

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133341.D
 Acq On : 10 May 2023 20:40
 Operator : CG\JU
 Sample : 02691-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-504-COMP-06

Quant Time: May 11 03:43:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

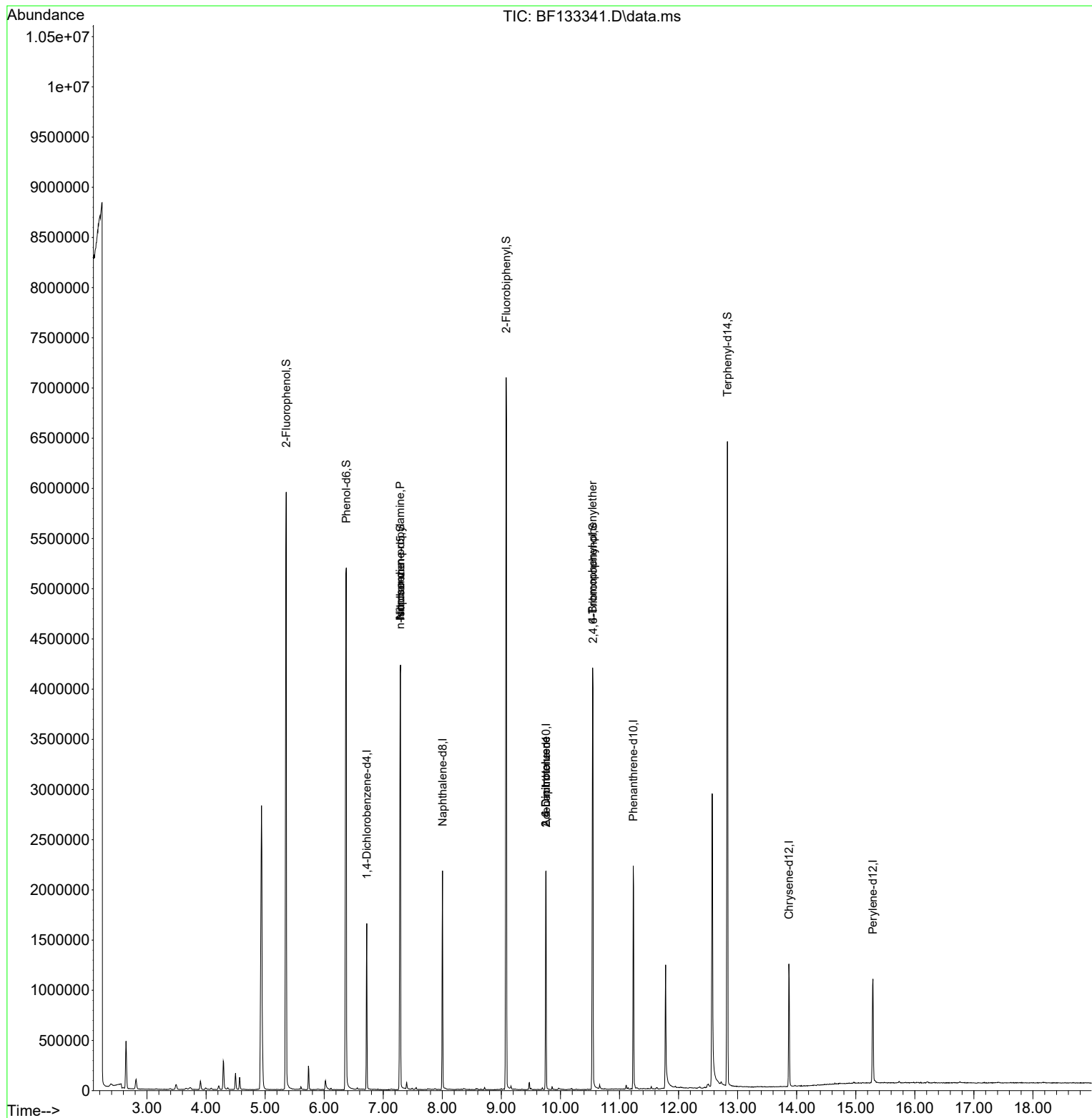
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	222517	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	892912	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	461223	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	810436	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	405423	20.000	ng	-0.01
86) Perylene-d12	15.292	264	466020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1940535	131.738	ng	0.03
7) Phenol-d6	6.375	99	2285587	125.009	ng	0.00
23) Nitrobenzene-d5	7.292	82	1577159	95.340	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	630066	135.835	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2549891	92.492	ng	0.00
79) Terphenyl-d14	12.827	244	2557641	108.802	ng	0.00
Target Compounds						
9) Benzaldehyde	6.269	77	146	Below Cal	Qvalue	# 40
19) n-Nitroso-di-n-propyla...	7.287	70	208403	18.309	ng	# 77
25) Isophorone	7.292	82	1575993	50.177	ng	# 63
51) 2,6-Dinitrotoluene	9.751	165	58517	8.084	ng	# 24
57) 2,4-Dinitrotoluene	9.751	165	58517	6.339	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	40112	4.564	ng	# 1

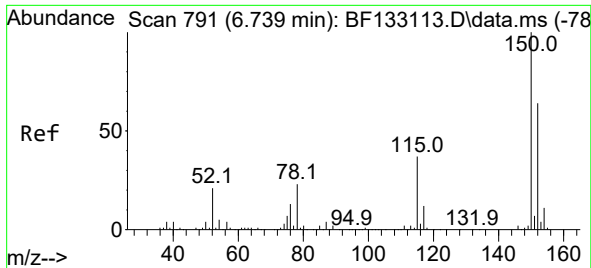
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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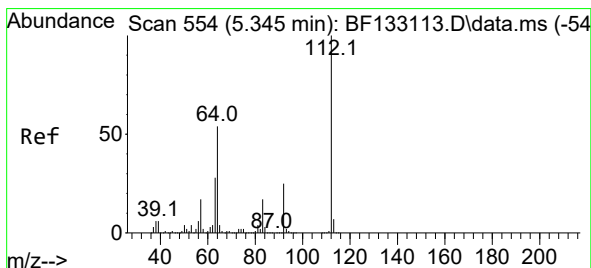
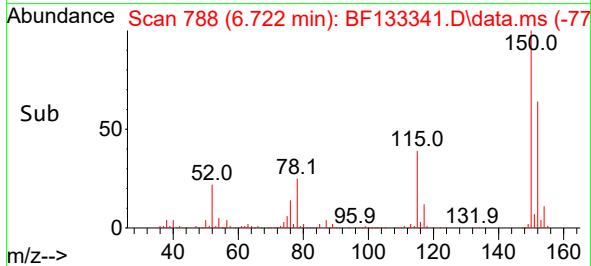
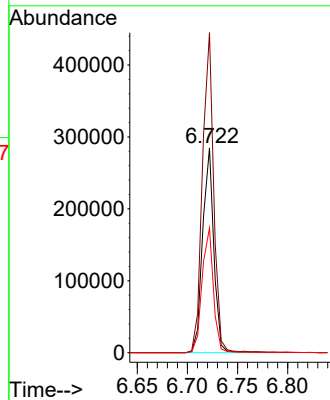
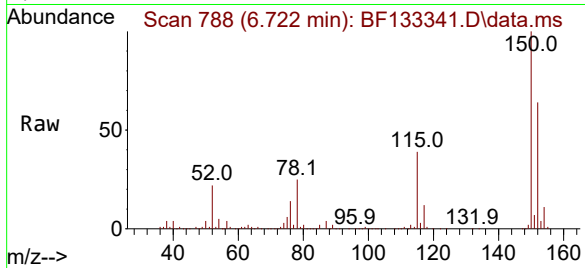




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

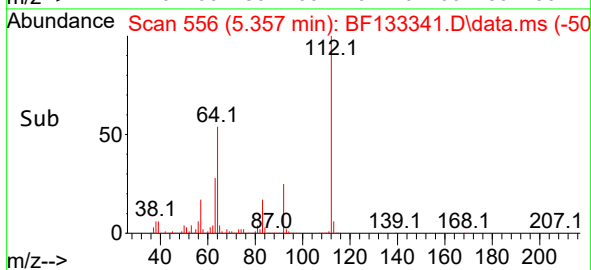
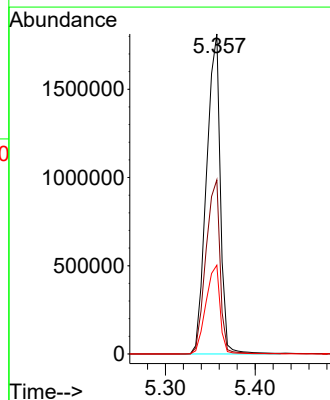
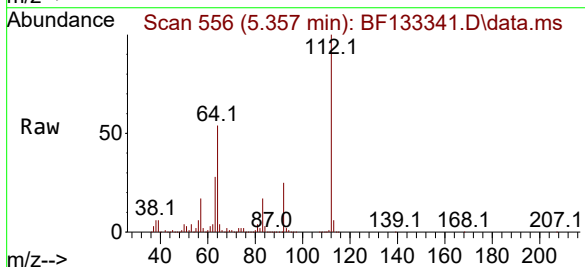
Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Tgt Ion:152 Resp: 222517
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 131.738 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.030 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

Tgt Ion:112 Resp: 1940535
Ion Ratio Lower Upper
112 100
64 54.4 46.8 70.2
63 27.8 23.8 35.8

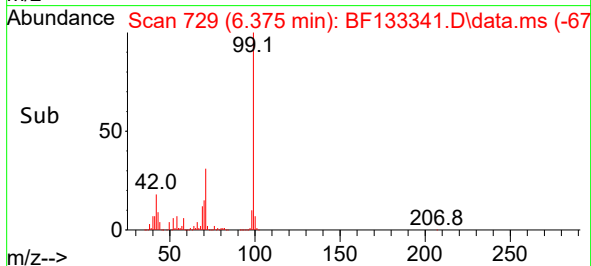
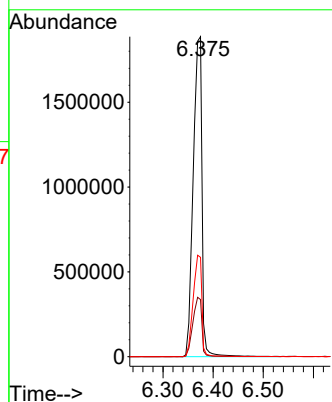
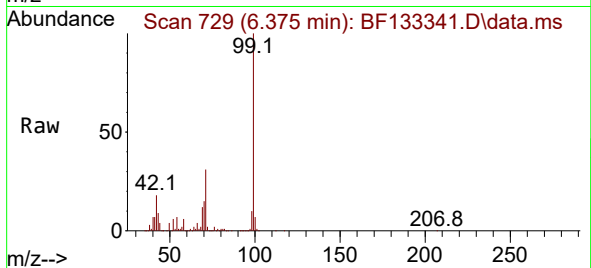




#7
Phenol-d6
Concen: 125.009 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

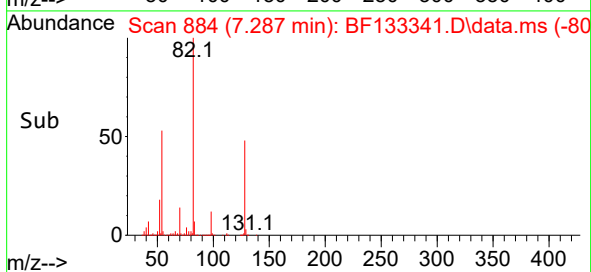
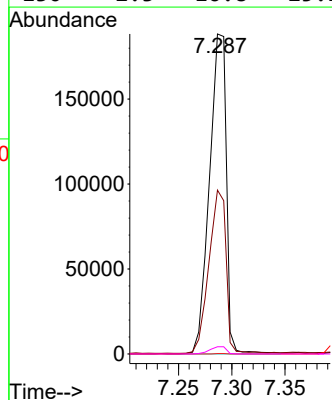
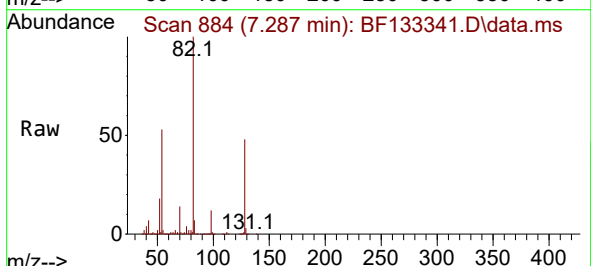
Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Tgt Ion: 99 Resp: 2285587
Ion Ratio Lower Upper
99 100
42 17.9 16.3 24.5
71 31.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.309 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

Tgt Ion: 70 Resp: 208403
Ion Ratio Lower Upper
70 100
42 51.2 51.8 77.6#
101 0.1 8.0 12.0#
130 2.3 16.8 25.2#

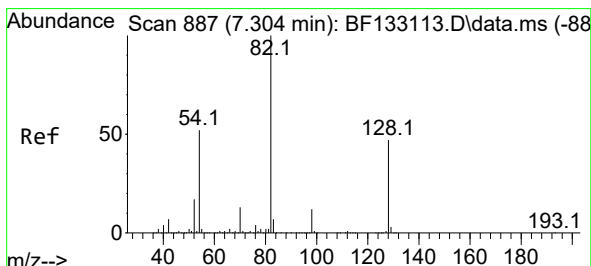
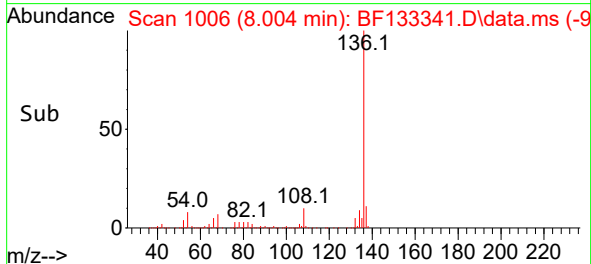
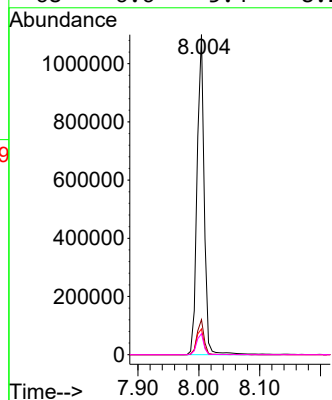
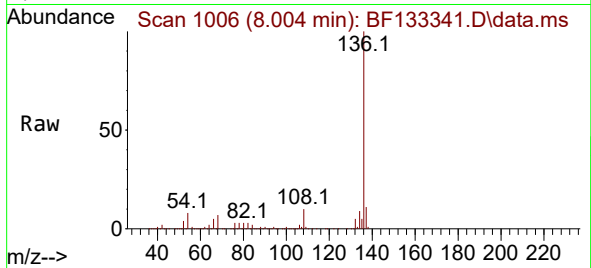




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

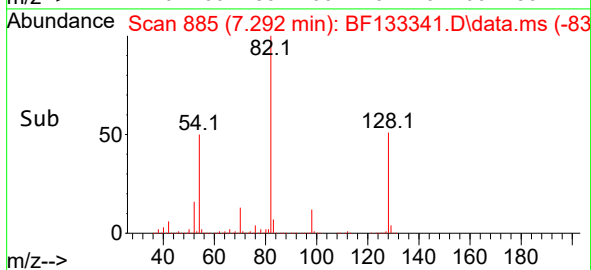
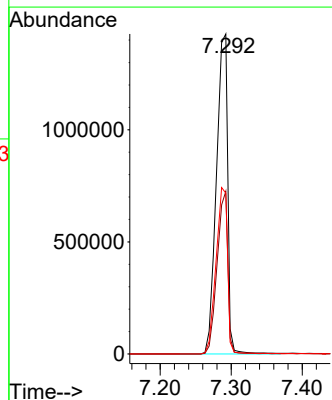
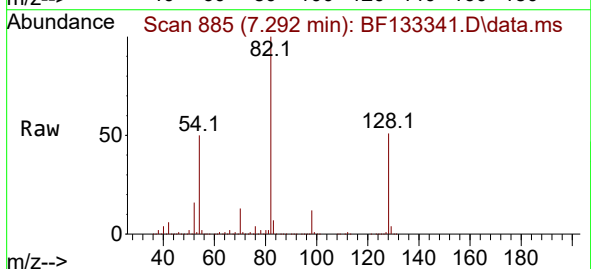
Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

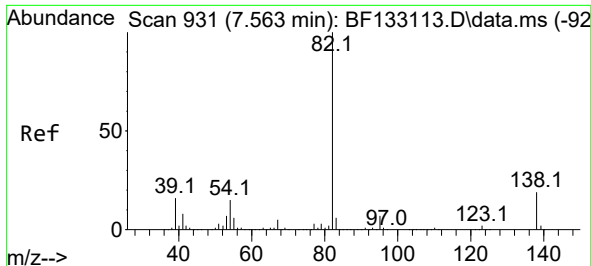
Tgt Ion:136 Resp: 892912
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 95.340 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

Tgt Ion: 82 Resp: 1577159
Ion Ratio Lower Upper
82 100
128 50.8 37.7 56.5
54 50.2 43.0 64.4

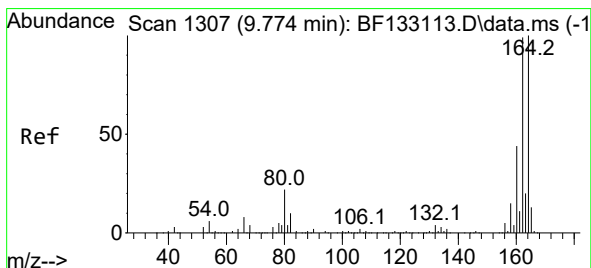
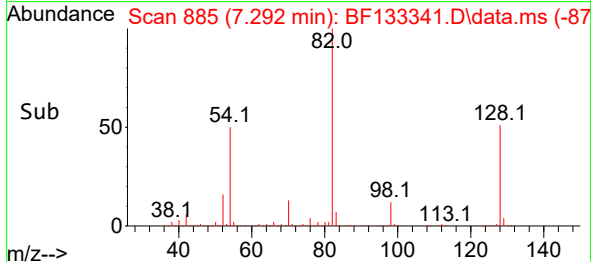
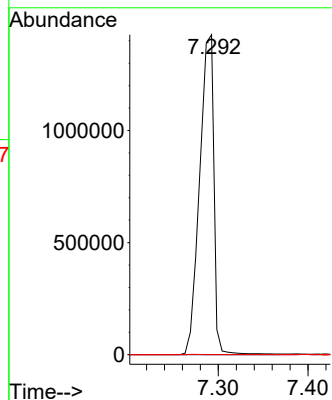
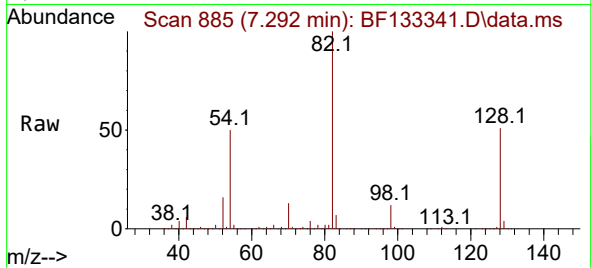




#25
Isophorone
Concen: 50.177 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

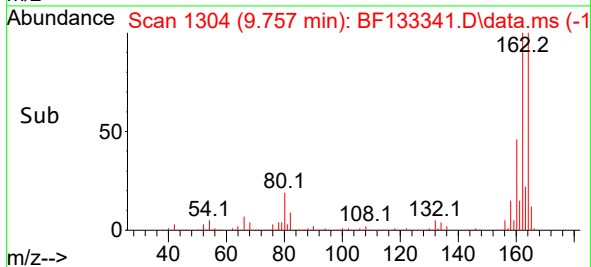
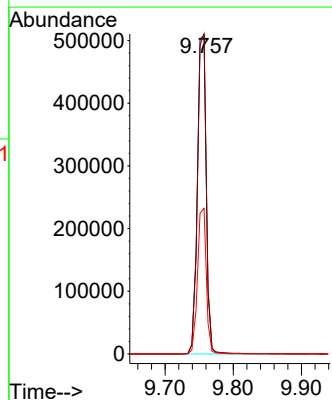
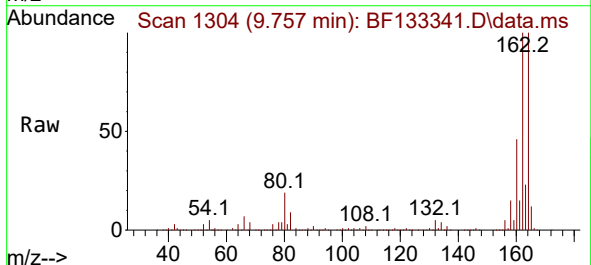
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ClientSampleId :
AU-504-COMP-06

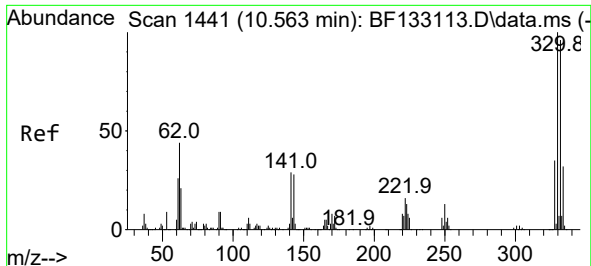
Tgt Ion: 82 Resp: 1575993
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

Tgt Ion: 164 Resp: 461223
Ion Ratio Lower Upper
164 100
162 100.4 78.7 118.1
160 45.7 35.8 53.6

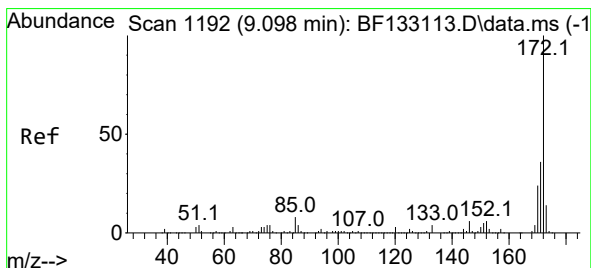
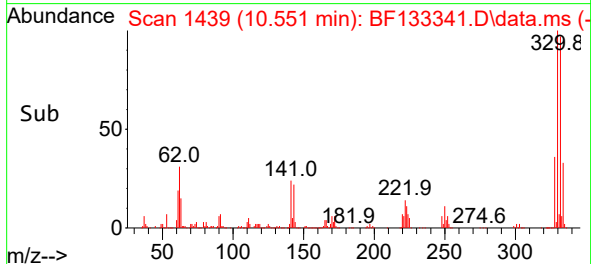
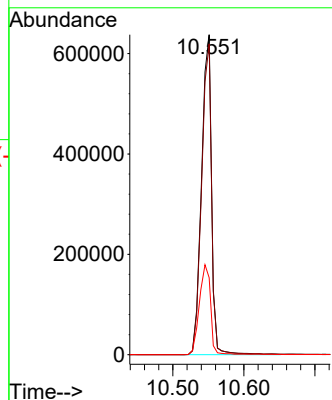
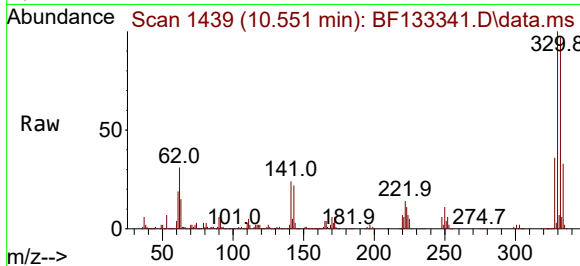




#42
2,4,6-Tribromophenol
Concen: 135.835 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

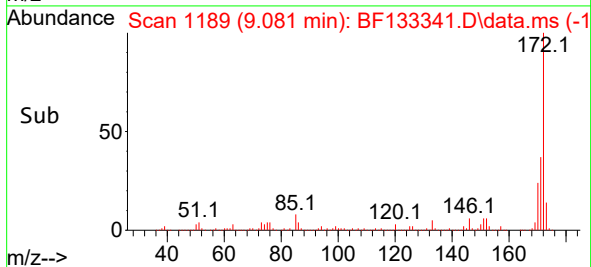
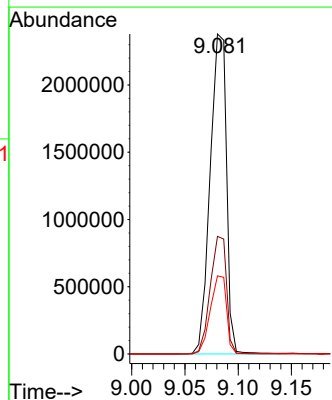
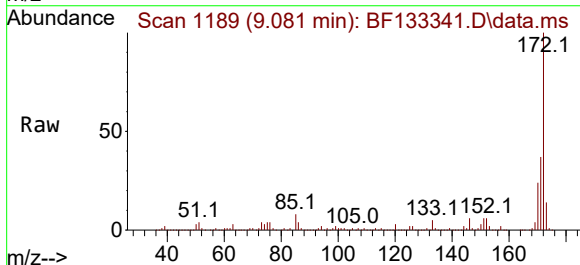
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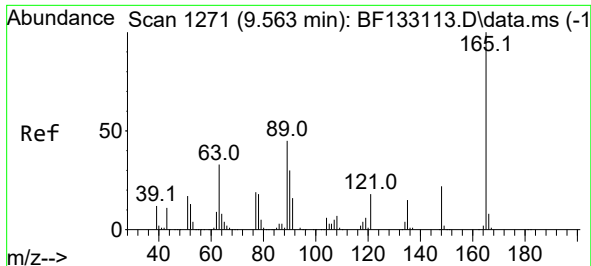
Tgt Ion:330 Resp: 630066
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 92.492 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

Tgt Ion:172 Resp: 2549891
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.4 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.084 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF133341.D

Acq: 10 May 2023 20:40

Instrument :

BNA_F

ClientSampleId :

AU-504-COMP-06

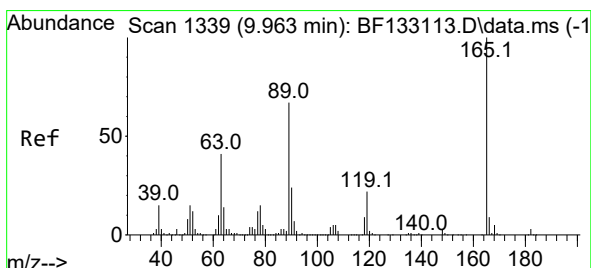
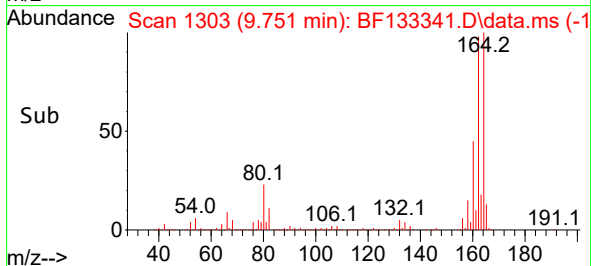
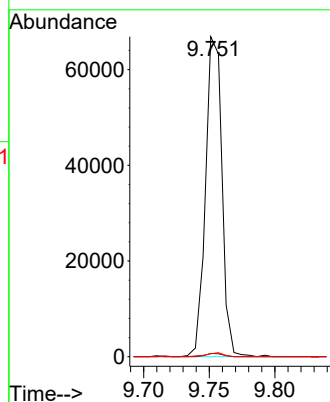
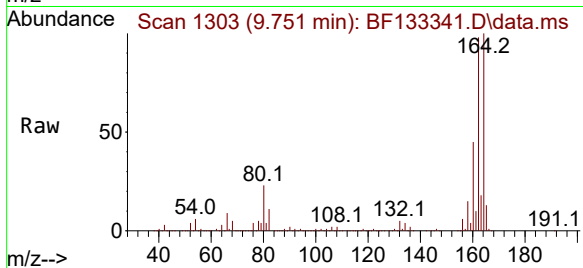
Tgt Ion:165 Resp: 58517

Ion Ratio Lower Upper

165 100

63 1.0 45.9 68.9#

89 0.9 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.339 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.206 min

Lab File: BF133341.D

Acq: 10 May 2023 20:40

Tgt Ion:165 Resp: 58517

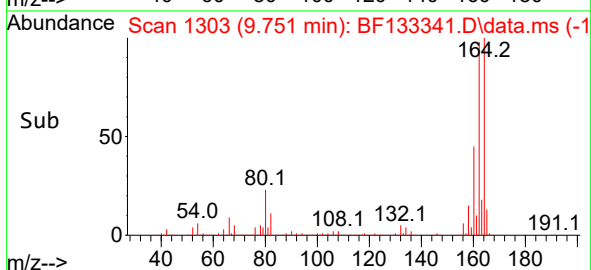
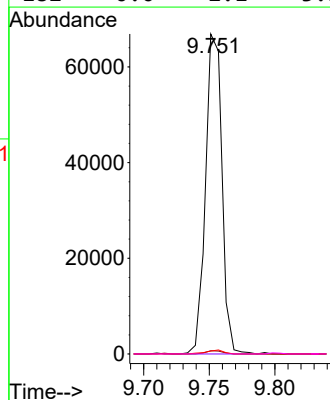
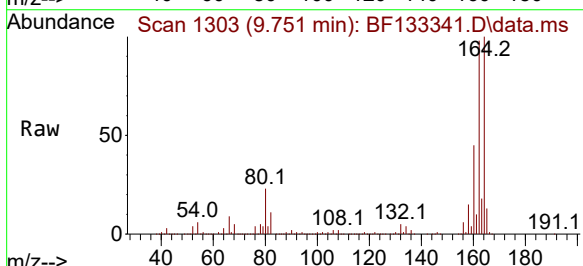
Ion Ratio Lower Upper

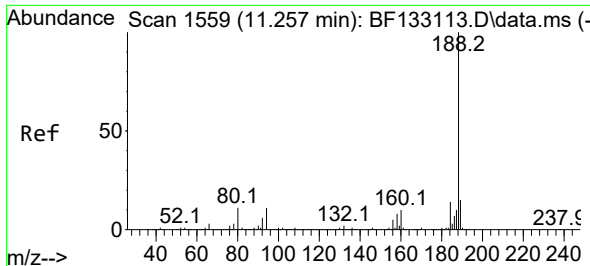
165 100

63 1.0 37.7 56.5#

89 0.9 57.0 85.4#

182 0.0 2.1 3.1#

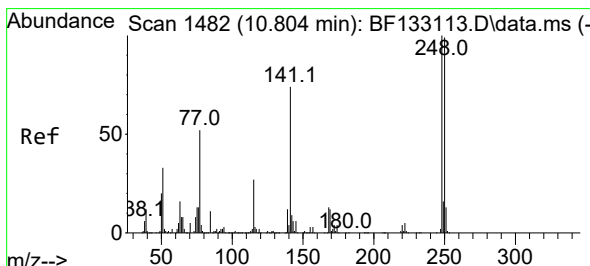
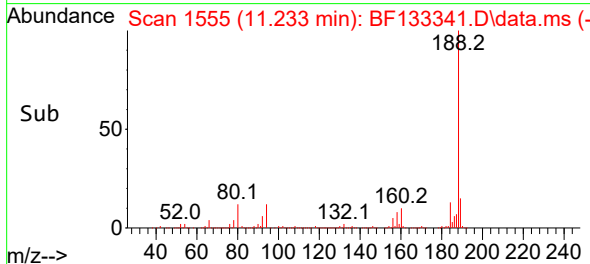
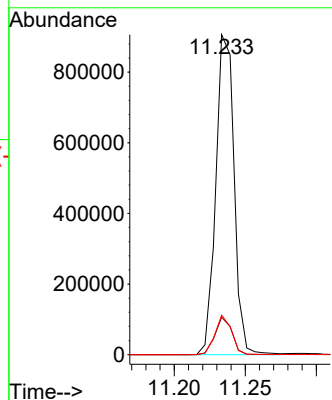
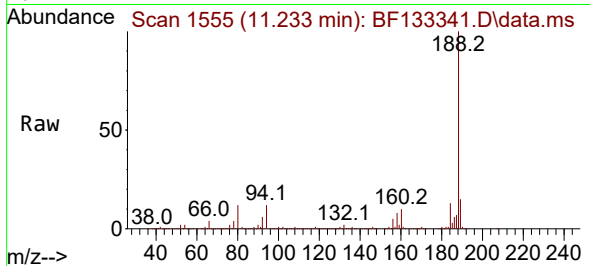




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

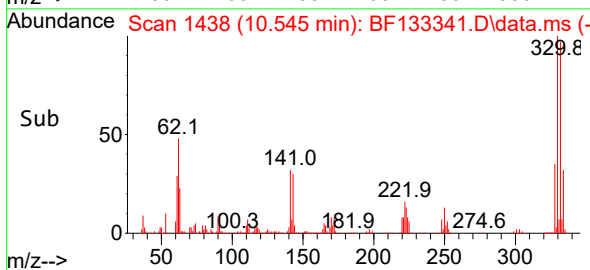
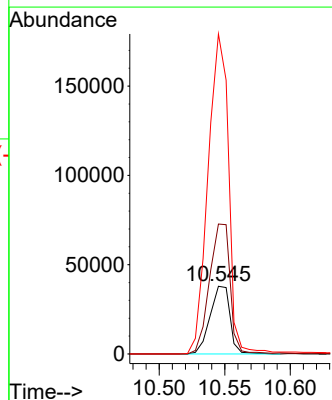
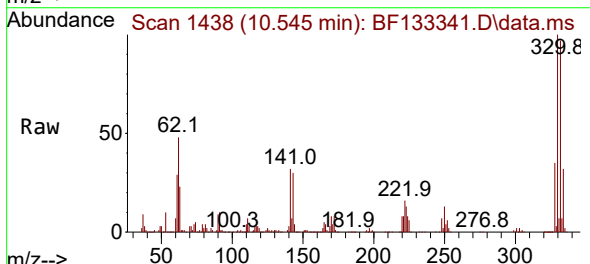
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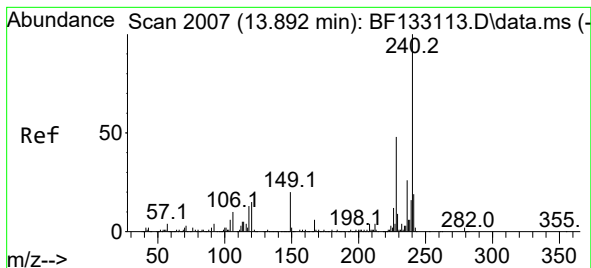
Tgt Ion:188 Resp: 810436
Ion Ratio Lower Upper
188 100
94 11.7 9.7 14.5
80 12.3 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 4.564 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

Tgt Ion:248 Resp: 40112
Ion Ratio Lower Upper
248 100
250 192.1 78.7 118.1#
141 473.1 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133341.D

Acq: 10 May 2023 20:40

Instrument :

BNA_F

ClientSampleId :

AU-504-COMP-06

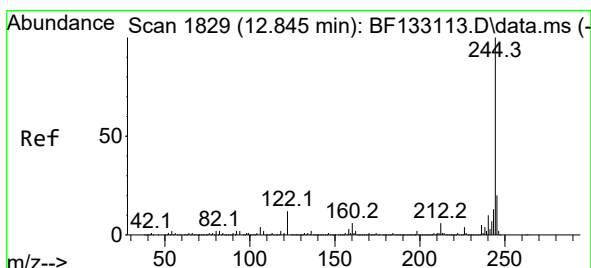
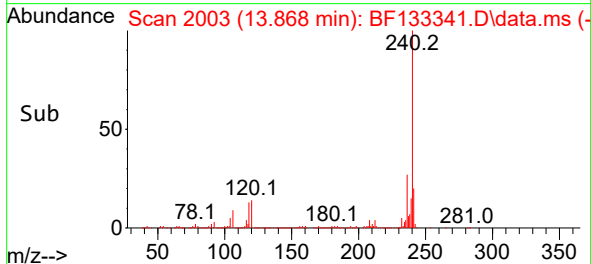
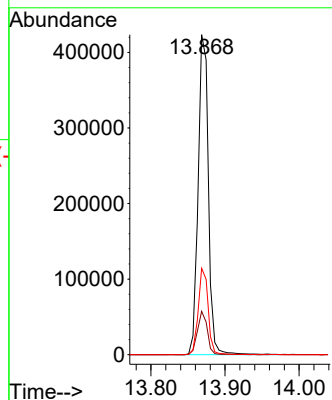
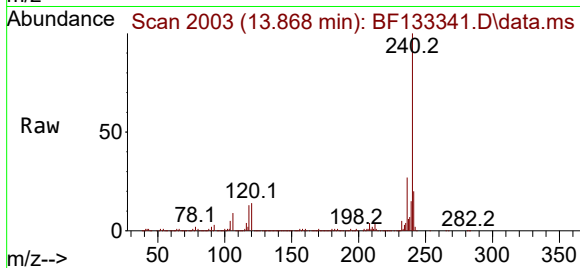
Tgt Ion:240 Resp: 405423

Ion Ratio Lower Upper

240 100

120 13.6 10.5 15.7

236 27.0 21.5 32.3



#79

Terphenyl-d14

Concen: 108.802 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133341.D

Acq: 10 May 2023 20:40

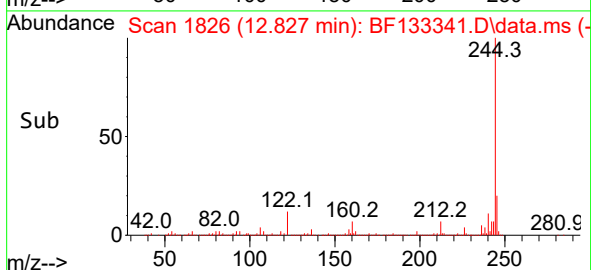
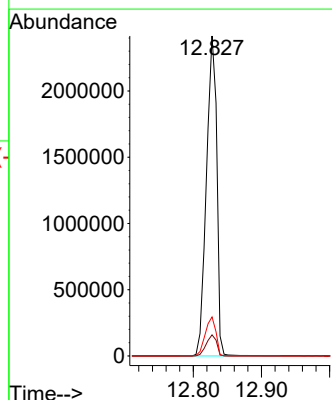
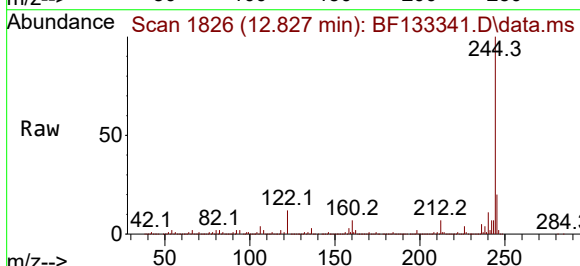
Tgt Ion:244 Resp: 2557641

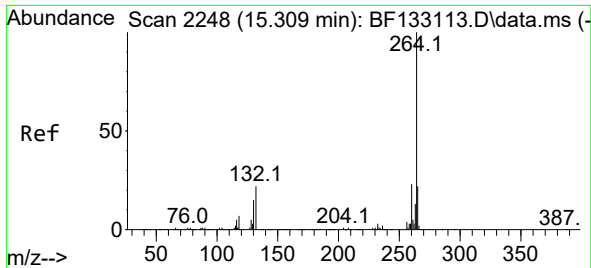
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

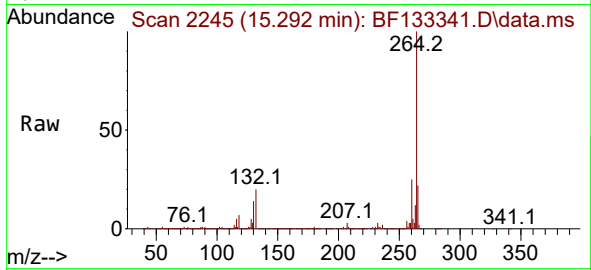
122 12.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133341.D
Acq: 10 May 2023 20:40

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06



Tgt Ion:264 Resp: 466020
Ion Ratio Lower Upper
264 100
260 25.1 18.8 28.2
265 22.2 17.0 25.4

