

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126563.D
 Acq On : 10 Jan 2022 13:55
 Operator : JU/CG
 Sample : N1047-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM-E7-01-2.5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

Quant Time: Jan 10 17:16:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93780	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	393294	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	186675	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	286801	20.000	ng	0.00
76) Chrysene-d12	13.939	240	169744	20.000	ng	0.00
86) Perylene-d12	15.392	264	178701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	620622	95.036	ng	0.00
7) Phenol-d6	6.404	99	797528	94.291	ng	0.00
23) Nitrobenzene-d5	7.334	82	499745	65.244	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	164528	114.056	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	742082	69.954	ng	0.00
79) Terphenyl-d14	12.886	244	575816	65.909	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.510	202	63676	4.758	ng	97
78) Pyrene	12.733	202	62392	4.349	ng	98
81) Benzo(a)anthracene	13.927	228	29898	3.063	ng	95
83) Chrysene	13.963	228	26207	2.617	ng	95
88) Benzo(b)fluoranthene	14.974	252	38795m	3.644	ng	
90) Benzo(a)pyrene	15.333	252	30393	3.405	ng	98

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

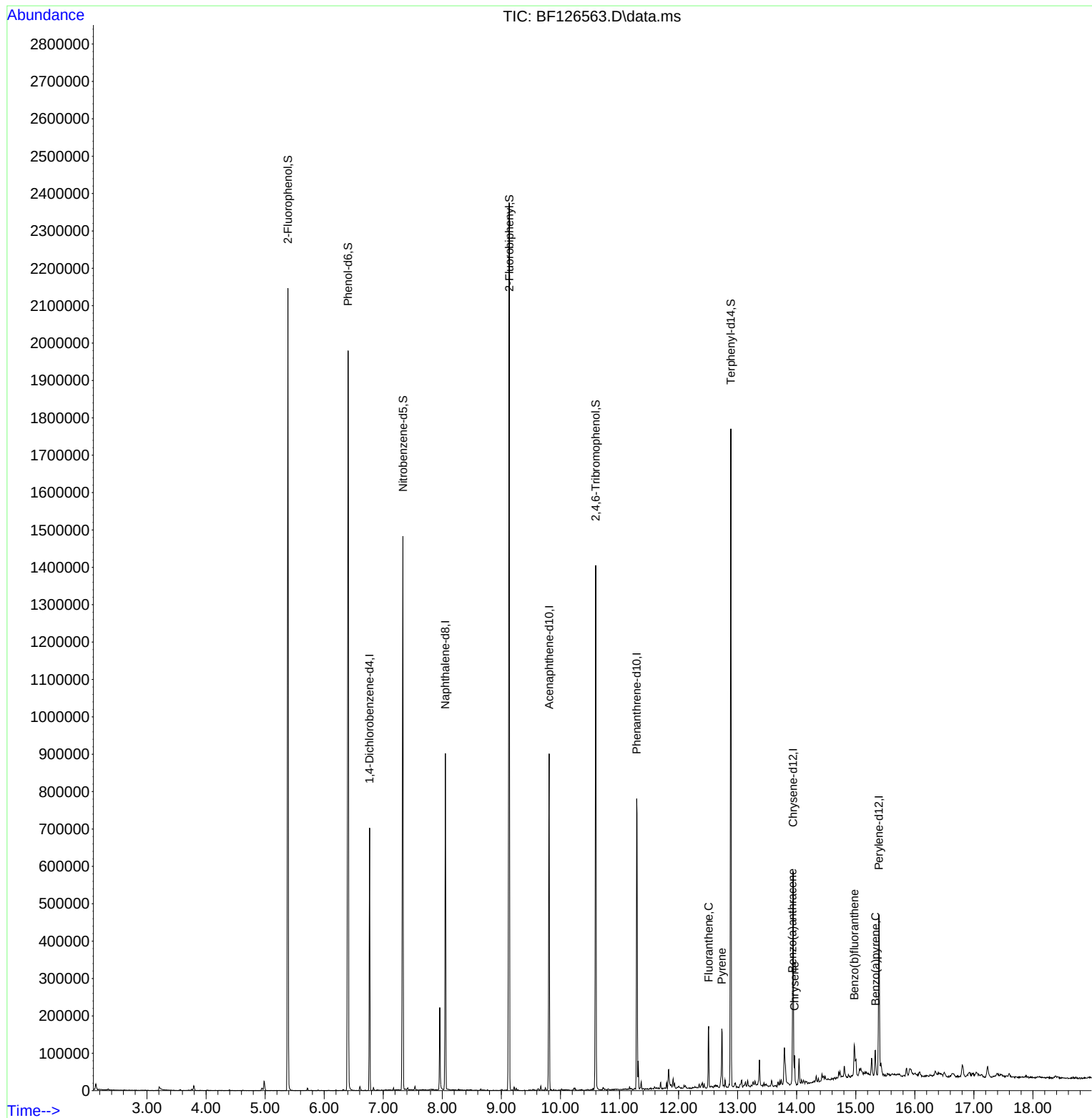
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126563.D
Acq On : 10 Jan 2022 13:55
Operator : JU/CG
Sample : N1047-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

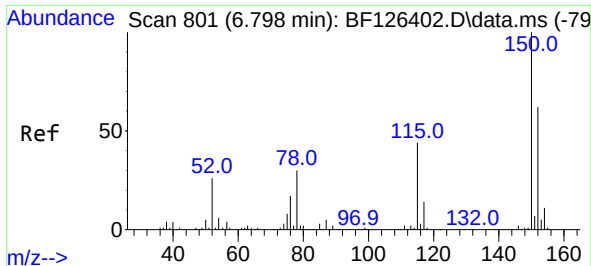
Instrument :
BNA_F
ClientSampleId :
FM-E7-01-2.5

Quant Time: Jan 10 17:16:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

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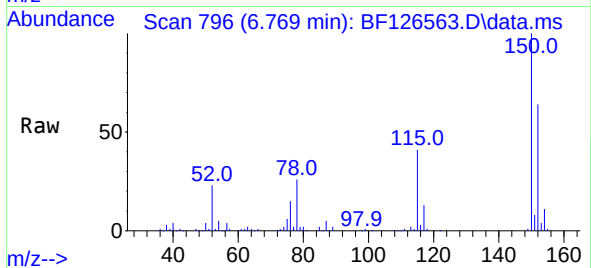
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

FM-E7-01-2.5

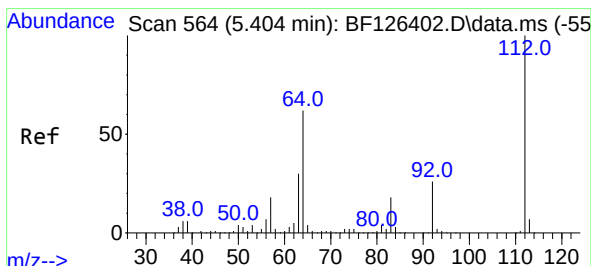
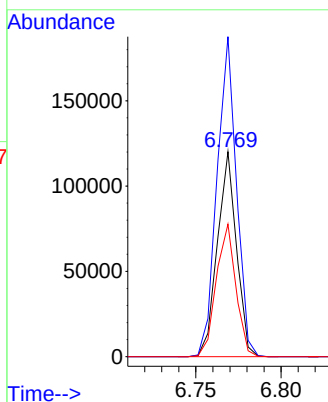
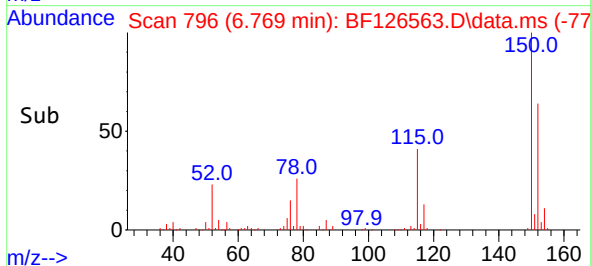


Tgt Ion:152 Resp: 93780
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 64.7 56.7 85.1

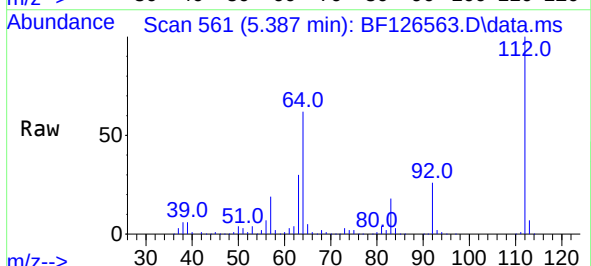
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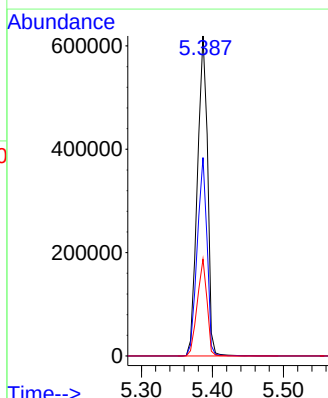
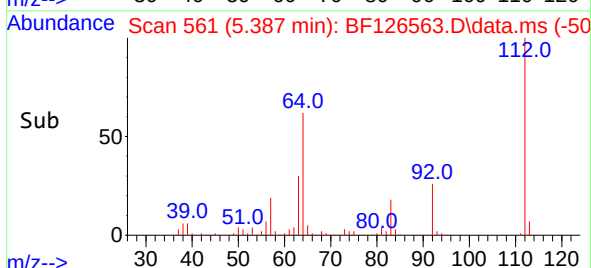
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

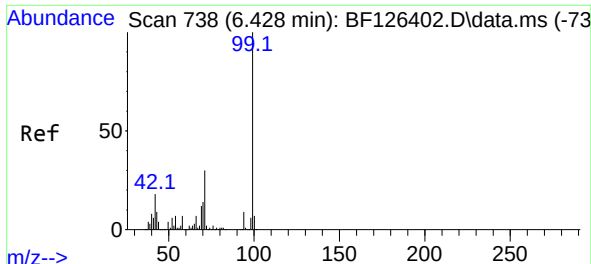


#5
2-Fluorophenol
Concen: 95.036 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55



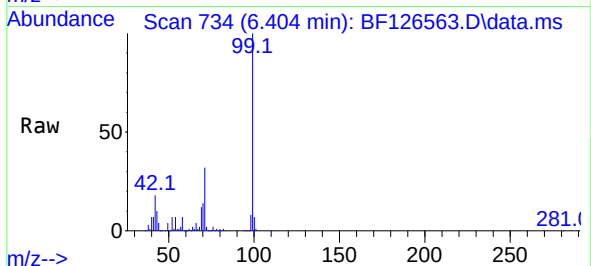
Tgt Ion:112 Resp: 620622
Ion Ratio Lower Upper
112 100
64 62.0 49.5 74.3
63 30.3 23.9 35.9





#7
Phenol-d6
Concen: 94.291 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

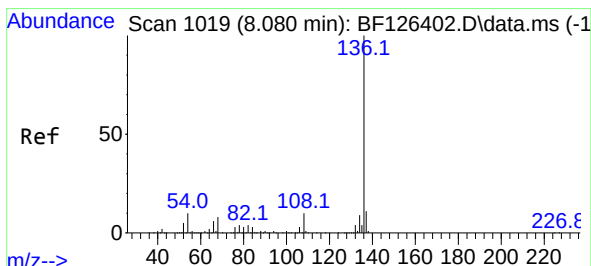
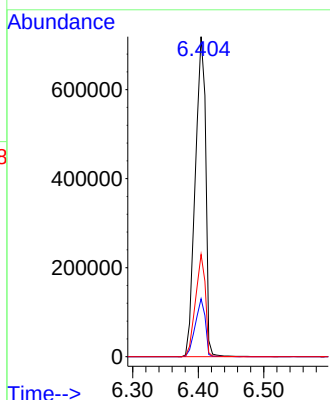
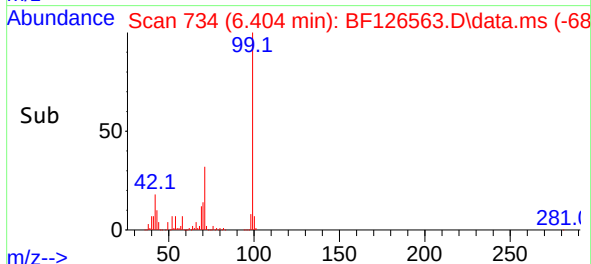
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ClientSampleId :
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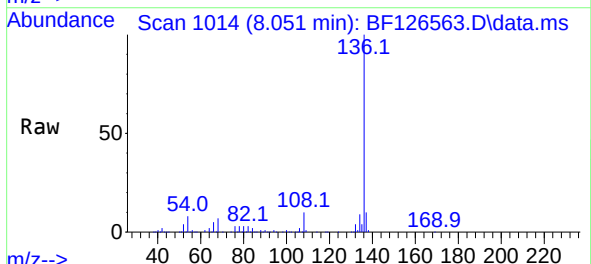
Tgt Ion: 99 Resp: 797528
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.9 24.3 36.5

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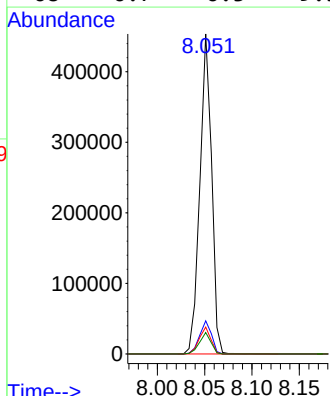
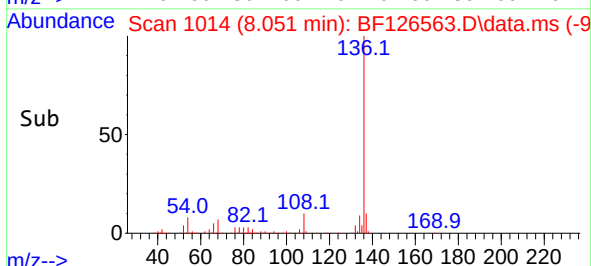
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

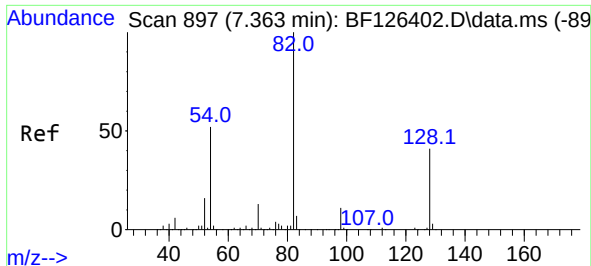


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55



Tgt Ion:136 Resp: 393294
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.4 7.8 11.6
68 6.7 6.3 9.5





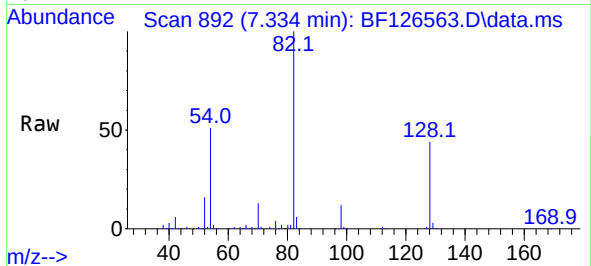
#23
Nitrobenzene-d5
Concen: 65.244 ng
RT: 7.334 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

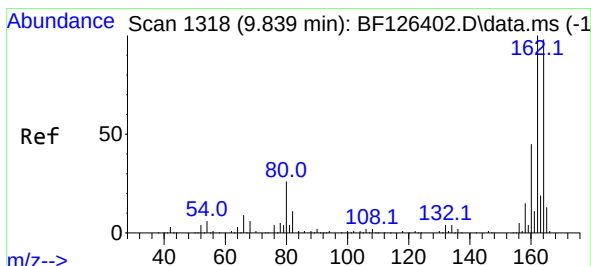
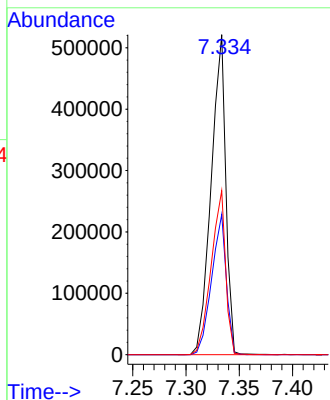
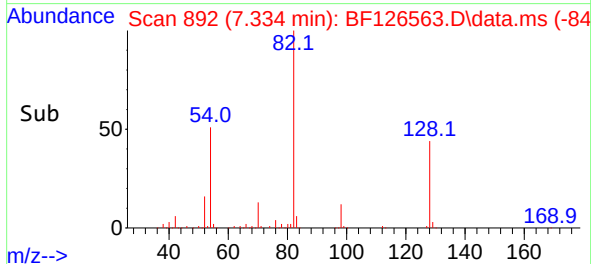
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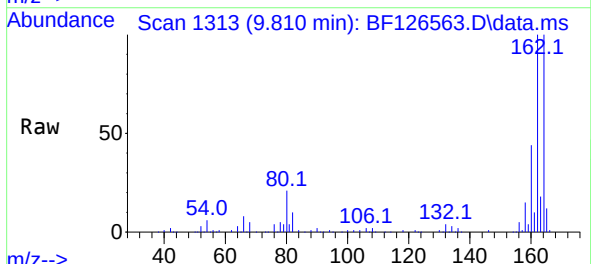
Tgt Ion: 82 Resp: 499745
Ion Ratio Lower Upper
82 100
128 43.8 32.7 49.1
54 51.2 41.7 62.5

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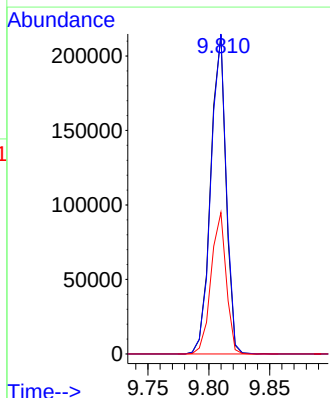
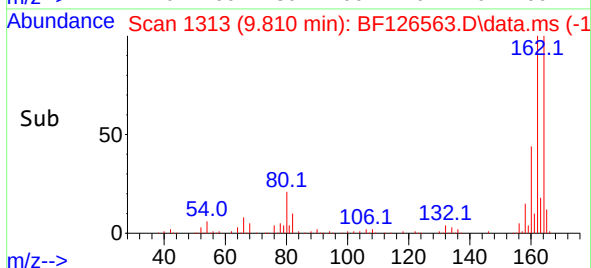
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

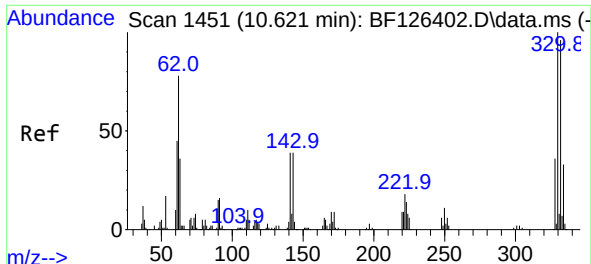


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55



Tgt Ion:164 Resp: 186675
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.4 36.6 54.8





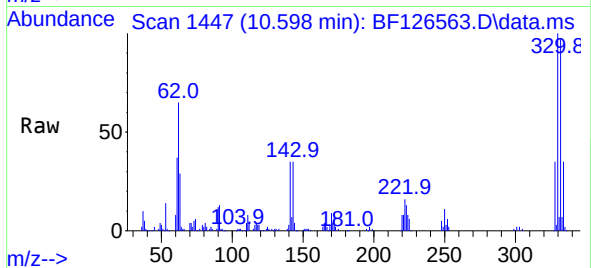
#42
2,4,6-Tribromophenol
Concen: 114.056 ng
RT: 10.598 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

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FM-E7-01-2.5

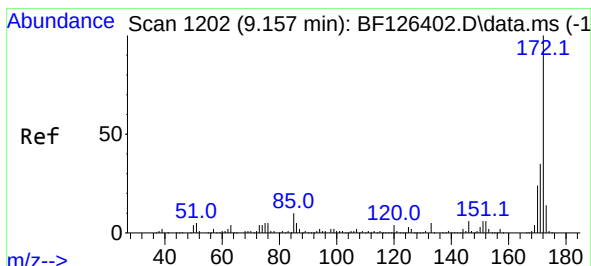
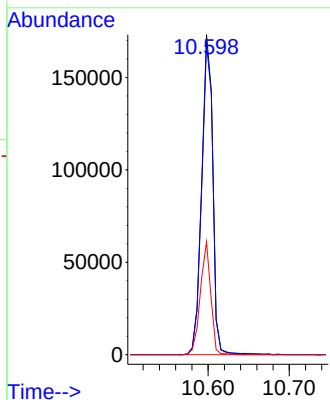
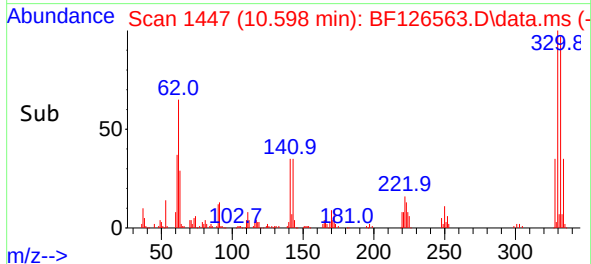


Tgt Ion:330 Resp: 164528
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 33.1 30.1 45.1

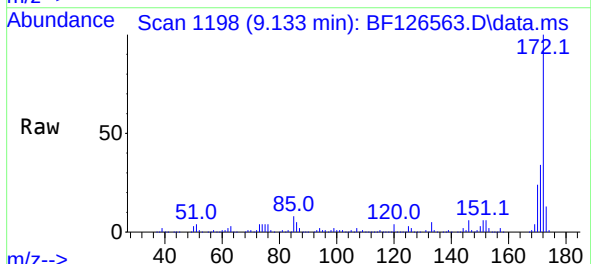
Manual Integrations

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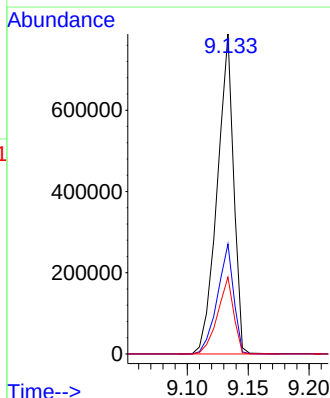
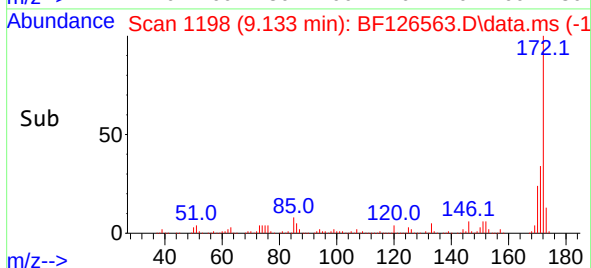
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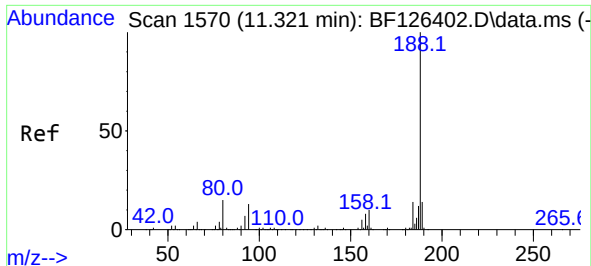


#45
2-Fluorobiphenyl
Concen: 69.954 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55



Tgt Ion:172 Resp: 742082
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 24.0 19.0 28.6





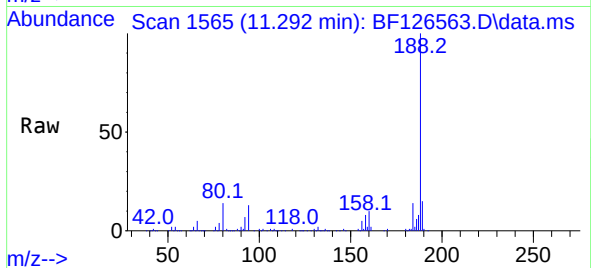
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

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FM-E7-01-2.5

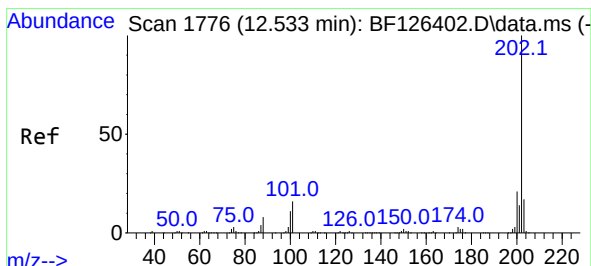
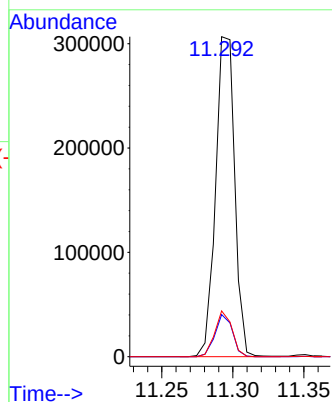
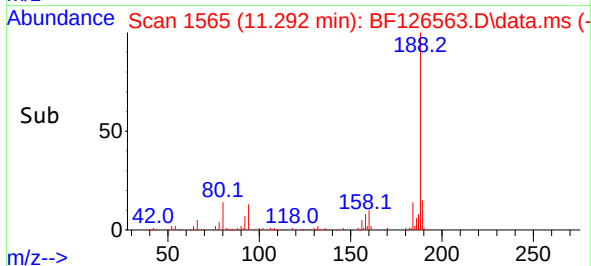


Tgt Ion:188 Resp: 28680
Ion Ratio Lower Upper
188 100
94 13.2 10.1 15.1
80 14.3 11.8 17.6

Manual Integrations

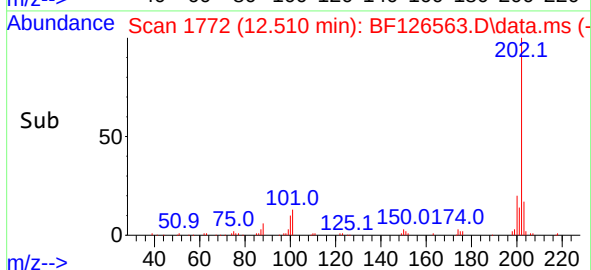
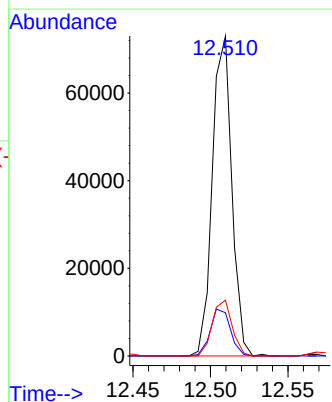
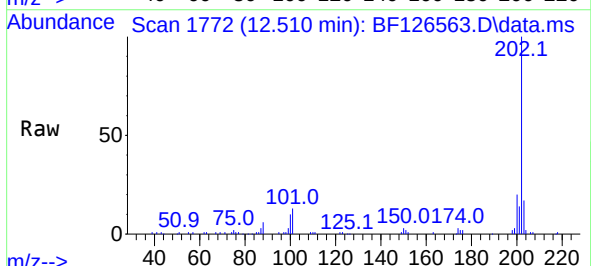
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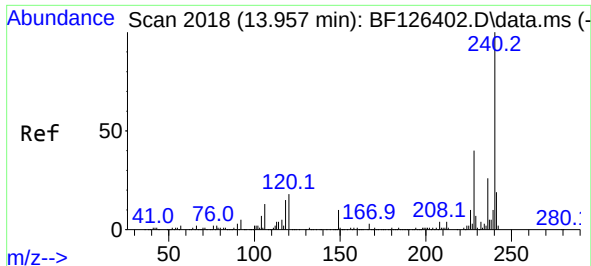
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#75
Fluoranthene
Concen: 4.758 ng
RT: 12.510 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:202 Resp: 63676
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.7
203 17.4 0.0 37.1





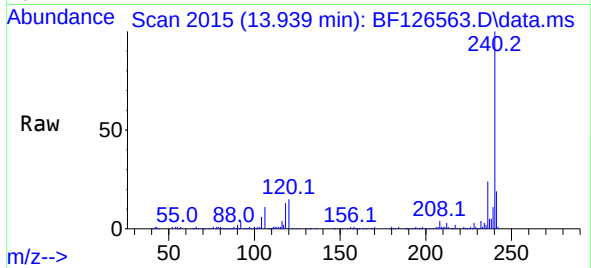
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

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ClientSampleId :

FM-E7-01-2.5

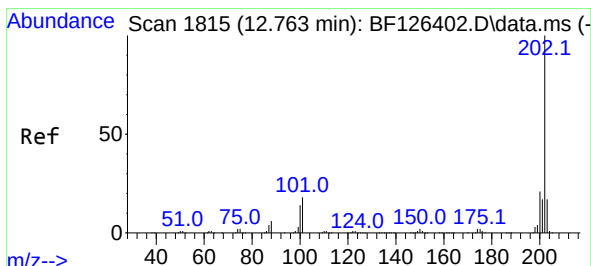
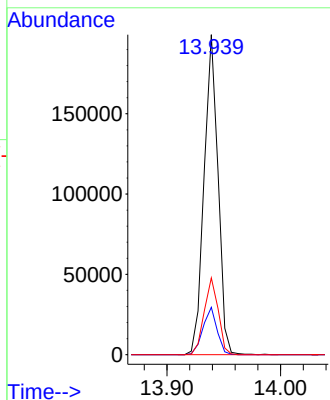
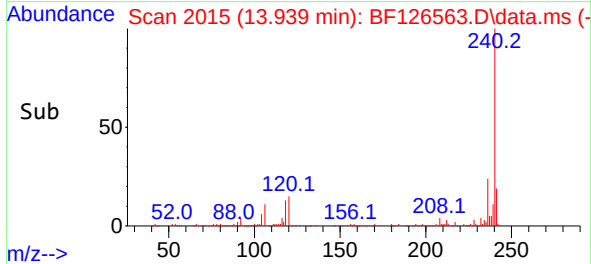


Tgt Ion:240 Resp: 169744
Ion Ratio Lower Upper
240 100
120 14.8 14.4 21.6
236 24.0 20.5 30.7

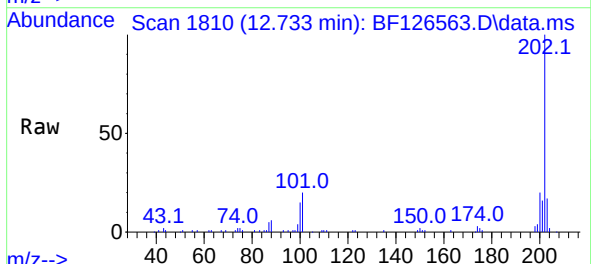
Manual Integrations

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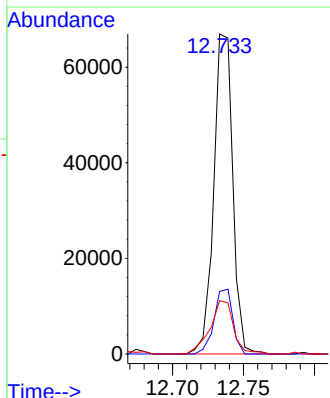
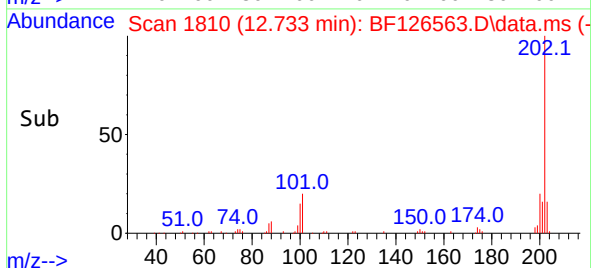
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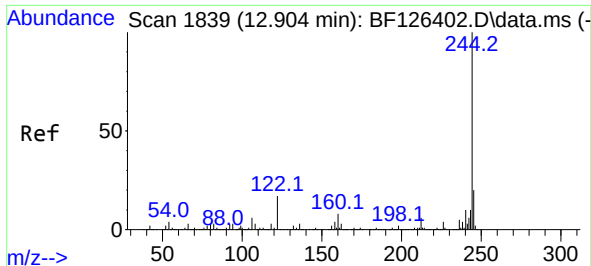


#78
Pyrene
Concen: 4.349 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55



Tgt Ion:202 Resp: 62392
Ion Ratio Lower Upper
202 100
200 19.6 16.6 24.8
203 16.7 13.8 20.8





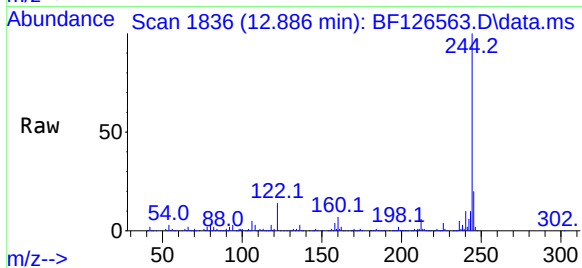
#79
Terphenyl-d14
Concen: 65.909 ng
RT: 12.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

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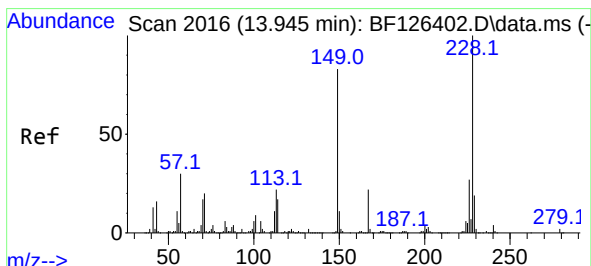
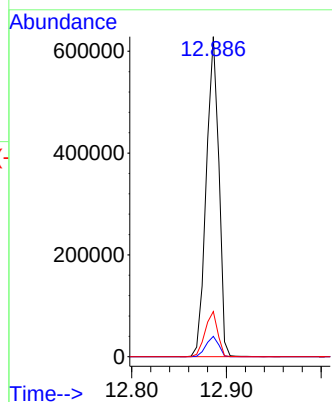
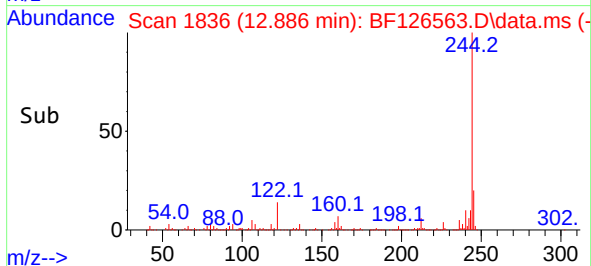


Tgt Ion:244 Resp: 575810
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 14.1 13.3 19.9

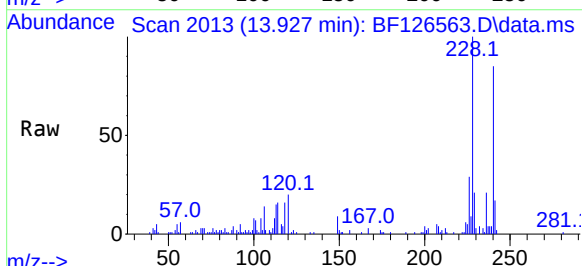
Manual Integrations

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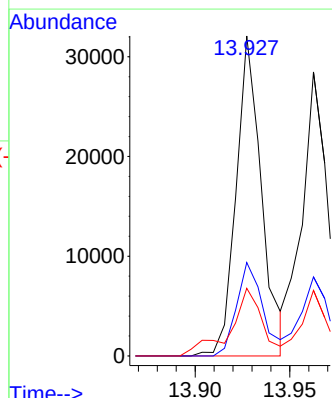
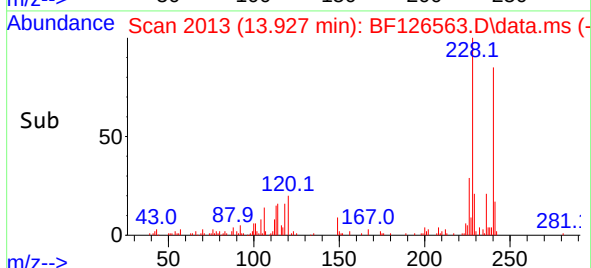
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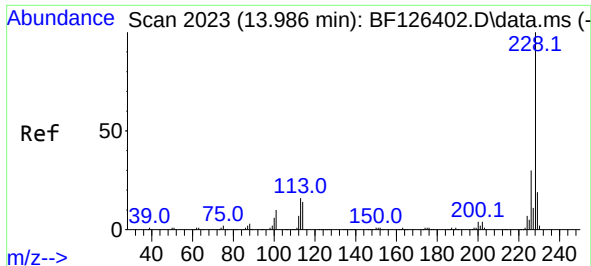


#81
Benzo(a)anthracene
Concen: 3.063 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55



Tgt Ion:228 Resp: 29898
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.0
229 21.2 15.4 23.2





#83
Chrysene
Concen: 2.617 ng
RT: 13.963 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

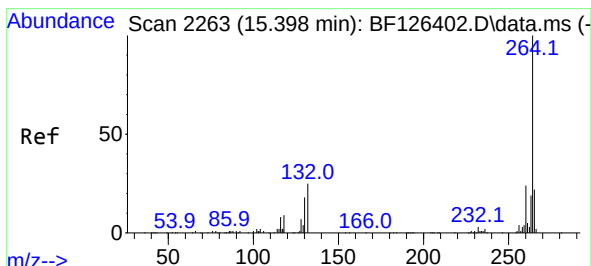
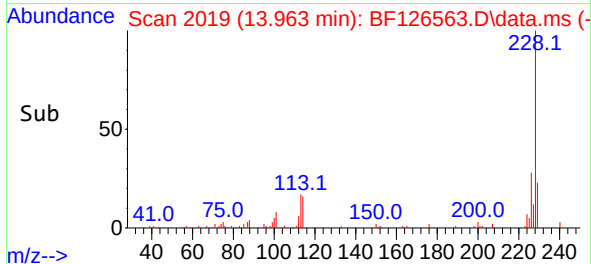
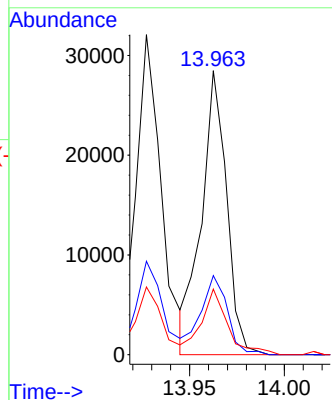
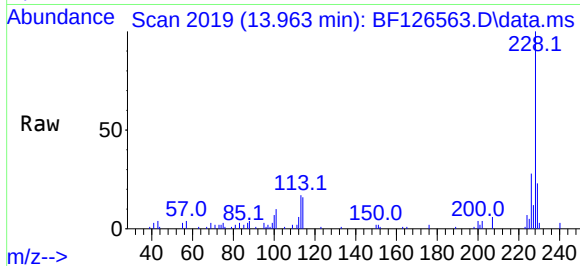
FM-E7-01-2.5

Tgt Ion:228 Resp: 2620
Ion Ratio Lower Upper
228 100
226 27.9 23.7 35.5
229 23.1 15.5 23.3

Manual Integrations

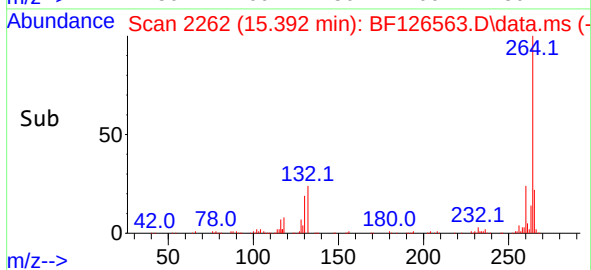
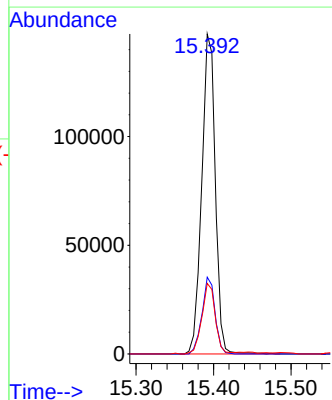
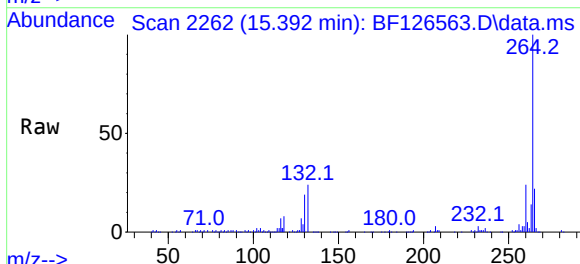
APPROVED

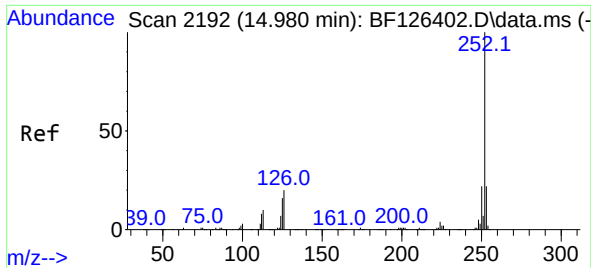
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:264 Resp: 178701
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.1 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.644 ng m
RT: 14.974 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

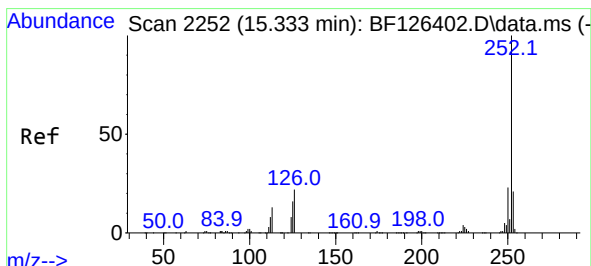
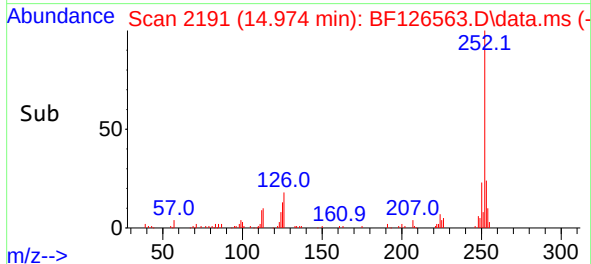
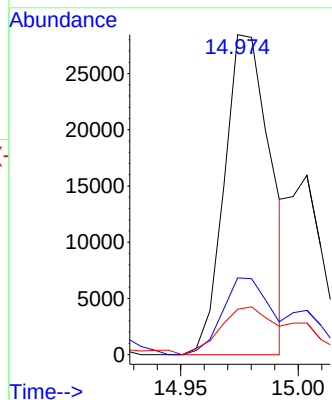
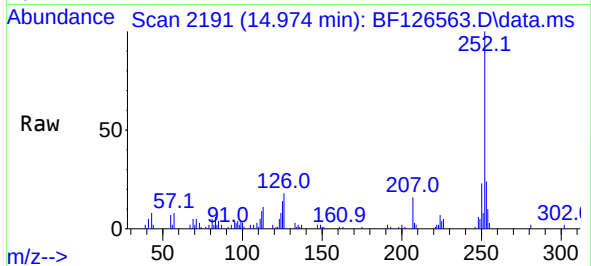
FM-E7-01-2.5

Tgt Ion:252 Resp: 3879
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 14.2 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#90
Benzo(a)pyrene
Concen: 3.405 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BF126563.D
Acq: 10 Jan 2022 13:55

Tgt Ion:252 Resp: 30393
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 15.3 13.0 19.6

