

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126144.D
 Acq On : 12 Nov 2021 1:11
 Operator : JU/CG
 Sample : M4639-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-4/1-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 09:45:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	135071	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	493294	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	270432	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	460363	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	366310	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	238291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	710292	90.306	ng	0.00
7) Phenol-d6	6.469	99	930415	83.914	ng	-0.02
23) Nitrobenzene-d5	7.404	82	663436	63.426	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	265058	85.526	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1137109	56.822	ng	-0.01
79) Terphenyl-d14	12.951	244	1084636	47.747	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.574	202	94599	3.403	ng	96
78) Pyrene	12.804	202	87521	2.979	ng	96
83) Chrysene	14.033	228	50484	2.156	ng	97
88) Benzo(b)fluoranthene	15.045	252	58149m	3.752	ng	
90) Benzo(a)pyrene	15.410	252	39251m	3.214	ng	
92) Benzo(g,h,i)perylene	17.368	276	22804	2.053	ng	# 85

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

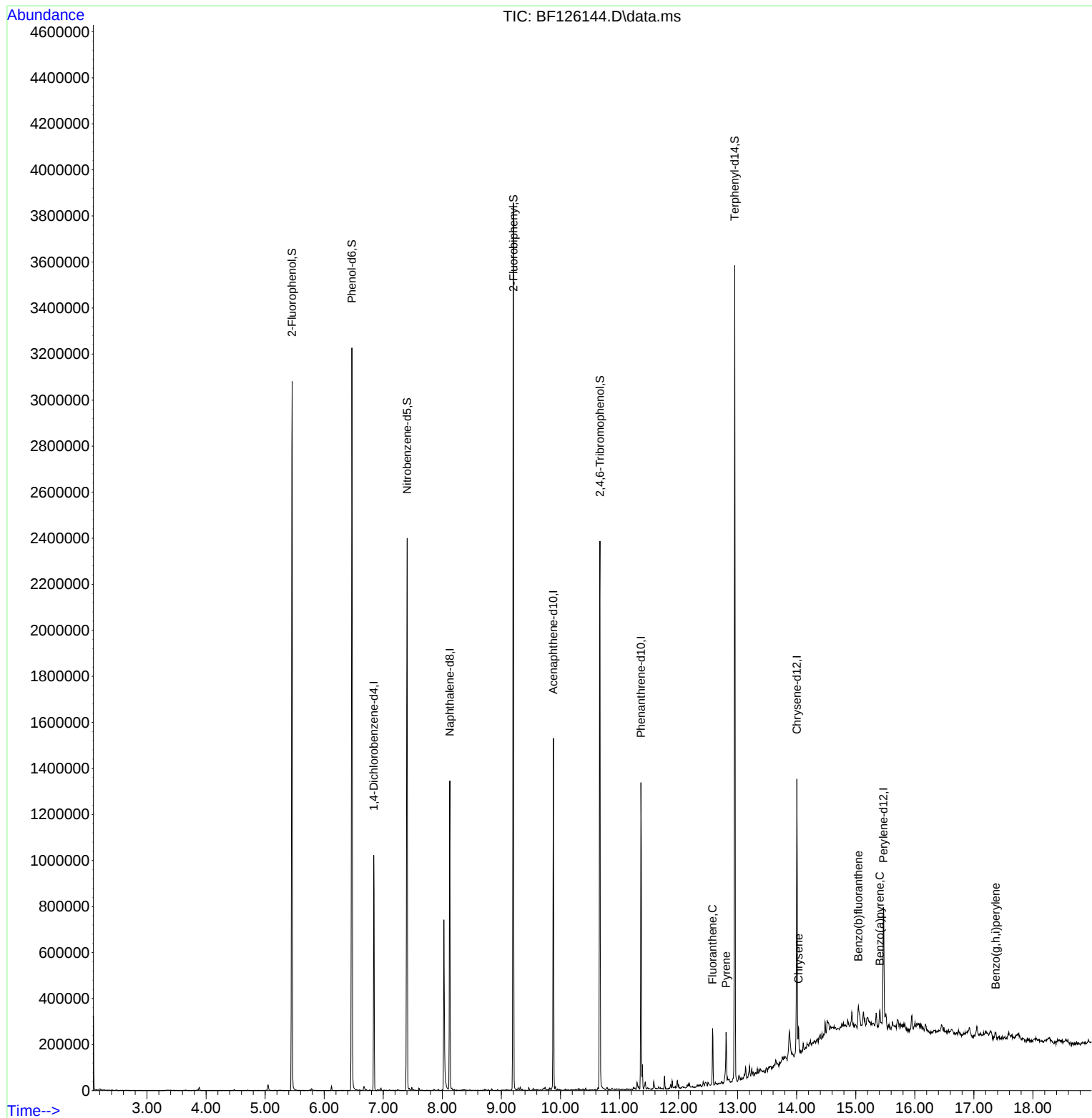
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126144.D
Acq On : 12 Nov 2021 1:11
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Misc :
ALS Vial : 20 Sample Multiplier: 1

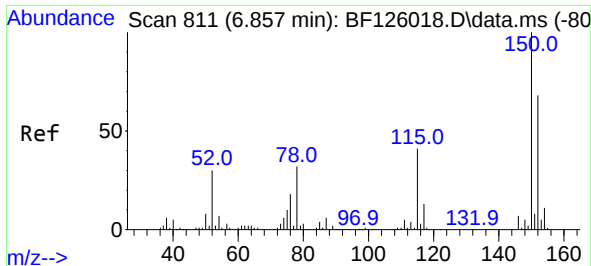
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TT-4/1-2

Quant Time: Nov 12 09:45:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

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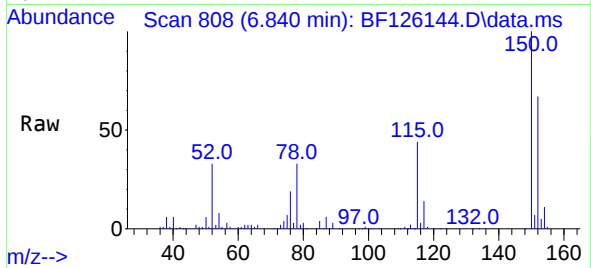
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.017 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

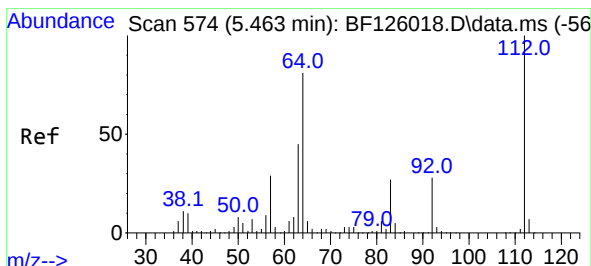
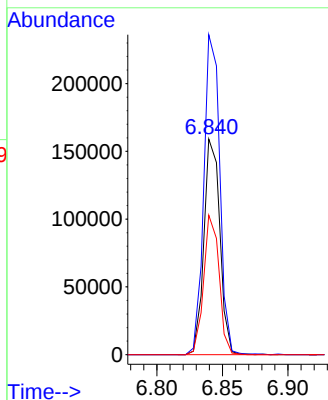
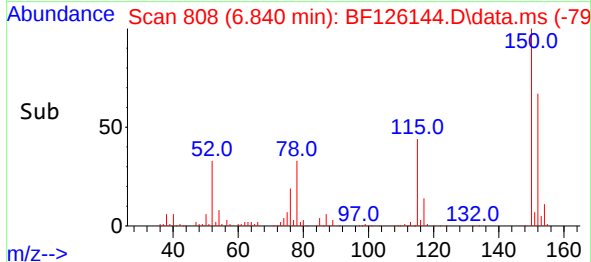
Instrument :
BNA_F
ClientSampleId :
TT-4/1-2



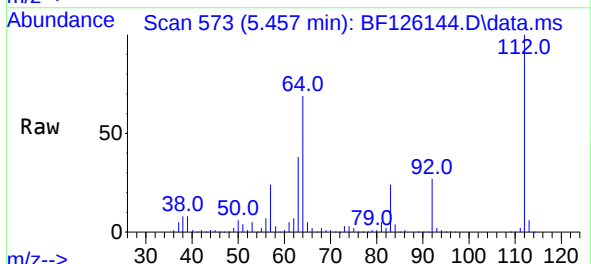
Tgt Ion:152 Resp: 13507
Ion Ratio Lower Upper
152 100
150 148.3 117.6 176.4
115 64.7 47.1 70.7

Manual Integrations
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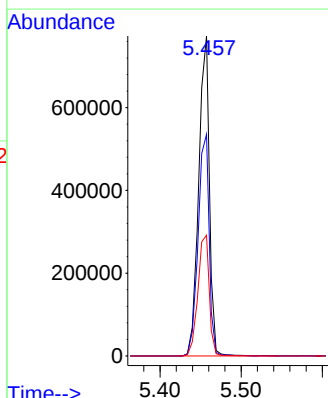
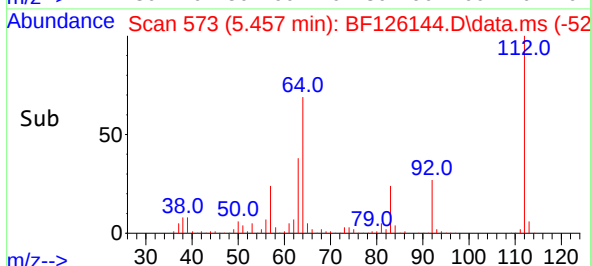
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

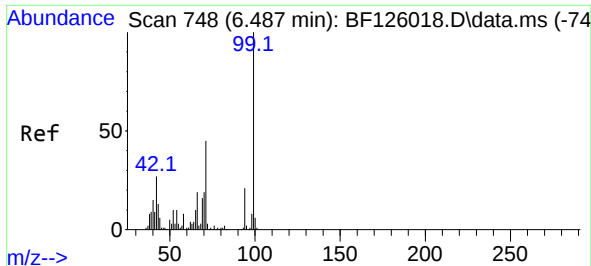


#5
2-Fluorophenol
Concen: 90.306 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11



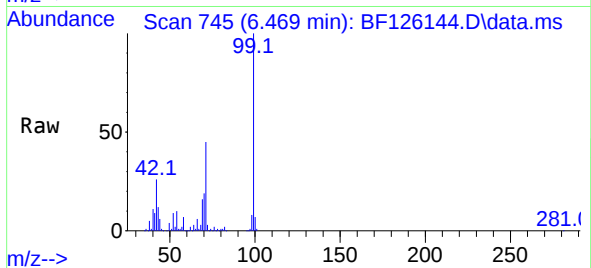
Tgt Ion:112 Resp: 710292
Ion Ratio Lower Upper
112 100
64 69.2 44.2 66.2#
63 37.8 26.2 39.2





#7
Phenol-d6
Concen: 83.914 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

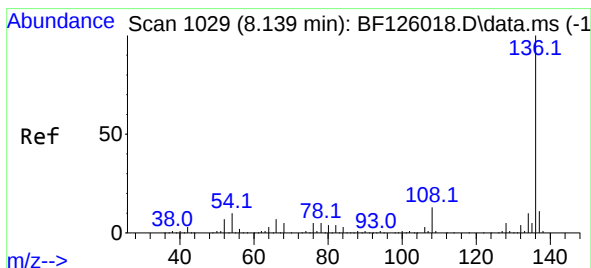
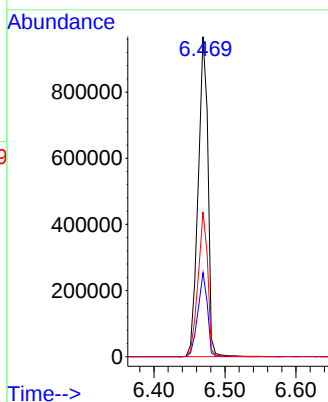
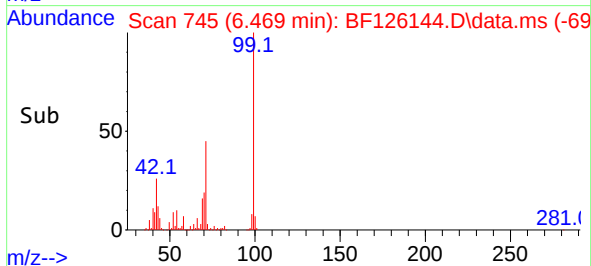
Instrument :
BNA_F
ClientSampleId :
TT-4/1-2



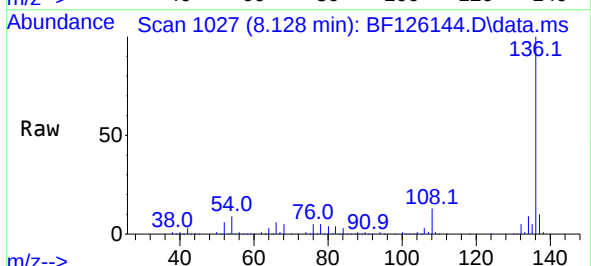
Tgt Ion: 99 Resp: 930415
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 45.2 25.6 38.4

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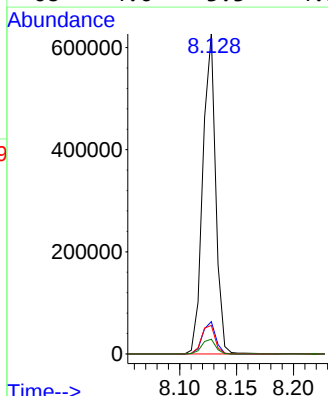
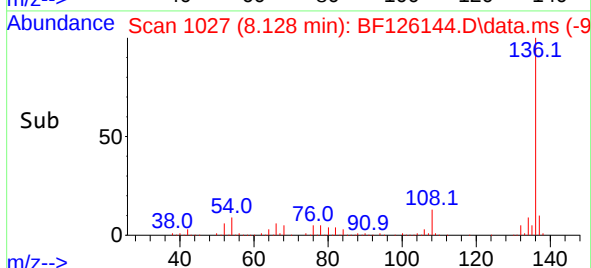
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

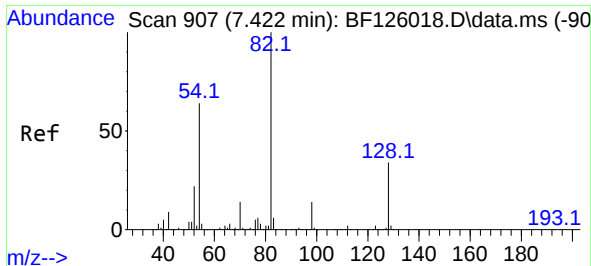


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11



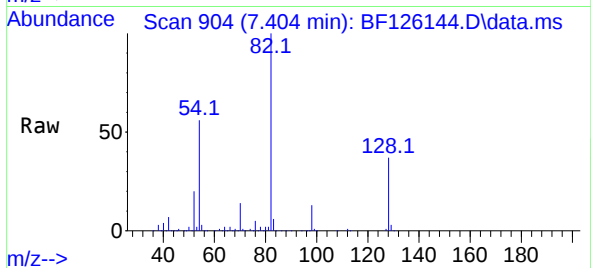
Tgt Ion:136 Resp: 493294
Ion Ratio Lower Upper
136 100
137 10.1 9.8 14.6
54 8.9 6.4 9.6
68 4.6 3.3 4.9





#23
Nitrobenzene-d5
Concen: 63.426 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

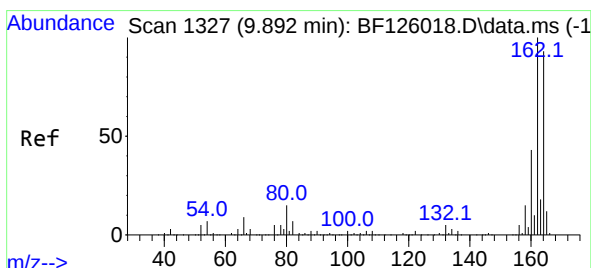
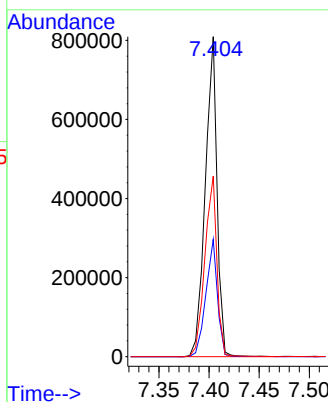
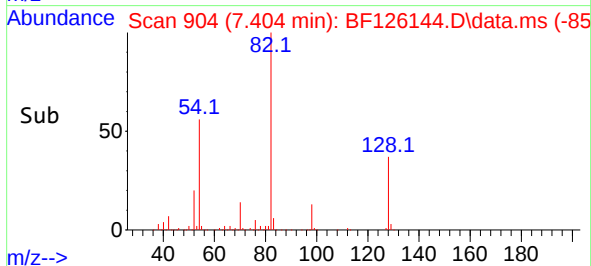
Instrument :
BNA_F
ClientSampleId :
TT-4/1-2



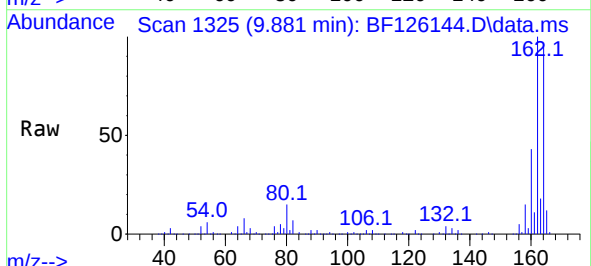
Tgt Ion: 82 Resp: 663430
Ion Ratio Lower Upper
82 100
128 36.7 40.6 60.8
54 56.4 49.6 74.4

Manual Integrations
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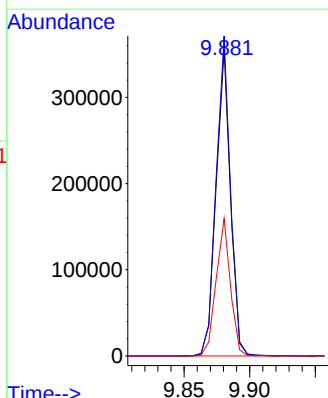
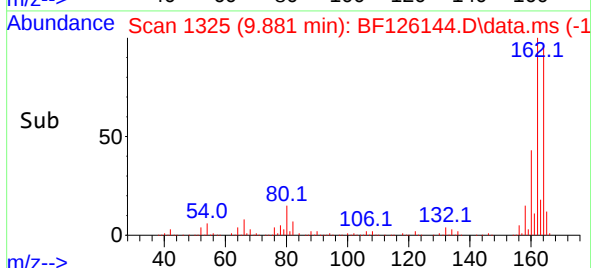
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

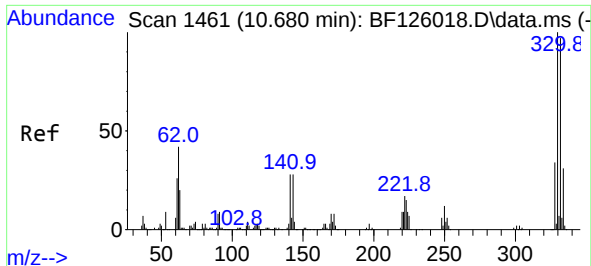


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11



Tgt Ion:164 Resp: 270432
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 44.9 38.0 57.0





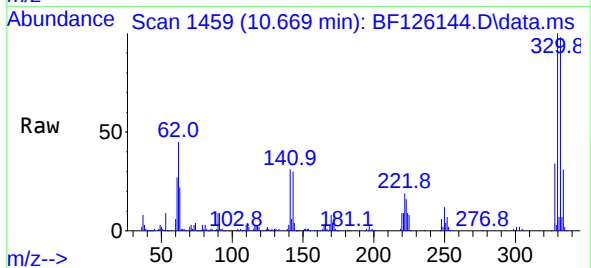
#42
2,4,6-Tribromophenol
Concen: 85.526 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

Instrument :

BNA_F

ClientSampleId :

TT-4/1-2

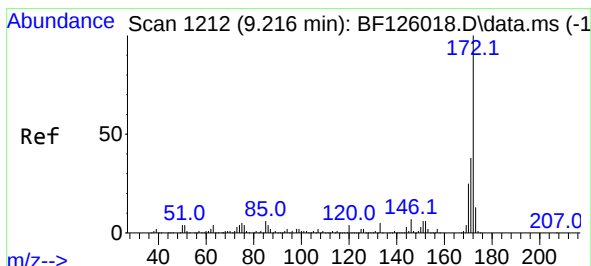
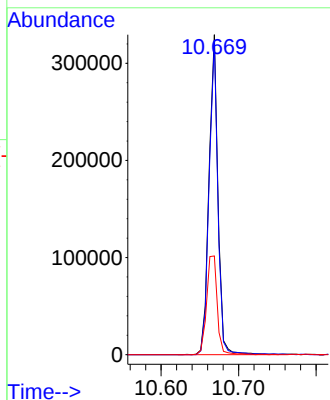
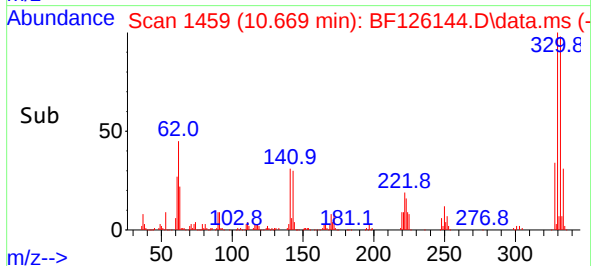


Tgt Ion:330 Resp: 265058
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 36.7 44.6 66.8

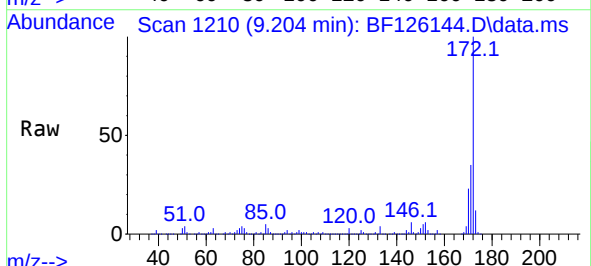
Manual Integrations

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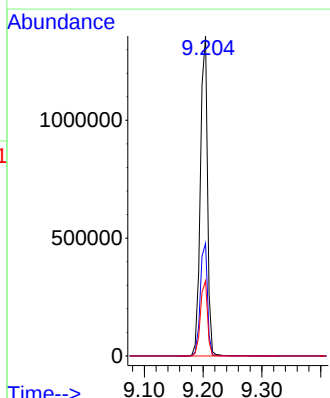
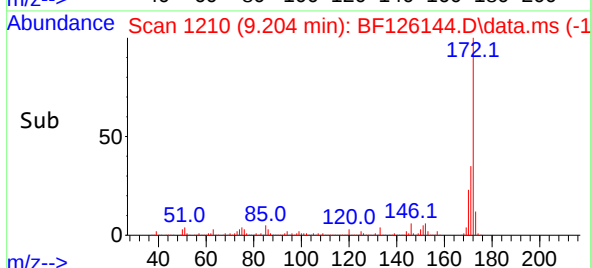
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

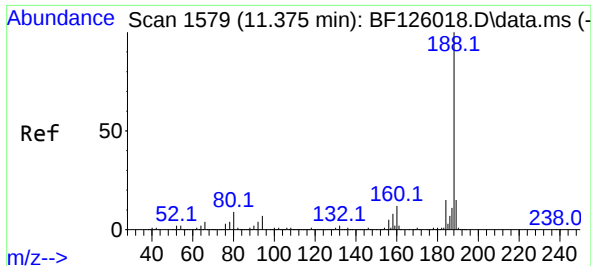


#45
2-Fluorobiphenyl
Concen: 56.822 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11



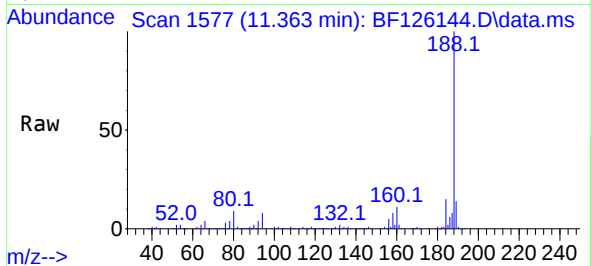
Tgt Ion:172 Resp: 1137109
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

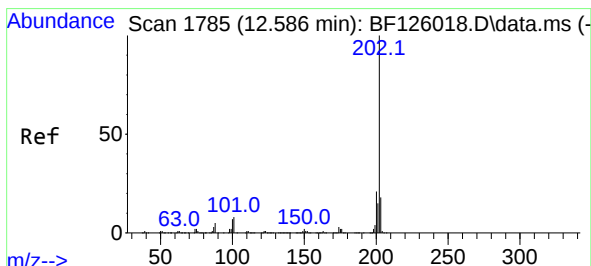
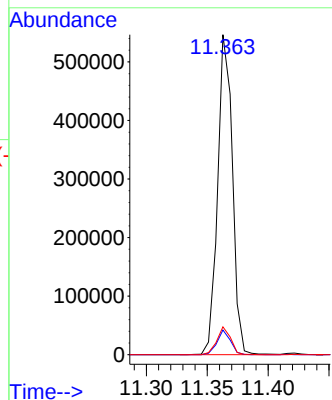
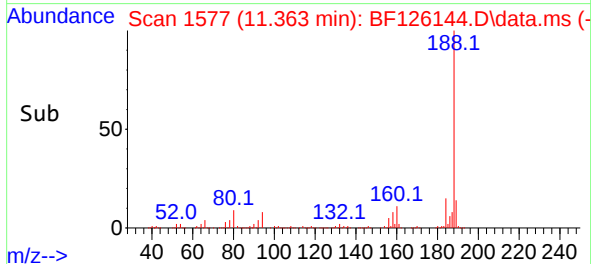
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BNA_F
ClientSampleId :
TT-4/1-2



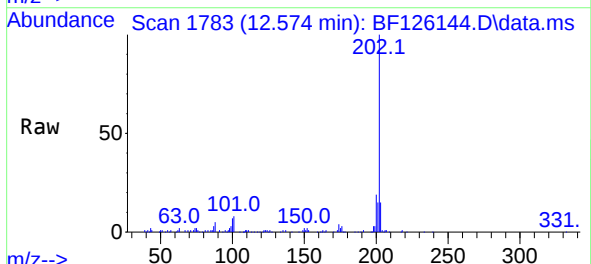
Tgt Ion:188 Resp: 46036
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.7 7.5 11.3

Manual Integrations
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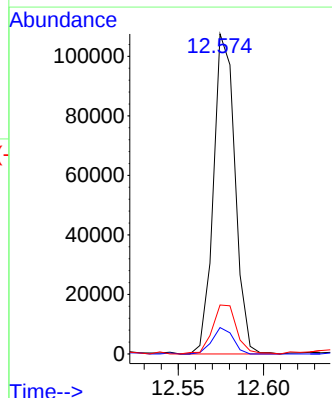
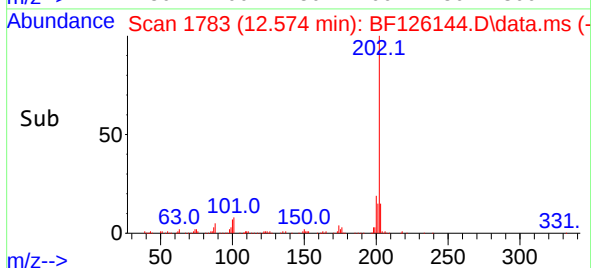
Reviewed By :Jagrut Upadhyay 11/12/2021
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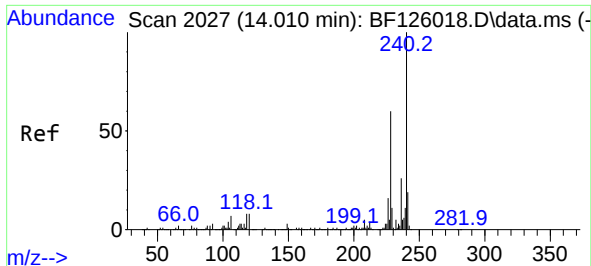


#75
Fluoranthene
Concen: 3.403 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11



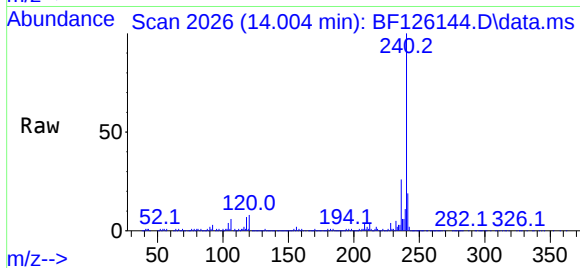
Tgt Ion:202 Resp: 94599
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.7
203 15.3 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

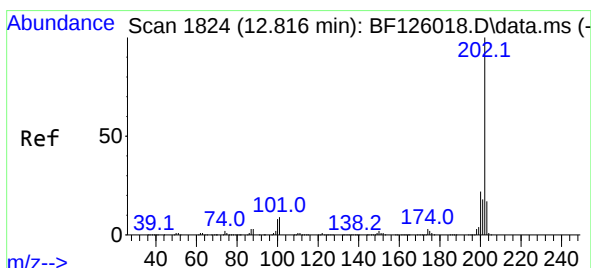
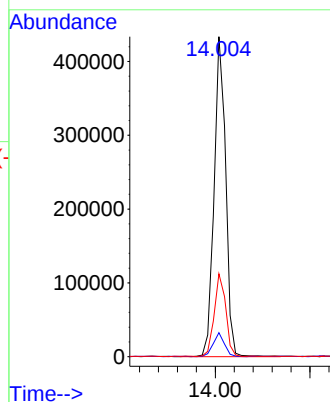
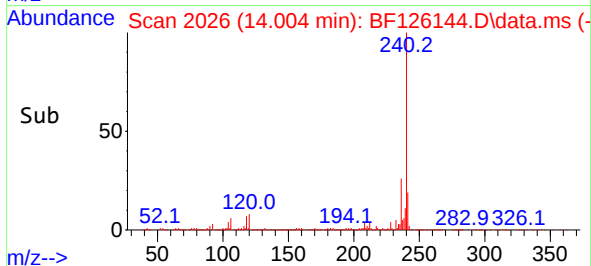
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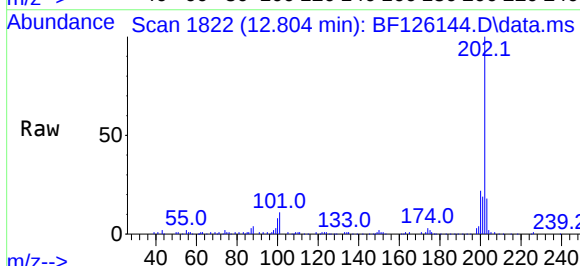
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Ion Ratio Lower Upper
240 100
120 7.5 10.8 16.2
236 25.9 21.6 32.4

Manual Integrations
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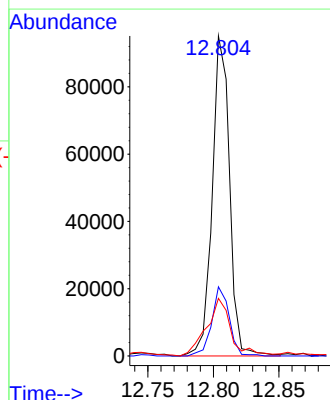
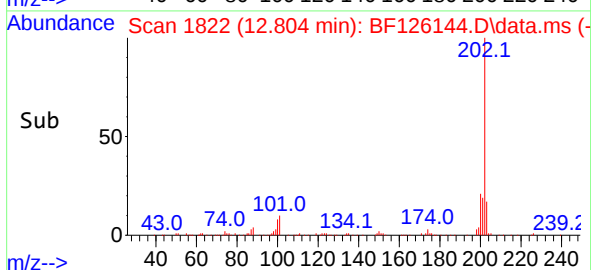
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

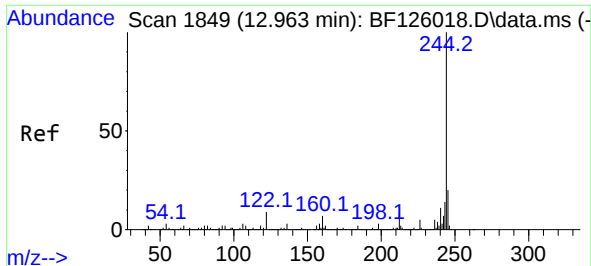


#78
Pyrene
Concen: 2.979 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11



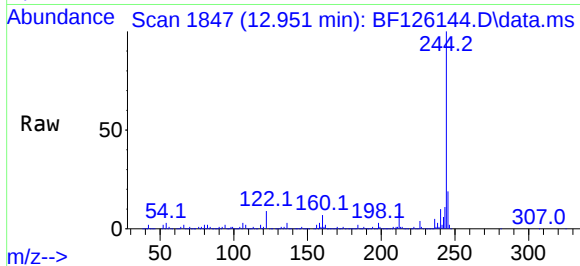
Tgt Ion:202 Resp: 87521
Ion Ratio Lower Upper
202 100
200 21.6 15.3 22.9
203 18.0 13.4 20.0





#79
 Terphenyl-d14
 Concen: 47.747 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF126144.D
 Acq: 12 Nov 2021 1:11

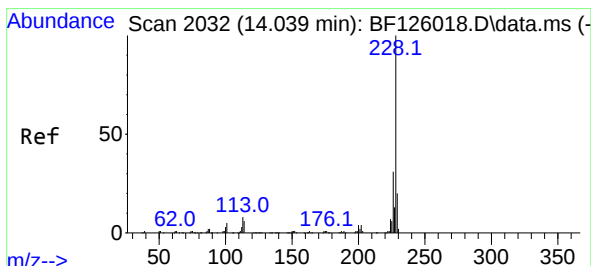
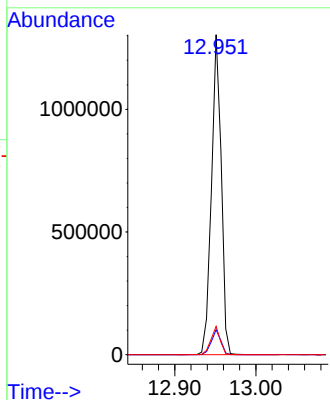
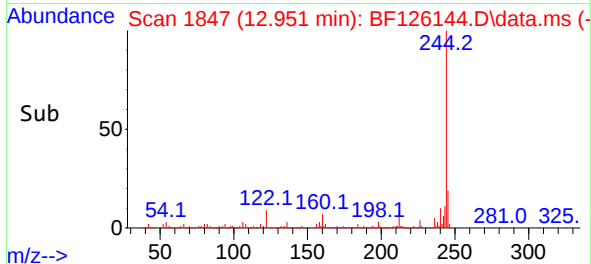
Instrument :
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Tgt Ion:244 Resp: 1084630
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.8 9.0 13.4

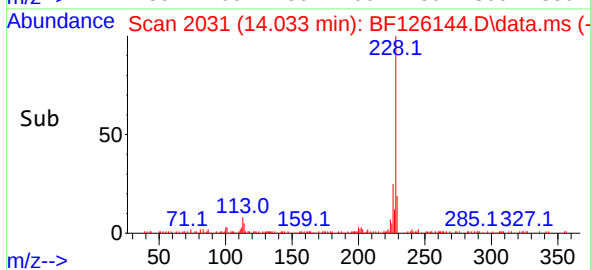
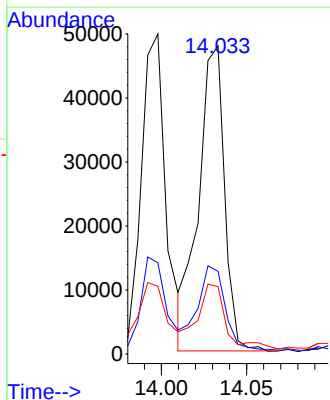
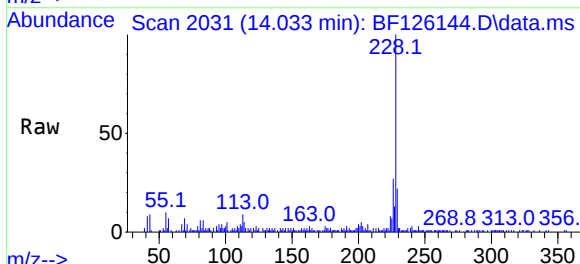
Manual Integrations
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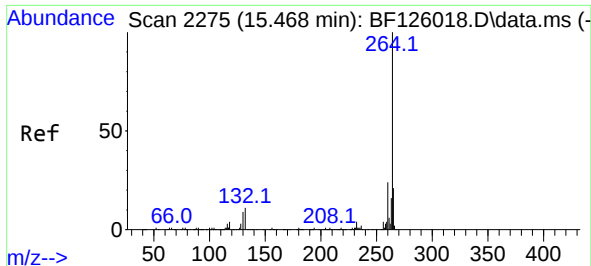
Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021



#83
 Chrysene
 Concen: 2.156 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: BF126144.D
 Acq: 12 Nov 2021 1:11

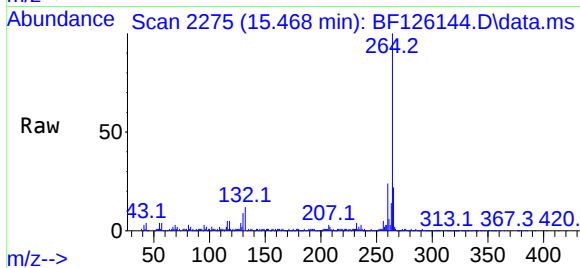
Tgt Ion:228 Resp: 50484
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.6 34.0
 229 21.9 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

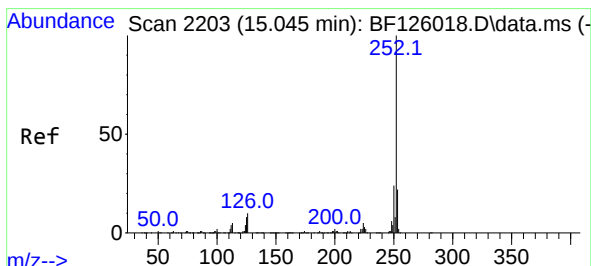
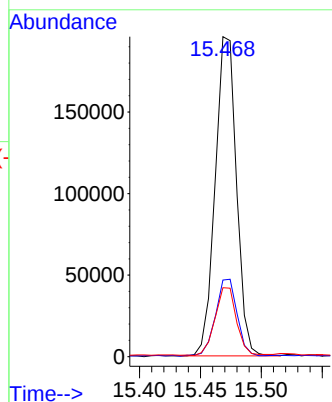
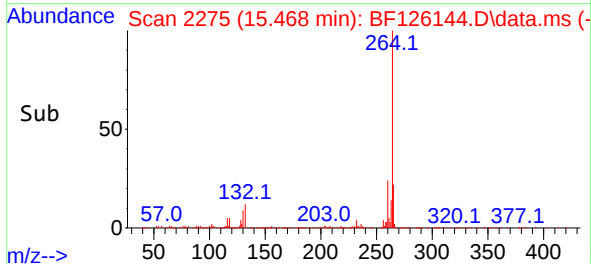
Instrument :
BNA_F
ClientSampleId :
TT-4/1-2



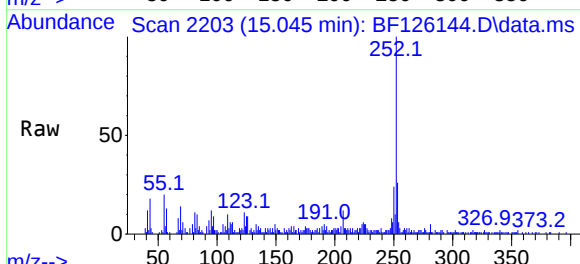
Tgt Ion:264 Resp: 23829
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.5 17.2 25.8

Manual Integrations
APPROVED

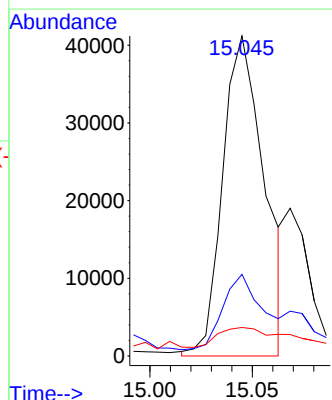
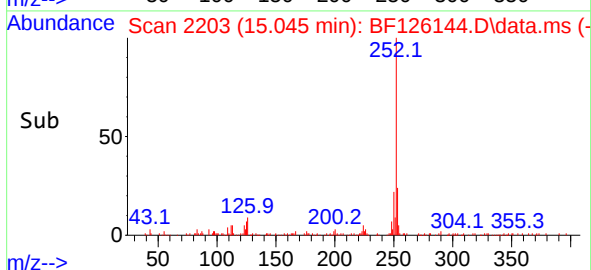
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

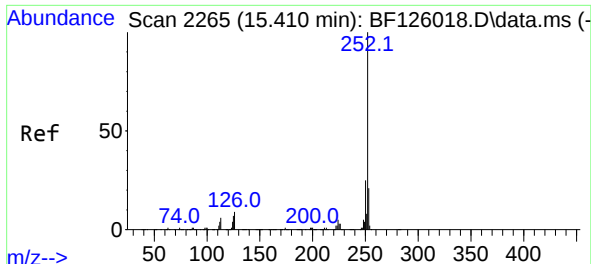


#88
Benzo(b)fluoranthene
Concen: 3.752 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11



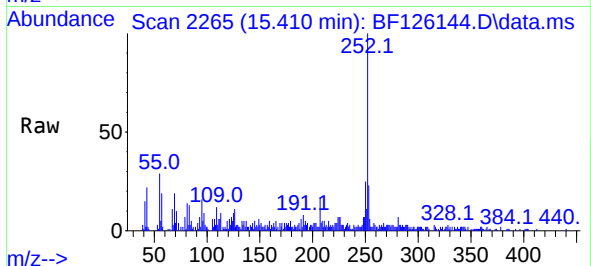
Tgt Ion:252 Resp: 58149
Ion Ratio Lower Upper
252 100
253 25.5 16.8 25.2#
125 8.9 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.214 ng m
RT: 15.410 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

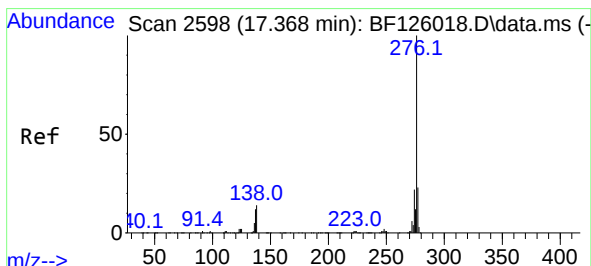
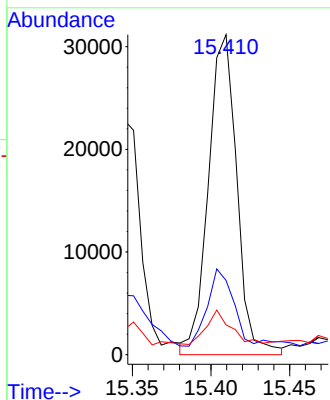
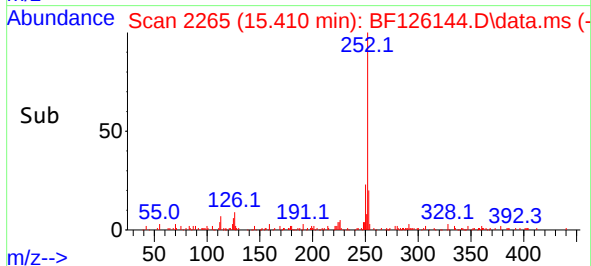
Instrument :
BNA_F
ClientSampleId :
TT-4/1-2



Tgt Ion:252 Resp: 3925
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 9.3 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#92
Benzo(g,h,i)perylene
Concen: 2.053 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF126144.D
Acq: 12 Nov 2021 1:11

Tgt Ion:276 Resp: 22804
Ion Ratio Lower Upper
276 100
277 32.9 22.0 33.0
138 17.6 22.2 33.4

