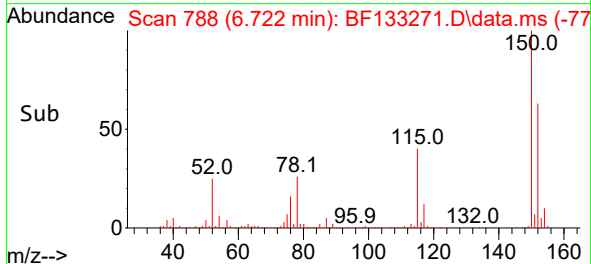
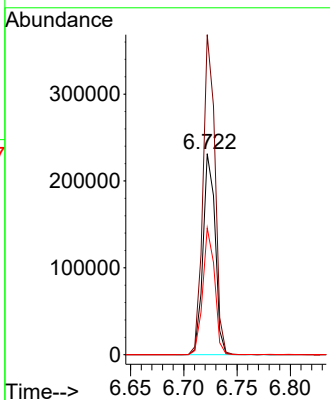
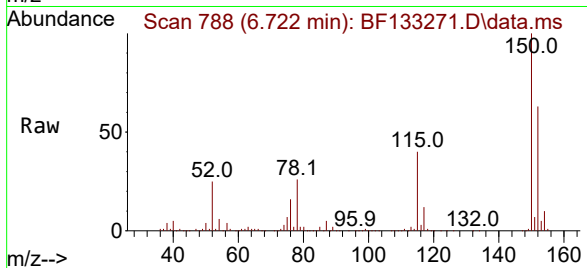




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

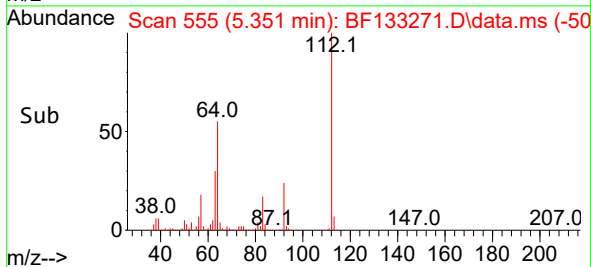
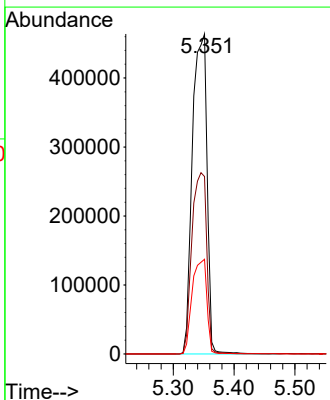
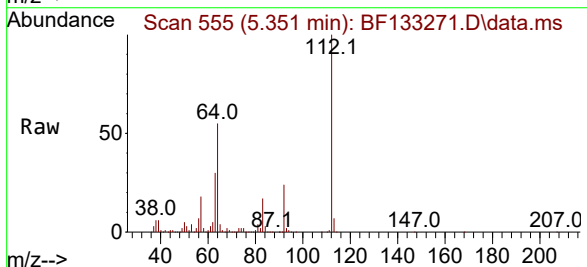
Instrument :
BNA_F
ClientSampleId :
DSN003

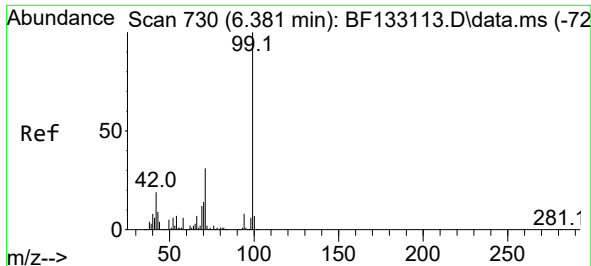
Tgt Ion:152 Resp: 183955
Ion Ratio Lower Upper
152 100
150 159.2 124.8 187.2
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 63.474 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion:112 Resp: 772952
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 29.6 23.8 35.8

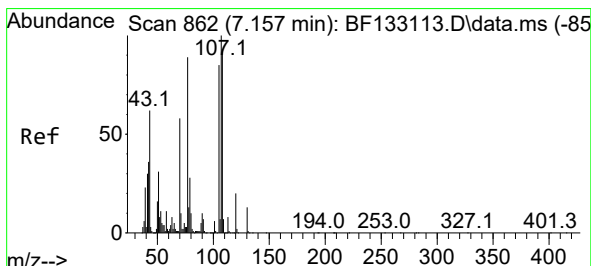
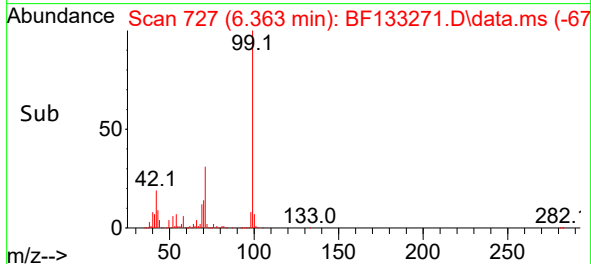
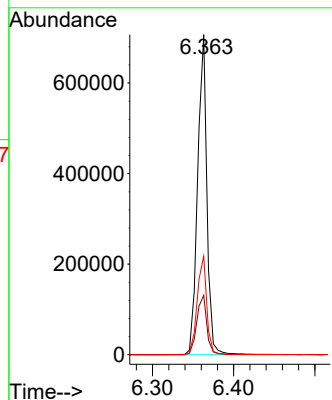
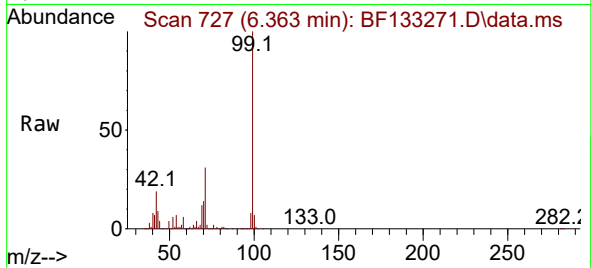




#7
Phenol-d6
Concen: 37.386 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

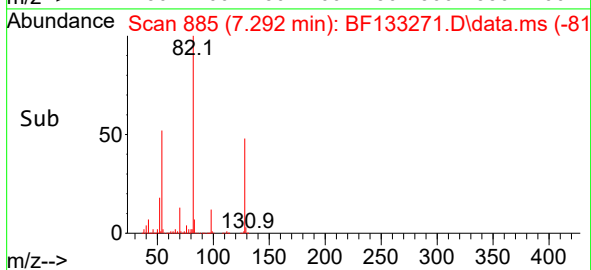
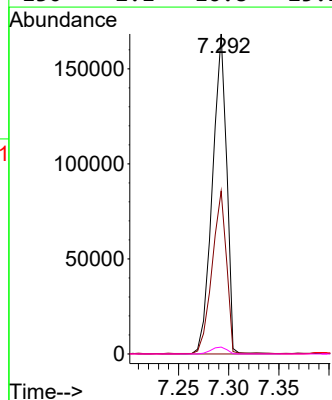
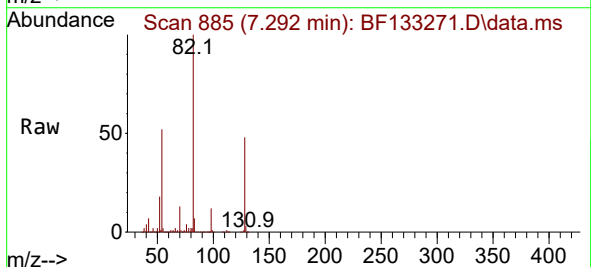
Instrument :
BNA_F
ClientSampleId :
DSN003

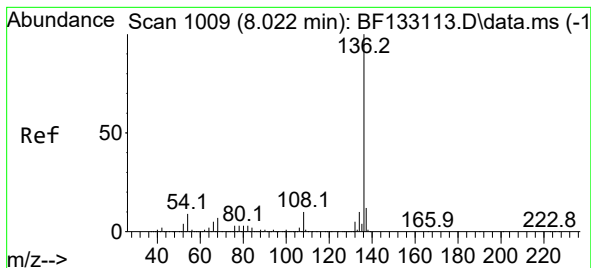
Tgt Ion: 99 Resp: 565082
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 30.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.651 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion: 70 Resp: 166089
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF133271.D

Acq: 05 May 2023 19:17

Instrument :

BNA_F

ClientSampleId :

DSN003

Tgt Ion:136 Resp: 741186

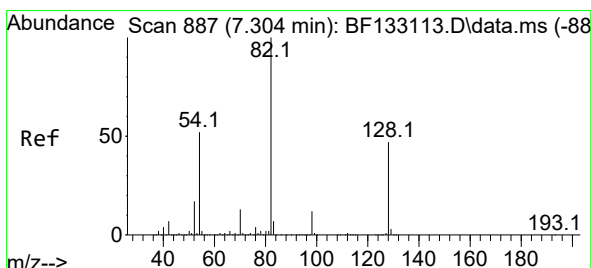
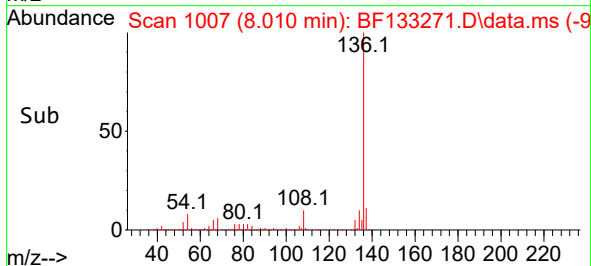
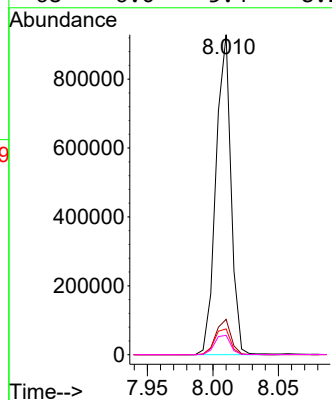
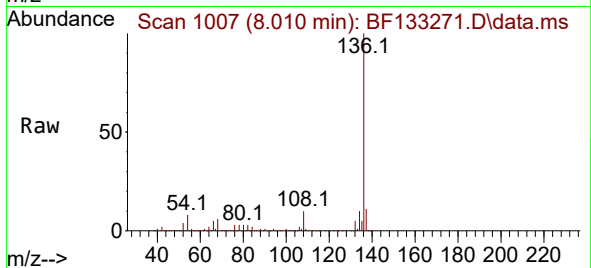
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.0 7.0 10.4

68 6.0 5.4 8.2



#23

Nitrobenzene-d5

Concen: 90.434 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133271.D

Acq: 05 May 2023 19:17

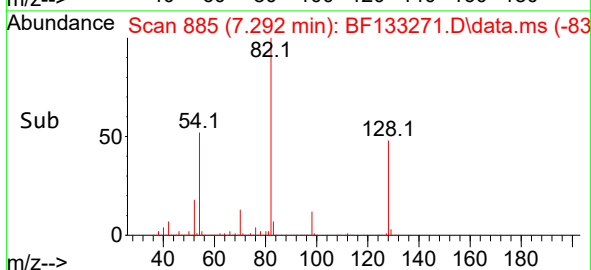
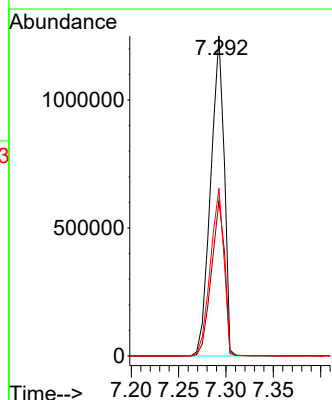
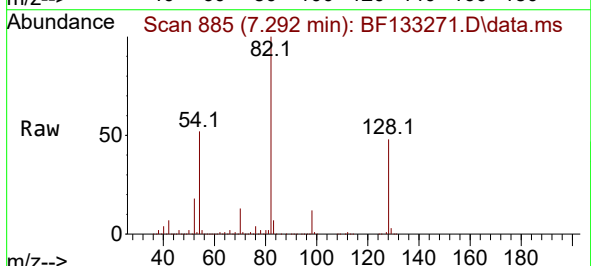
Tgt Ion: 82 Resp: 1241800

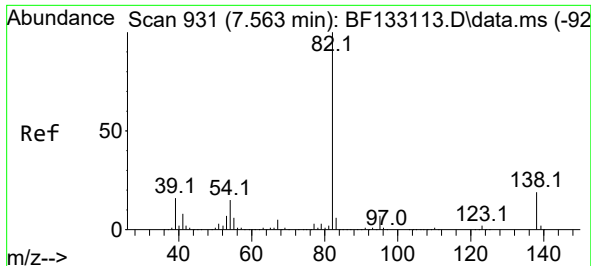
Ion Ratio Lower Upper

82 100

128 48.4 37.7 56.5

54 52.4 43.0 64.4

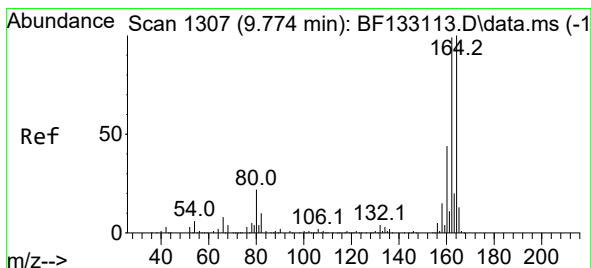
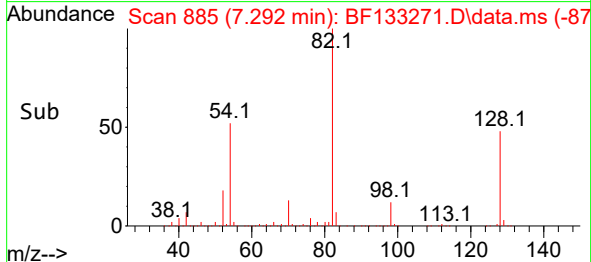
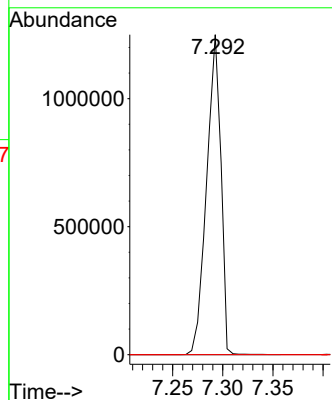
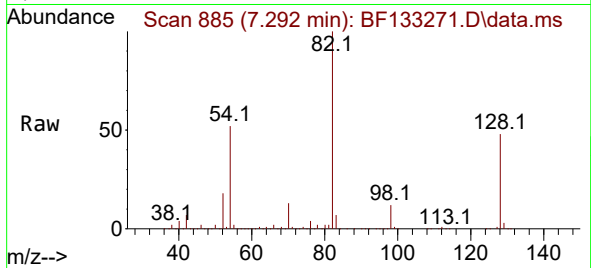




#25
Isophorone
Concen: 47.630 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

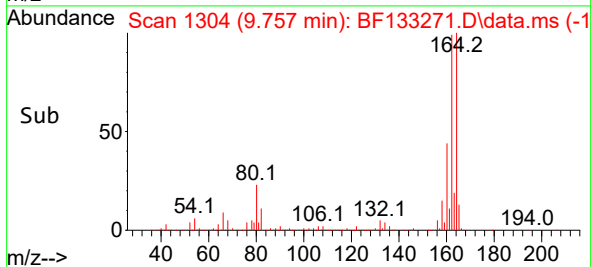
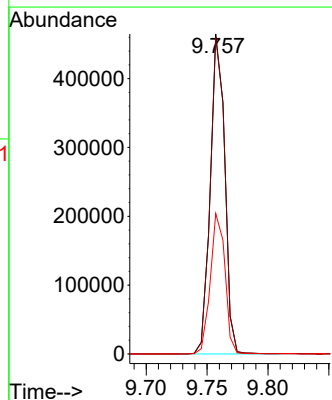
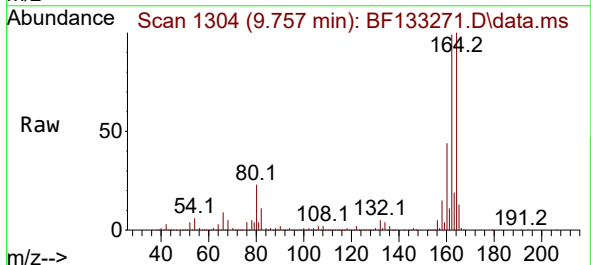
Instrument :
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ClientSampleId :
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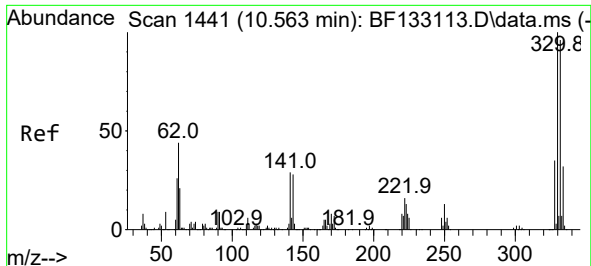
Tgt Ion: 82 Resp: 1241788
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion:164 Resp: 382123
Ion Ratio Lower Upper
164 100
162 99.1 78.7 118.1
160 43.9 35.8 53.6

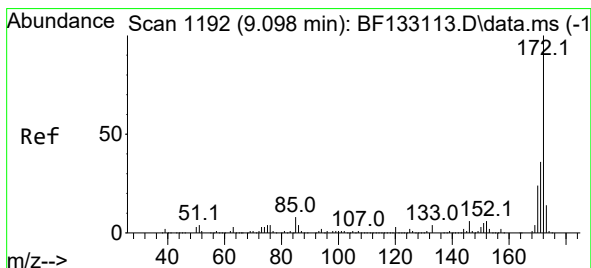
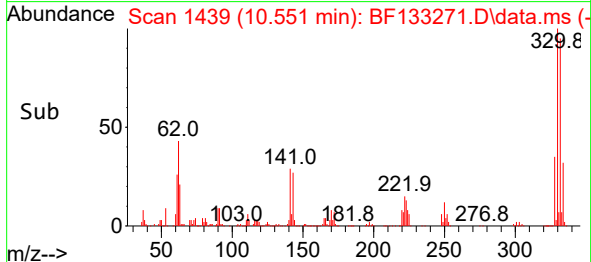
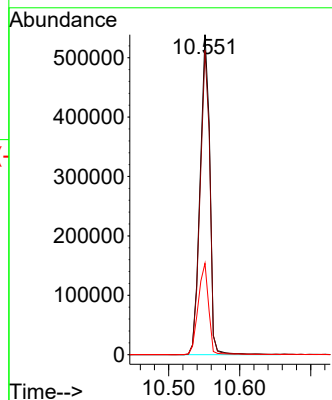
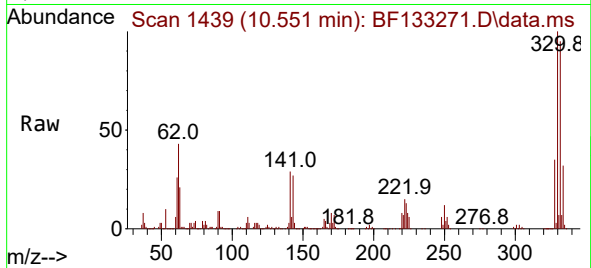




#42
2,4,6-Tribromophenol
Concen: 133.616 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

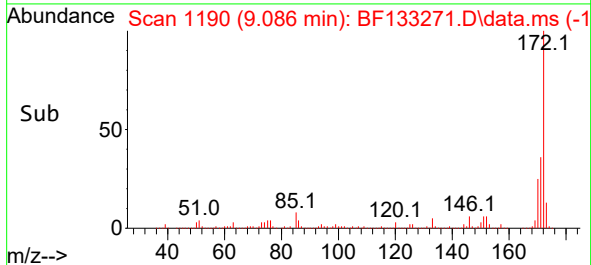
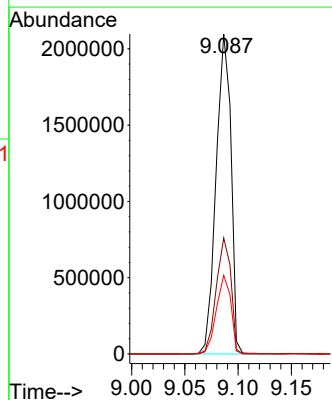
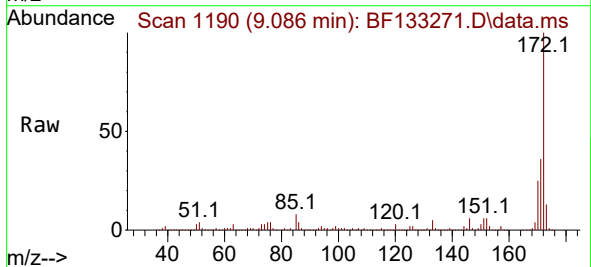
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ClientSampleId :
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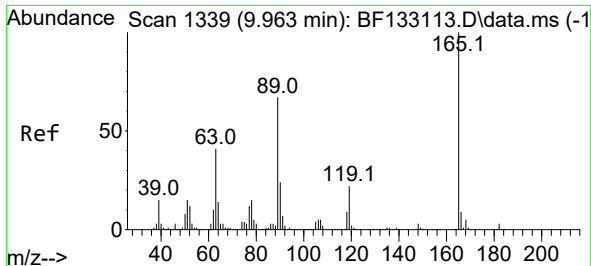
Tgt Ion:330 Resp: 513484
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 89.126 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion:172 Resp: 2035688
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.4 29.2

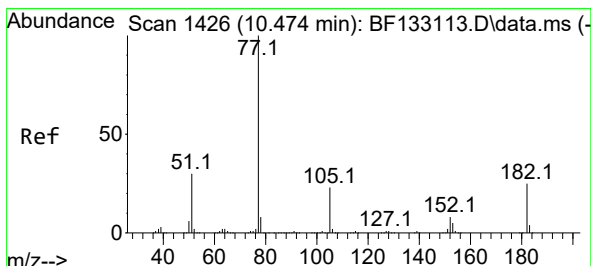
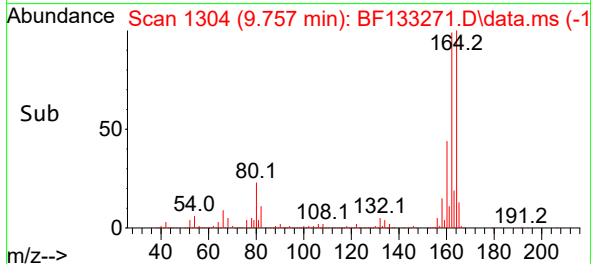
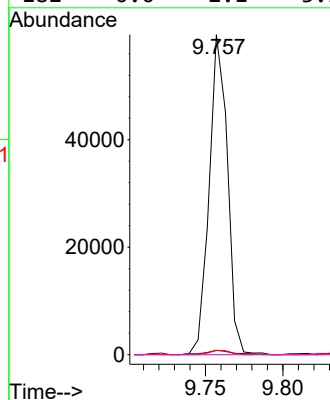
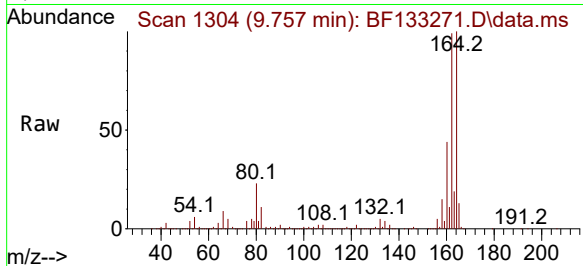




#57
2,4-Dinitrotoluene
Concen: 6.386 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

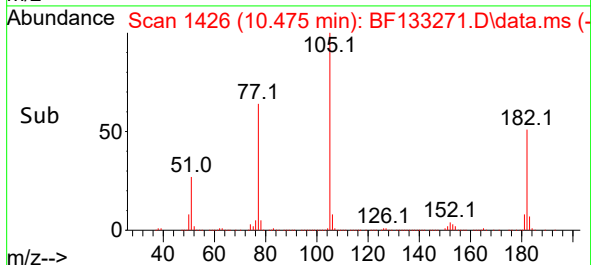
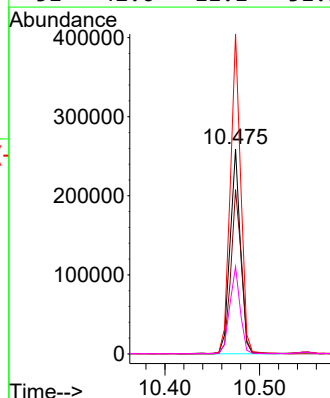
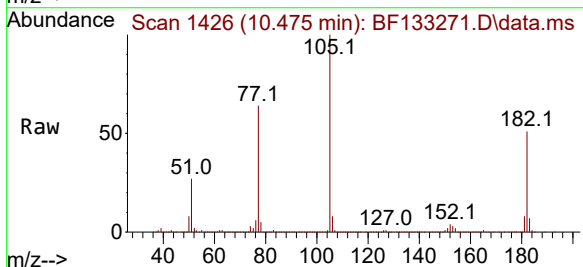
Instrument :
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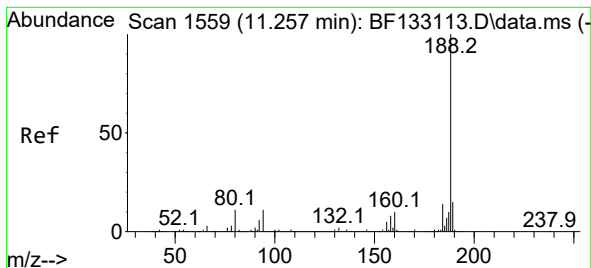
Tgt Ion:165 Resp: 48841
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.3 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 7.464 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion: 77 Resp: 198988
Ion Ratio Lower Upper
77 100
182 80.2 5.9 45.9#
105 156.1 2.3 42.3#
51 42.6 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133271.D

Acq: 05 May 2023 19:17

Instrument :

BNA_F

ClientSampleId :

DSN003

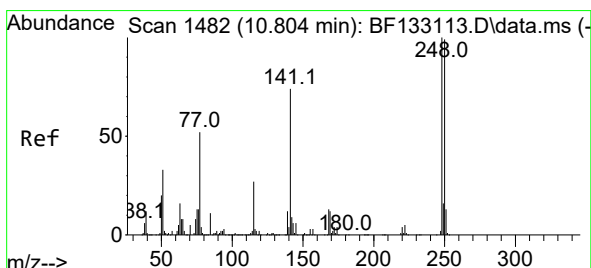
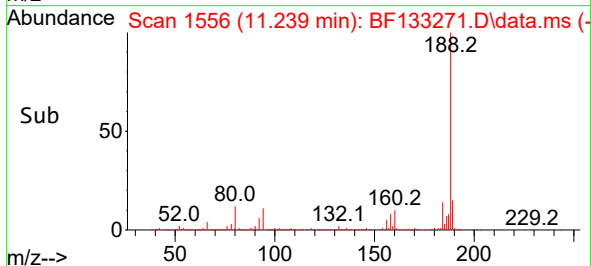
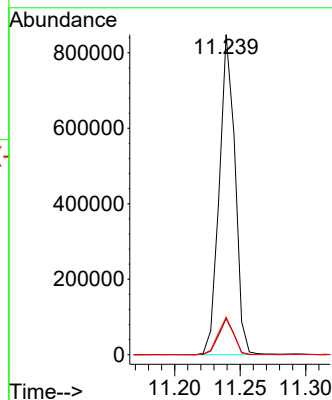
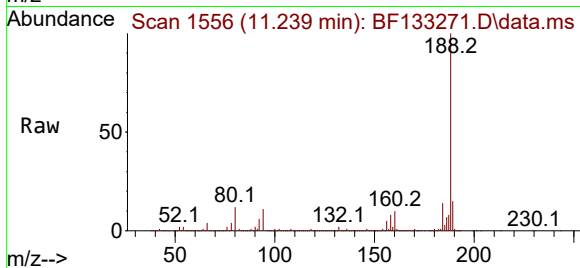
Tgt Ion:188 Resp: 705987

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.7 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 4.154 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.241 min

Lab File: BF133271.D

Acq: 05 May 2023 19:17

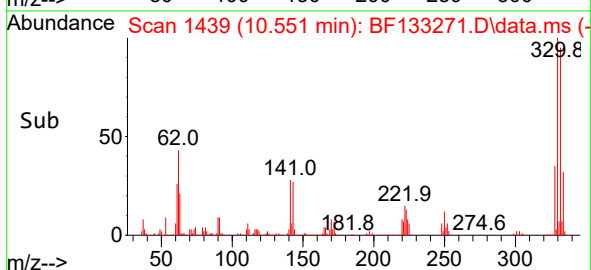
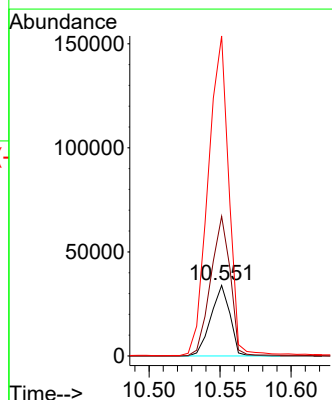
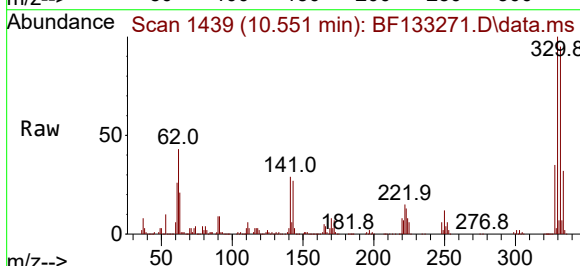
Tgt Ion:248 Resp: 31810

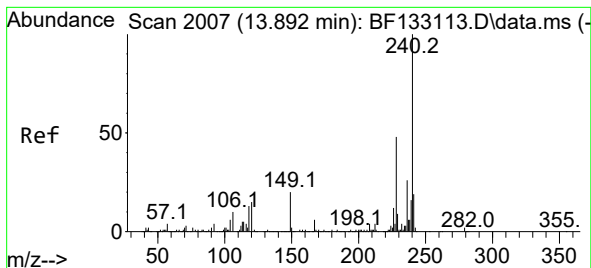
Ion Ratio Lower Upper

248 100

250 197.9 78.7 118.1#

141 453.3 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133271.D

Acq: 05 May 2023 19:17

Instrument :

BNA_F

ClientSampleId :

DSN003

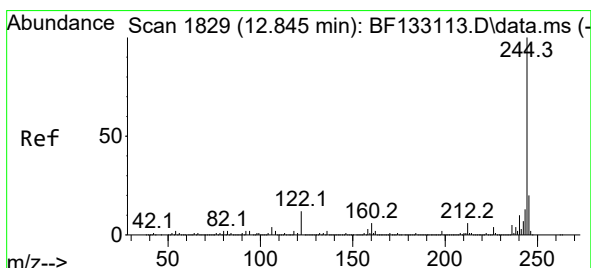
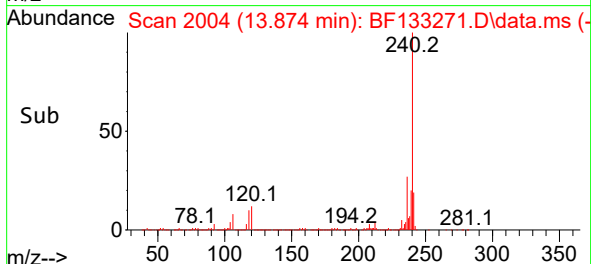
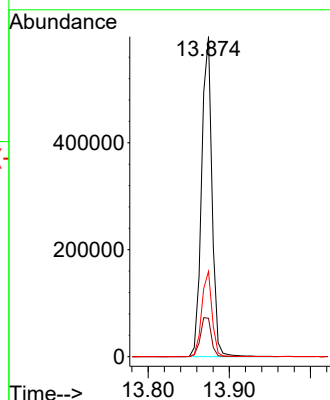
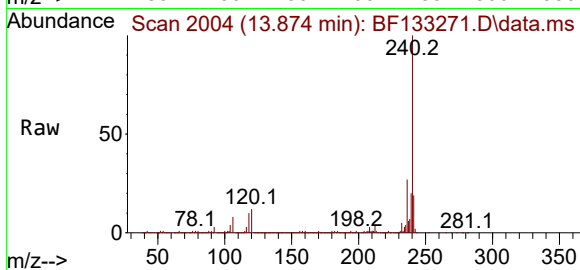
Tgt Ion:240 Resp: 534319

Ion Ratio Lower Upper

240 100

120 12.0 10.5 15.7

236 26.7 21.5 32.3



#79

Terphenyl-d14

Concen: 71.972 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF133271.D

Acq: 05 May 2023 19:17

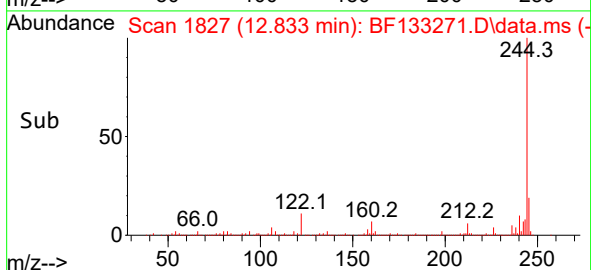
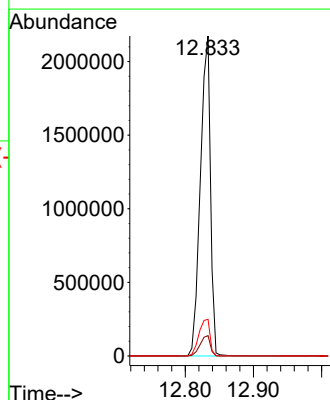
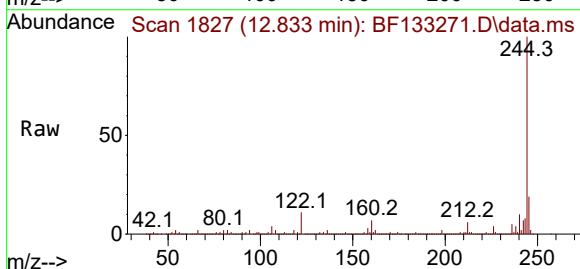
Tgt Ion:244 Resp: 2229767

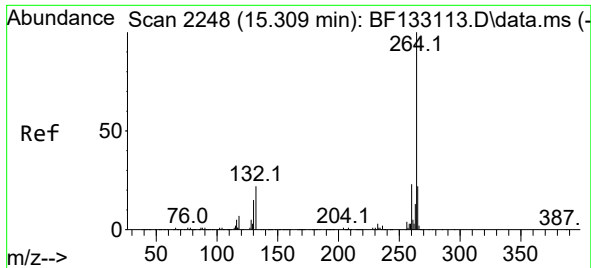
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

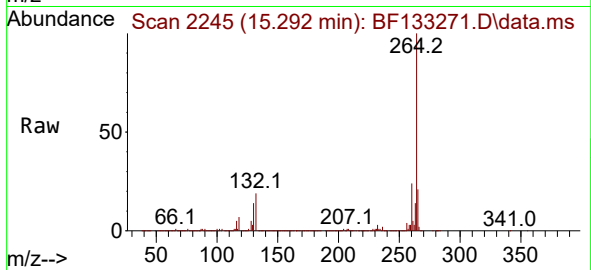
122 11.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF133271.D
 Acq: 05 May 2023 19:17

Instrument :
 BNA_F
 ClientSampleId :
 DSN003



Tgt Ion:264 Resp: 468638
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 20.8 17.0 25.4

