

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128003.D
 Acq On : 29 Apr 2022 19:10
 Operator : CG\JU
 Sample : N2598-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-DRUM-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

Quant Time: May 02 00:58:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	100087	20.000	ng	-0.01
21) Naphthalene-d8	8.210	136	360329	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	163988	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	224379	20.000	ng	# 0.00
76) Chrysene-d12	14.116	240	169695	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	150515	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	821675	130.761	ng	0.00
7) Phenol-d6	6.551	99	1085307	133.107	ng	-0.01
23) Nitrobenzene-d5	7.493	82	769801	100.462	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	211517	128.129	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1122008	115.749	ng	0.00
79) Terphenyl-d14	13.057	244	855161	92.149	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.563	94	23865	2.902	ng	76
31) Naphthalene	8.228	128	100949	5.501	ng	# 90
37) 2-Methylnaphthalene	8.922	142	283120	23.343	ng	99
38) 1-Methylnaphthalene	9.022	142	267296	22.673	ng	99
58) Fluorene	10.522	166	23320m	2.278	ng	
71) Phenanthrene	11.492	178	71370m	6.077	ng	
75) Fluoranthene	12.686	202	55931	4.525	ng	92
78) Pyrene	12.916	202	60866	4.443	ng	# 94
80) Butylbenzylphthalate	13.527	149	31925	5.946	ng	86
81) Benzo(a)anthracene	14.104	228	22743	2.011	ng	# 80
83) Chrysene	14.139	228	29613m	2.741	ng	
84) Bis(2-ethylhexyl)phtha...	14.080	149	453246	63.656	ng	100
88) Benzo(b)fluoranthene	15.180	252	31039m	3.283	ng	

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

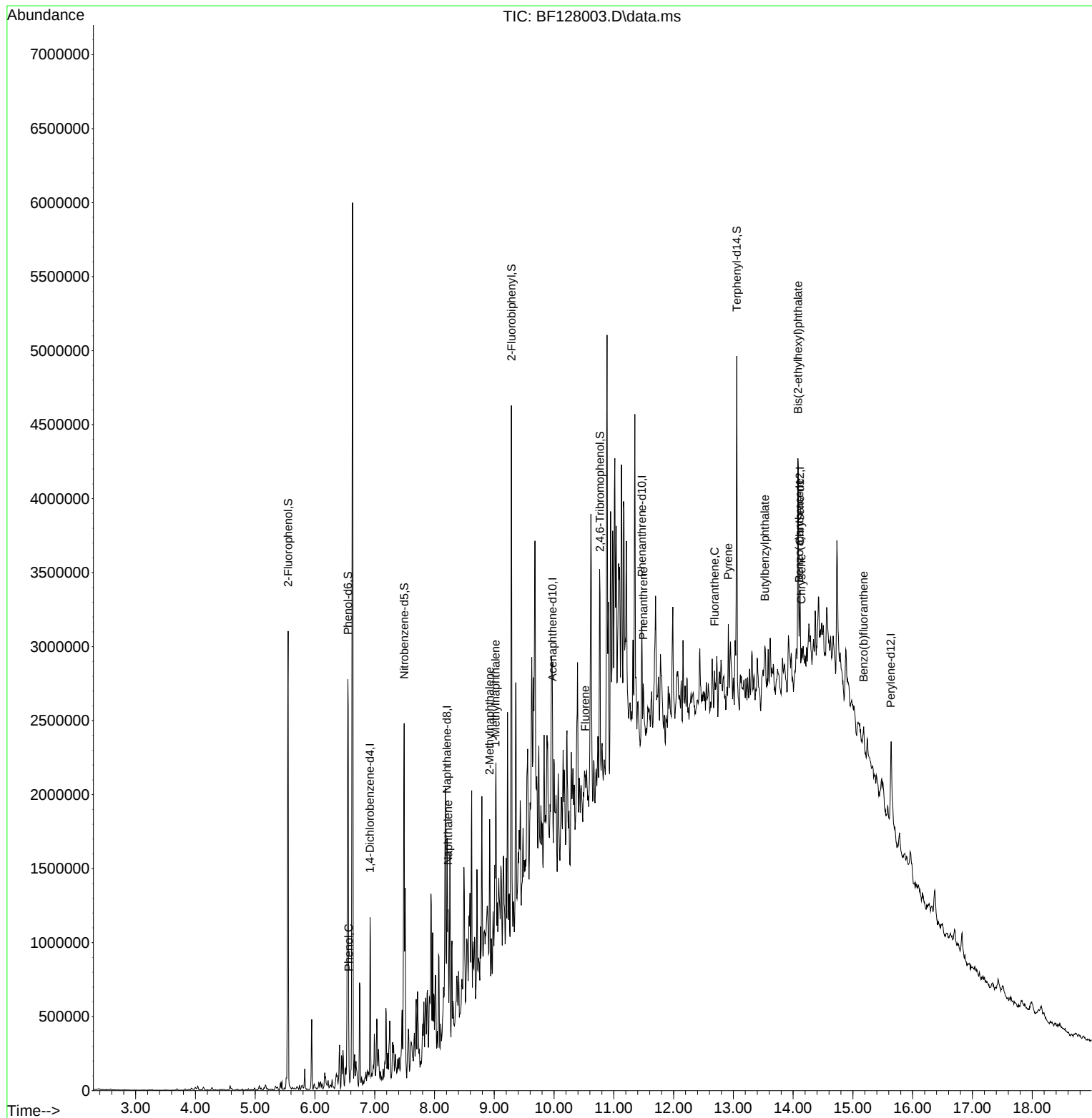
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128003.D
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Operator : CG\JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

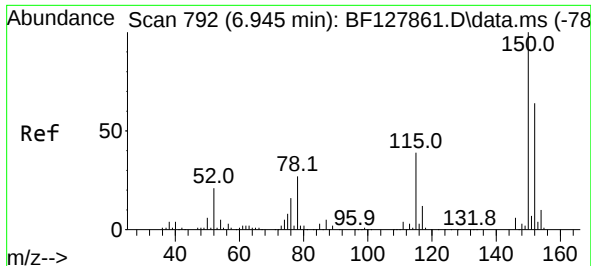
Instrument :
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Quant Time: May 02 00:58:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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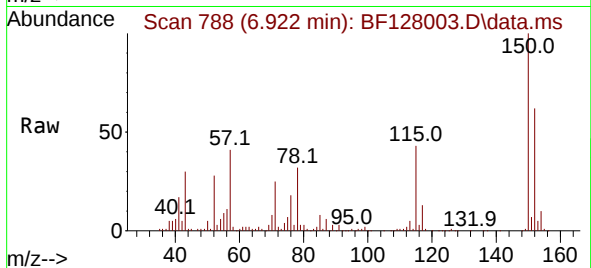
Reviewed By : Christian Giraldo 05/02/2022
Supervised By : Jagrut Upadhyay 05/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

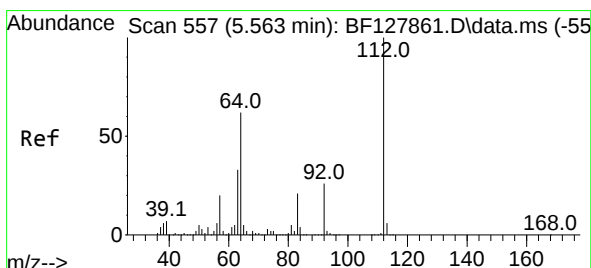
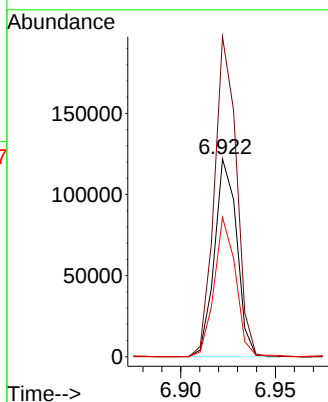
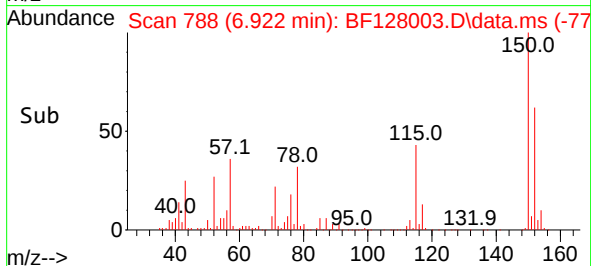
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



Tgt Ion:152 Resp: 10008
Ion Ratio Lower Upper
152 100
150 161.8 125.3 187.9
115 70.3 48.8 73.2

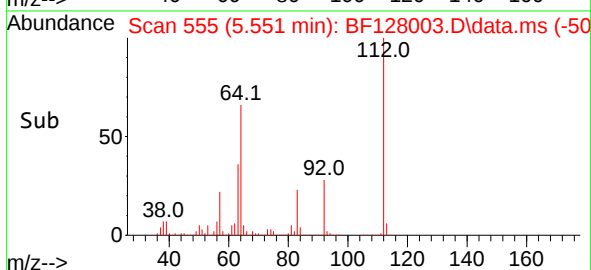
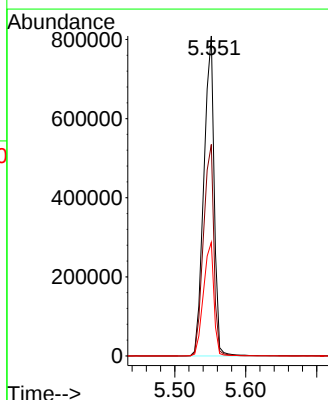
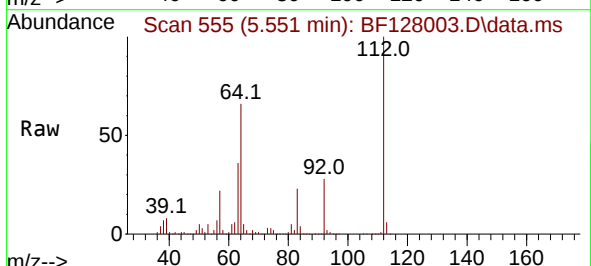
Manual Integrations
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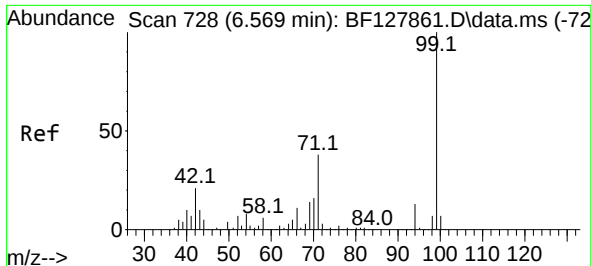
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#5
2-Fluorophenol
Concen: 130.761 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:112 Resp: 821675
Ion Ratio Lower Upper
112 100
64 66.1 49.5 74.3
63 35.5 26.3 39.5





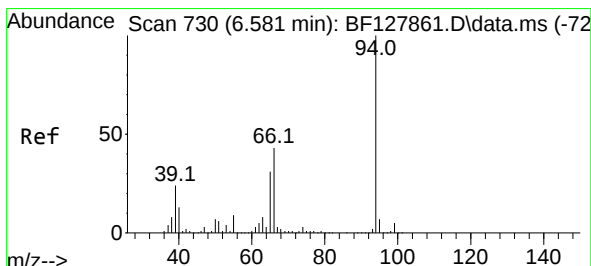
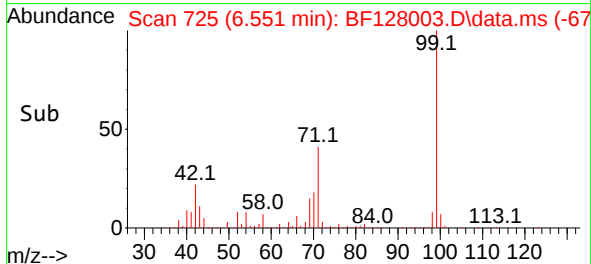
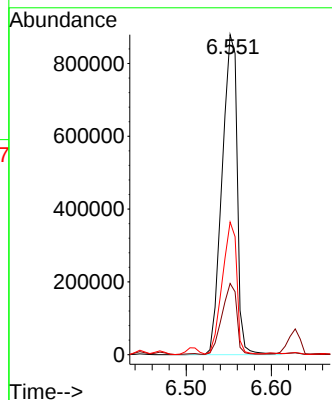
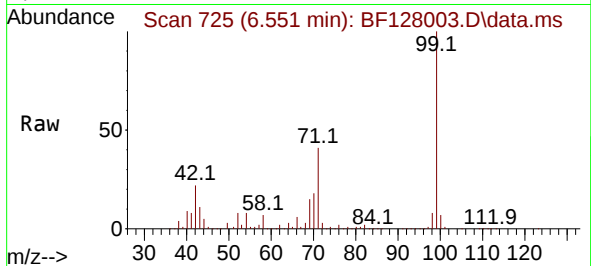
#7
Phenol-d6
Concen: 133.107 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion: 99 Resp: 108530
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.5 30.0 45.0

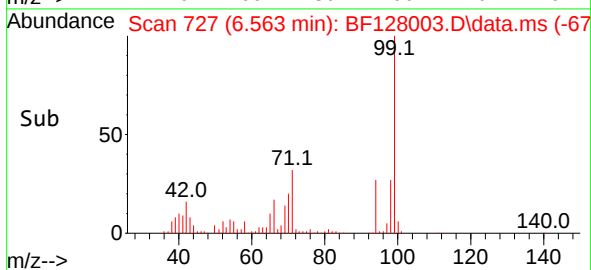
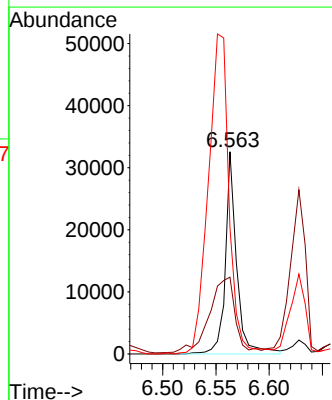
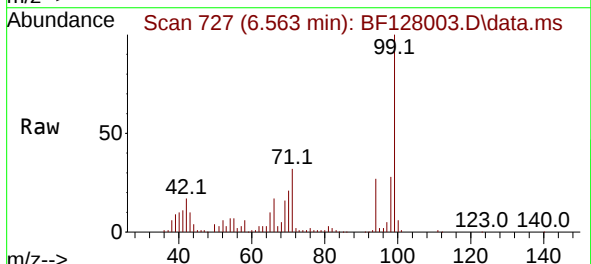
Manual Integrations
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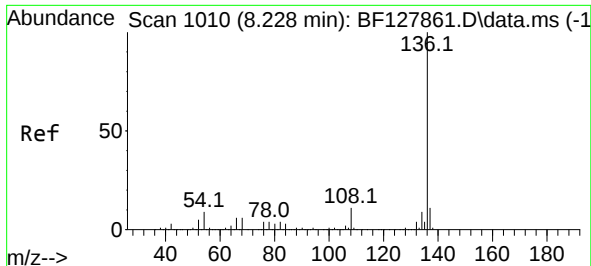
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#10
Phenol
Concen: 2.902 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

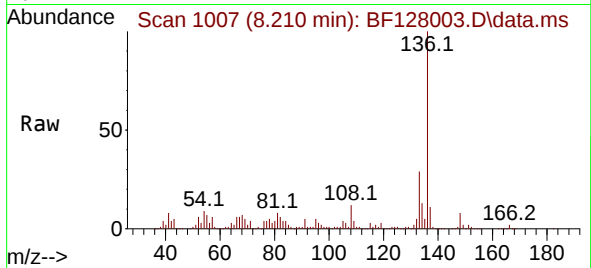
Tgt Ion: 94 Resp: 23865
Ion Ratio Lower Upper
94 100
65 38.0 10.6 50.6
66 62.4 22.6 62.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

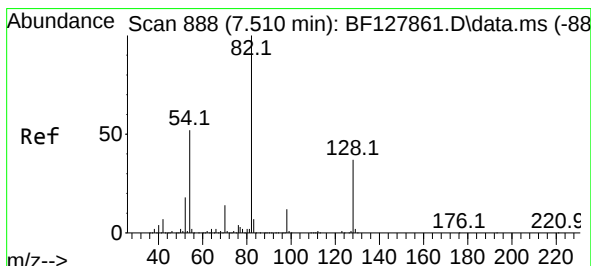
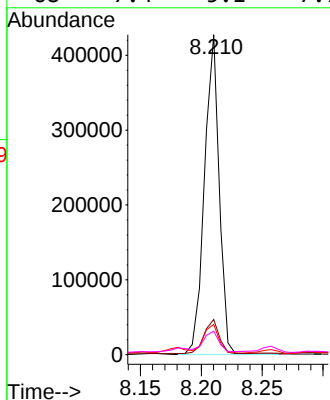
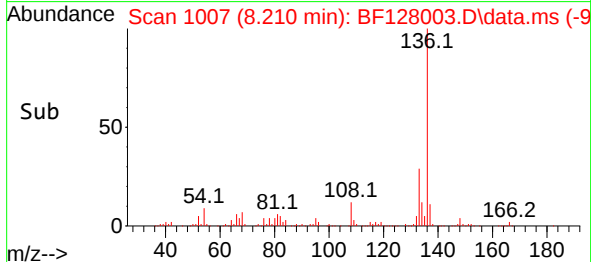
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



Tgt Ion:136 Resp: 360329
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.4 6.8 10.2
68 7.4 5.1 7.7

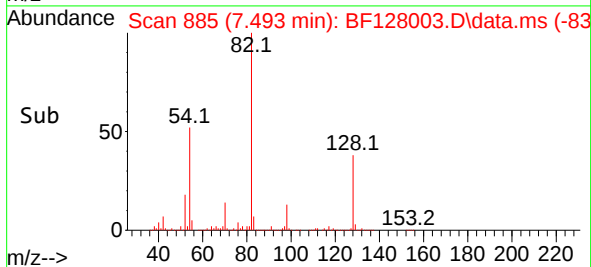
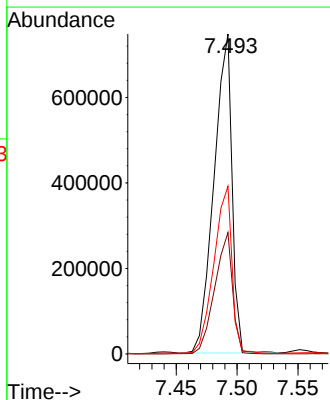
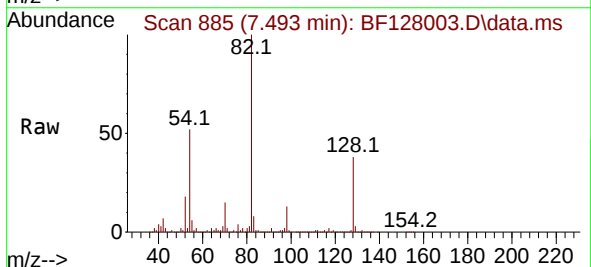
Manual Integrations
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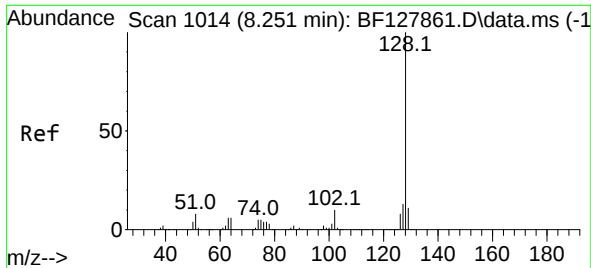
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#23
Nitrobenzene-d5
Concen: 100.462 ng
RT: 7.493 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

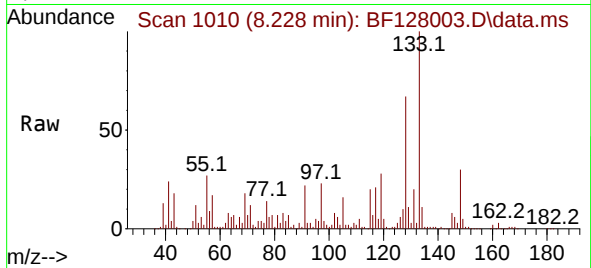
Tgt Ion: 82 Resp: 769801
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 52.4 41.3 61.9





#31
Naphthalene
Concen: 5.501 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

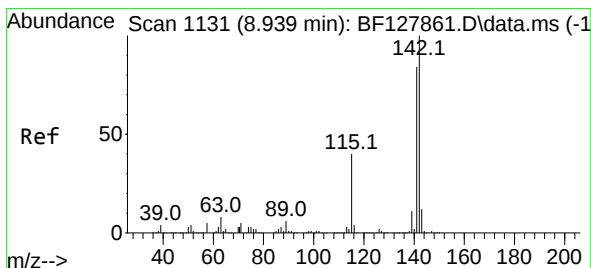
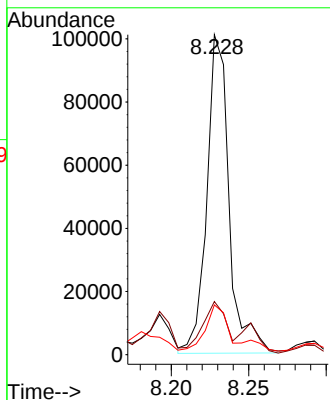
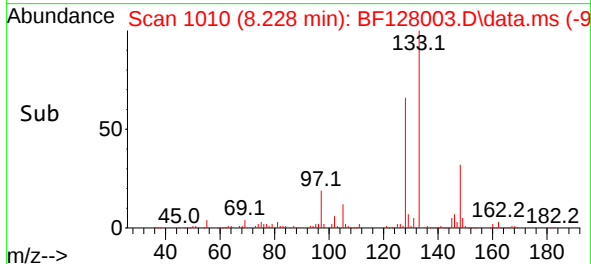
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



Tgt Ion:128 Resp: 100949
Ion Ratio Lower Upper
128 100
129 16.6 9.0 13.4
127 15.5 10.6 16.0

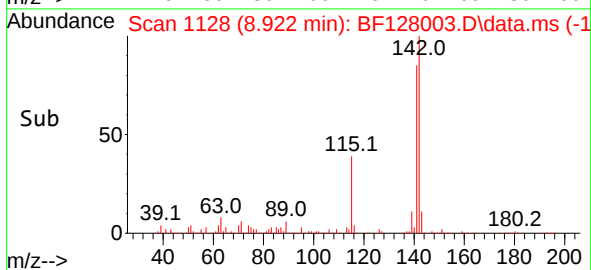
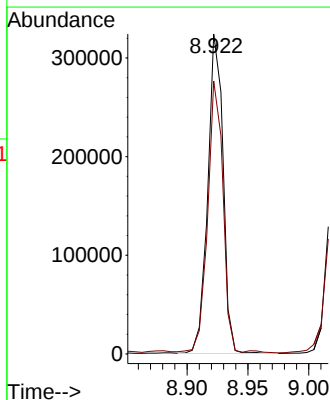
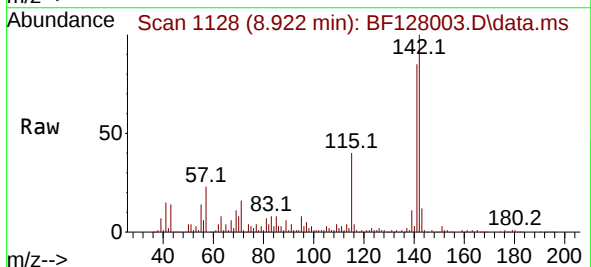
Manual Integrations
APPROVED

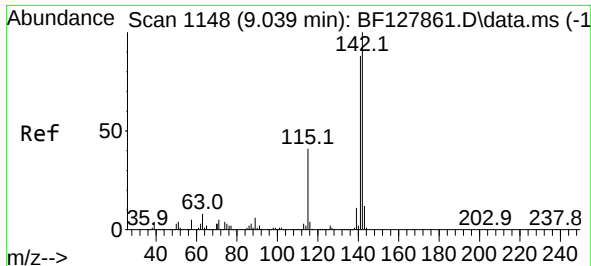
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#37
2-Methylnaphthalene
Concen: 23.343 ng
RT: 8.922 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:142 Resp: 283120
Ion Ratio Lower Upper
142 100
141 85.3 67.4 101.2





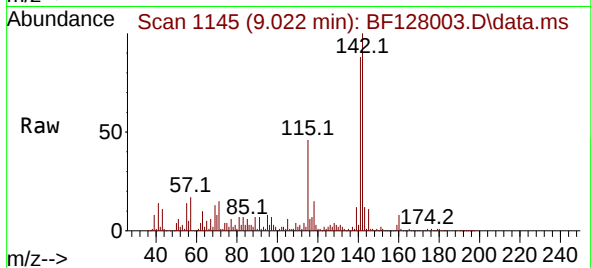
#38
1-Methylnaphthalene
Concen: 22.673 ng
RT: 9.022 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :

BNA_F

ClientSampleId :

OS-DRUM-COMP

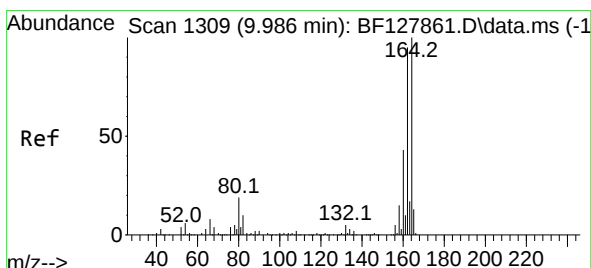
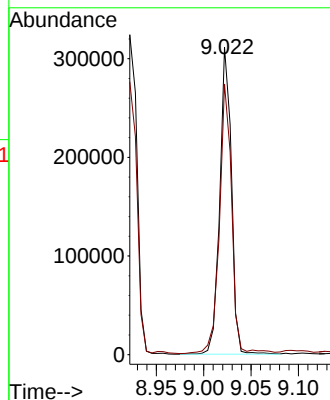
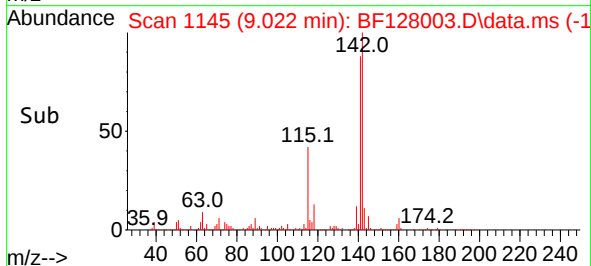


Tgt Ion:142 Resp: 267290
Ion Ratio Lower Upper
142 100
141 88.1 70.1 105.1

Manual Integrations

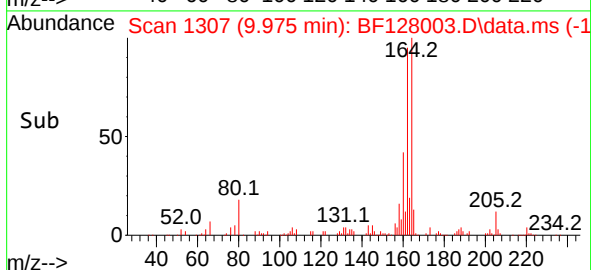
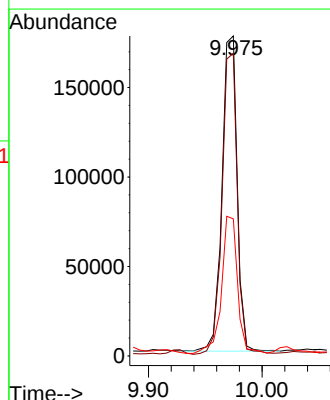
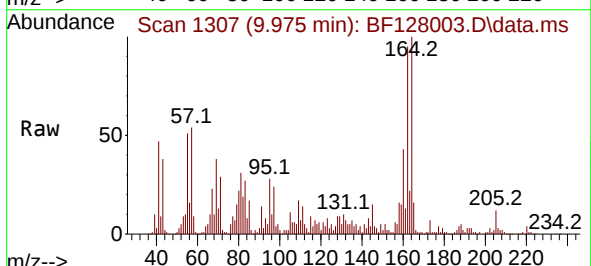
APPROVED

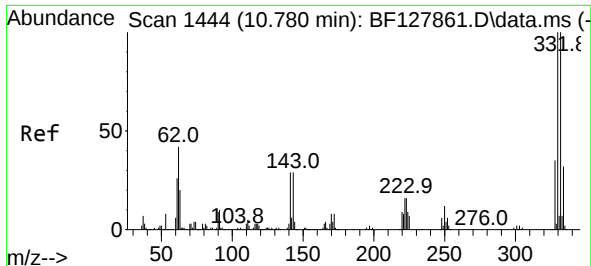
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:164 Resp: 163988
Ion Ratio Lower Upper
164 100
162 94.6 76.0 114.0
160 42.9 34.8 52.2





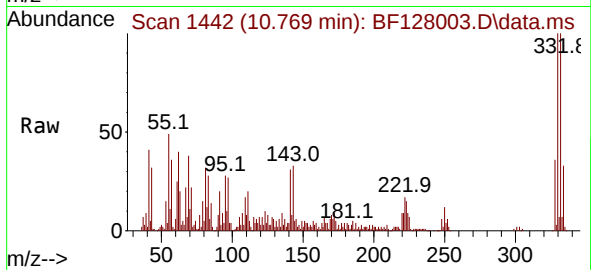
#42
2,4,6-Tribromophenol
Concen: 128.129 ng
RT: 10.769 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :

BNA_F

ClientSampleId :

OS-DRUM-COMP

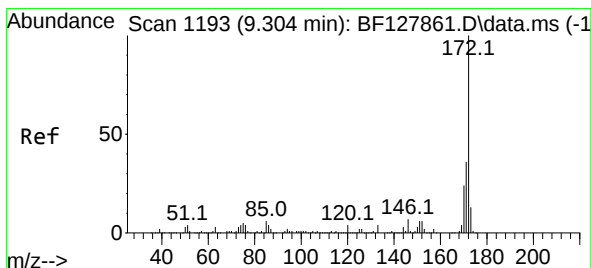
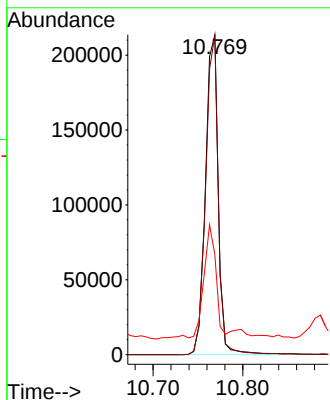
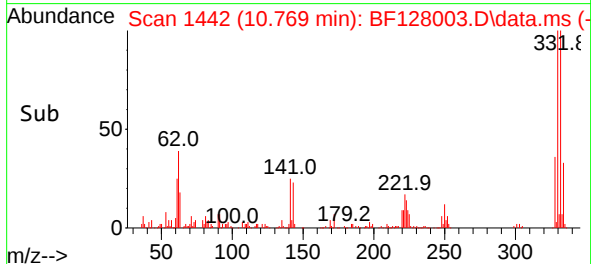


Tgt Ion: 330 Resp: 211517
Ion Ratio Lower Upper
330 100
332 98.5 79.0 118.4
141 34.9 28.9 43.3

Manual Integrations

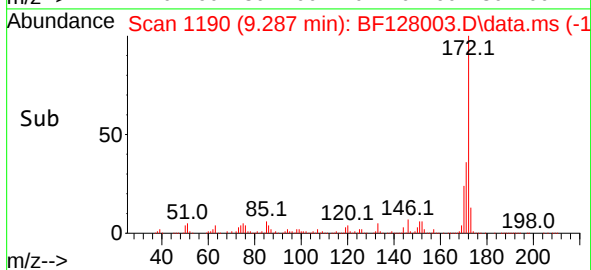
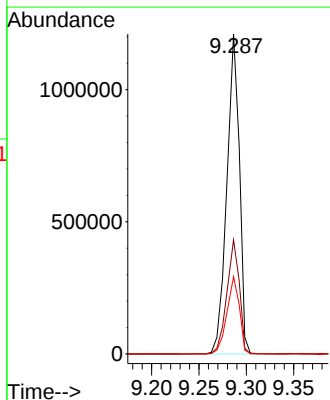
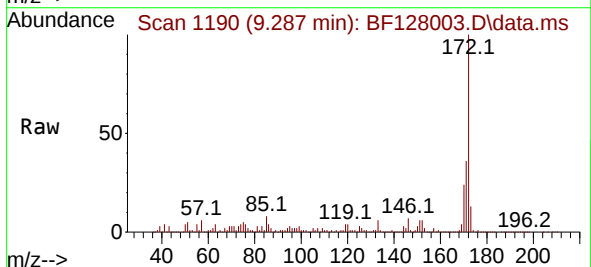
APPROVED

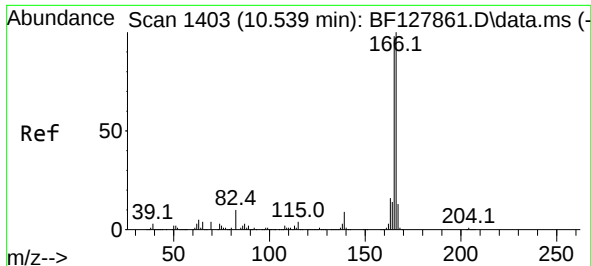
Reviewed By : Christian Giraldo 05/02/2022
Supervised By : Jagrut Upadhyay 05/02/2022



#45
2-Fluorobiphenyl
Concen: 115.749 ng
RT: 9.287 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

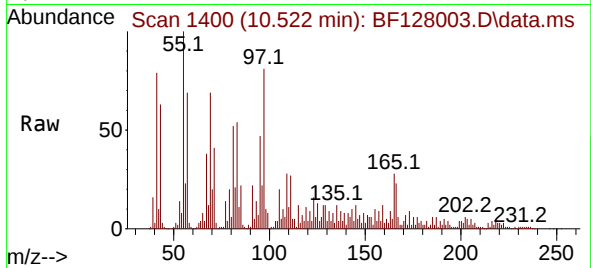
Tgt Ion: 172 Resp: 1122008
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.2 19.1 28.7





#58
Fluorene
Concen: 2.278 ng m
RT: 10.522 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

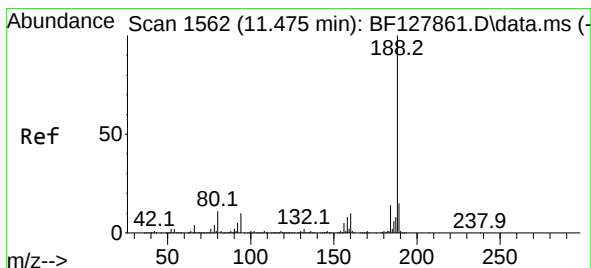
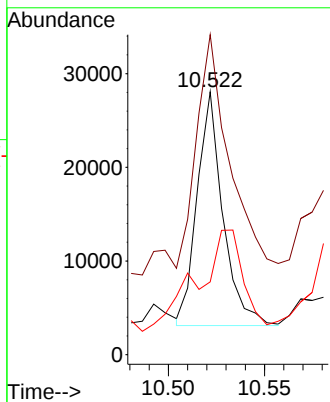
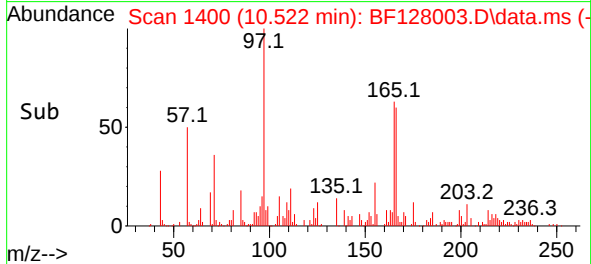
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



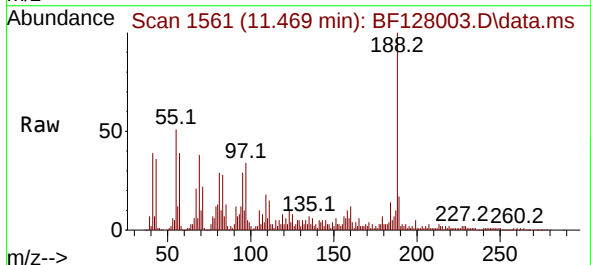
Tgt Ion:166 Resp: 23320
Ion Ratio Lower Upper
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165 121.8 78.6 117.8
167 27.7 10.5 15.7

Manual Integrations
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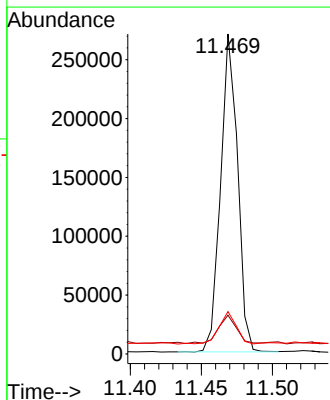
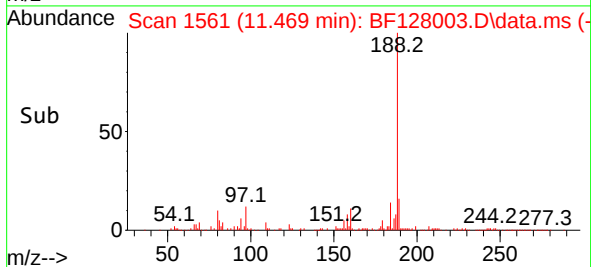
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Supervised By :Jagrut Upadhyay 05/02/2022

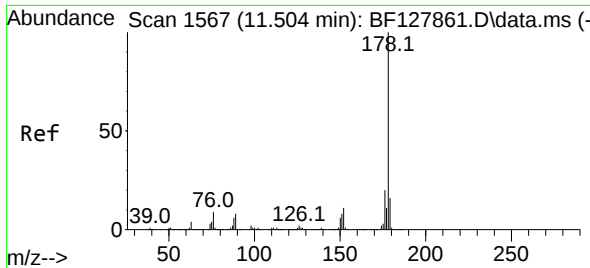


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10



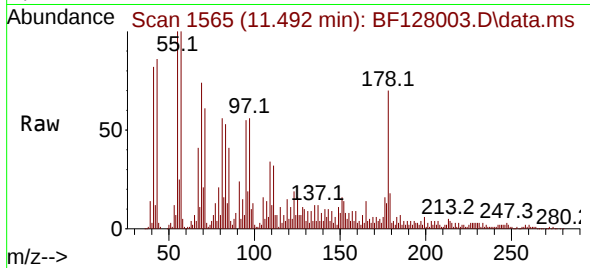
Tgt Ion:188 Resp: 224379
Ion Ratio Lower Upper
188 100
94 12.1 8.0 12.0
80 13.3 8.9 13.3





#71
Phenanthrene
Concen: 6.077 ng m
RT: 11.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

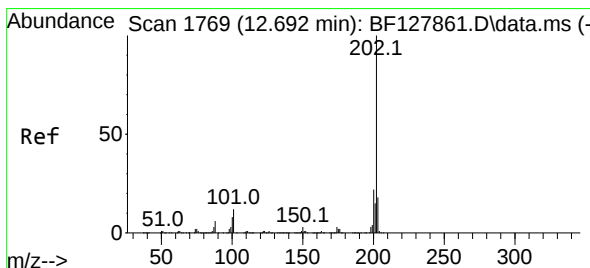
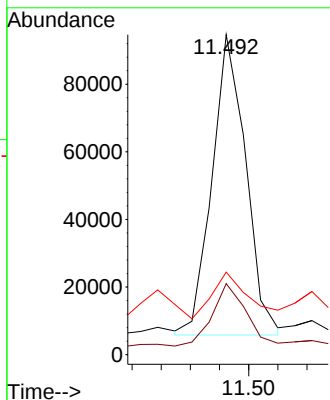
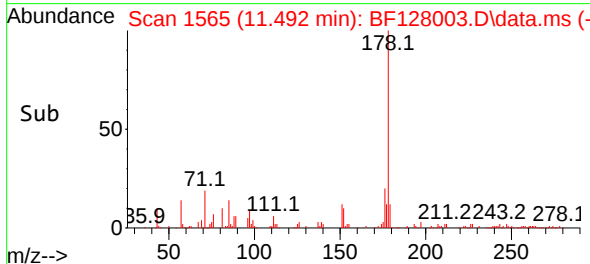
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



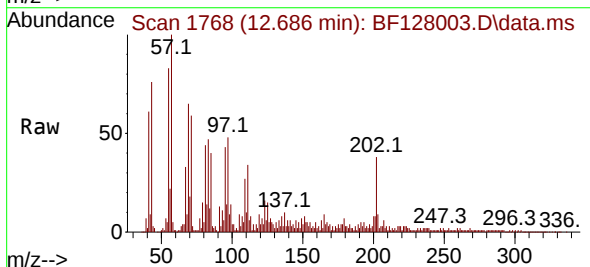
Tgt Ion:178 Resp: 71370
Ion Ratio Lower Upper
178 100
176 22.2 15.7 23.5
179 25.8 12.6 19.0

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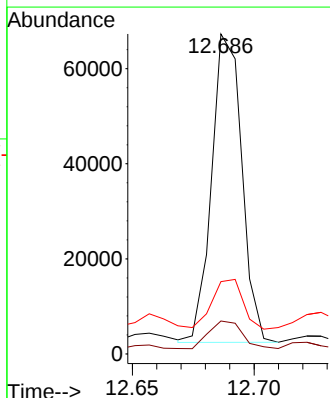
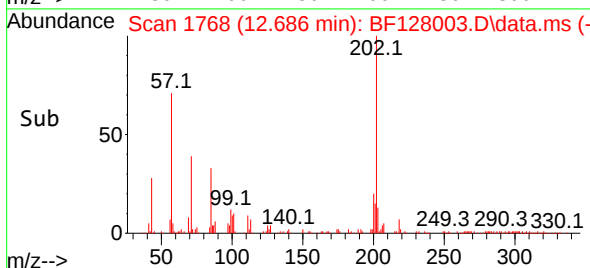
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

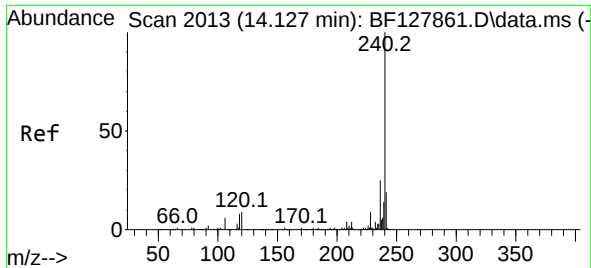


#75
Fluoranthene
Concen: 4.525 ng
RT: 12.686 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10



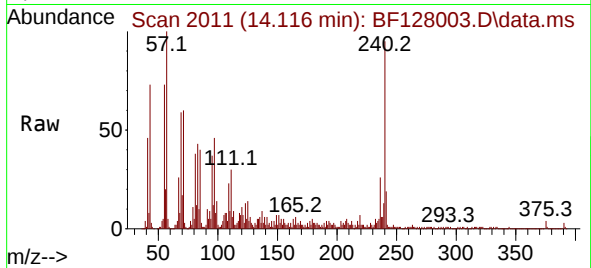
Tgt Ion:202 Resp: 55931
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.6
203 22.6 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

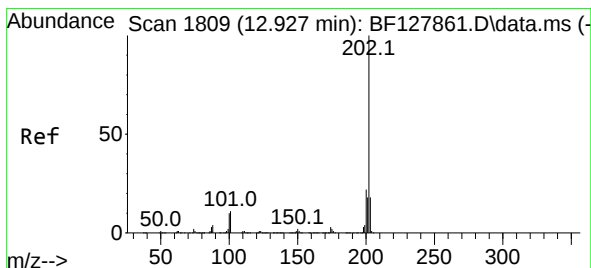
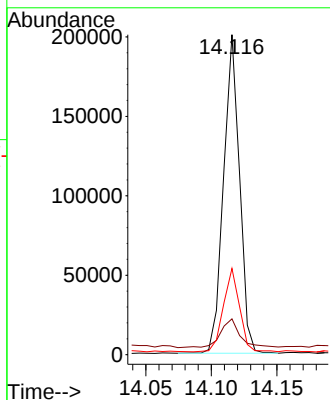
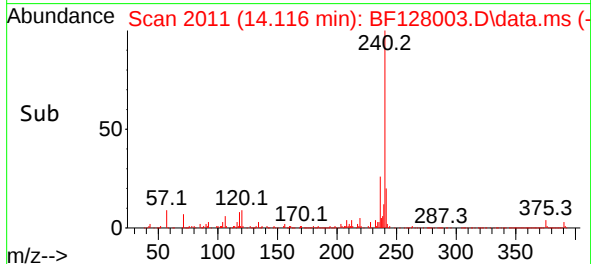
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



Tgt Ion:240 Resp: 16969
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6
236 27.0 20.3 30.5

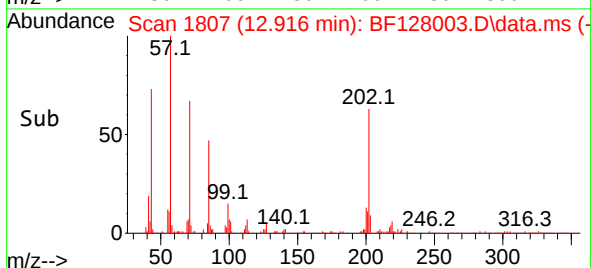
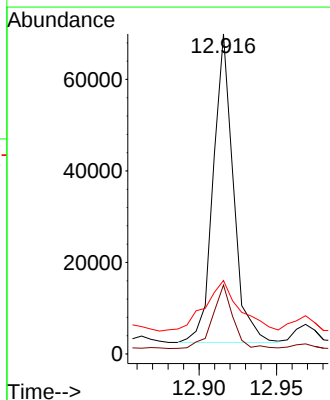
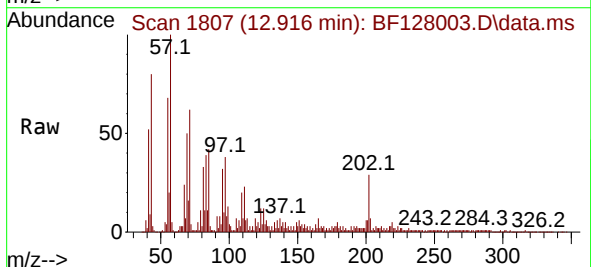
Manual Integrations
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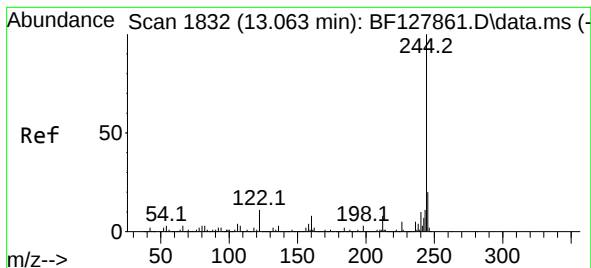
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#78
Pyrene
Concen: 4.443 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:202 Resp: 60866
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 23.0 14.0 21.0#





#79

Terphenyl-d14

Concen: 92.149 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF128003.D

Acq: 29 Apr 2022 19:10

Instrument :

BNA_F

ClientSampleId :

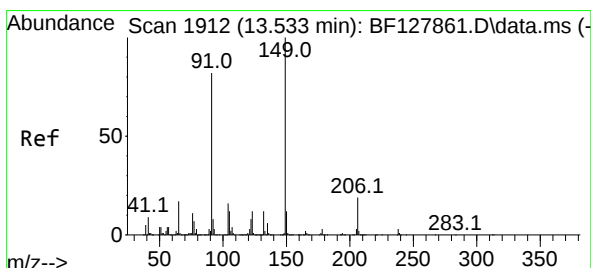
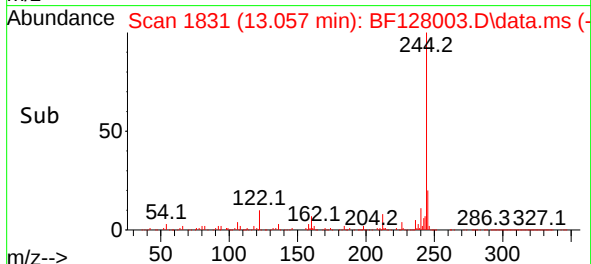
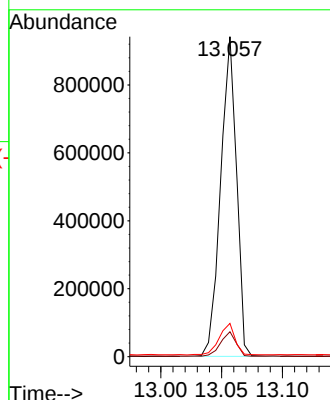
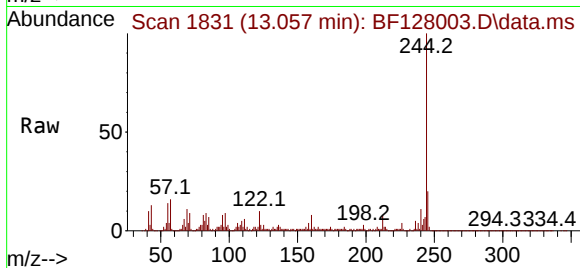
OS-DRUM-COMP

Tgt Ion:244 Resp: 85516
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.4 8.6 12.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022



#80

Butylbenzylphthalate

Concen: 5.946 ng

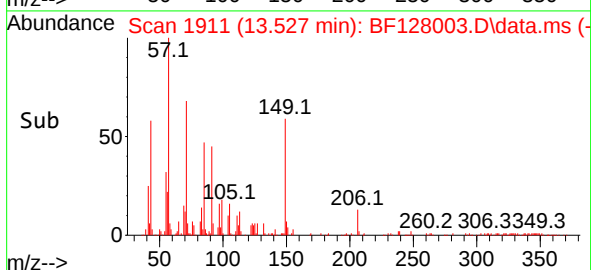
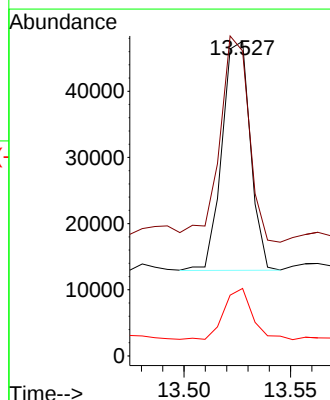
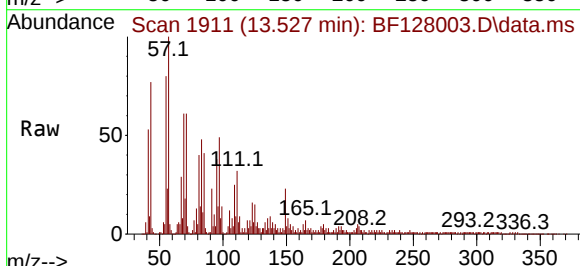
RT: 13.527 min Scan# 1911

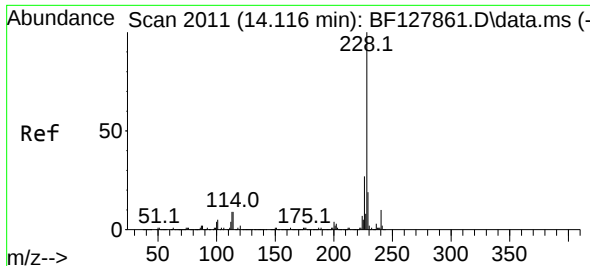
Delta R.T. 0.000 min

Lab File: BF128003.D

Acq: 29 Apr 2022 19:10

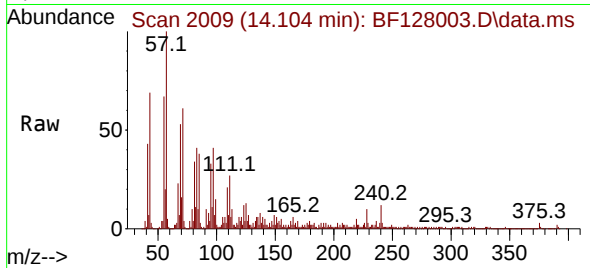
Tgt Ion:149 Resp: 31925
 Ion Ratio Lower Upper
 149 100
 91 96.9 65.8 98.6
 206 21.5 15.4 23.2





#81
Benzo(a)anthracene
Concen: 2.011 ng
RT: 14.104 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

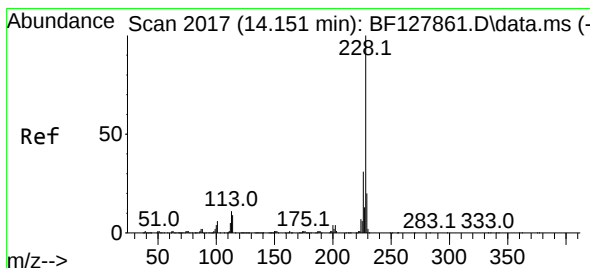
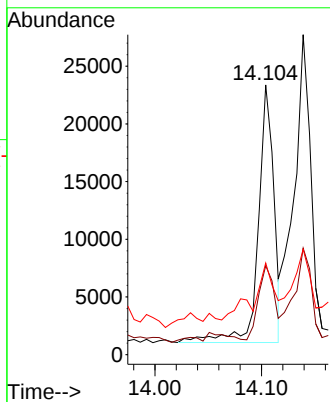
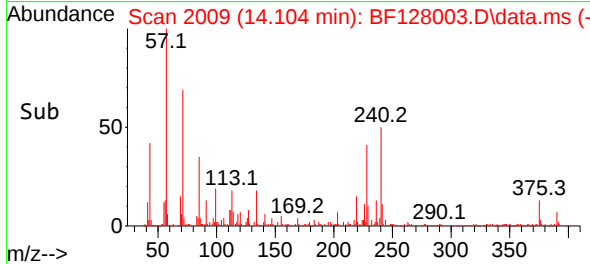
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



Tgt Ion:228 Resp: 2274
Ion Ratio Lower Upper
228 100
226 33.0 21.7 32.5
229 34.0 15.4 23.2

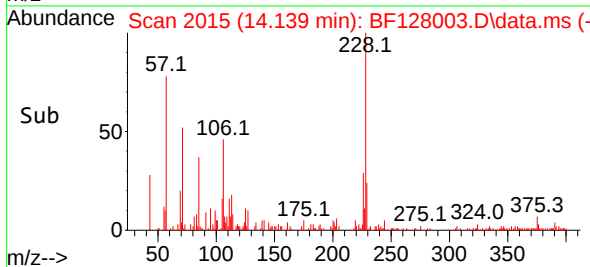
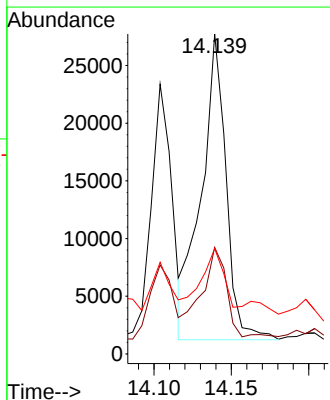
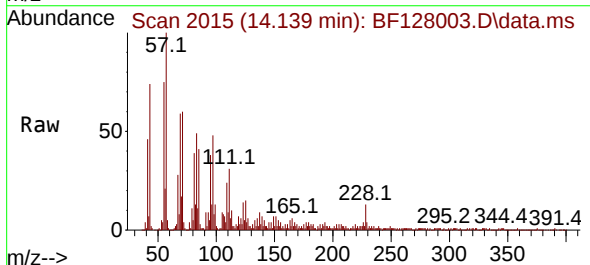
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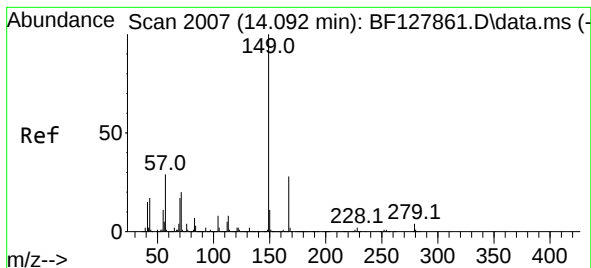
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#83
Chrysene
Concen: 2.741 ng m
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:228 Resp: 29613
Ion Ratio Lower Upper
228 100
226 33.3 24.4 36.6
229 32.9 15.8 23.8





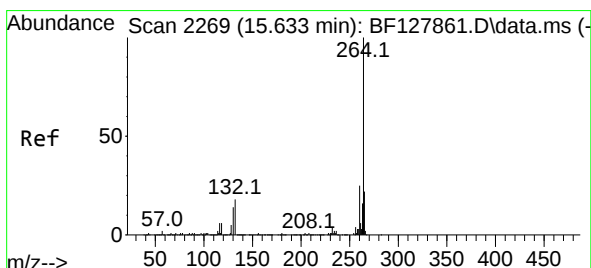
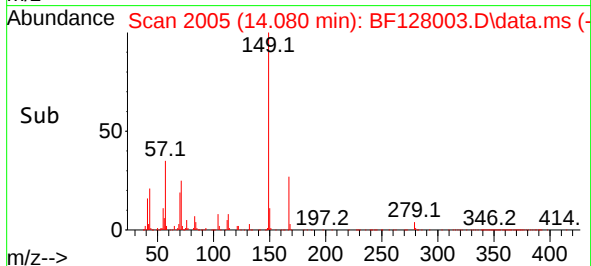
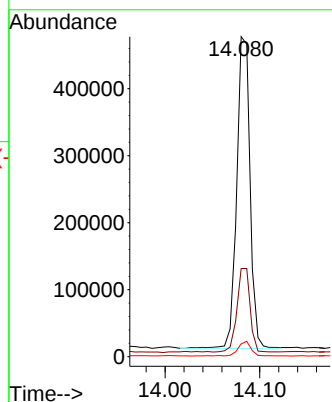
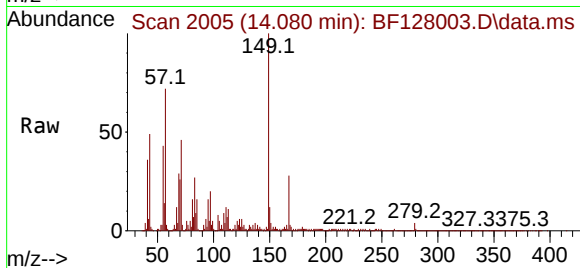
#84
Bis(2-ethylhexyl)phthalate
Concen: 63.656 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:149 Resp: 453240
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.0 3.4 5.0

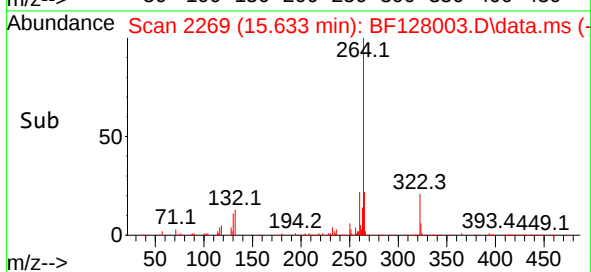
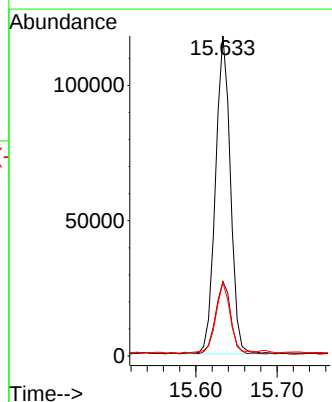
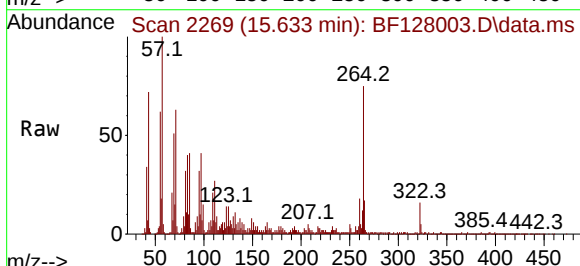
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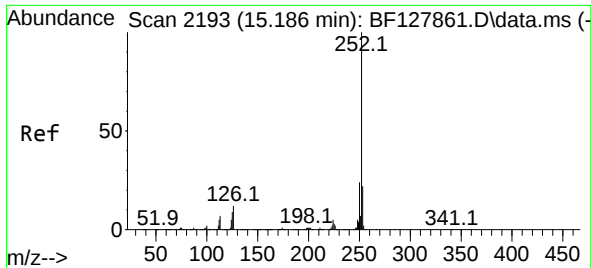
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. 0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

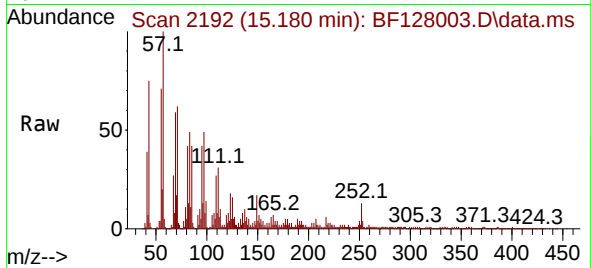
Tgt Ion:264 Resp: 150515
Ion Ratio Lower Upper
264 100
260 23.3 20.1 30.1
265 22.9 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 3.283 ng m
RT: 15.180 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP



Tgt Ion:252 Resp: 31039
Ion Ratio Lower Upper
252 100
253 34.2 17.4 26.2
125 131.0 7.4 11.2

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/02/2022

