

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126557.D
 Acq On : 7 Jan 2022 22:05
 Operator : JU/CG
 Sample : N1068-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-010622

Quant Time: Jan 08 04:41:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/10/2022
 Supervised By :Jagrut Upadhyay 01/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77295	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290658	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	125071	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	210425	20.000	ng	0.00
76) Chrysene-d12	13.957	240	141127	20.000	ng	# 0.00
86) Perylene-d12	15.416	264	103540	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	95393	17.723	ng	0.00
7) Phenol-d6	6.410	99	111908	16.052	ng	-0.01
23) Nitrobenzene-d5	7.340	82	64003	11.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	17931	18.553	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	107569	15.135	ng	-0.01
79) Terphenyl-d14	12.898	244	104193	14.345	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	22890	2.128	ng	96
75) Fluoranthene	12.522	202	41297	4.206	ng	100
78) Pyrene	12.751	202	39879	3.344	ng	98
81) Benzo(a)anthracene	13.945	228	18993	2.340	ng	# 84
83) Chrysene	13.980	228	21437	2.575	ng	# 92
88) Benzo(b)fluoranthene	14.998	252	21840m	3.541	ng	
90) Benzo(a)pyrene	15.351	252	14997	2.900	ng	# 50

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

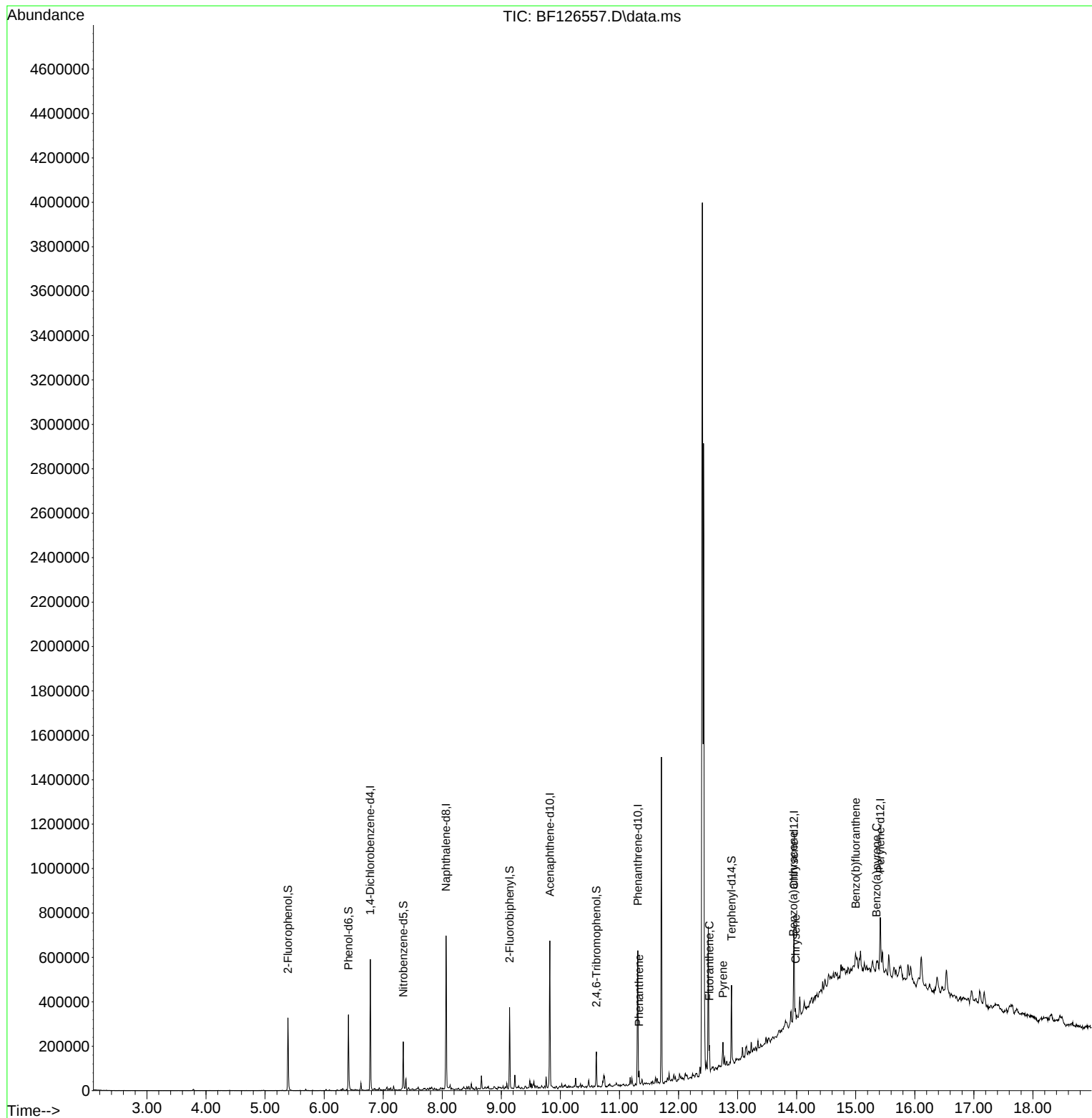
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126557.D
Acq On : 7 Jan 2022 22:05
Operator : JU/CG
Sample : N1068-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

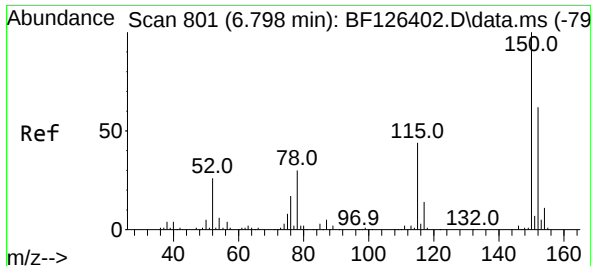
Instrument :
BNA_F
ClientSampleId :
TR-05-010622

Quant Time: Jan 08 04:41:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
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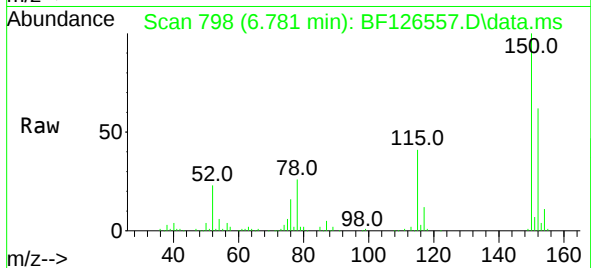
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TR-05-010622

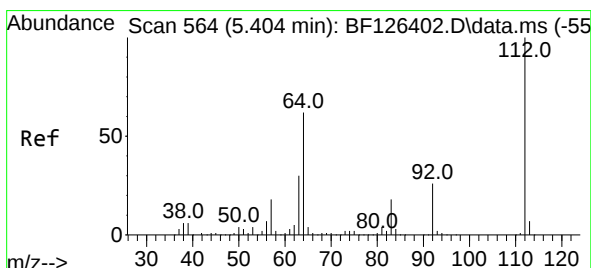
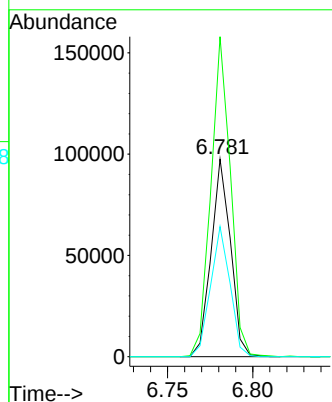
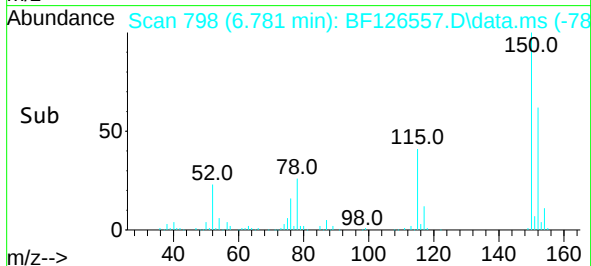


Tgt Ion:152 Resp: 77298
Ion Ratio Lower Upper
152 100
150 162.0 128.1 192.1
115 65.8 56.7 85.1

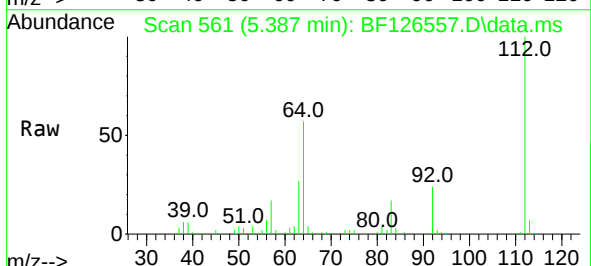
Manual Integrations

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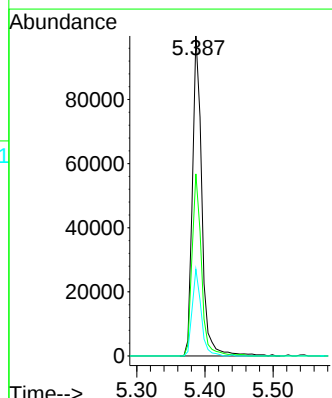
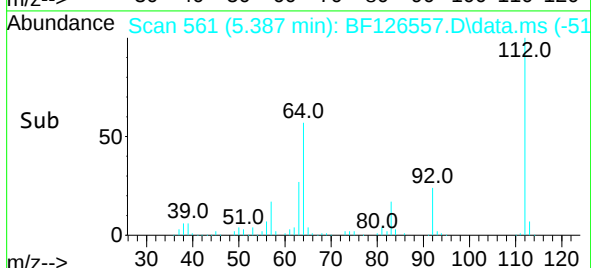
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

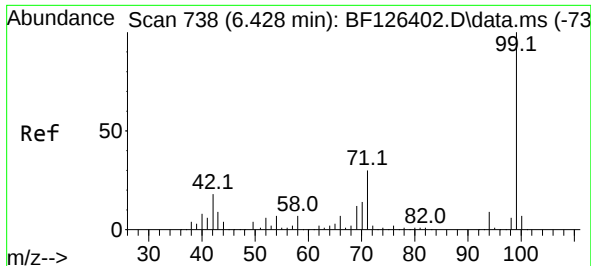


#5
2-Fluorophenol
Concen: 17.723 ng
RT: 5.387 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05



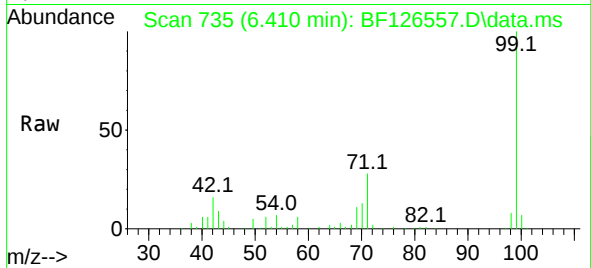
Tgt Ion:112 Resp: 95393
Ion Ratio Lower Upper
112 100
64 56.9 49.5 74.3
63 27.1 23.9 35.9





#7
Phenol-d6
Concen: 16.052 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

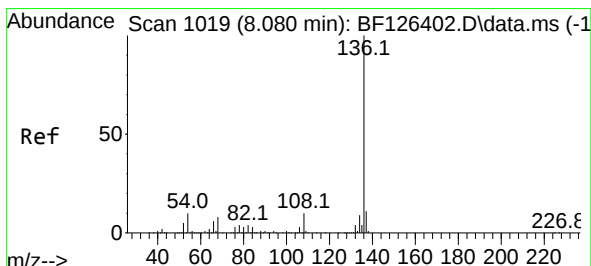
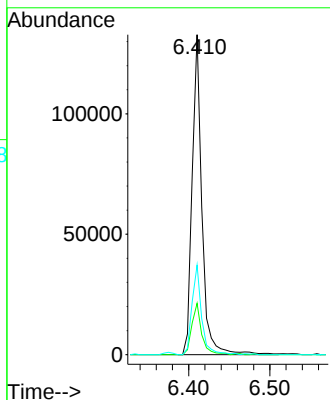
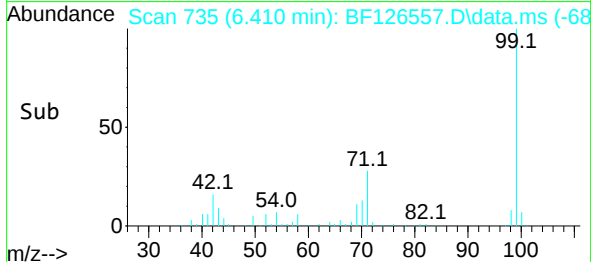
Instrument :
BNA_F
ClientSampleId :
TR-05-010622



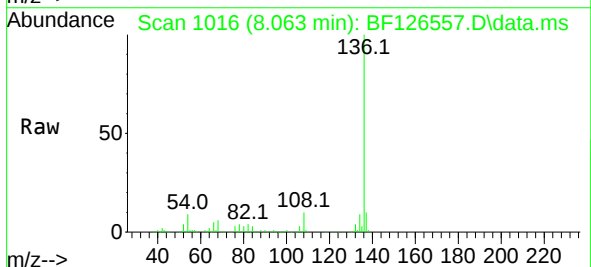
Tgt Ion: 99 Resp: 111908
Ion Ratio Lower Upper
99 100
42 16.1 14.2 21.4
71 28.0 24.3 36.5

Manual Integrations
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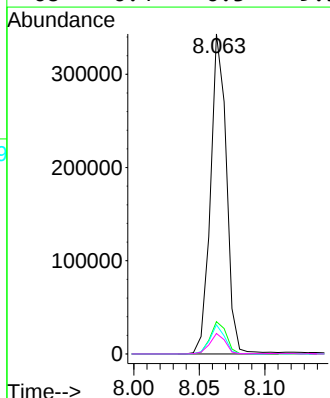
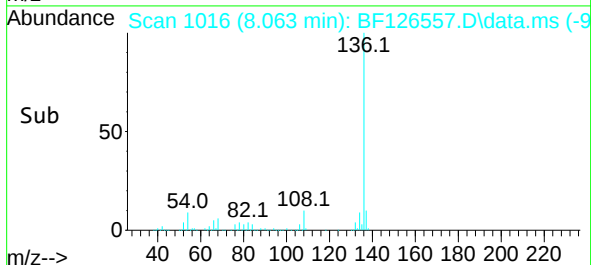
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

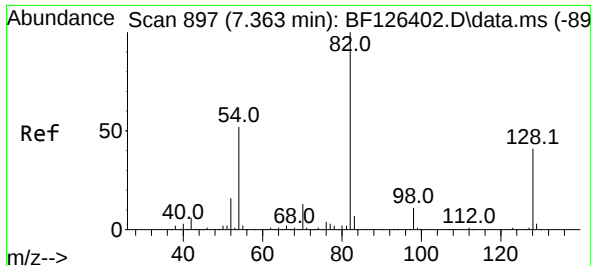


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05



Tgt Ion:136 Resp: 290658
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 9.1 7.8 11.6
68 6.4 6.3 9.5





#23
Nitrobenzene-d5
Concen: 11.306 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

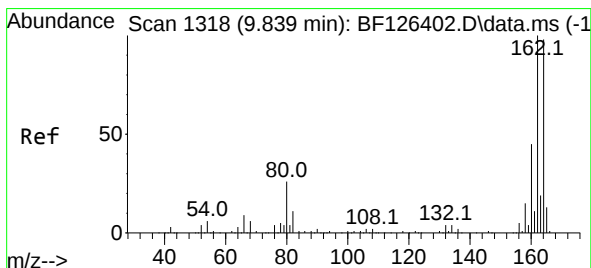
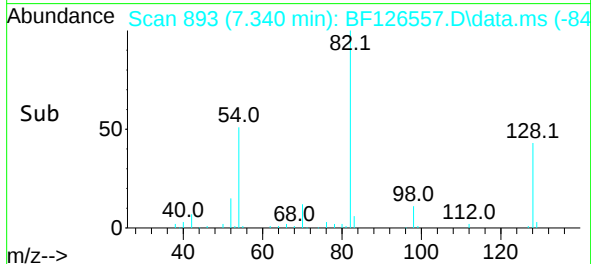
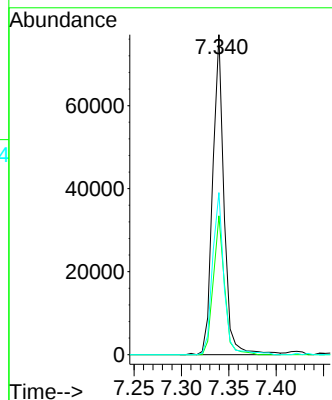
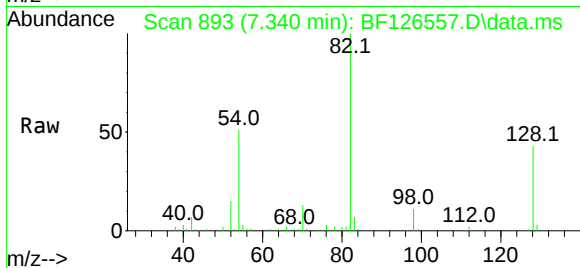
TR-05-010622

Tgt Ion: 82 Resp: 6400
Ion Ratio Lower Upper
82 100
128 43.4 32.7 49.1
54 50.7 41.7 62.5

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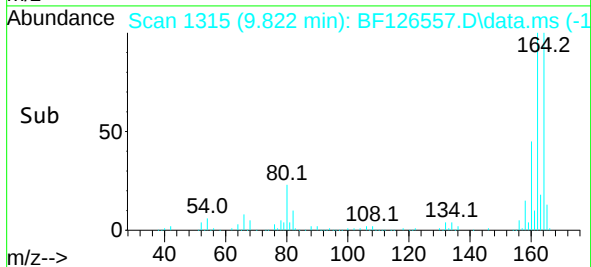
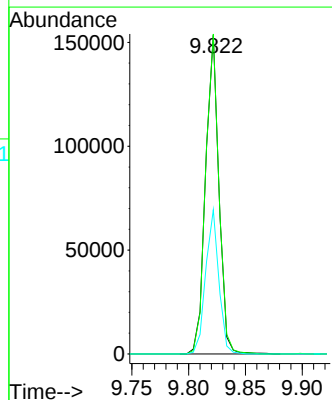
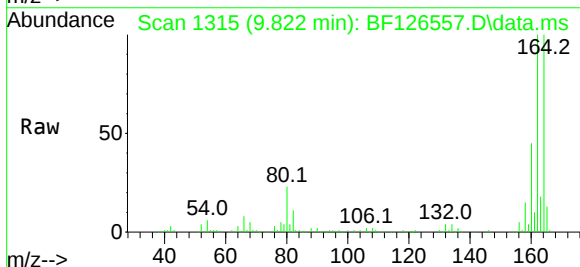
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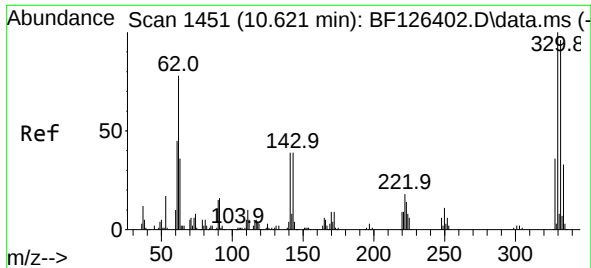
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Tgt Ion:164 Resp: 125071
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.2 36.6 54.8





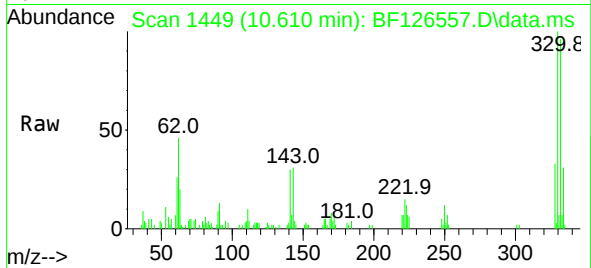
#42
2,4,6-Tribromophenol
Concen: 18.553 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TR-05-010622

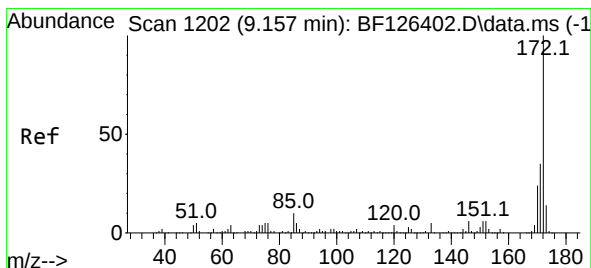
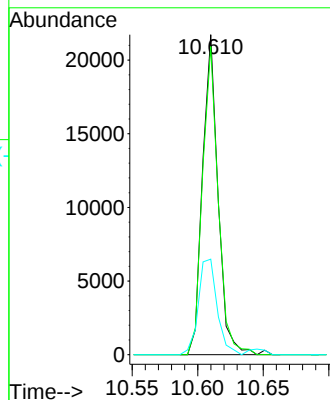
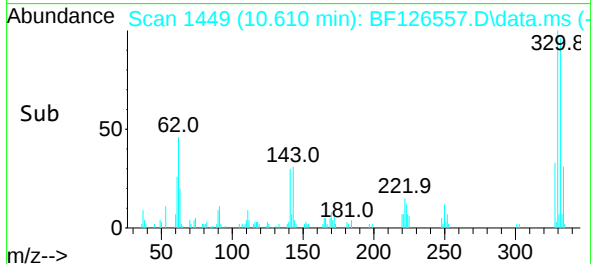


Tgt Ion: 330 Resp: 1793
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 36.1 30.1 45.1

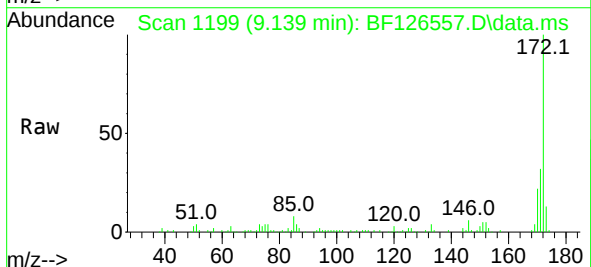
Manual Integrations

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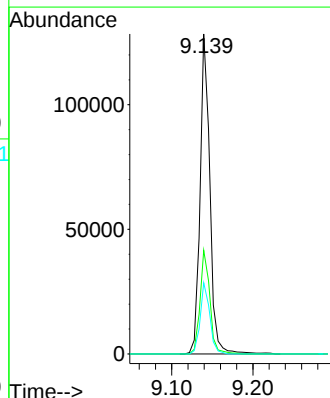
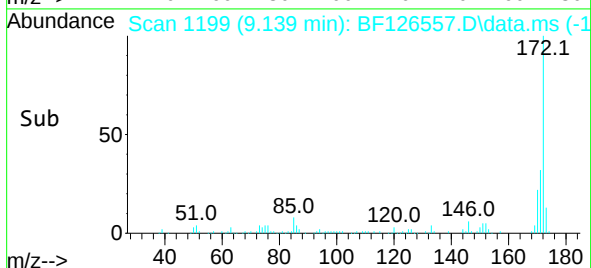
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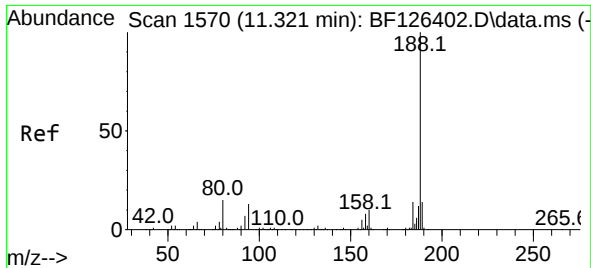


#45
2-Fluorobiphenyl
Concen: 15.135 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05



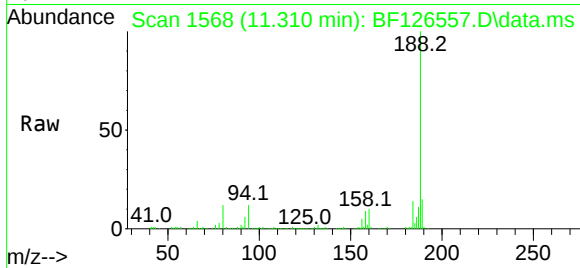
Tgt Ion: 172 Resp: 107569
Ion Ratio Lower Upper
172 100
171 32.4 28.3 42.5
170 22.3 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

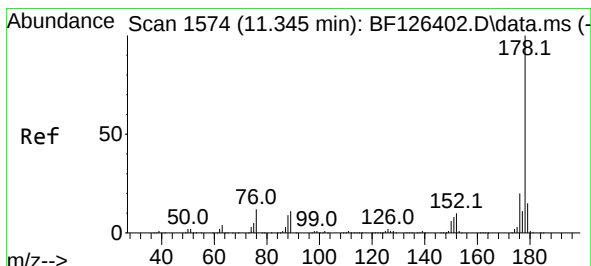
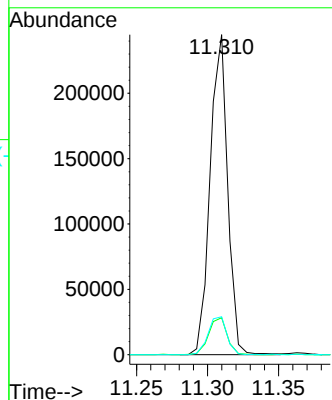
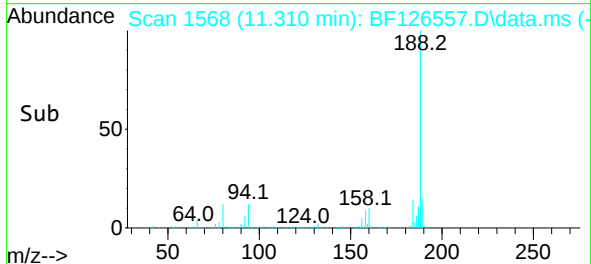
Instrument :
BNA_F
ClientSampleId :
TR-05-010622



Tgt Ion:188 Resp: 21042
Ion Ratio Lower Upper
188 100
94 11.5 10.1 15.1
80 11.9 11.8 17.6

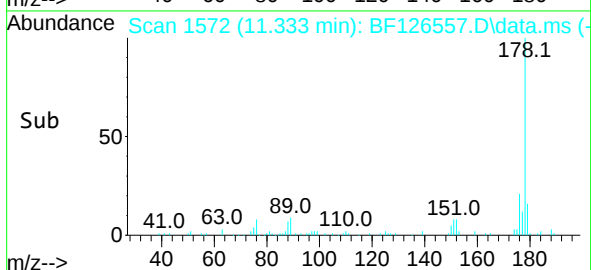
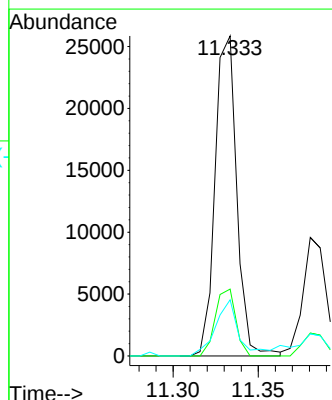
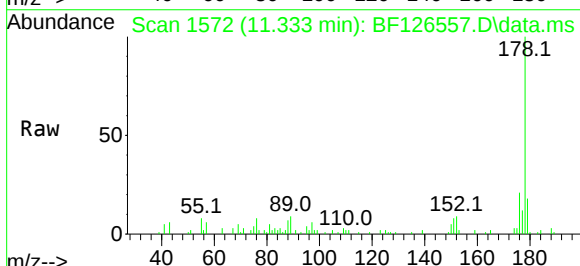
Manual Integrations
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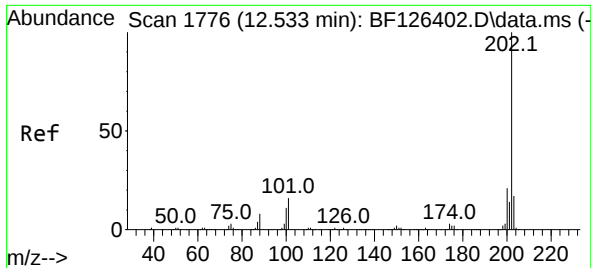
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#71
Phenanthrene
Concen: 2.128 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

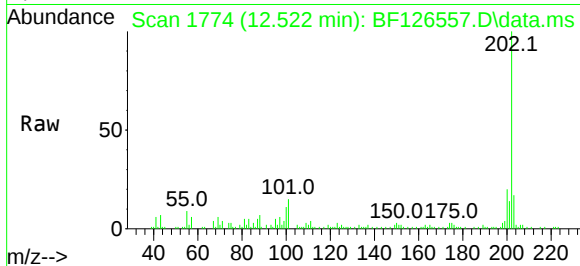
Tgt Ion:178 Resp: 22890
Ion Ratio Lower Upper
178 100
176 20.9 15.7 23.5
179 17.6 12.3 18.5





#75
Fluoranthene
Concen: 4.206 ng
RT: 12.522 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

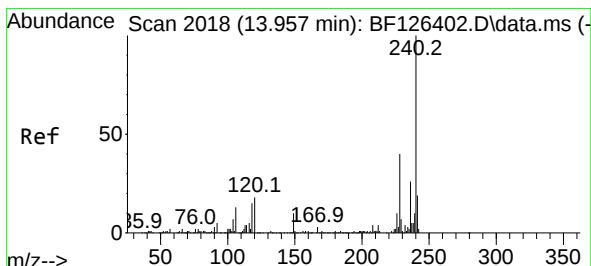
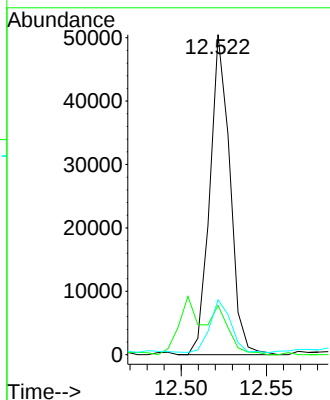
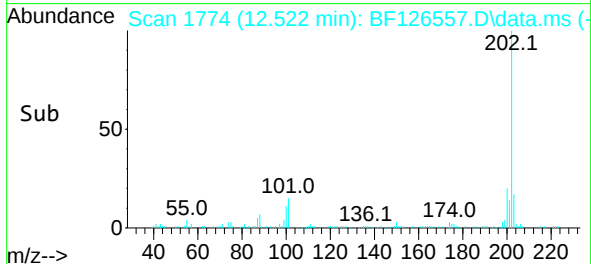
Instrument :
BNA_F
ClientSampleId :
TR-05-010622



Tgt Ion:202 Resp: 41297
Ion Ratio Lower Upper
202 100
101 15.4 0.0 35.7
203 17.2 0.0 37.1

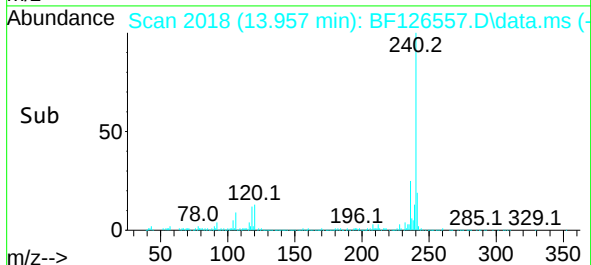
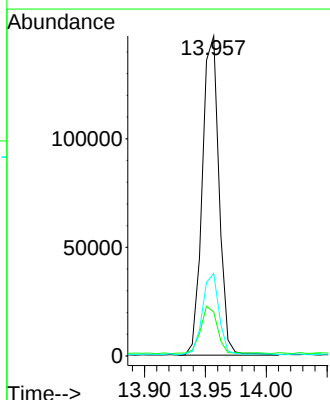
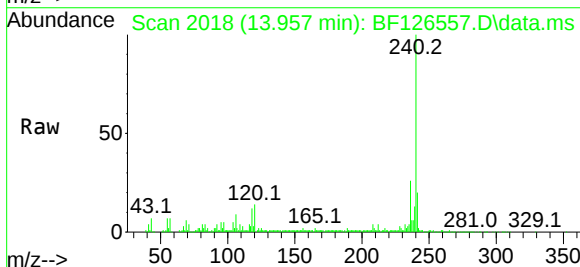
Manual Integrations
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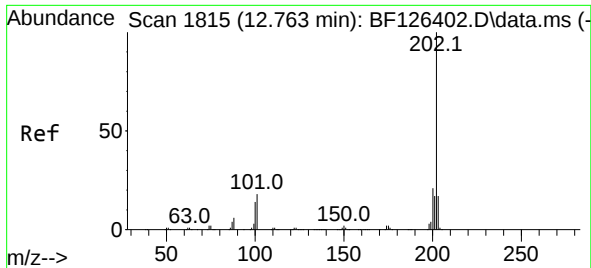
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Tgt Ion:240 Resp: 141127
Ion Ratio Lower Upper
240 100
120 13.7 14.4 21.6#
236 25.7 20.5 30.7





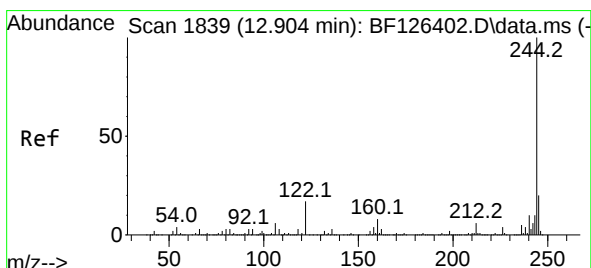
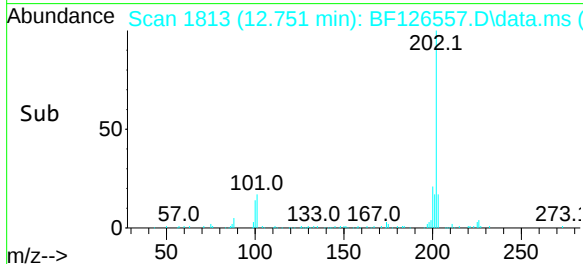
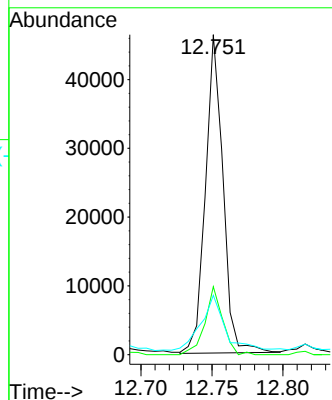
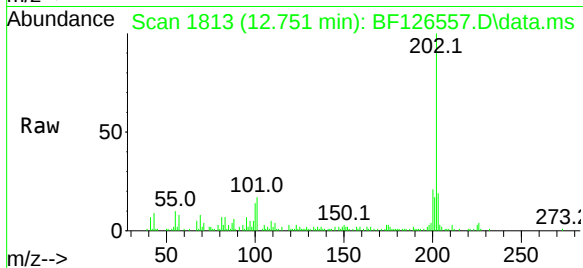
#78
Pyrene
Concen: 3.344 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Instrument :
BNA_F
ClientSampleId :
TR-05-010622

Tgt Ion:202 Resp: 39879
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 18.5 13.8 20.8

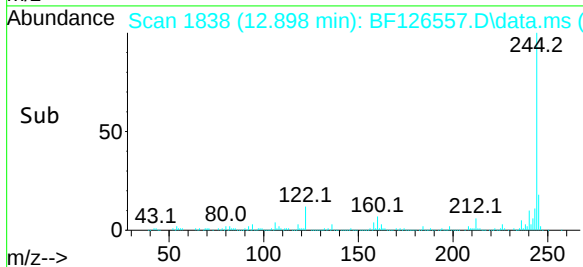
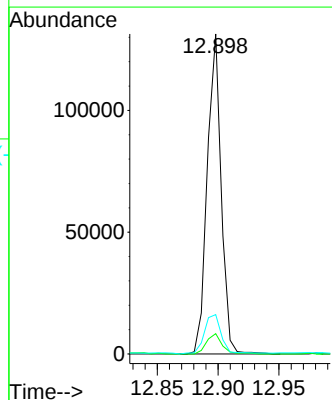
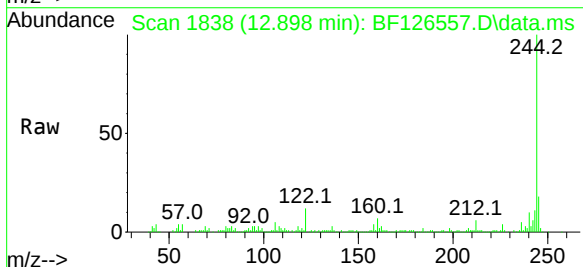
Manual Integrations
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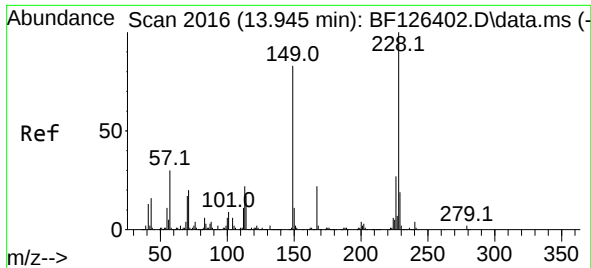
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#79
Terphenyl-d14
Concen: 14.345 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Tgt Ion:244 Resp: 104193
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.3 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.340 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

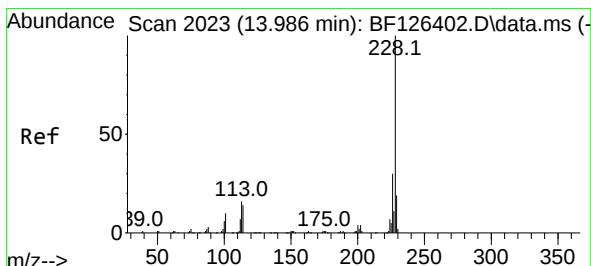
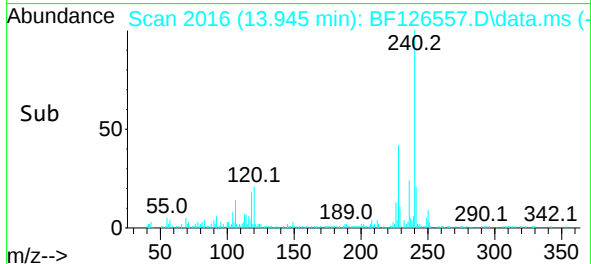
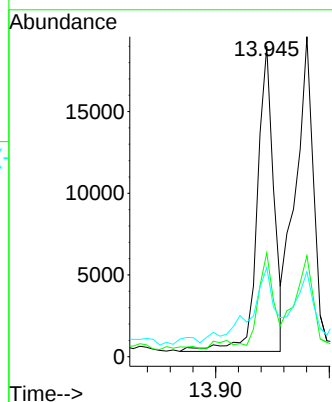
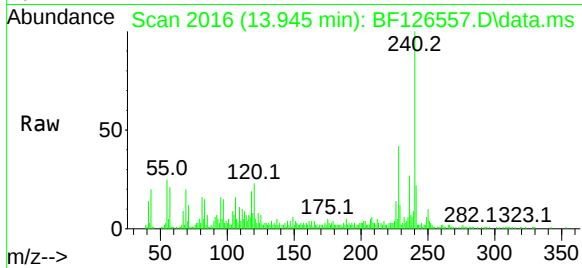
TR-05-010622

Tgt Ion:228 Resp: 1899
Ion Ratio Lower Upper
228 100
226 33.5 21.4 32.0
229 28.7 15.4 23.2

Manual Integrations

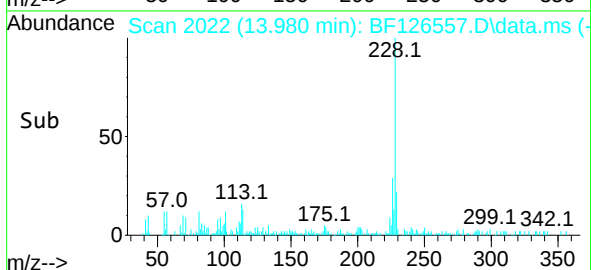
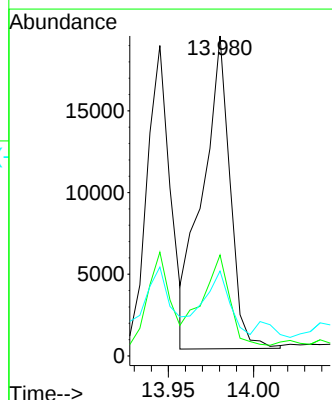
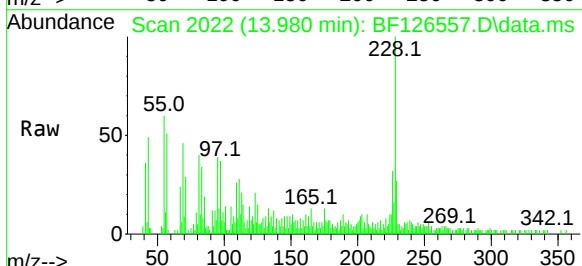
APPROVED

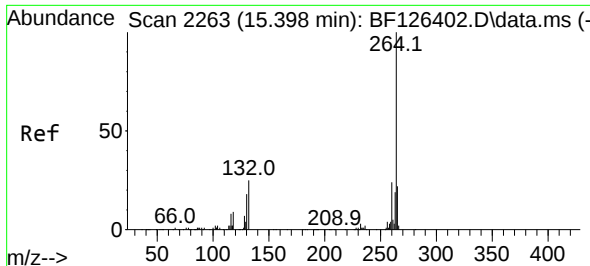
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#83
Chrysene
Concen: 2.575 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Tgt Ion:228 Resp: 21437
Ion Ratio Lower Upper
228 100
226 31.6 23.7 35.5
229 26.6 15.5 23.3





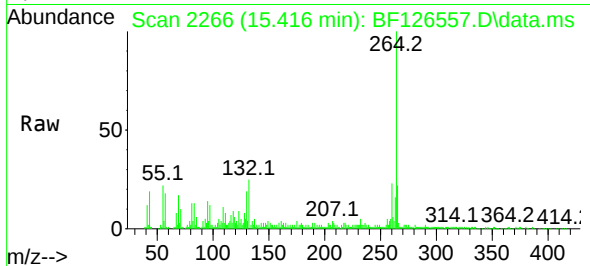
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2195
Delta R.T. 0.030 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TR-05-010622

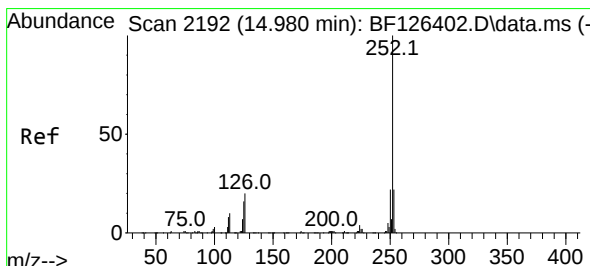
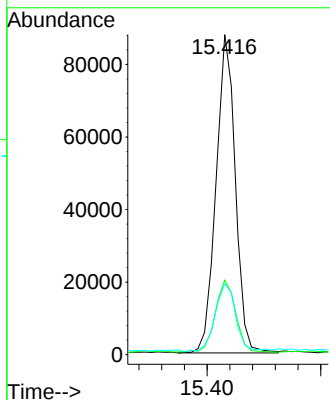
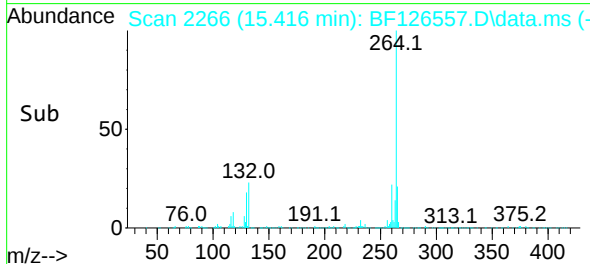


Tgt Ion:264 Resp: 103540
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 22.2 17.4 26.2

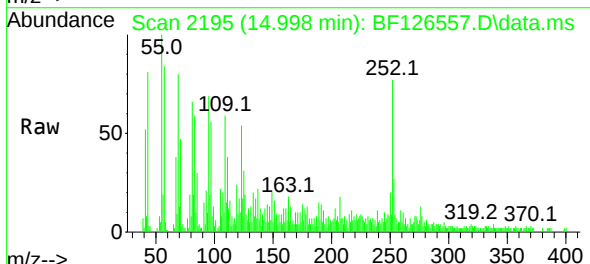
Manual Integrations

APPROVED

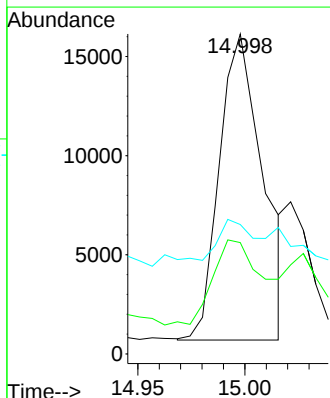
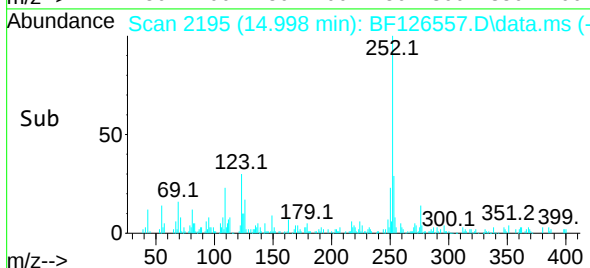
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

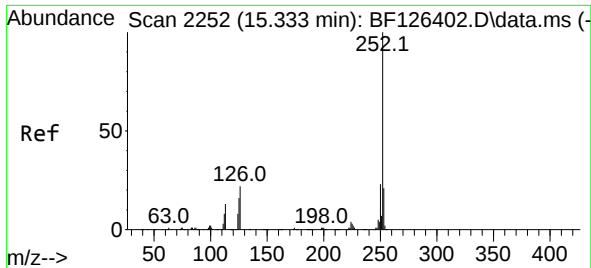


#88
Benzo(b)fluoranthene
Concen: 3.541 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.024 min
Lab File: BF126557.D
Acq: 7 Jan 2022 22:05



Tgt Ion:252 Resp: 21840
Ion Ratio Lower Upper
252 100
253 34.8 17.8 26.8#
125 40.5 12.4 18.6#





#90

Benzo(a)pyrene

Concen: 2.900 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF126557.D

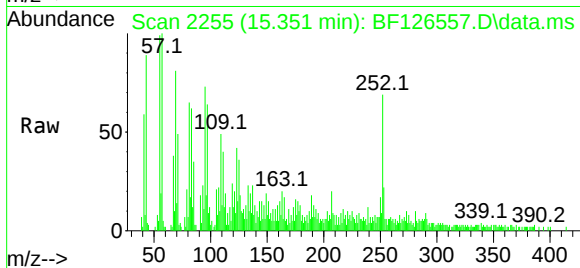
Acq: 7 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TR-05-010622



Tgt Ion:	252	Resp:	1499
Ion Ratio	Lower	Upper	
252	100		
253	32.6	17.1	25.7
125	52.2	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2022

Supervised By :Jagrut Upadhyay 01/10/2022

