

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128099.D
 Acq On : 05 May 2022 17:27
 Operator : CG\JU
 Sample : N2676-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(10-12)

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 06 05:01:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	58860	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	196841	20.000	ng	# 0.02
39) Acenaphthene-d10	9.980	164	130708	20.000	ng	0.03
64) Phenanthrene-d10	11.445	188	285945	20.000	ng	0.00
76) Chrysene-d12	14.080	240	204122	20.000	ng	-0.01
86) Perylene-d12	15.580	264	179186	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	522172	141.303	ng	0.00
7) Phenol-d6	6.533	99	664964	138.677	ng	-0.01
23) Nitrobenzene-d5	7.480	82	463499	110.727	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	181761	138.138	ng	0.01
45) 2-Fluorobiphenyl	9.298	172	599073	77.538	ng	0.03
79) Terphenyl-d14	13.027	244	835106	74.810	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.951	142	1444919	218.078	ng	Qvalue 100
38) 1-Methylnaphthalene	9.045	142	1142424	177.392	ng	98
58) Fluorene	10.516	166	100672	12.336	ng	# 84
71) Phenanthrene	11.468	178	97887m	6.540	ng	

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

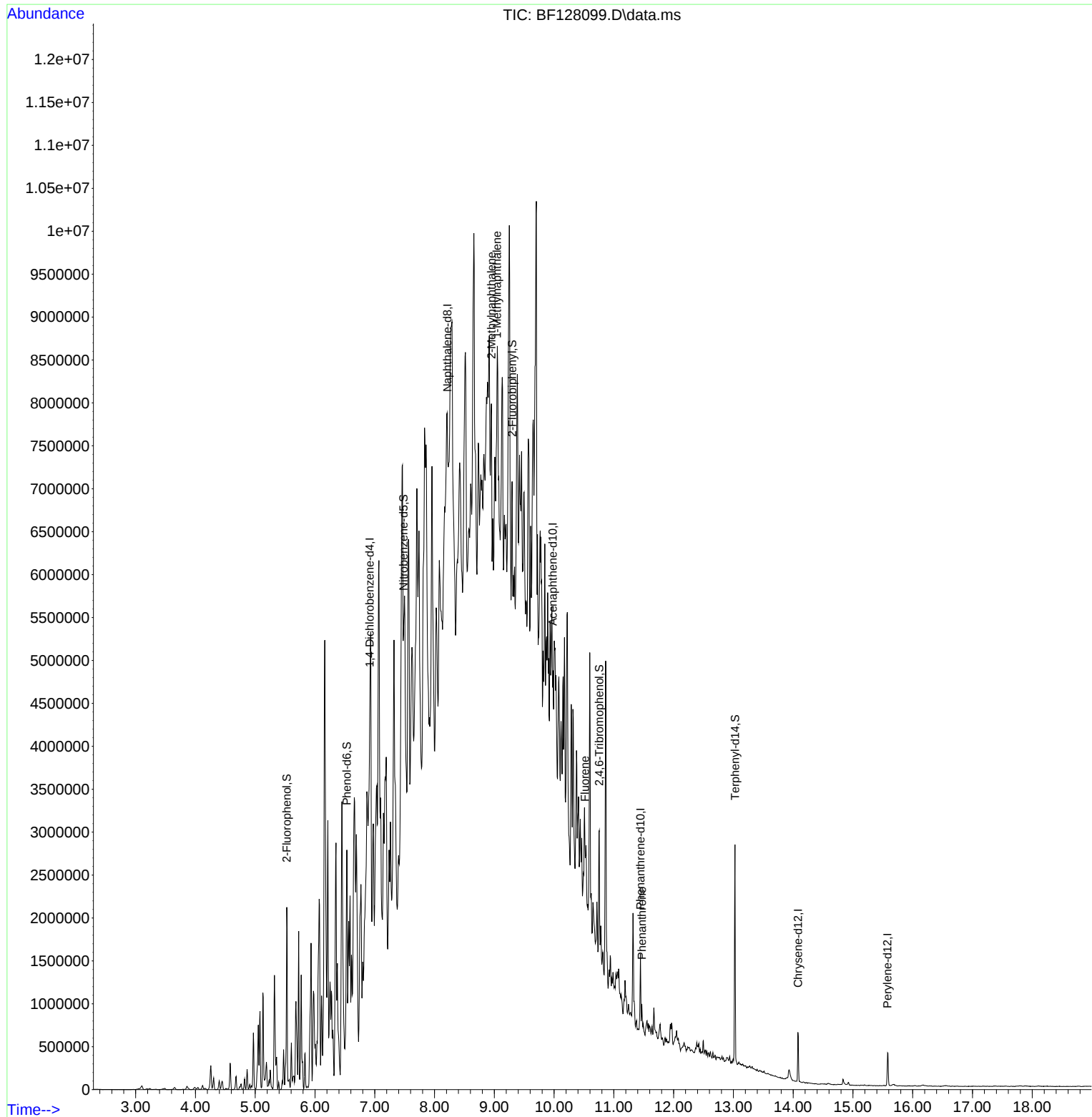
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128099.D
Acq On : 05 May 2022 17:27
Operator : CG\JU
Sample : N2676-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

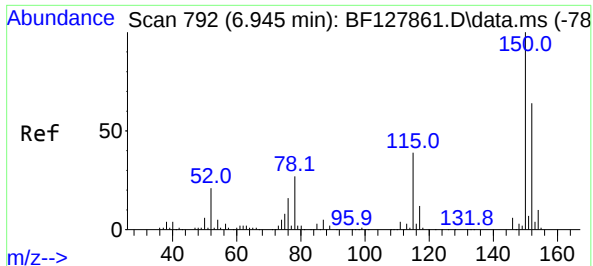
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)

Quant Time: May 06 05:01:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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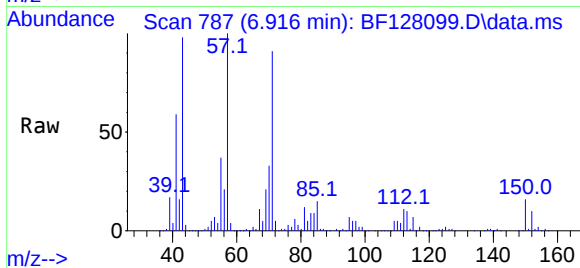
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

GT-10-(10-12)

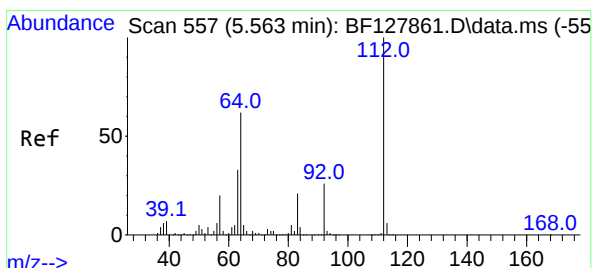
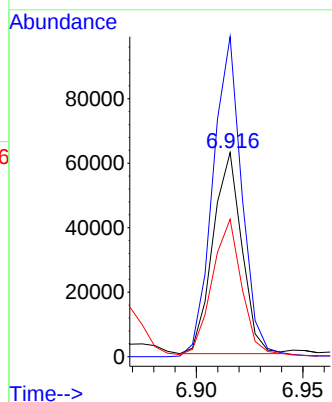
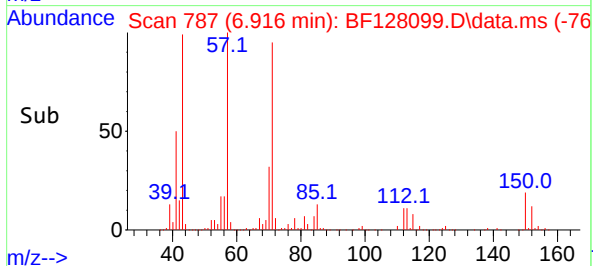


Tgt Ion:152 Resp: 58860
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 67.4 48.8 73.2

Manual Integrations

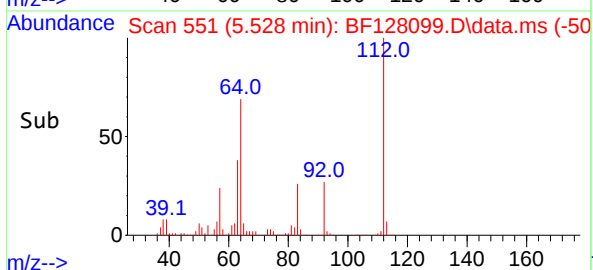
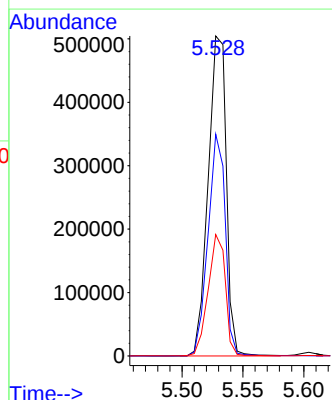
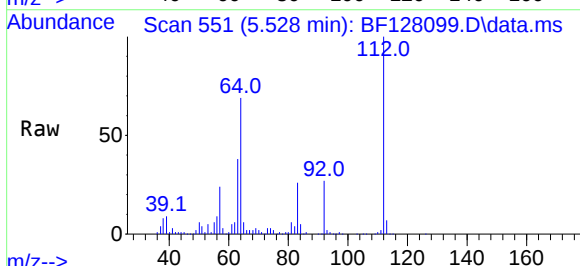
APPROVED

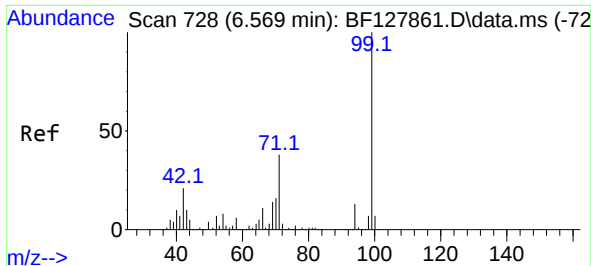
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#5
2-Fluorophenol
Concen: 141.303 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

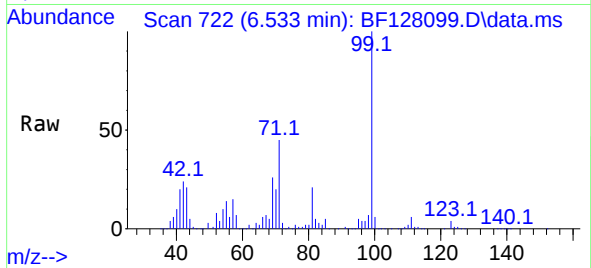
Tgt Ion:112 Resp: 522172
Ion Ratio Lower Upper
112 100
64 69.3 49.5 74.3
63 38.0 26.3 39.5





#7
Phenol-d6
Concen: 138.677 ng
RT: 6.533 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

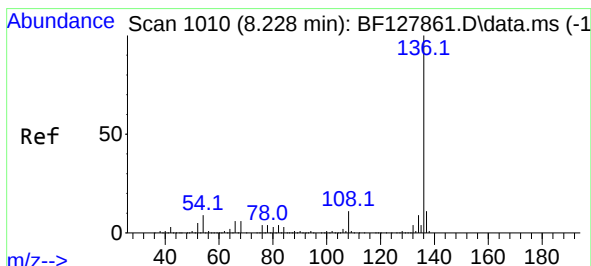
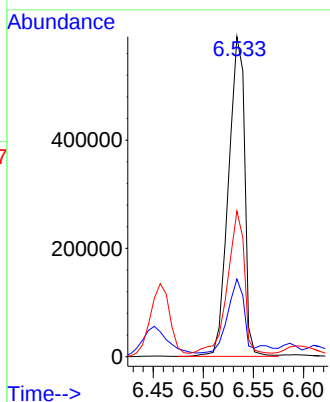
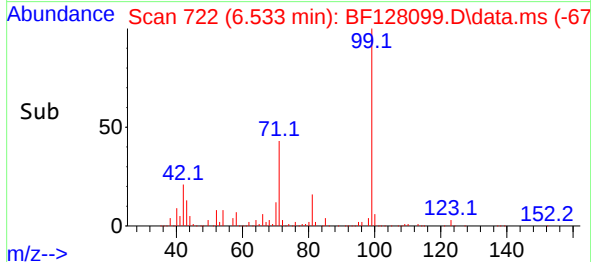
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)



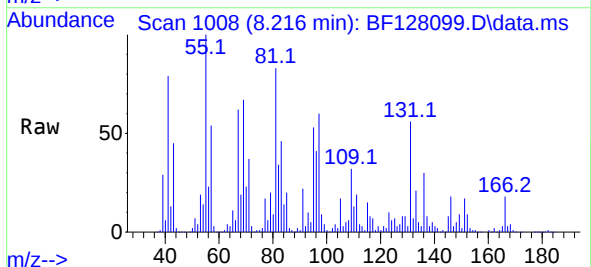
Tgt Ion: 99 Resp: 664964
Ion Ratio Lower Upper
99 100
42 24.3 16.6 24.8
71 45.5 30.0 45.0

Manual Integrations
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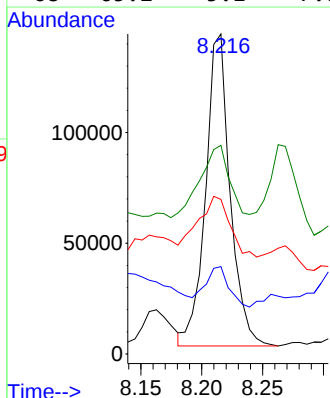
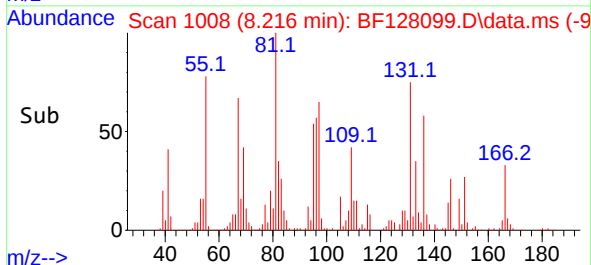
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.018 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27



Tgt Ion:136 Resp: 196841
Ion Ratio Lower Upper
136 100
137 27.3 8.6 13.0#
54 48.3 6.8 10.2#
68 65.2 5.1 7.7#





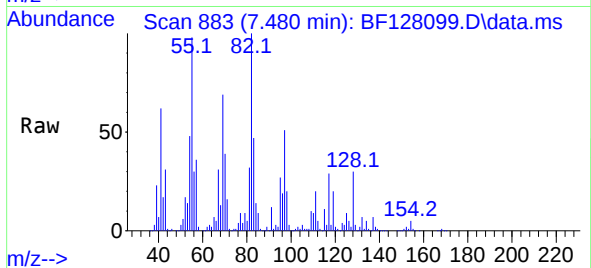
#23
Nitrobenzene-d5
Concen: 110.727 ng
RT: 7.480 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

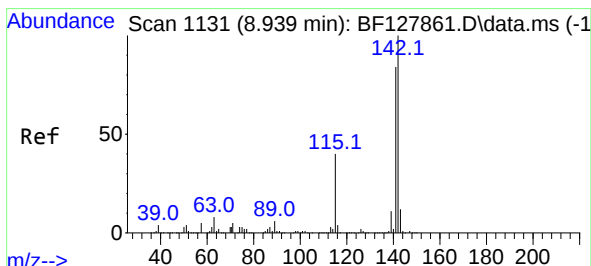
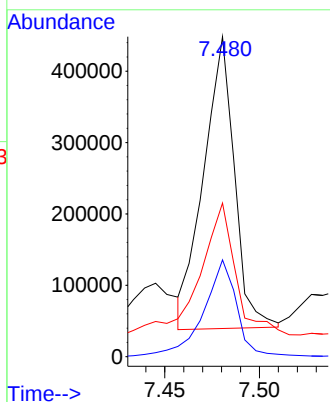
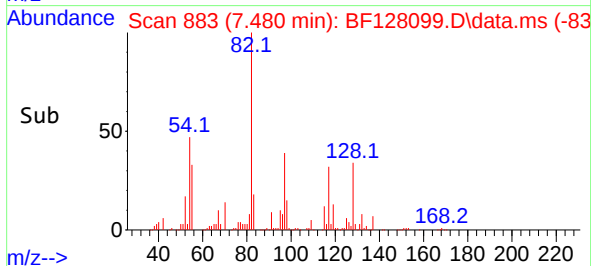
GT-10-(10-12)



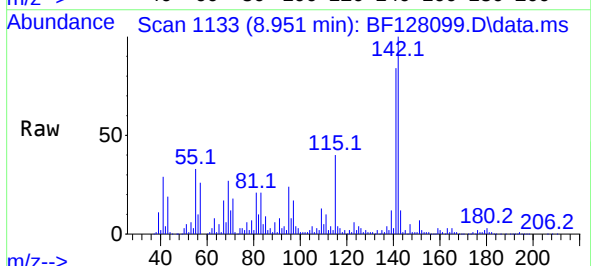
Tgt Ion: 82 Resp: 463499
Ion Ratio Lower Upper
82 100
128 30.2 30.0 45.0
54 48.0 41.3 61.9

Manual Integrations
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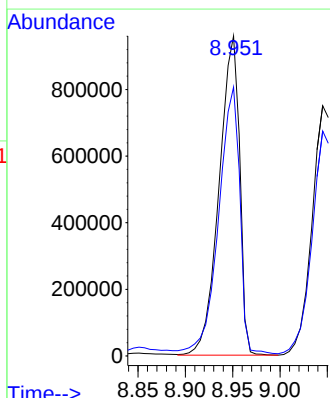
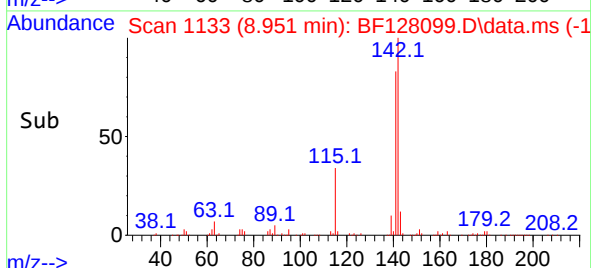
Reviewed By :Christian Giraldo 05/06/2022
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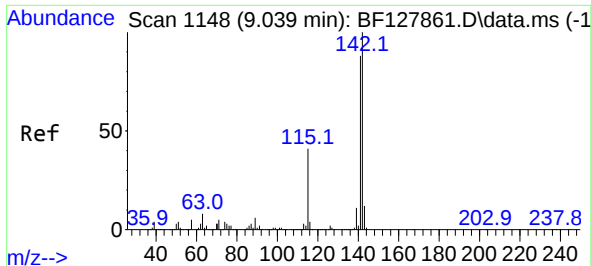


#37
2-Methylnaphthalene
Concen: 218.078 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.041 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27



Tgt Ion:142 Resp: 1444919
Ion Ratio Lower Upper
142 100
141 84.0 67.4 101.2





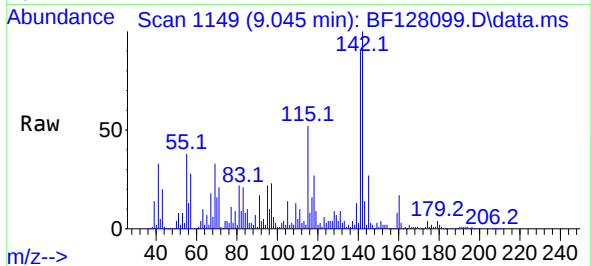
#38
1-Methylnaphthalene
Concen: 177.392 ng
RT: 9.045 min Scan# 1148
Delta R.T. 0.035 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

GT-10-(10-12)

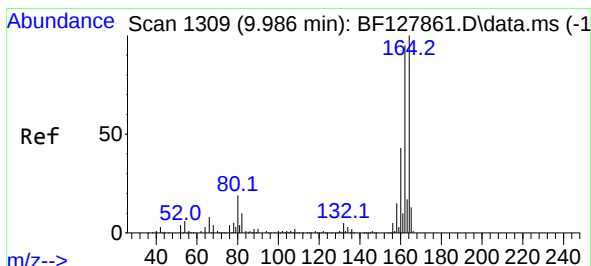
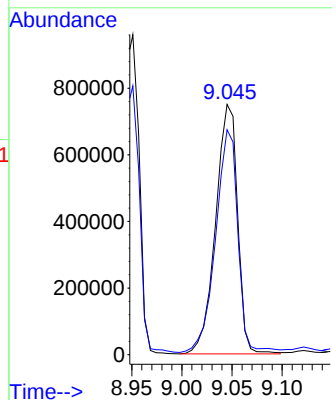
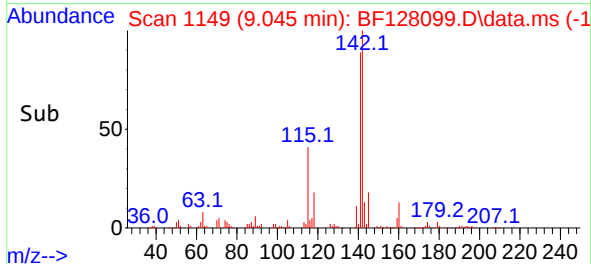


Tgt Ion:142 Resp: 1142424
Ion Ratio Lower Upper
142 100
141 89.9 70.1 105.1

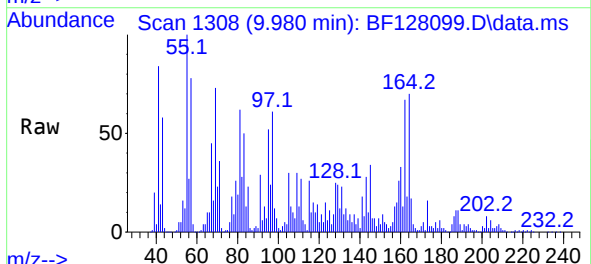
Manual Integrations

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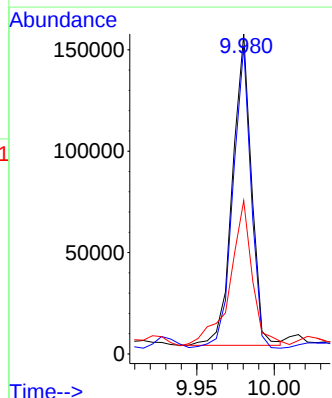
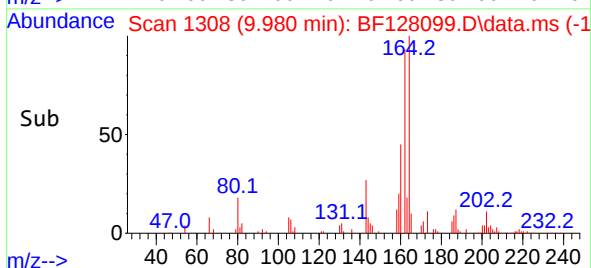
Reviewed By :Christian Giraldo 05/06/2022
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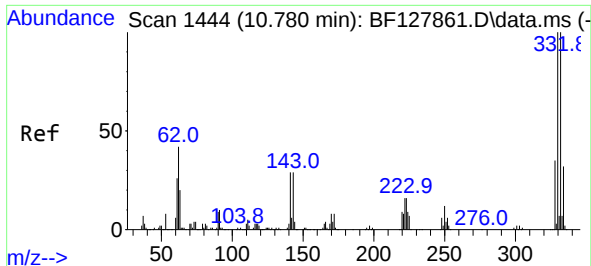


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.029 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27



Tgt Ion:164 Resp: 130708
Ion Ratio Lower Upper
164 100
162 96.3 76.0 114.0
160 47.9 34.8 52.2





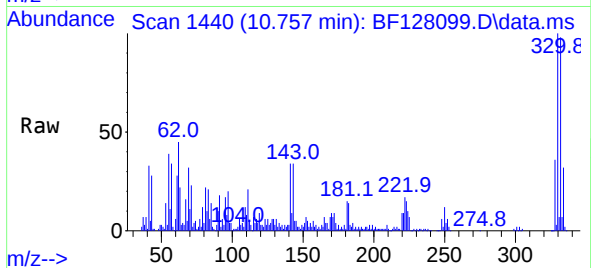
#42
2,4,6-Tribromophenol
Concen: 138.138 ng
RT: 10.757 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

GT-10-(10-12)

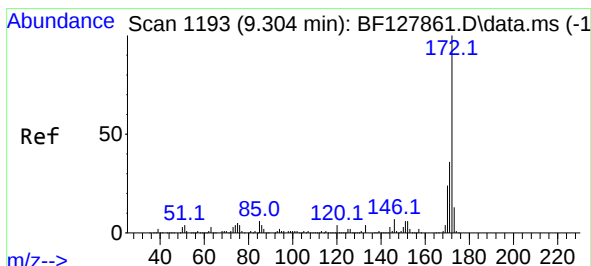
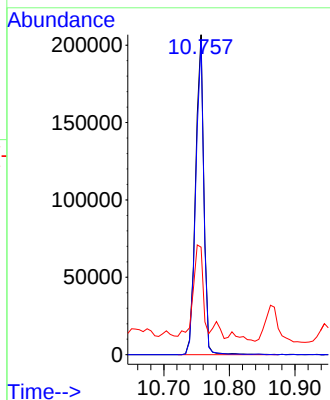
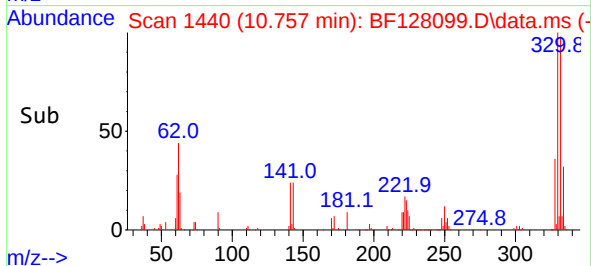


Tgt Ion:330 Resp: 18176
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 33.0 28.9 43.3

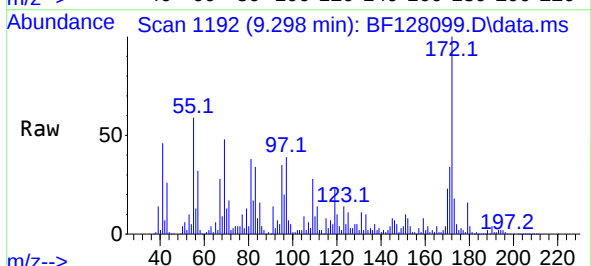
Manual Integrations

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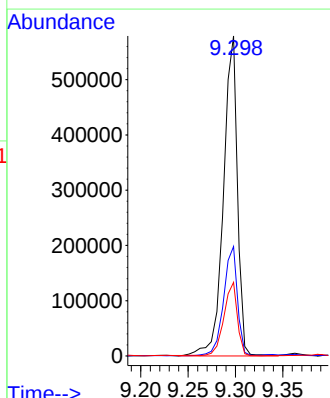
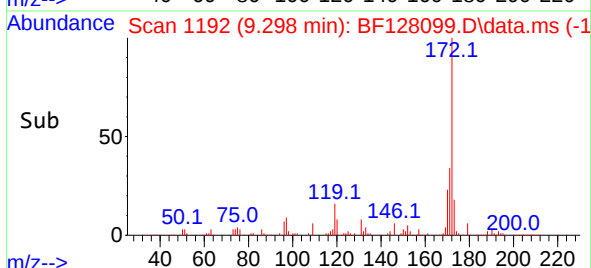
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

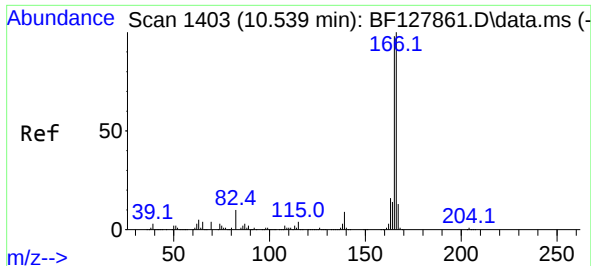


#45
2-Fluorobiphenyl
Concen: 77.538 ng
RT: 9.298 min Scan# 1192
Delta R.T. 0.029 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27



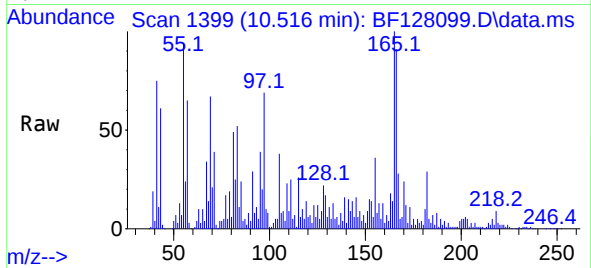
Tgt Ion:172 Resp: 599073
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 23.0 19.1 28.7





#58
Fluorene
Concen: 12.336 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

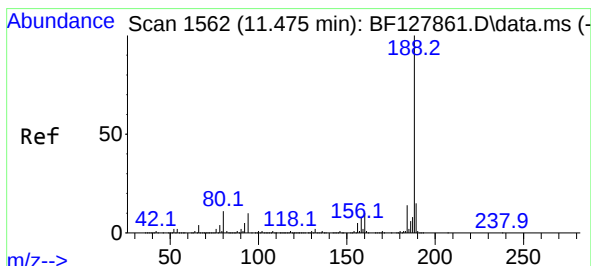
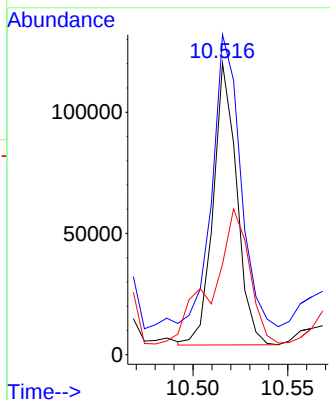
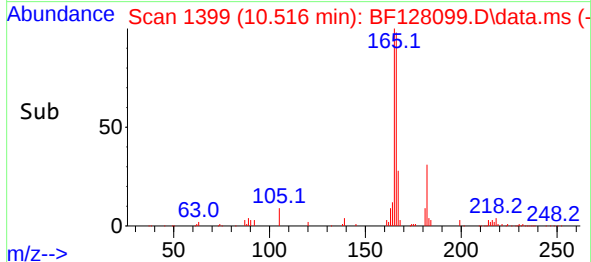
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)



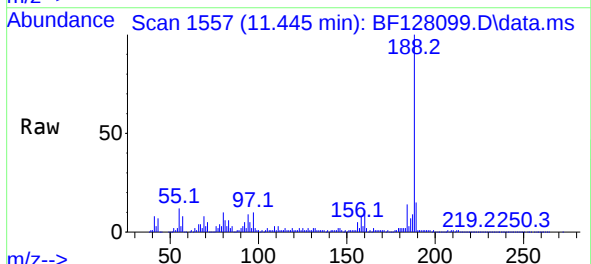
Tgt Ion:166 Resp: 100672
Ion Ratio Lower Upper
166 100
165 109.7 78.6 117.8
167 31.1 10.5 15.7

Manual Integrations
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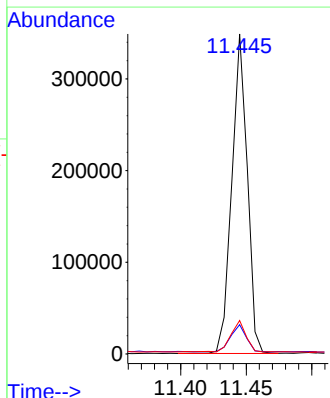
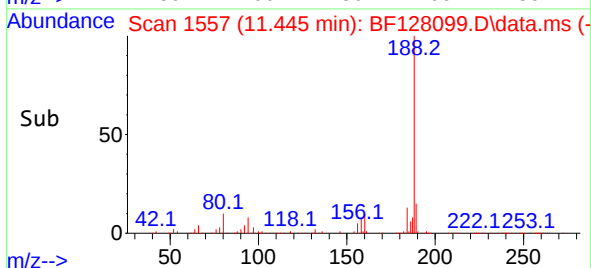
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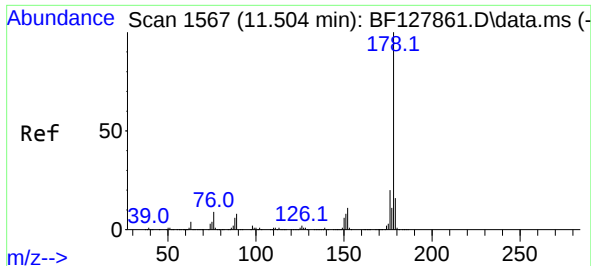


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27



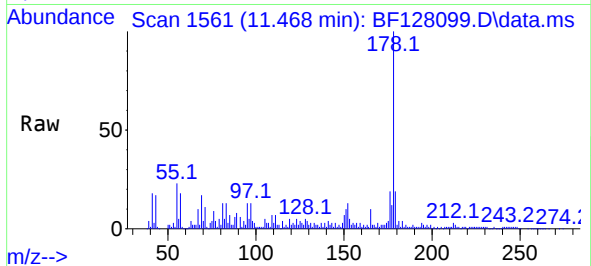
Tgt Ion:188 Resp: 285945
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.4 8.9 13.3





#71
Phenanthrene
Concen: 6.540 ng m
RT: 11.468 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

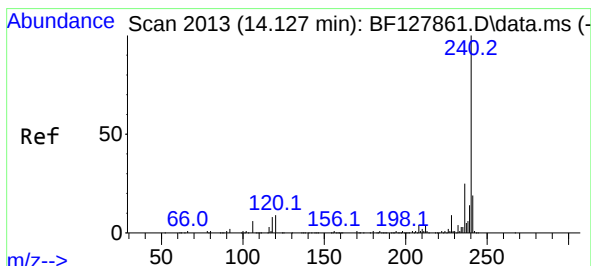
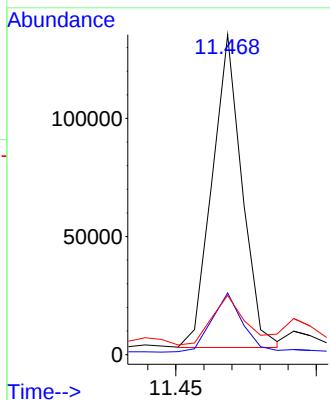
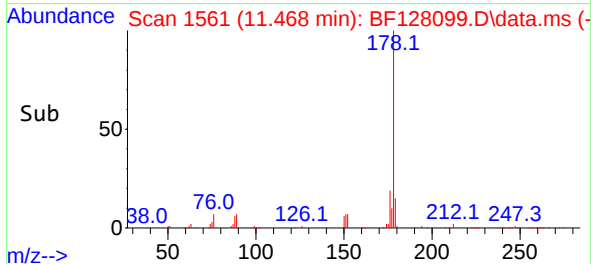
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)



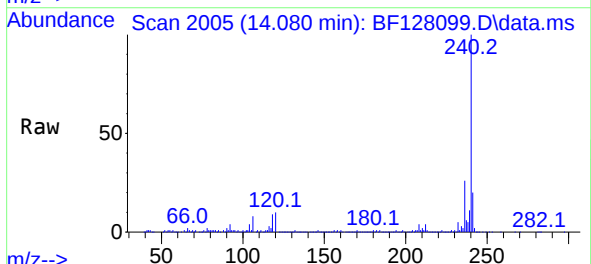
Tgt Ion:178 Resp: 9788
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 18.5 12.6 19.0

Manual Integrations
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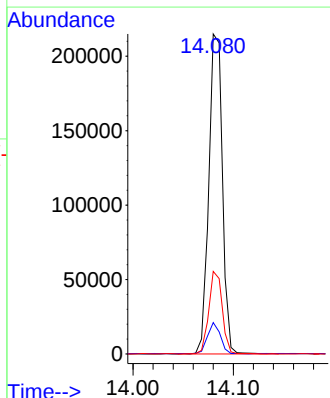
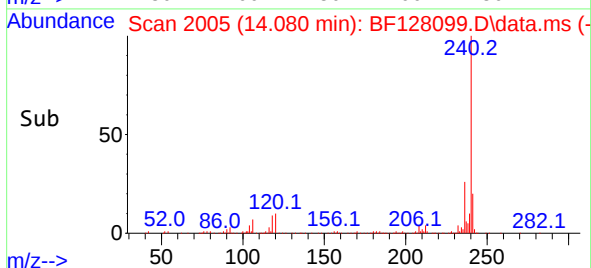
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

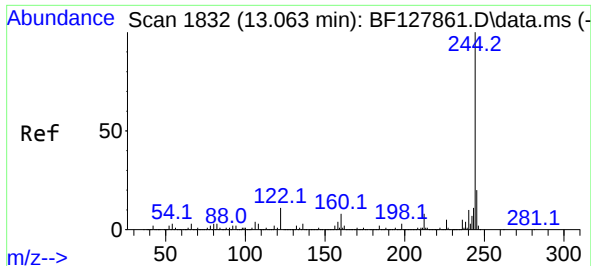


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27



Tgt Ion:240 Resp: 204122
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.8 20.3 30.5





#79
Terphenyl-d14
Concen: 74.810 ng
RT: 13.027 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

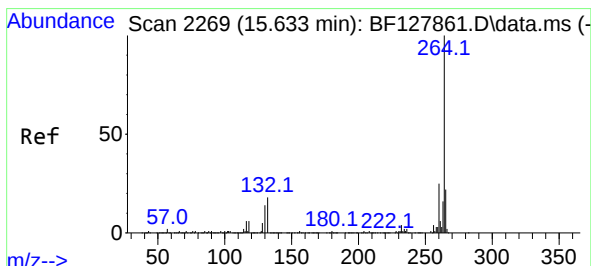
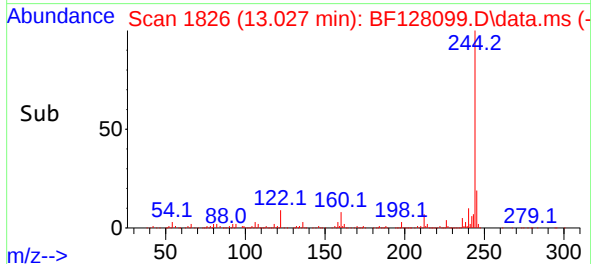
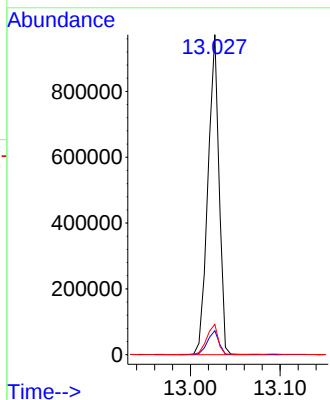
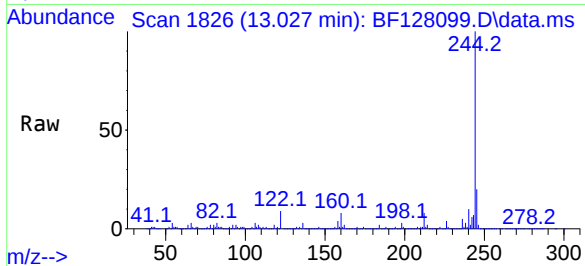
GT-10-(10-12)

Tgt Ion:244 Resp: 835100
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF128099.D
Acq: 05 May 2022 17:27

Tgt Ion:264 Resp: 179186
Ion Ratio Lower Upper
264 100
260 24.1 20.1 30.1
265 20.6 17.5 26.3

