

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133171.D
 Acq On : 01 May 2023 23:19
 Operator : CG\JU
 Sample : 02557-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042823-B

Quant Time: May 02 05:24:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

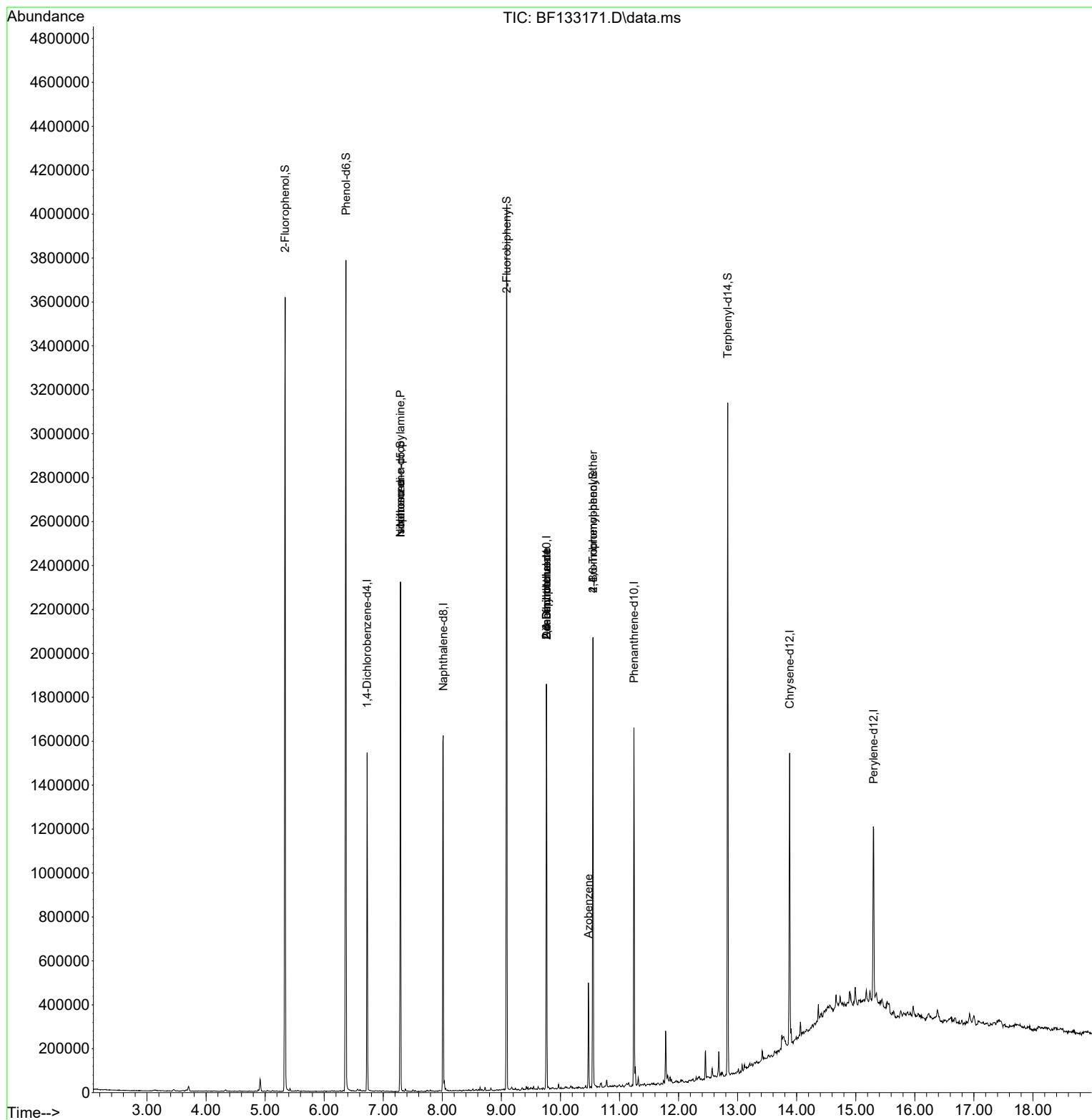
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	199272	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	714565	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	355010	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	555856	20.000	ng	0.00
76) Chrysene-d12	13.880	240	379865	20.000	ng	-0.01
86) Perylene-d12	15.304	264	368574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1021148	77.410	ng	0.00
7) Phenol-d6	6.369	99	1239119	75.679	ng	0.00
23) Nitrobenzene-d5	7.292	82	640933	48.415	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	235259	65.893	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1228028	57.871	ng	0.00
79) Terphenyl-d14	12.833	244	1026361	46.599	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.275	77	519	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.292	70	84193	8.260	ng	# 76
25) Isophorone	7.292	82	638928	25.420	ng	# 63
50) Dimethylphthalate	9.763	163	67233	2.716	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	45259	8.123	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	45259	6.370	ng	# 23
63) Azobenzene	10.475	77	71097	2.870	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	15520	2.574	ng	# 1

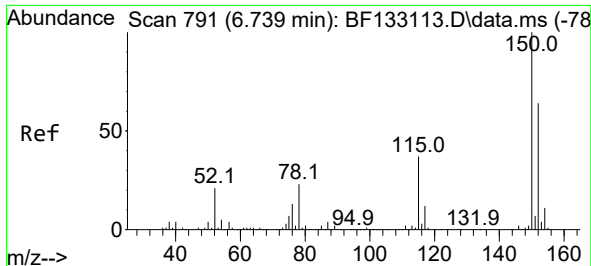
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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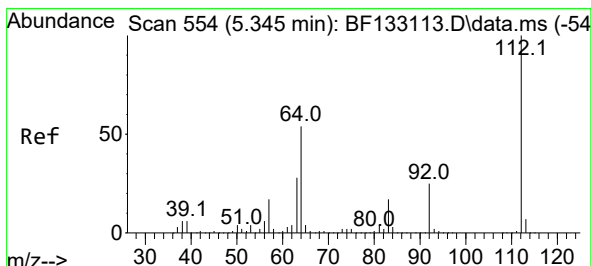
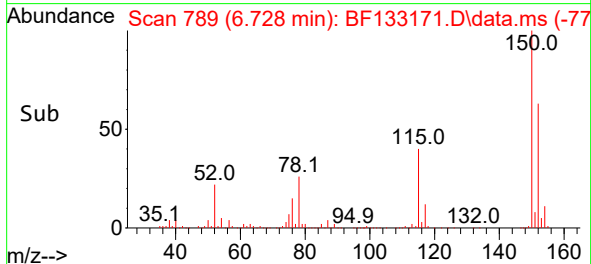
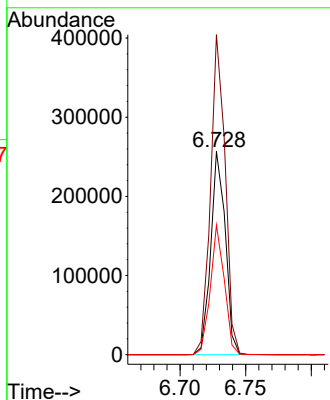
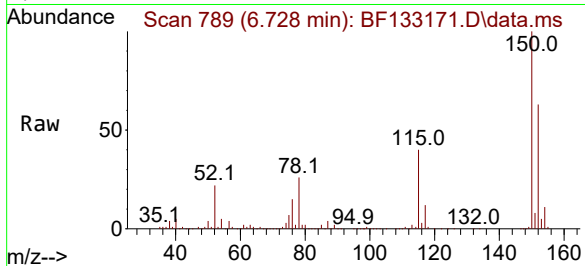




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

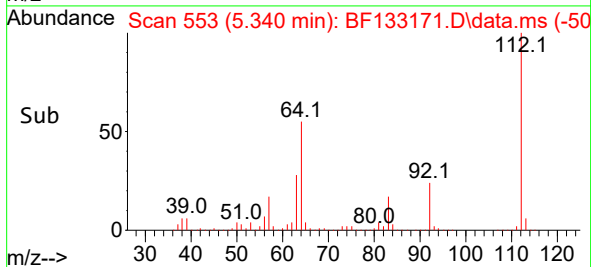
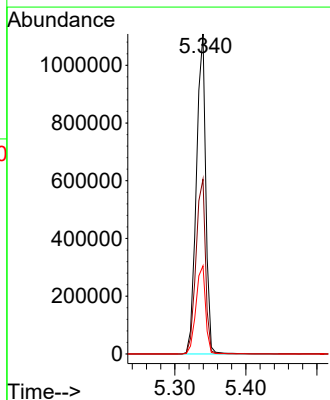
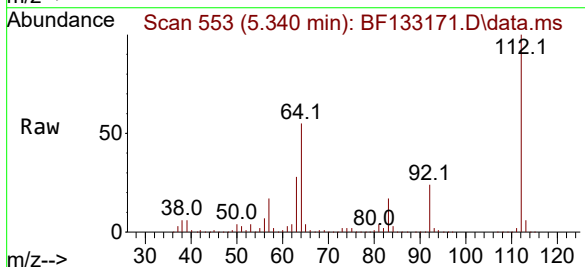
Instrument :
BNA_F
ClientSampleId :
JC-03-042823-B

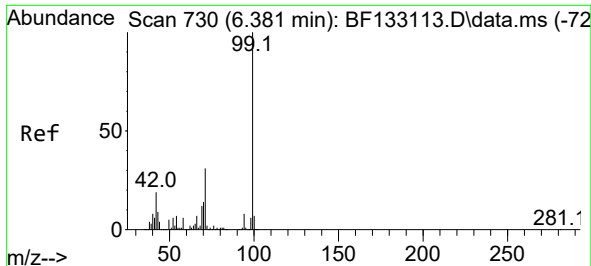
Tgt Ion:152 Resp: 199272
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 77.410 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion:112 Resp: 1021148
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 27.5 23.8 35.8

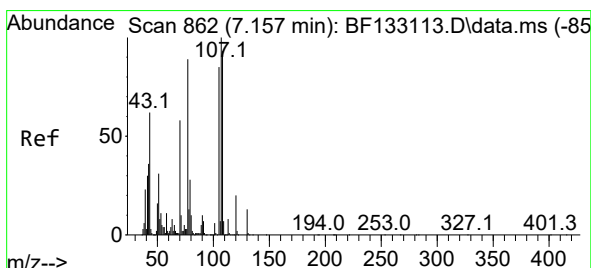
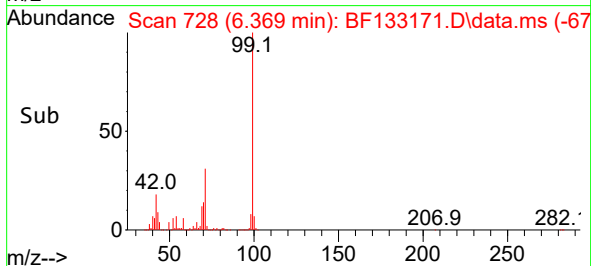
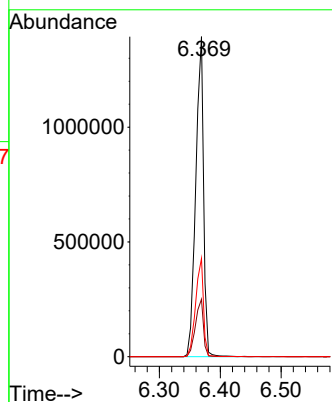
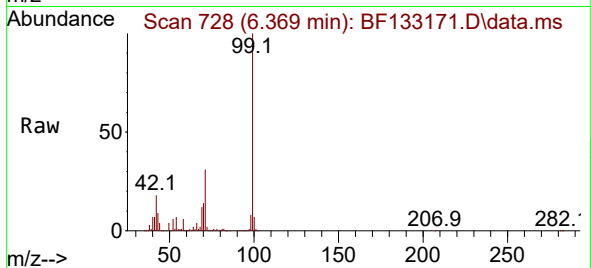




#7
Phenol-d6
Concen: 75.679 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

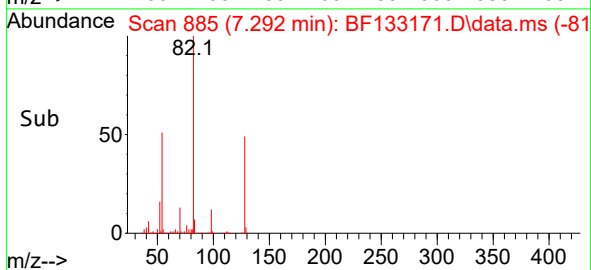
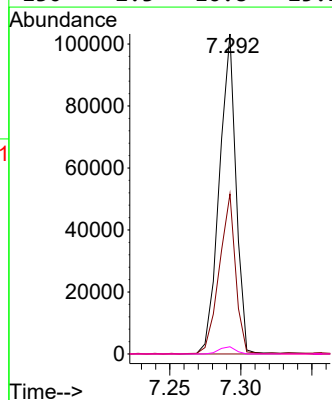
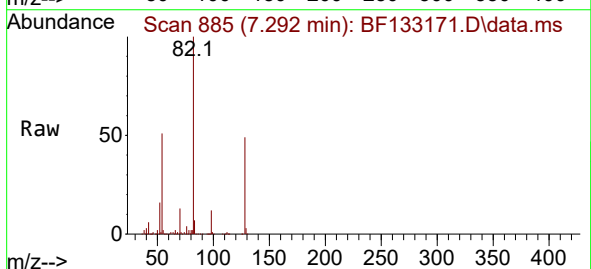
Instrument :
BNA_F
ClientSampleId :
JC-03-042823-B

Tgt Ion: 99 Resp: 1239119
Ion Ratio Lower Upper
99 100
42 18.0 16.3 24.5
71 30.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.260 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion: 70 Resp: 84193
Ion Ratio Lower Upper
70 100
42 50.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

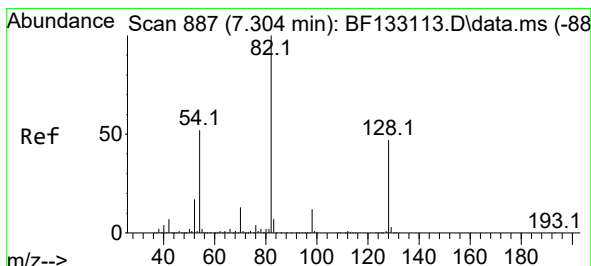
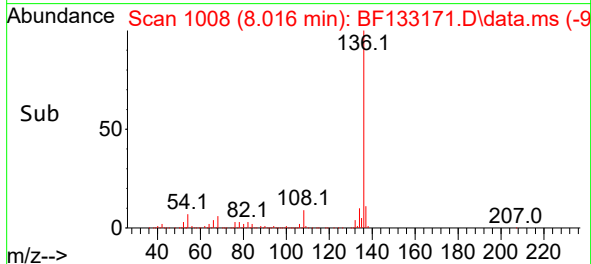
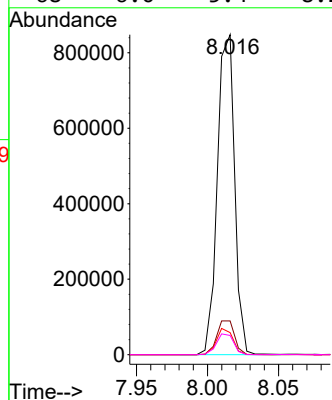
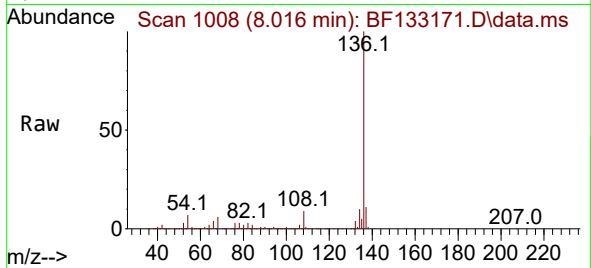




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

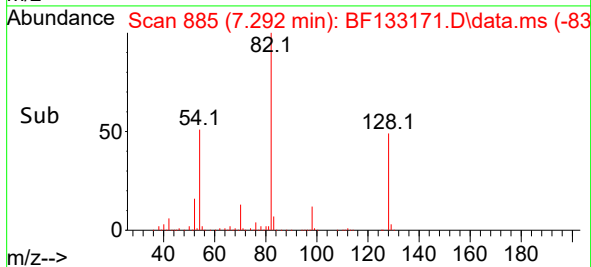
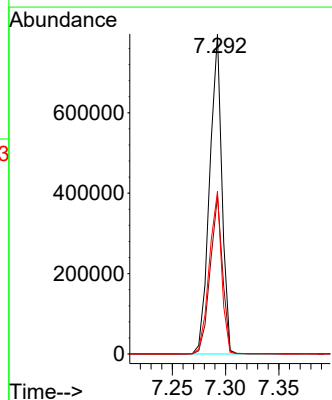
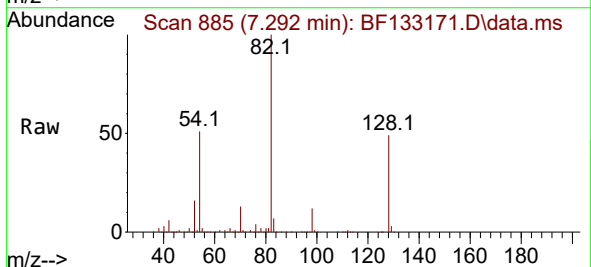
Instrument :
BNA_F
ClientSampleId :
JC-03-042823-B

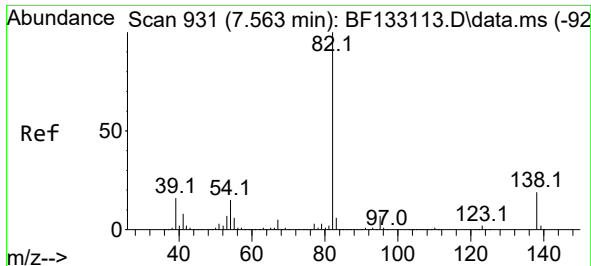
Tgt Ion:136 Resp: 714565
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.9 7.0 10.4#
68 6.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 48.415 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion: 82 Resp: 640933
Ion Ratio Lower Upper
82 100
128 49.4 37.7 56.5
54 50.8 43.0 64.4

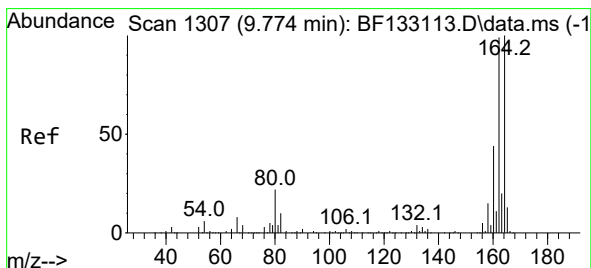
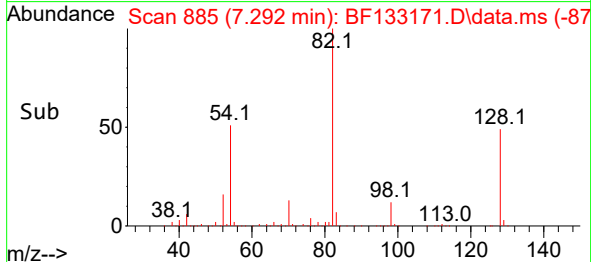
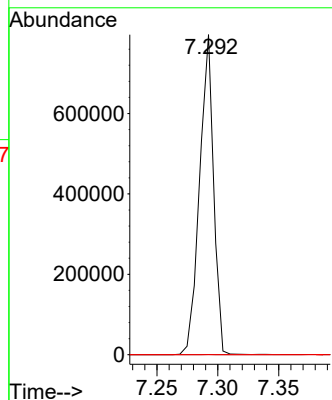
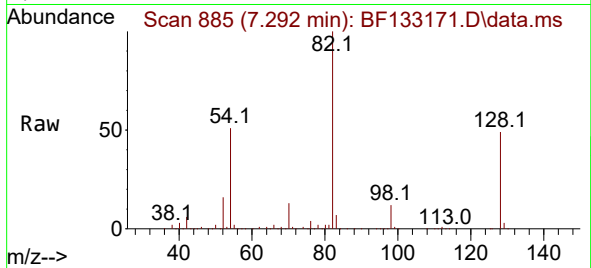




#25
Isophorone
Concen: 25.420 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

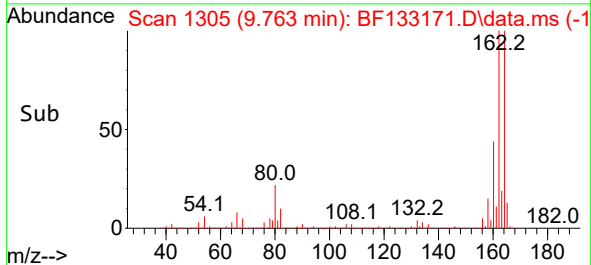
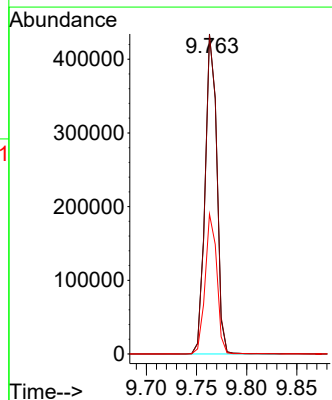
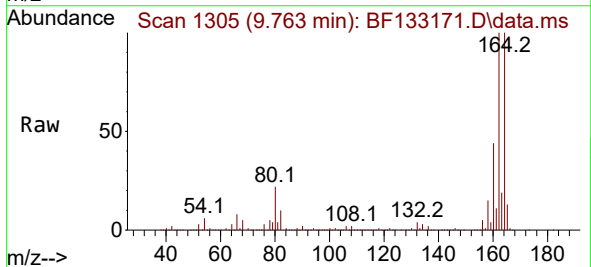
Instrument :
BNA_F
ClientSampleId :
JC-03-042823-B

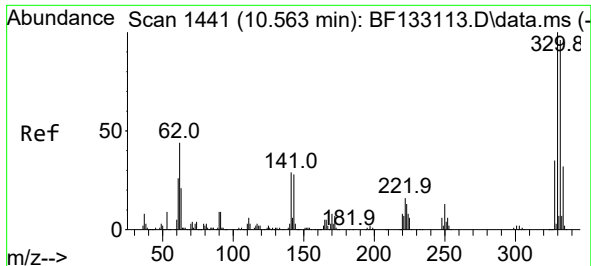
Tgt Ion: 82 Resp: 638928
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion:164 Resp: 355010
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 43.7 35.8 53.6

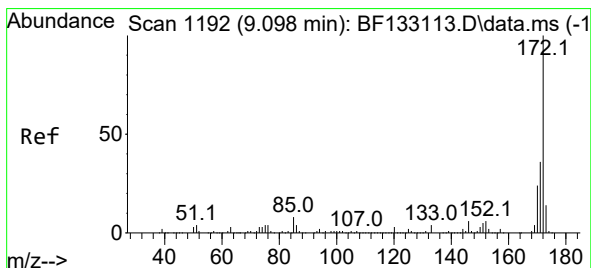
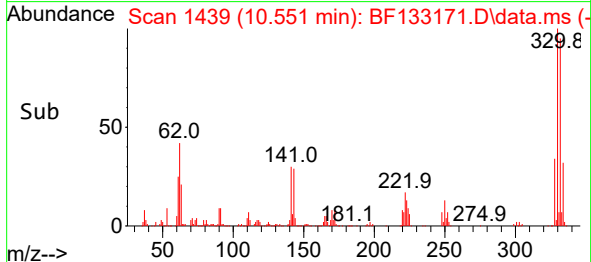
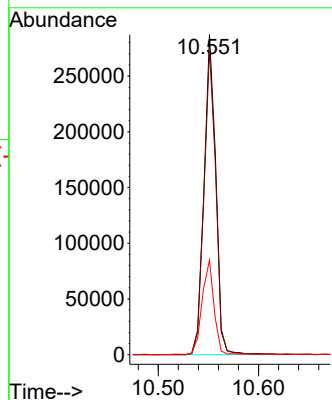
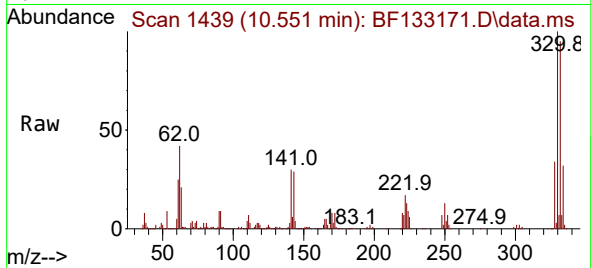




#42
2,4,6-Tribromophenol
Concen: 65.893 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

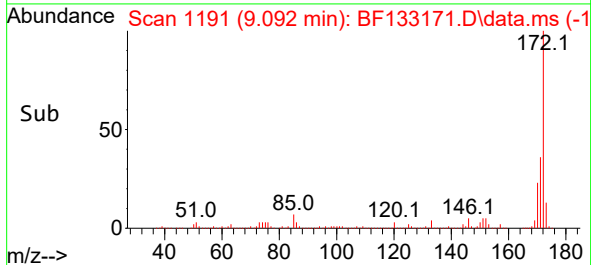
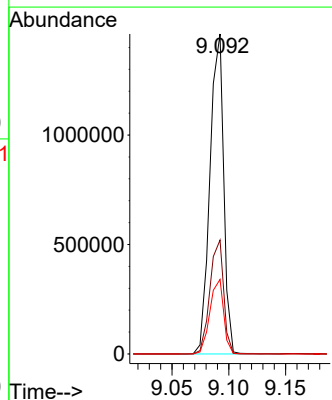
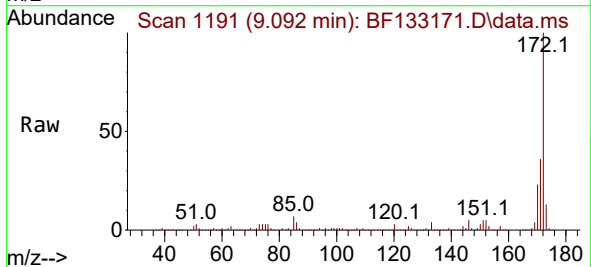
Instrument :
BNA_F
ClientSampleId :
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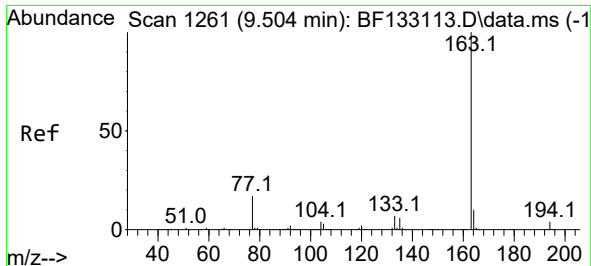
Tgt Ion: 330 Resp: 235259
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 30.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 57.871 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion: 172 Resp: 1228028
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 19.4 29.2

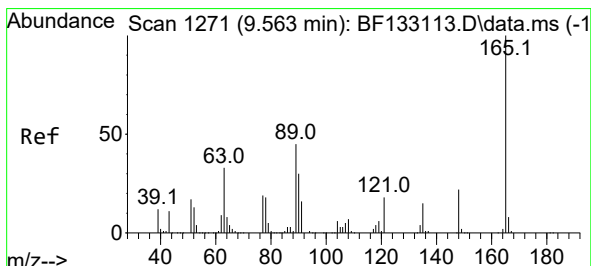
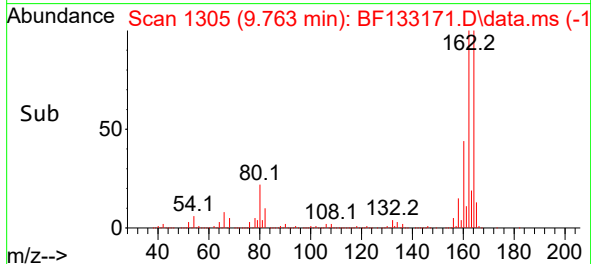
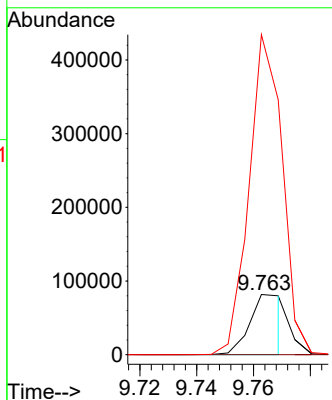
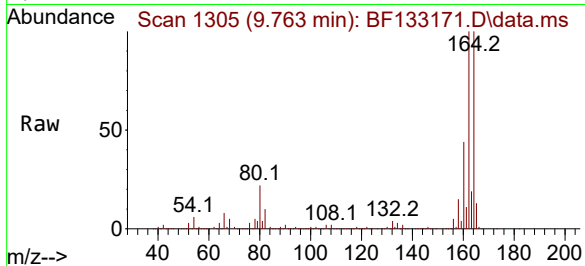




#50
Dimethylphthalate
Concen: 2.716 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

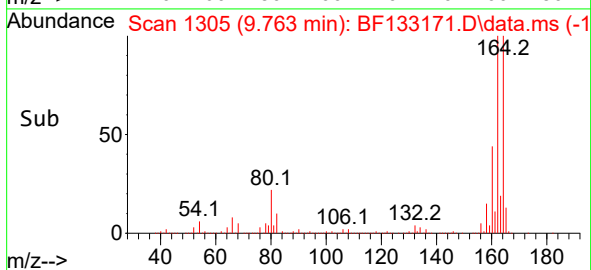
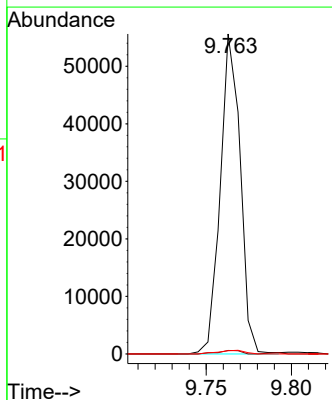
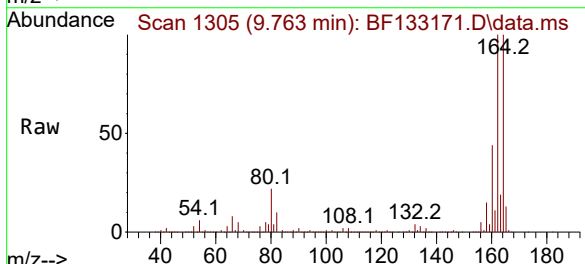
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ClientSampleId :
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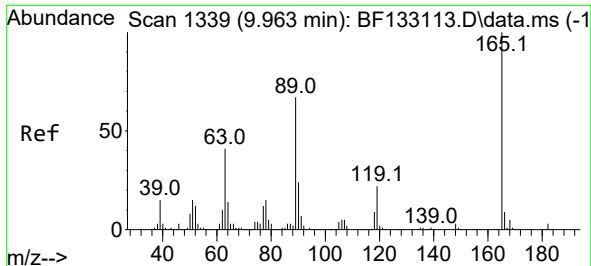
Tgt Ion:163 Resp: 67233
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 531.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.123 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion:165 Resp: 45259
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.0 44.0 66.0#

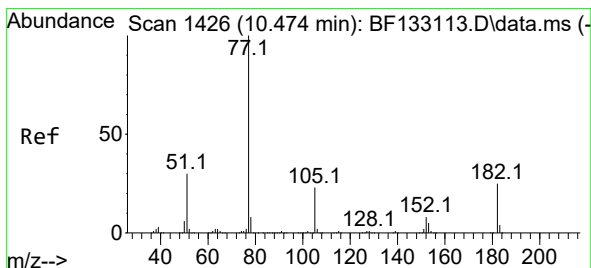
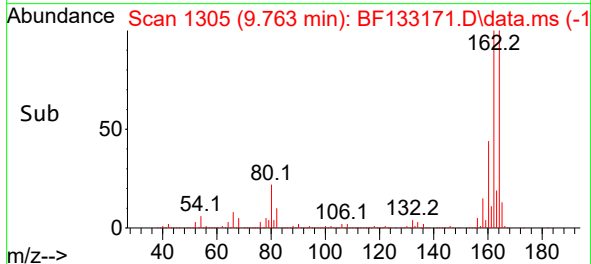
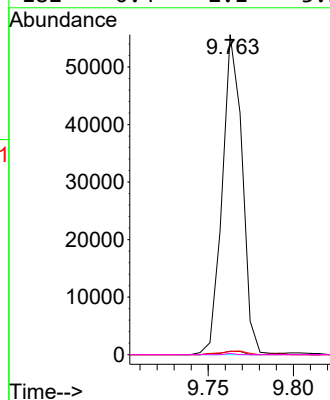
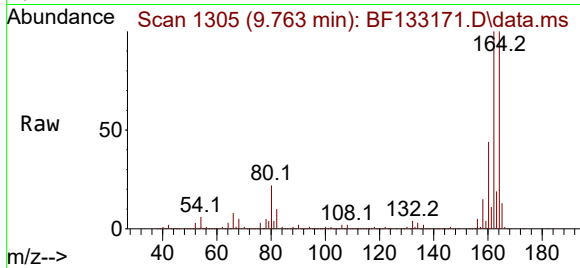




#57
2,4-Dinitrotoluene
Concen: 6.370 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

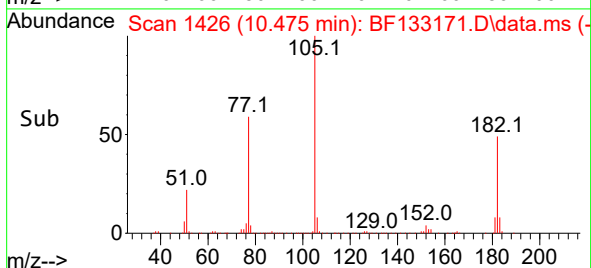
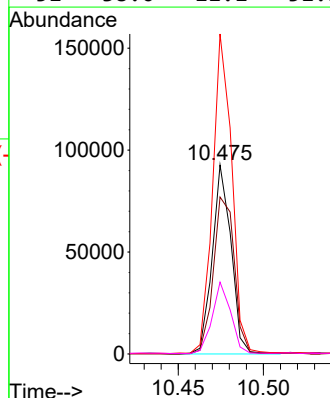
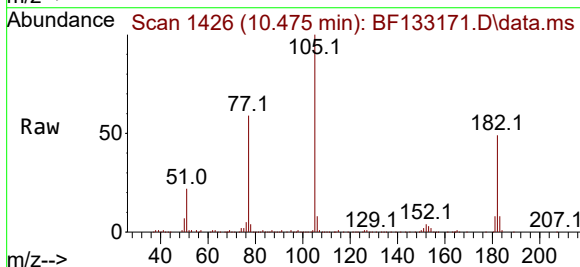
Instrument :
BNA_F
ClientSampleId :
JC-03-042823-B

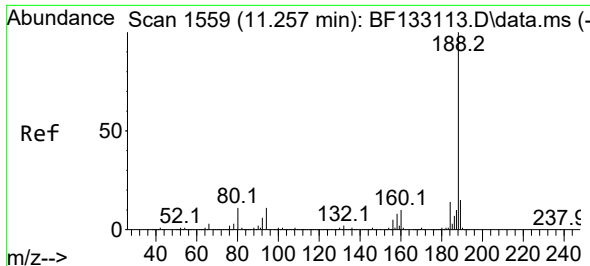
Tgt Ion:165 Resp: 45259
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.0 57.0 85.4#
182 0.4 2.1 3.1#



#63
Azobenzene
Concen: 2.870 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion: 77 Resp: 71097
Ion Ratio Lower Upper
77 100
182 83.0 5.9 45.9#
105 169.3 2.3 42.3#
51 38.0 11.1 51.1

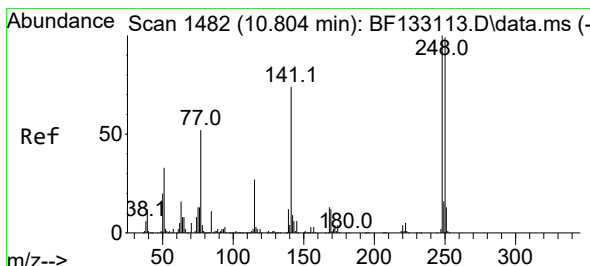
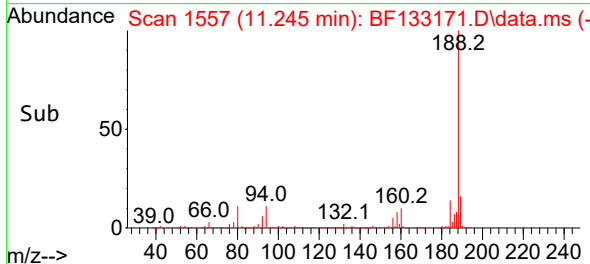
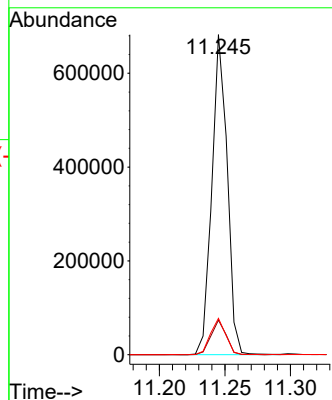
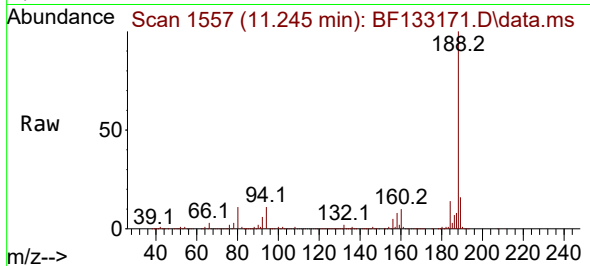




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

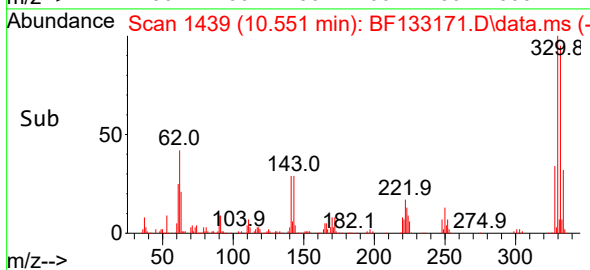
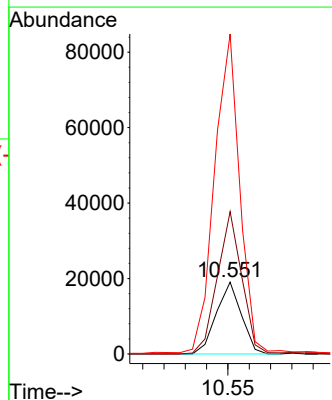
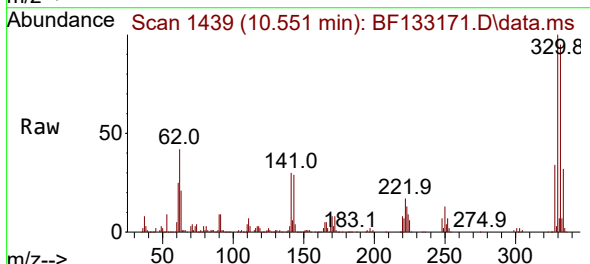
Instrument :
BNA_F
ClientSampleId :
JC-03-042823-B

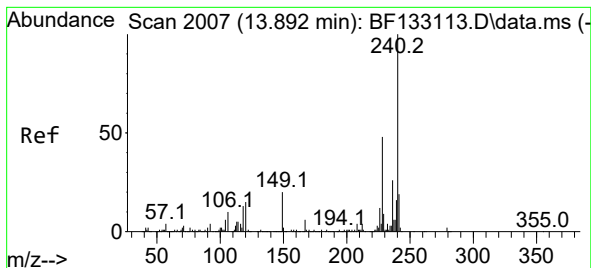
Tgt Ion:188 Resp: 555856
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.3 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 2.574 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.253 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion:248 Resp: 15520
Ion Ratio Lower Upper
248 100
250 197.9 78.7 118.1#
141 445.0 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

Instrument :

BNA_F

ClientSampleId :

JC-03-042823-B

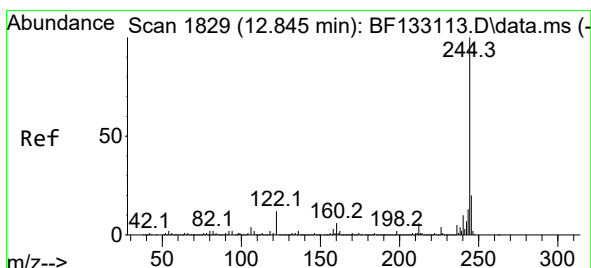
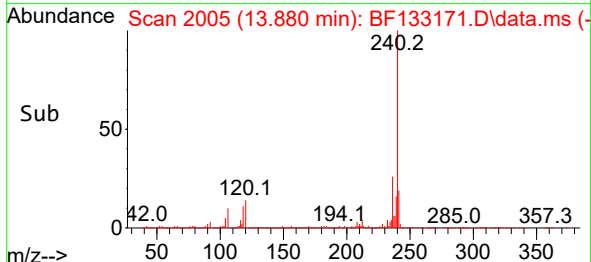
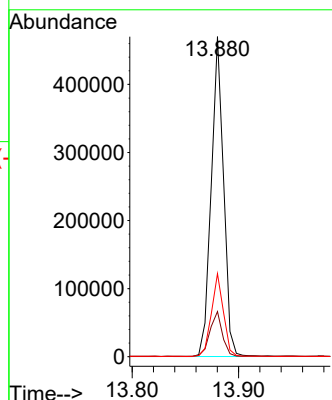
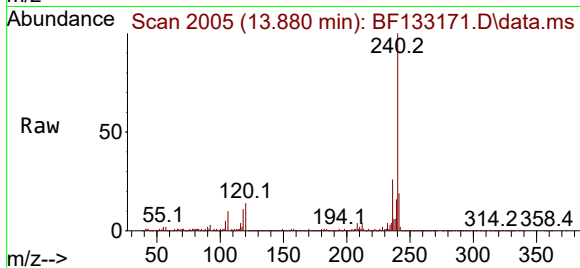
Tgt Ion:240 Resp: 379865

Ion Ratio Lower Upper

240 100

120 14.1 10.5 15.7

236 25.9 21.5 32.3



#79

Terphenyl-d14

Concen: 46.599 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

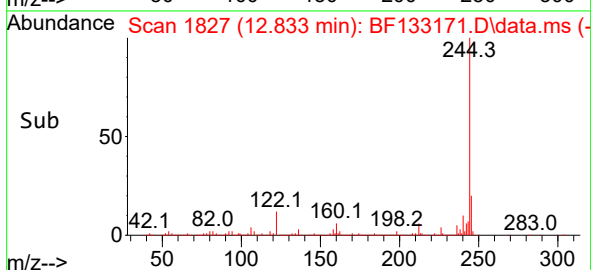
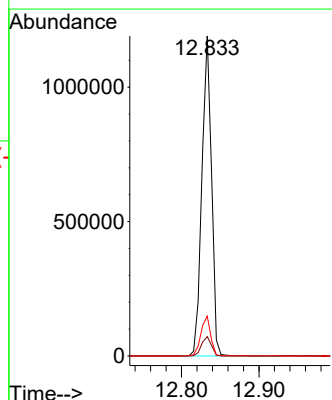
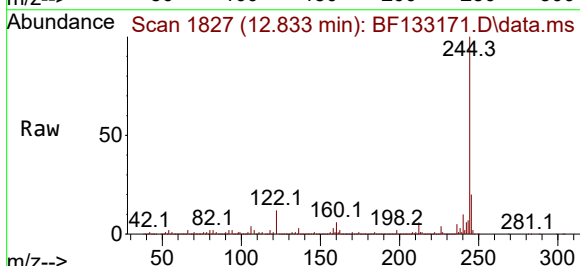
Tgt Ion:244 Resp: 1026361

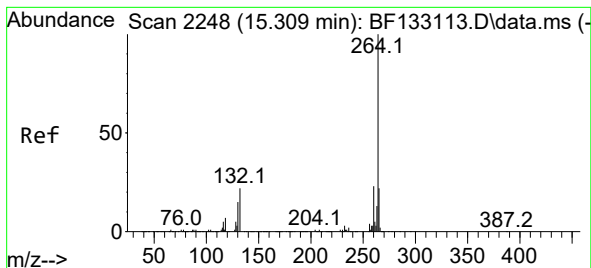
Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 12.5 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133171.D

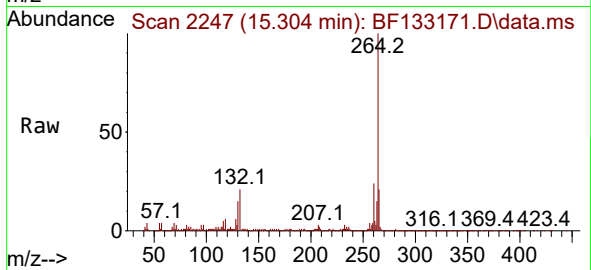
Acq: 01 May 2023 23:19

Instrument :

BNA_F

ClientSampleId :

JC-03-042823-B



Tgt Ion:264 Resp: 368574

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.4 17.0 25.4

