

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128793.D
 Acq On : 13 Jun 2022 19:45
 Operator : CG\JU
 Sample : N3296-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-060922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 14 01:57:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	67054	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	236532	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	109667	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	175309	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	137909	20.000	ng	0.00
86) Perylene-d12	15.462	264	98859	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	409582	97.294	ng	0.00
7) Phenol-d6	6.469	99	497815	96.876	ng	-0.01
23) Nitrobenzene-d5	7.375	82	307363	60.501	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	105143	81.143	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	573620	73.270	ng	0.00
79) Terphenyl-d14	12.927	244	491601	61.941	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	22845	2.598	ng	96
75) Fluoranthene	12.557	202	30289	3.295	ng	91
78) Pyrene	12.786	202	44018	4.290	ng	96
83) Chrysene	14.010	228	18832	2.298	ng	# 86
88) Benzo(b)fluoranthene	15.027	252	16417m	2.599	ng	
90) Benzo(a)pyrene	15.398	252	11188	2.253	ng	# 1

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

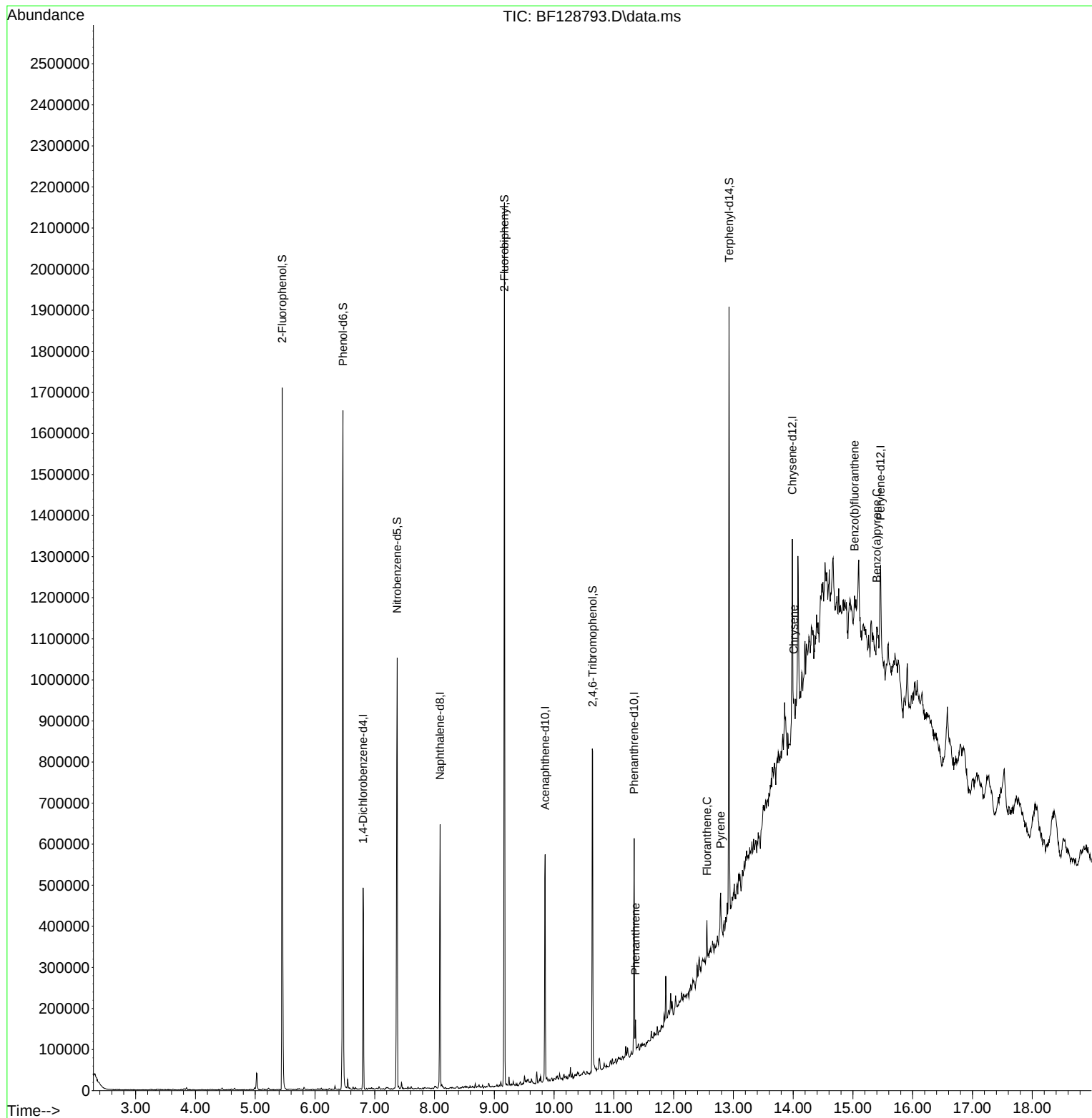
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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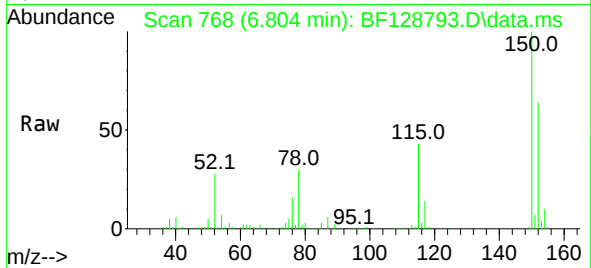
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

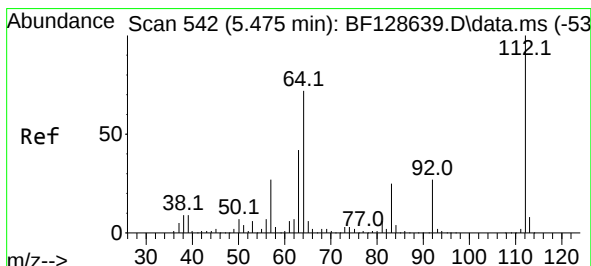
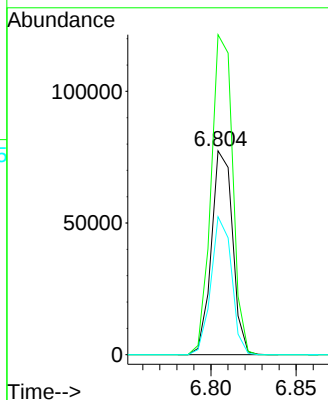
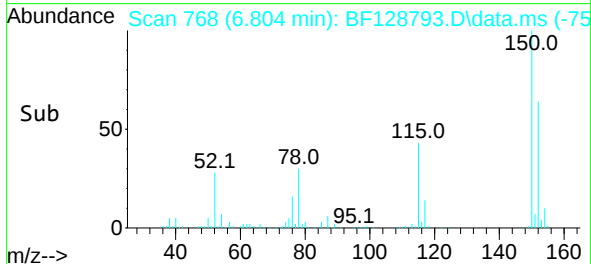
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



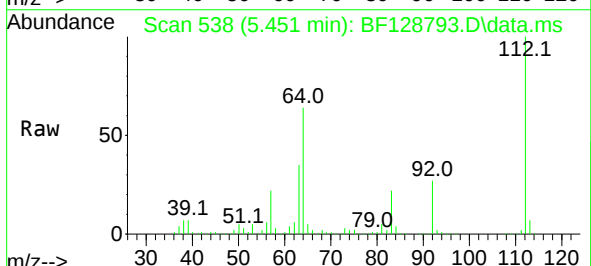
Tgt Ion:152 Resp: 67054
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 67.7 49.9 74.9

Manual Integrations
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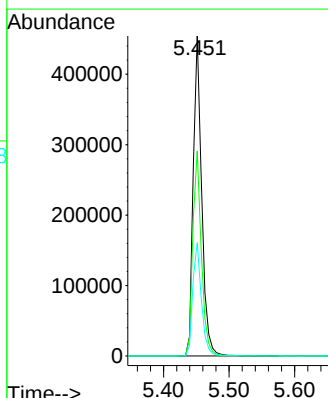
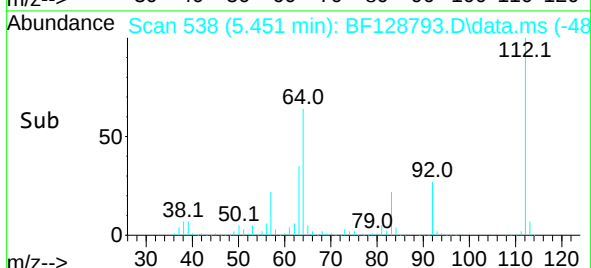
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

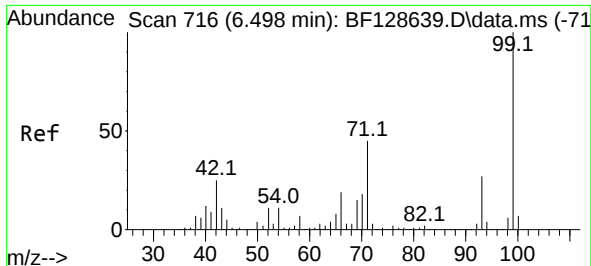


#5
2-Fluorophenol
Concen: 97.294 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45



Tgt Ion:112 Resp: 409582
Ion Ratio Lower Upper
112 100
64 64.1 53.3 79.9
63 35.4 28.0 42.0





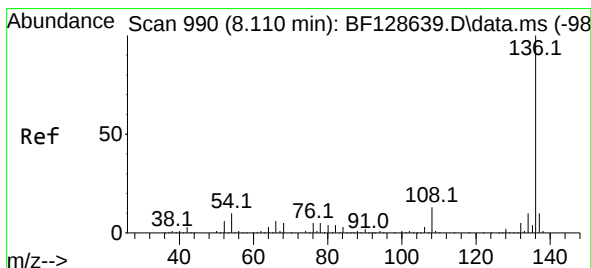
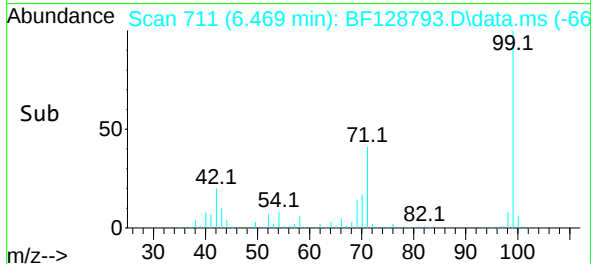
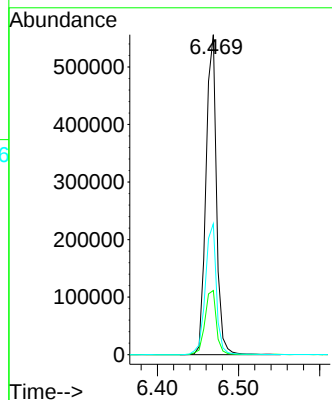
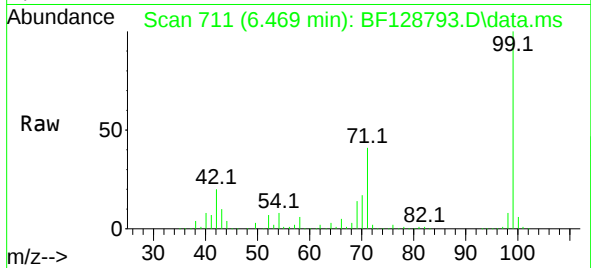
#7
Phenol-d6
Concen: 96.876 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Tgt Ion: 99 Resp: 497815
Ion Ratio Lower Upper
99 100
42 20.0 17.3 25.9
71 40.9 28.9 43.3

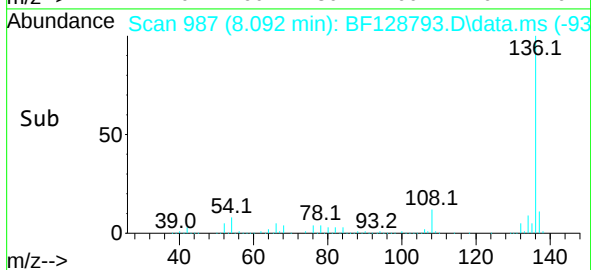
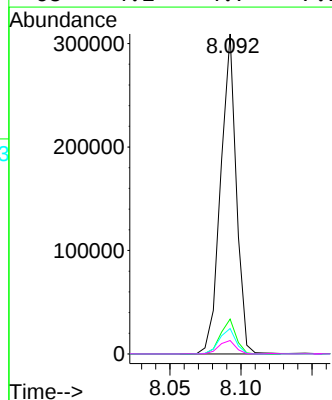
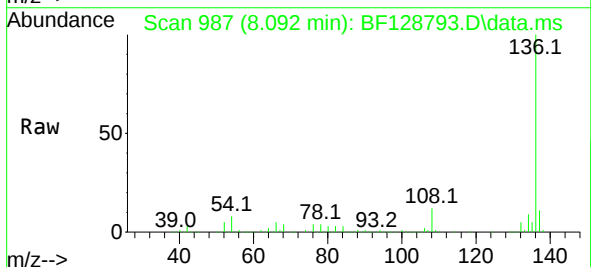
Manual Integrations
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Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:136 Resp: 236532
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.5 11.3
68 4.2 4.7 7.1#





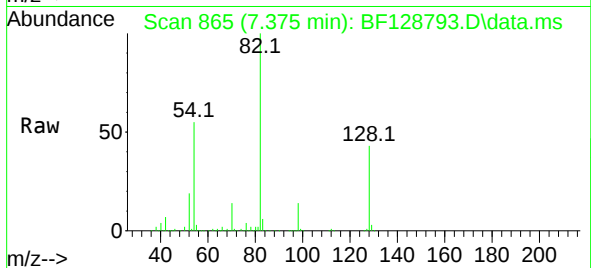
#23
Nitrobenzene-d5
Concen: 60.501 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Instrument :

BNA_F

ClientSampleId :

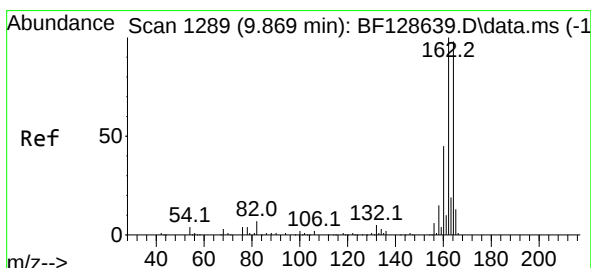
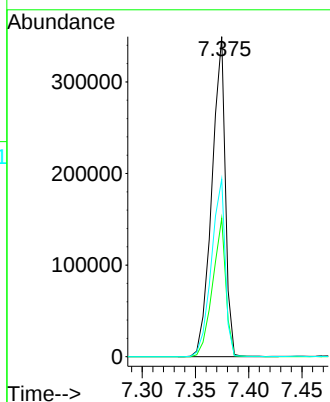
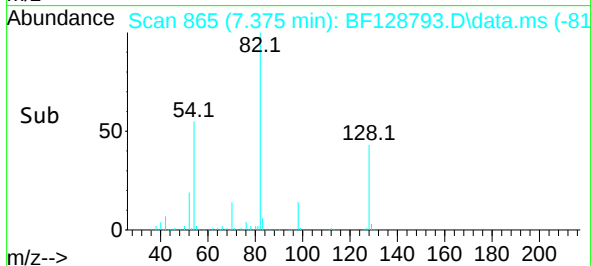
OK-03-060922



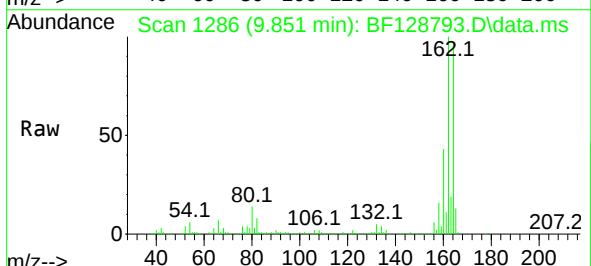
Tgt Ion: 82 Resp: 30736
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 55.5 46.9 70.3

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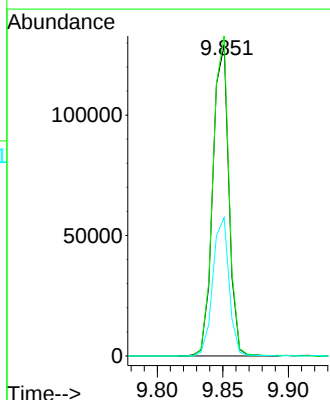
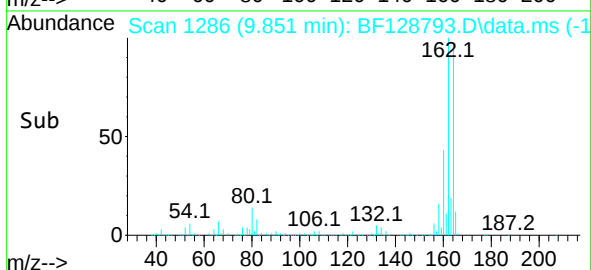
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45



Tgt Ion:164 Resp: 109667
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.5 34.2 51.4





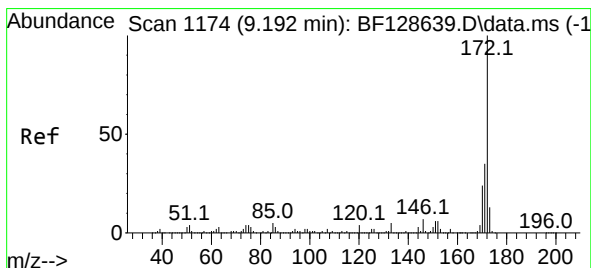
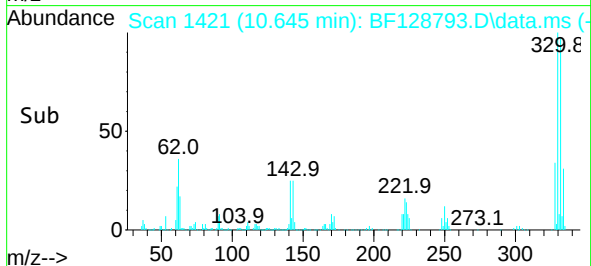
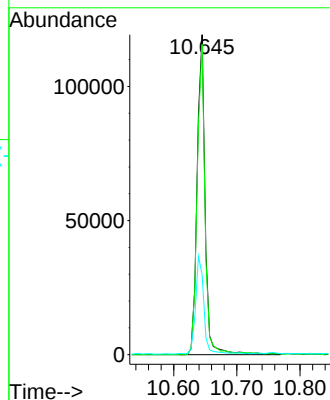
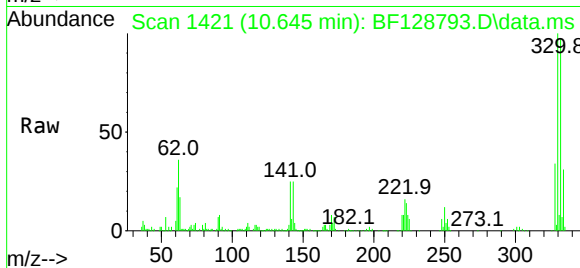
#42
2,4,6-Tribromophenol
Concen: 81.143 ng
RT: 10.645 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Tgt Ion:330 Resp: 10514
Ion Ratio Lower Upper
330 100
332 94.0 76.8 115.2
141 31.3 28.0 42.0

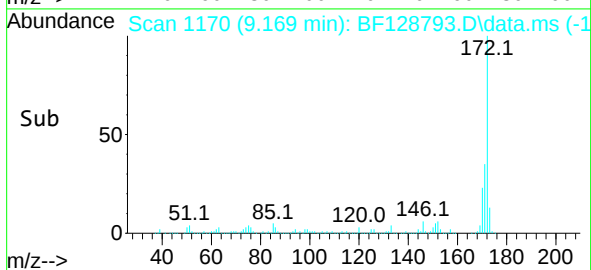
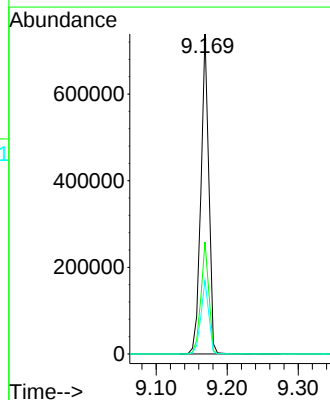
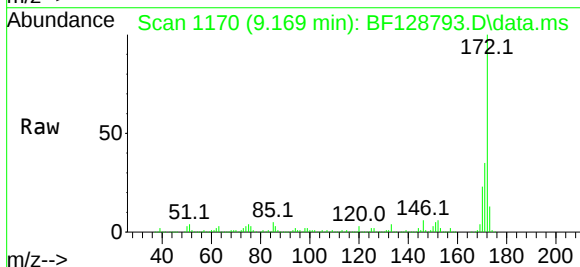
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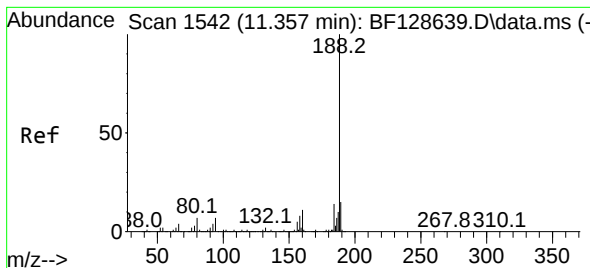
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#45
2-Fluorobiphenyl
Concen: 73.270 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

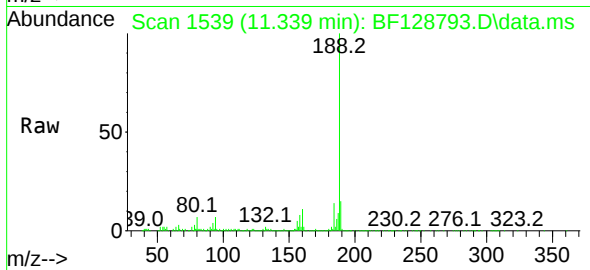
Tgt Ion:172 Resp: 573620
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

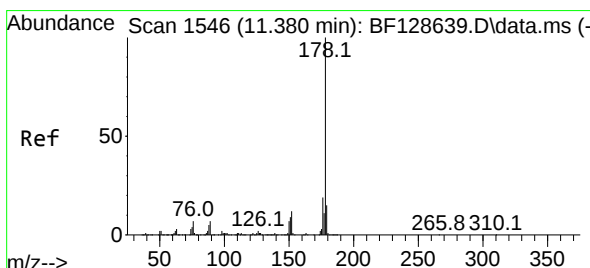
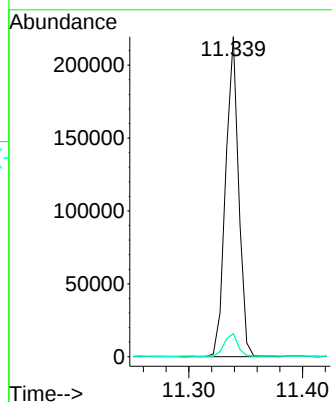
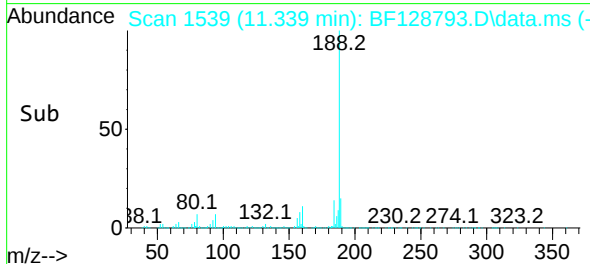
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



Tgt Ion:188 Resp: 175309
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.3 7.6 11.4

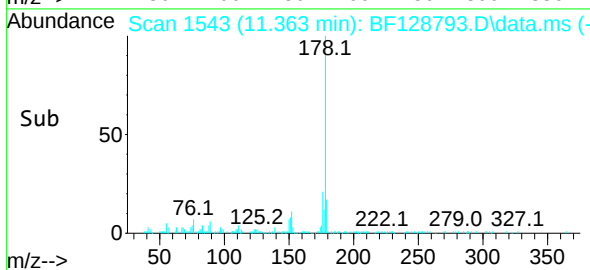
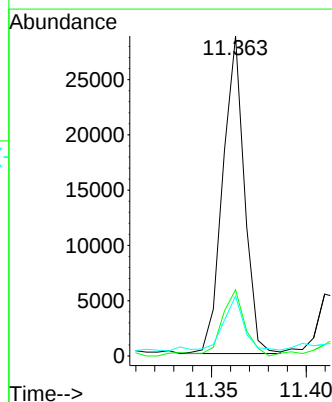
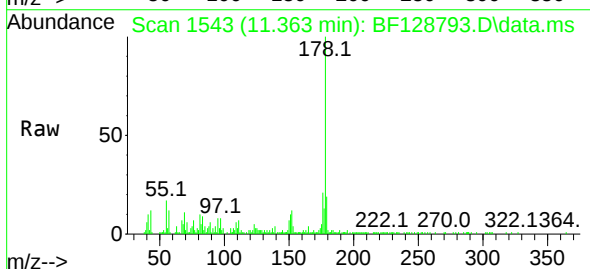
Manual Integrations
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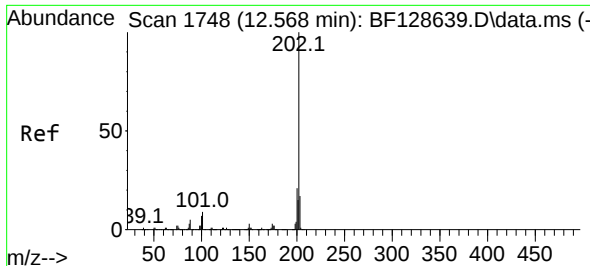
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#71
Phenanthrene
Concen: 2.598 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

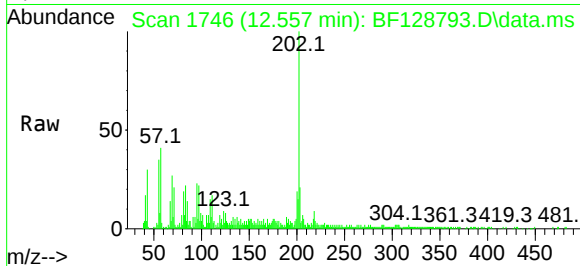
Tgt Ion:178 Resp: 22845
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 18.8 12.6 19.0





#75
Fluoranthene
Concen: 3.295 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

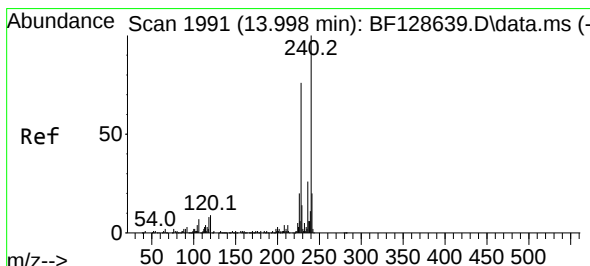
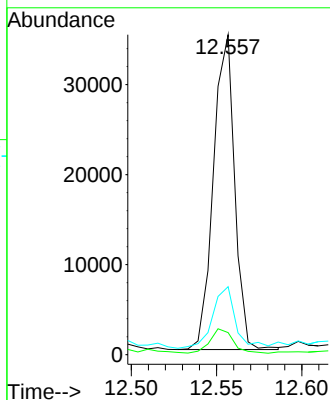
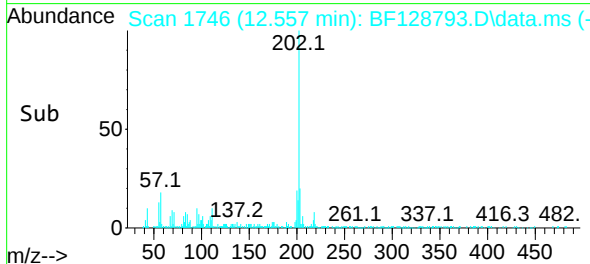
Instrument :
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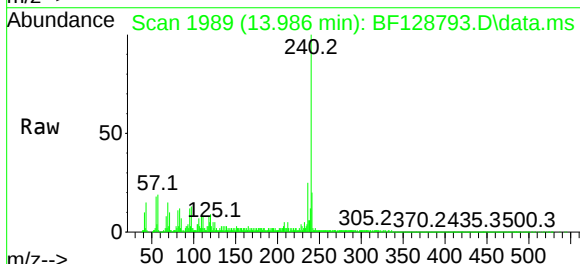
Tgt Ion:202 Resp: 30289
Ion Ratio Lower Upper
202 100
101 6.9 0.0 31.4
203 21.2 0.0 38.0

Manual Integrations
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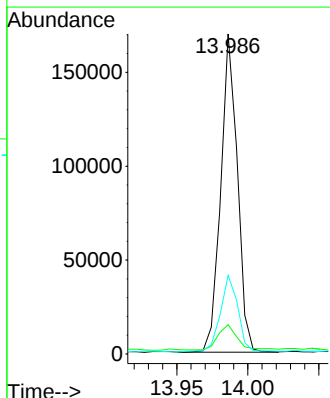
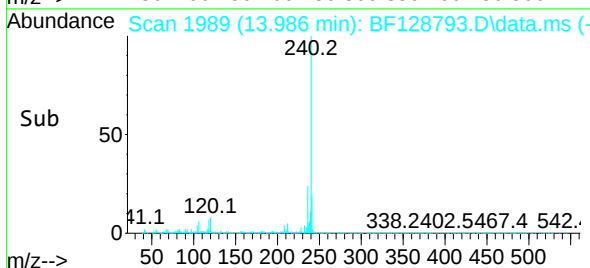
Reviewed By :Christian Giraldo 06/14/2022
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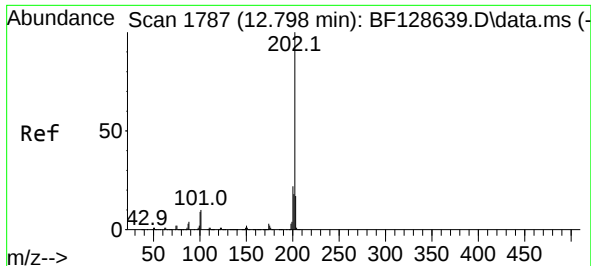


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45



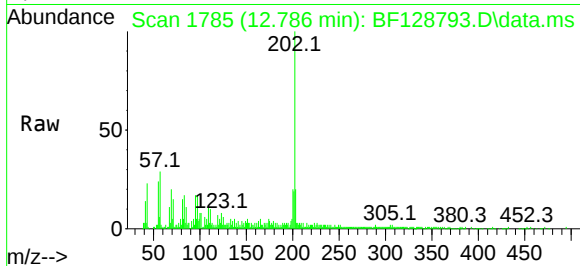
Tgt Ion:240 Resp: 137909
Ion Ratio Lower Upper
240 100
120 9.2 8.9 13.3
236 24.6 20.8 31.2





#78
Pyrene
Concen: 4.290 ng
RT: 12.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

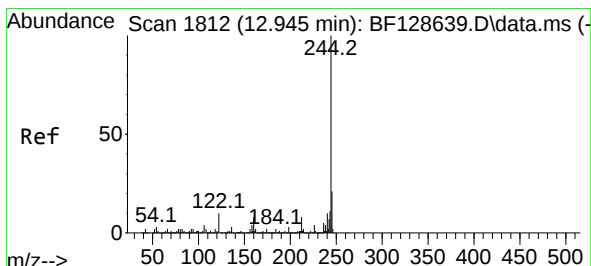
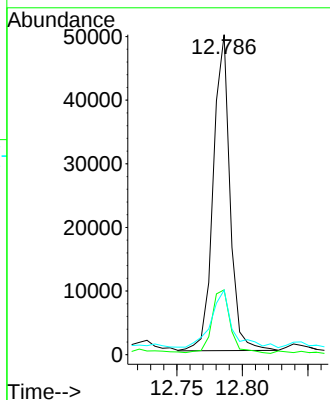
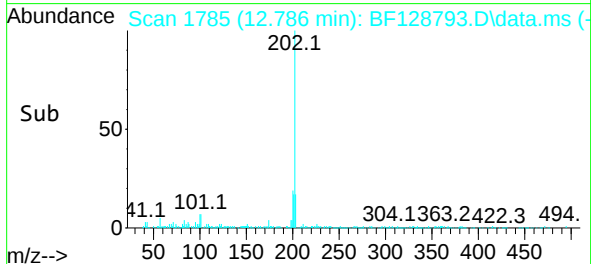
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



Tgt Ion:202 Resp: 44018
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 20.2 14.6 21.8

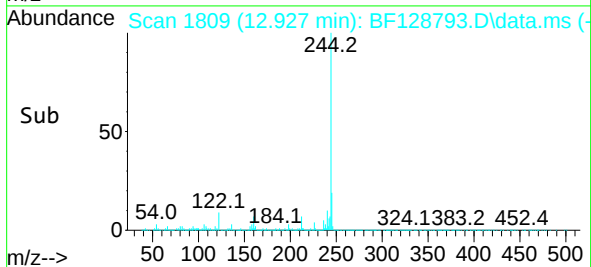
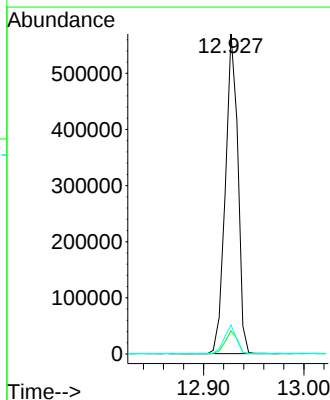
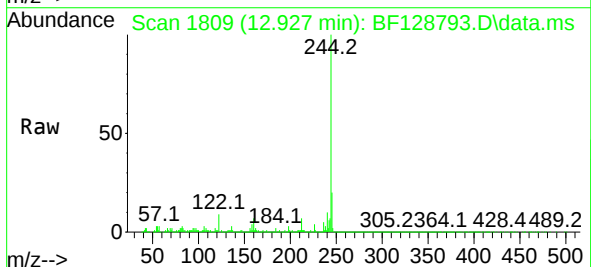
Manual Integrations
APPROVED

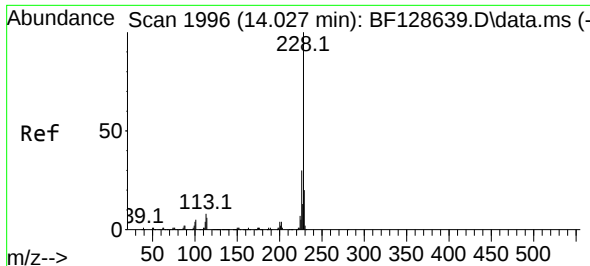
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#79
Terphenyl-d14
Concen: 61.941 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

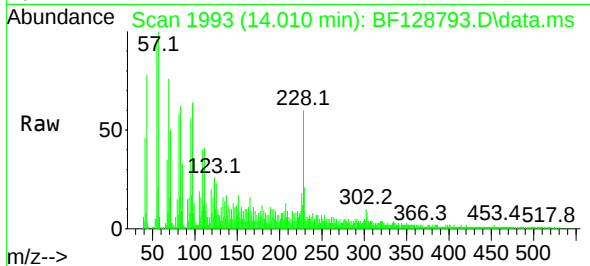
Tgt Ion:244 Resp: 491601
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.0 8.8 13.2





#83
Chrysene
Concen: 2.298 ng
RT: 14.010 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

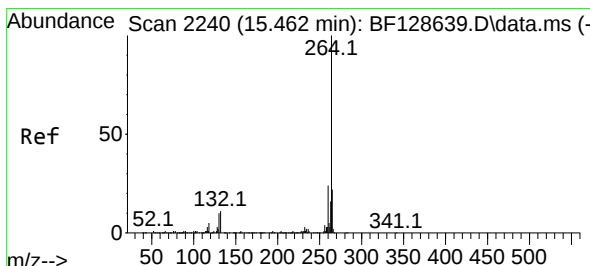
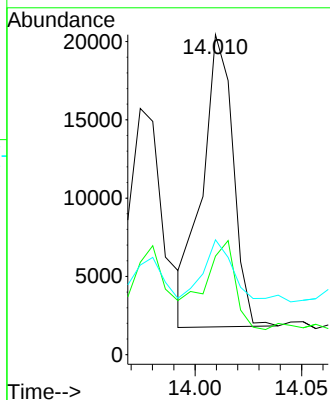
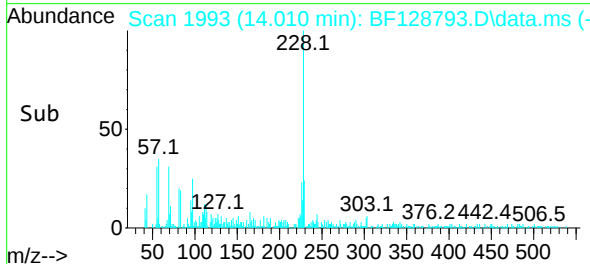
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



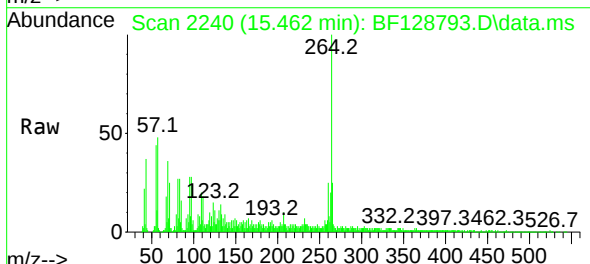
Tgt Ion:228 Resp: 1883
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 35.9 15.9 23.9

Manual Integrations
APPROVED

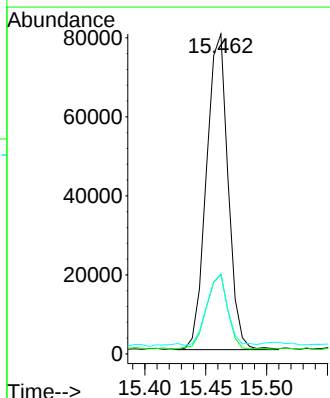
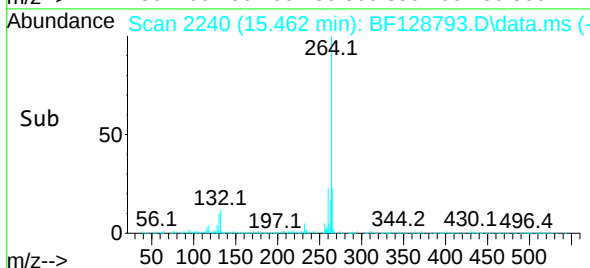
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

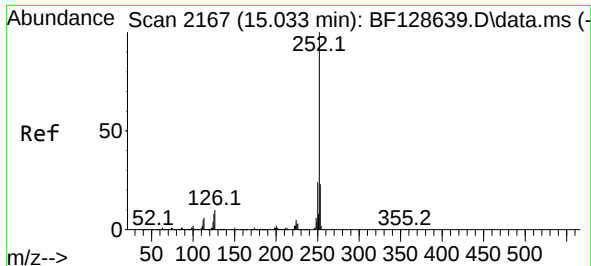


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2240
Delta R.T. 0.017 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45



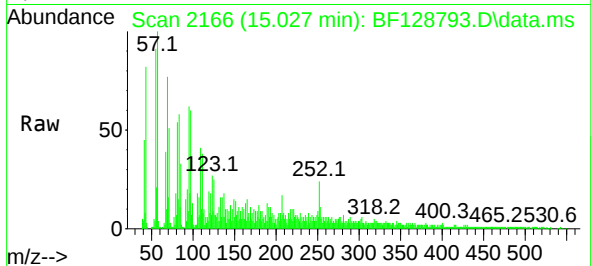
Tgt Ion:264 Resp: 98859
Ion Ratio Lower Upper
264 100
260 24.9 18.4 27.6
265 24.9 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.599 ng m
RT: 15.027 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

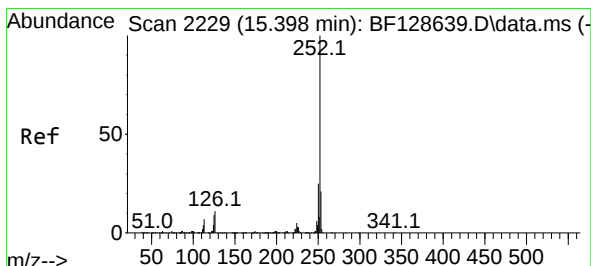
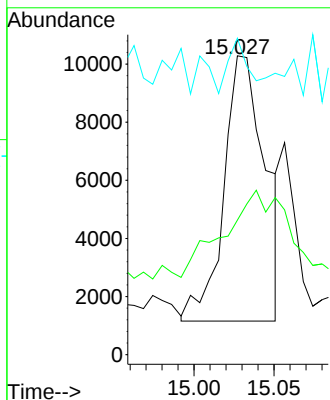
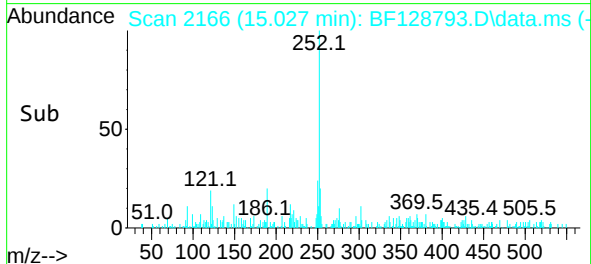
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



Tgt Ion:252 Resp: 1641
Ion Ratio Lower Upper
252 100
253 45.0 17.7 26.5
125 105.9 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#90
Benzo(a)pyrene
Concen: 2.253 ng
RT: 15.398 min Scan# 2229
Delta R.T. 0.011 min
Lab File: BF128793.D
Acq: 13 Jun 2022 19:45

Tgt Ion:252 Resp: 11188
Ion Ratio Lower Upper
252 100
253 39.1 17.0 25.6#
125 94.5 8.8 13.2#

