

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126117.D
 Acq On : 10 Nov 2021 20:26
 Operator : JU/CG
 Sample : M4576-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-2

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 09:32:26 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	6.857	152	166827	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	535466	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	252317	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	433324	20.000	ng	0.00
76) Chrysene-d12	14.027	240	372302	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	279985	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	468060	48.181	ng	0.00
7) Phenol-d6	6.481	99	567201	41.418	ng	0.00
23) Nitrobenzene-d5	7.410	82	380559	33.517	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	128560	44.460	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	589927	31.595	ng	0.00
79) Terphenyl-d14	12.968	244	598201	25.910	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.992	79	32854	2.809	ng	95
71) Phenanthrene	11.404	178	398819	16.971	ng	# 95
72) Anthracene	11.457	178	58382m	2.488	ng	
75) Fluoranthene	12.598	202	700157	26.756	ng	93
78) Pyrene	12.827	202	548086	18.357	ng	94
80) Butylbenzylphthalate	13.445	149	39295	3.613	ng	# 49
81) Benzo(a)anthracene	14.015	228	207925	8.130	ng	93
83) Chrysene	14.051	228	268601	11.287	ng	96
84) Bis(2-ethylhexyl)phtha...	14.004	149	215508	14.298	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.962	276	85263	5.145	ng	# 82
88) Benzo(b)fluoranthene	15.068	252	249442m	13.697	ng	
89) Benzo(k)fluoranthene	15.092	252	77438m	4.383	ng	
90) Benzo(a)pyrene	15.433	252	137130	9.558	ng	# 93
92) Benzo(g,h,i)perylene	17.404	276	75372	5.774	ng	# 88

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

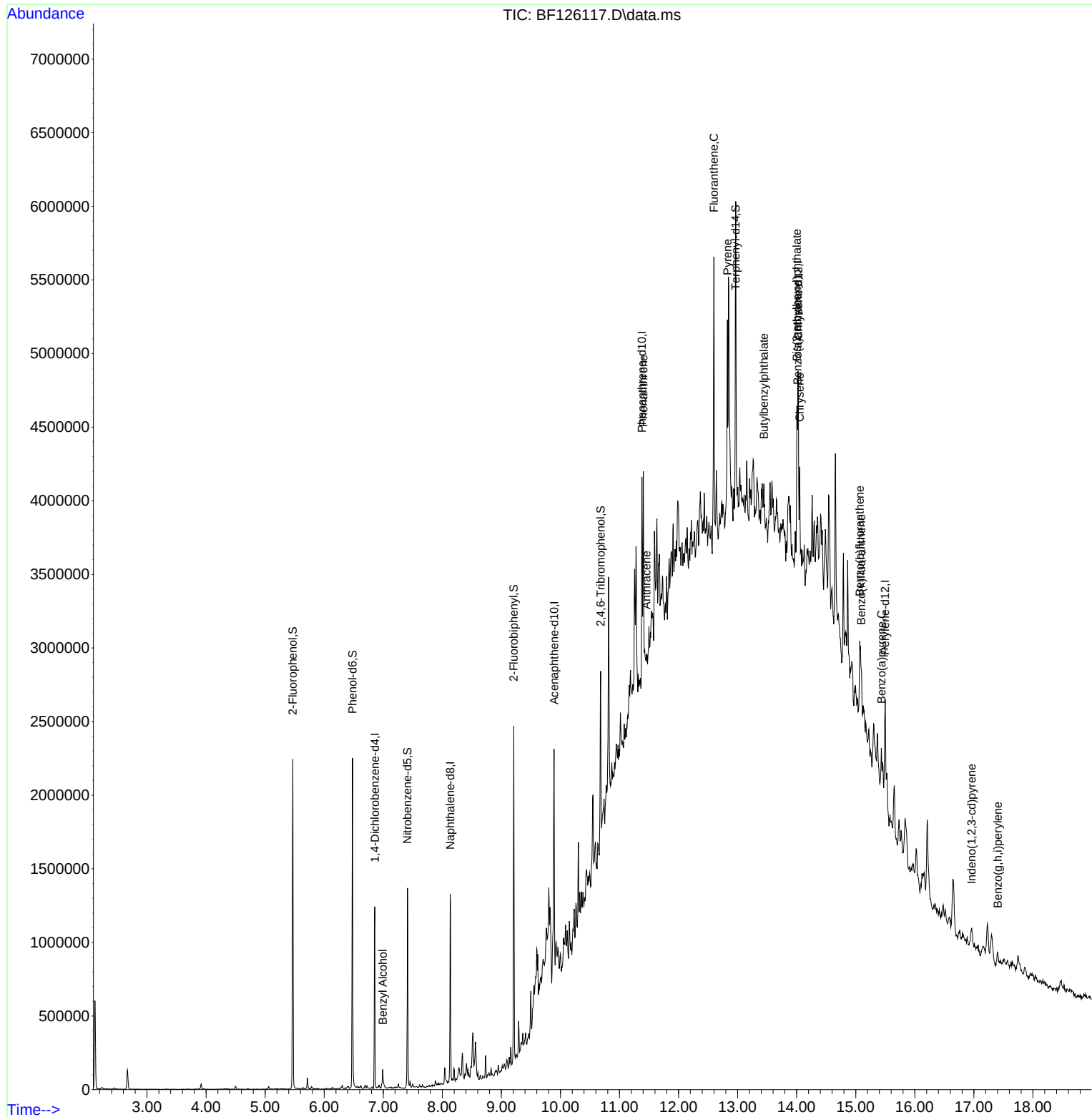
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
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ALS Vial : 21 Sample Multiplier: 1

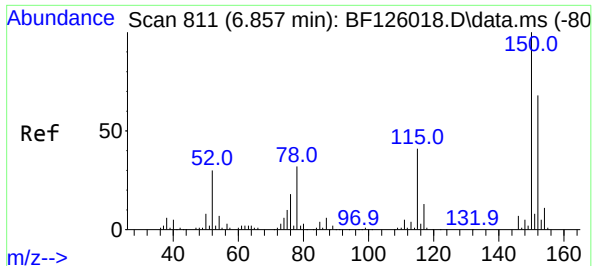
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Quant Time: Nov 11 09:32:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
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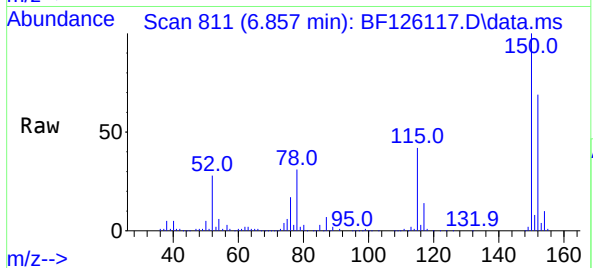
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

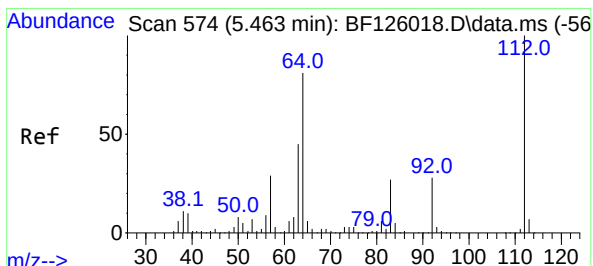
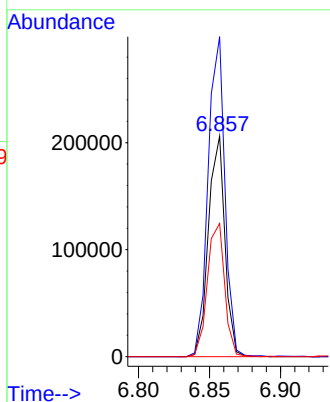
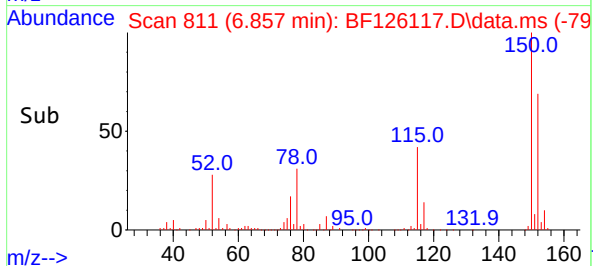
Instrument :
BNA_F
ClientSampleId :
DW-2



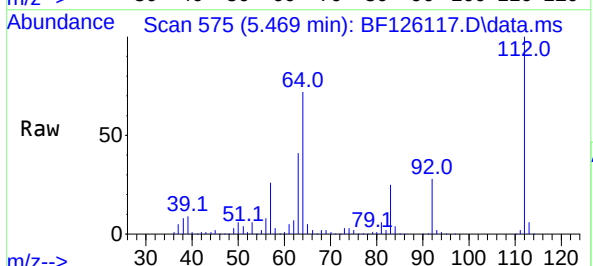
Tgt Ion:152 Resp: 166827
Ion Ratio Lower Upper
152 100
150 145.0 117.6 176.4
115 60.4 47.1 70.7

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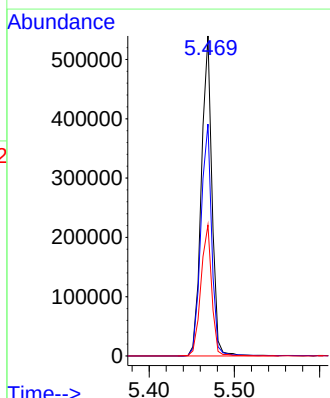
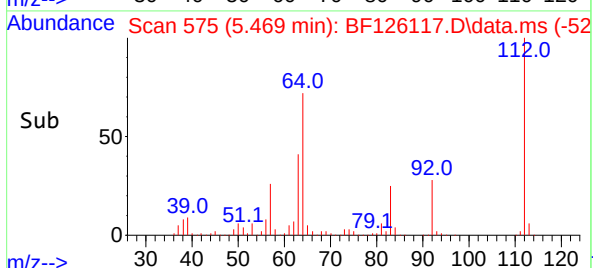
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

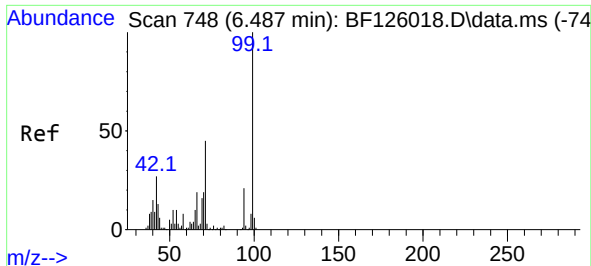


#5
2-Fluorophenol
Concen: 48.181 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26



Tgt Ion:112 Resp: 468060
Ion Ratio Lower Upper
112 100
64 72.5 44.2 66.2#
63 40.9 26.2 39.2#





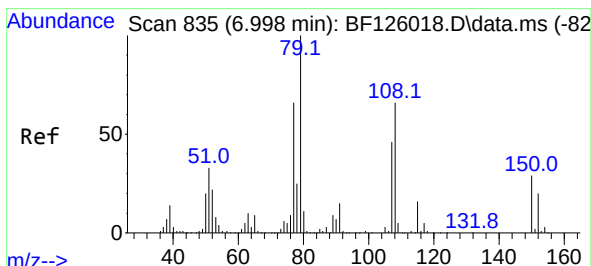
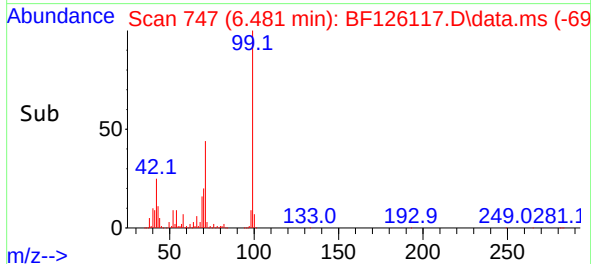
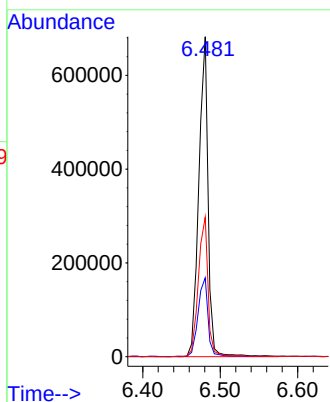
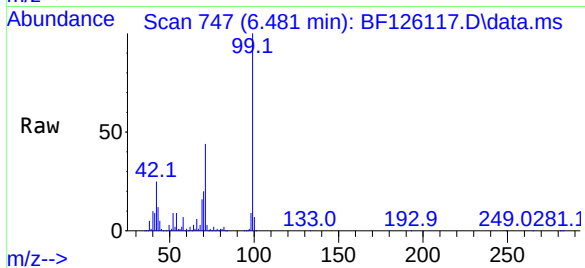
#7
Phenol-d6
Concen: 41.418 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion: 99 Resp: 56720
Ion Ratio Lower Upper
99 100
42 24.6 23.5 35.3
71 43.6 25.6 38.4

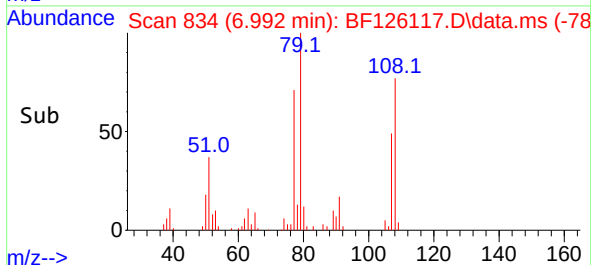
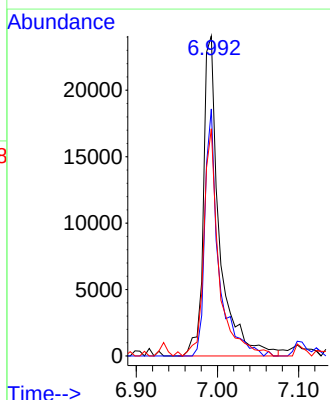
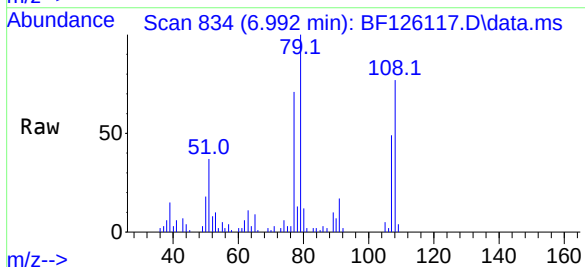
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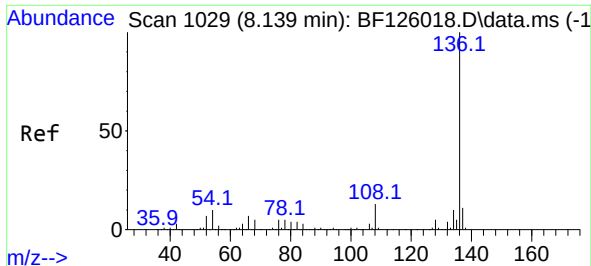
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#15
Benzyl Alcohol
Concen: 2.809 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

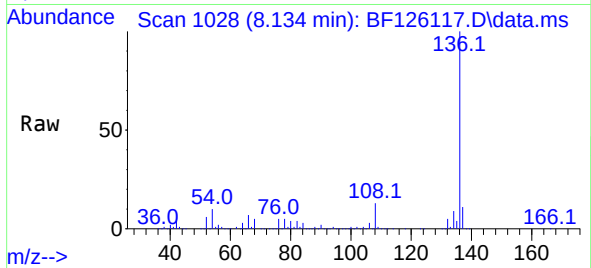
Tgt Ion: 79 Resp: 32854
Ion Ratio Lower Upper
79 100
108 77.2 60.4 90.6
77 71.0 51.5 77.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

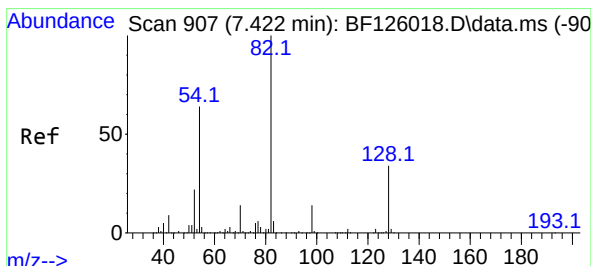
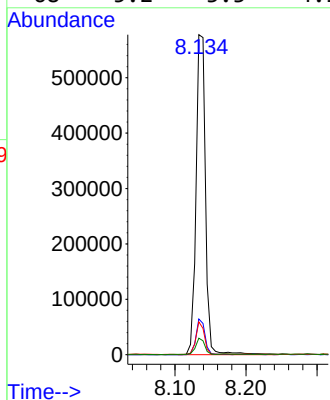
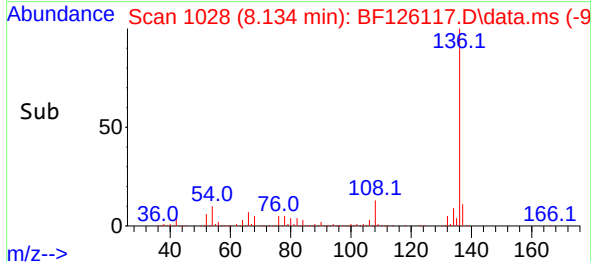
Instrument :
BNA_F
ClientSampleId :
DW-2



Tgt Ion:136 Resp: 535460
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.2 6.4 9.6
68 5.2 3.3 4.9

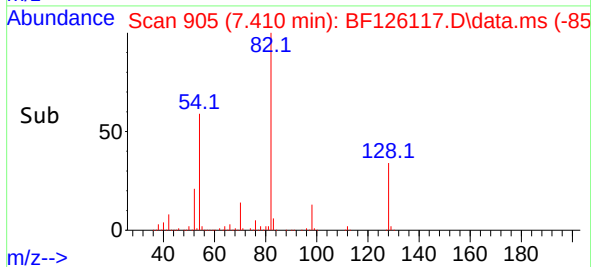
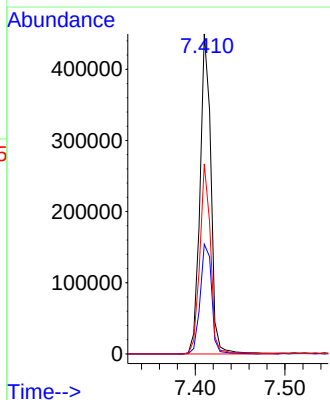
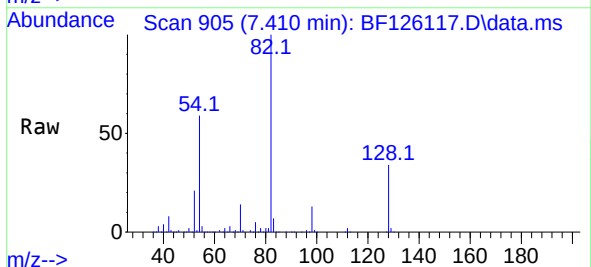
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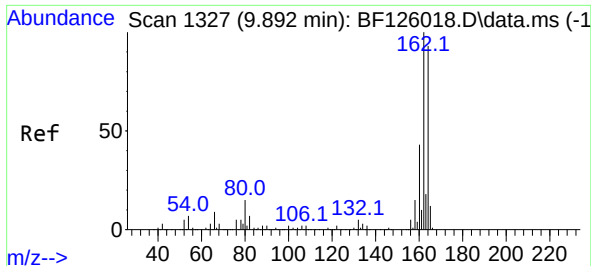
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#23
Nitrobenzene-d5
Concen: 33.517 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

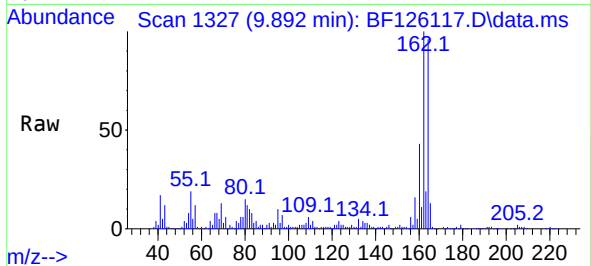
Tgt Ion: 82 Resp: 380559
Ion Ratio Lower Upper
82 100
128 34.3 40.6 60.8
54 59.4 49.6 74.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

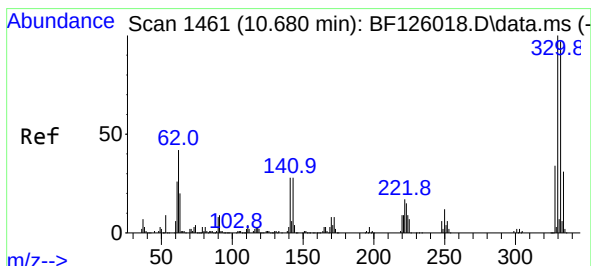
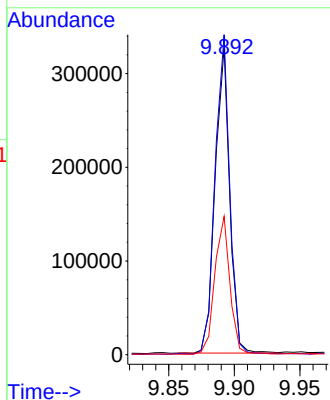
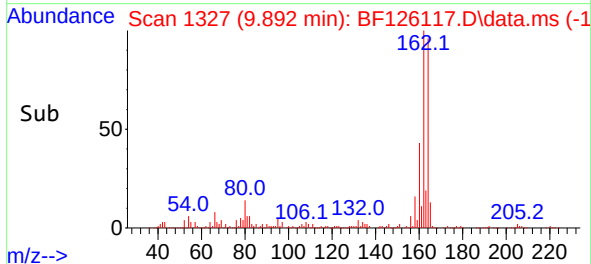
Instrument :
BNA_F
ClientSampleId :
DW-2



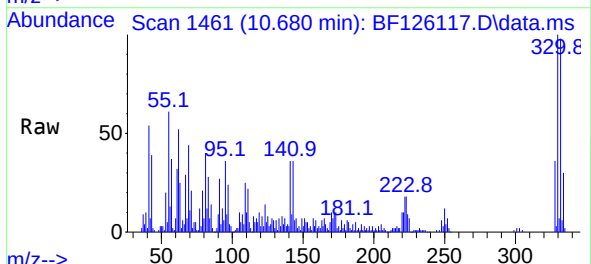
Tgt Ion:164 Resp: 25231
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 45.0 38.0 57.0

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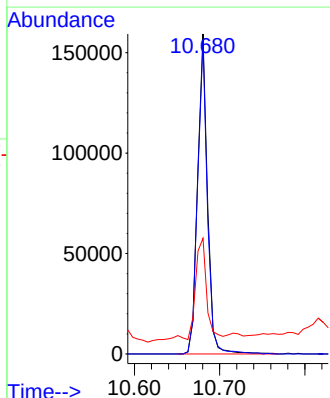
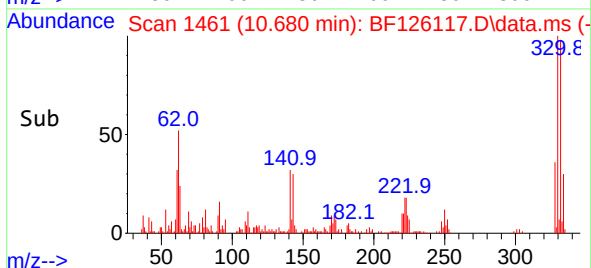
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

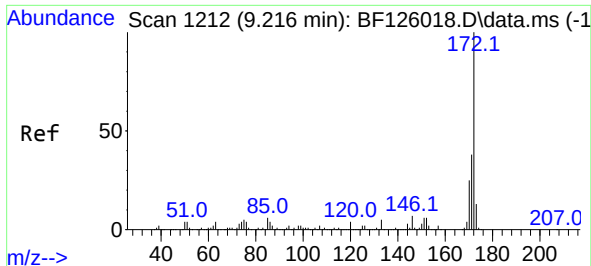


#42
2,4,6-Tribromophenol
Concen: 44.460 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26



Tgt Ion:330 Resp: 128560
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 40.8 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 31.595 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126117.D

Acq: 10 Nov 2021 20:26

Instrument :

BNA_F

ClientSampleId :

DW-2

Tgt Ion:172 Resp: 58992

Ion Ratio Lower Upper

172 100

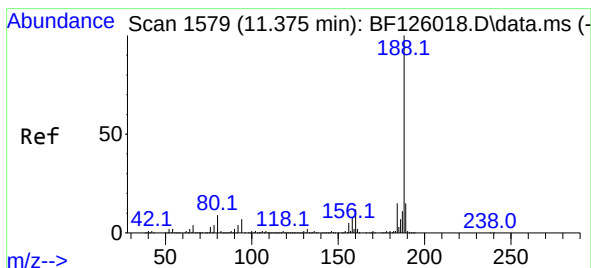
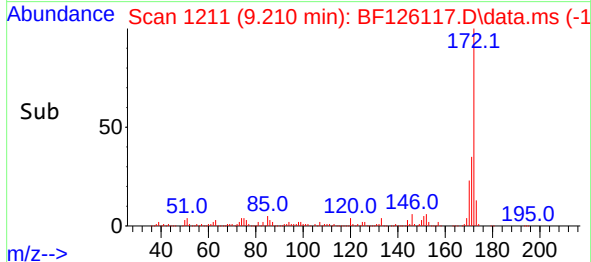
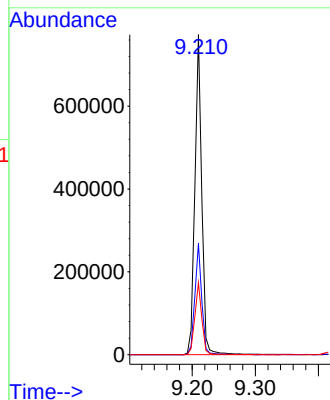
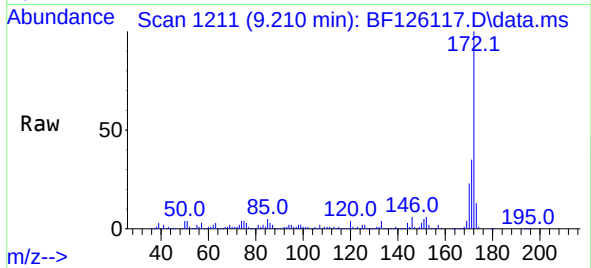
171 34.7 26.5 39.7

170 22.5 18.8 28.2

Manual Integrations

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.005 min

Lab File: BF126117.D

Acq: 10 Nov 2021 20:26

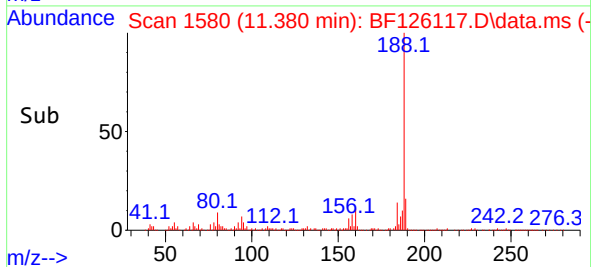
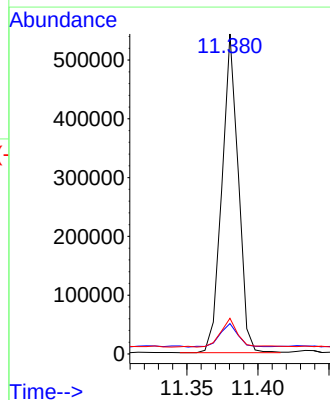
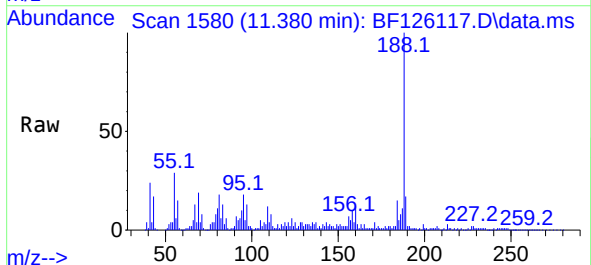
Tgt Ion:188 Resp: 433324

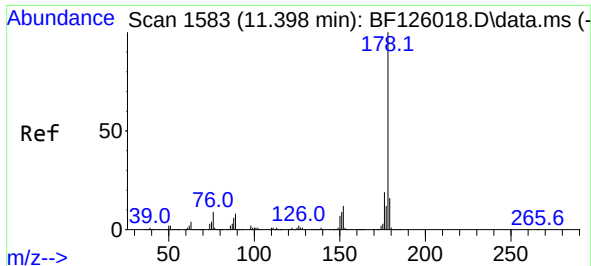
Ion Ratio Lower Upper

188 100

94 9.5 6.7 10.1

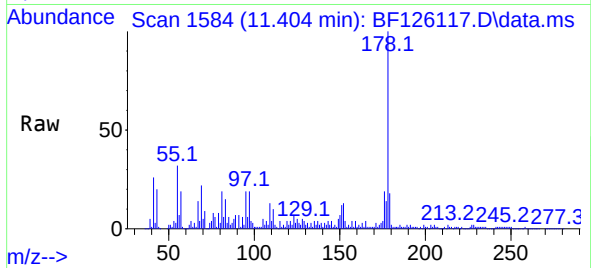
80 11.2 7.5 11.3





#71
Phenanthrene
Concen: 16.971 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

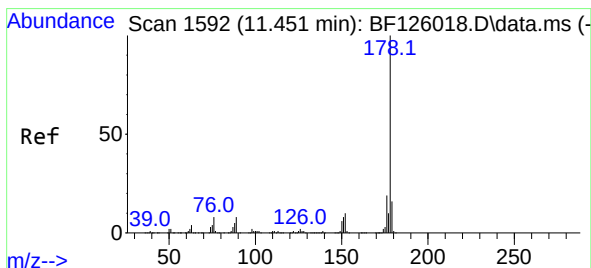
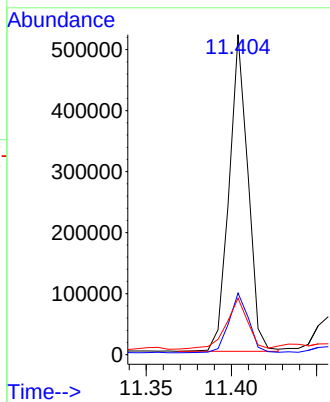
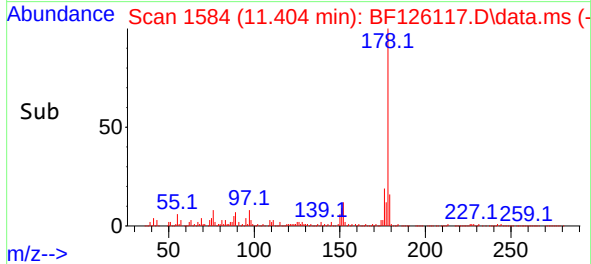
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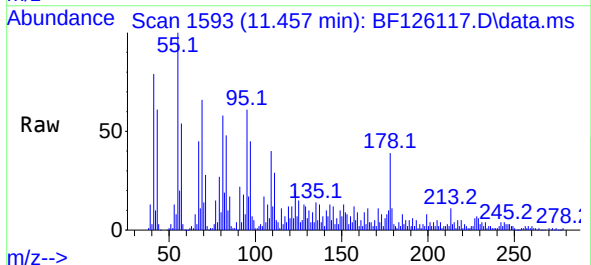
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Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 17.7 11.5 17.3

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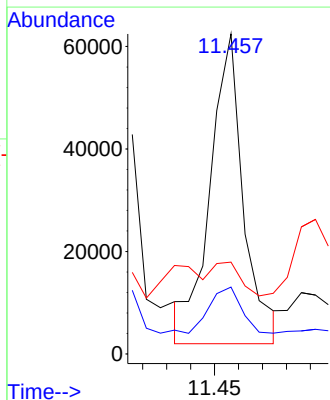
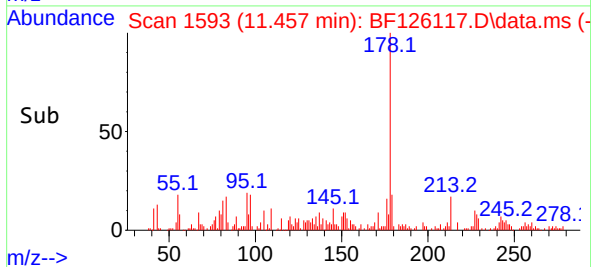
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

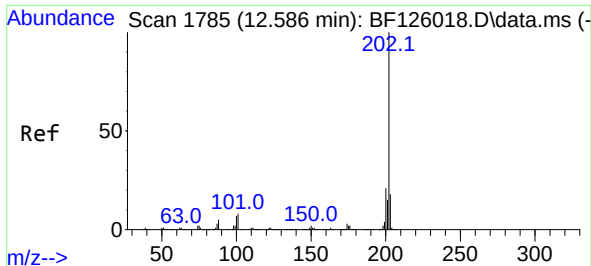


#72
Anthracene
Concen: 2.488 ng m
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26



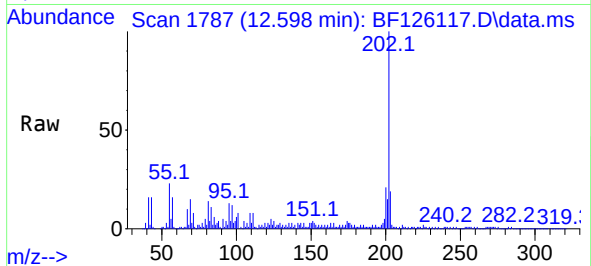
Tgt Ion:178 Resp: 58382
Ion Ratio Lower Upper
178 100
176 20.9 14.3 21.5
179 28.7 12.2 18.4





#75
Fluoranthene
Concen: 26.756 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

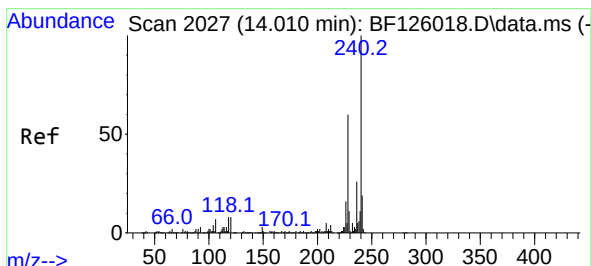
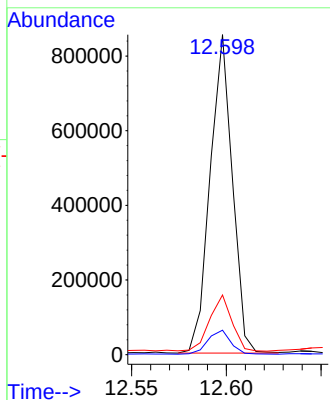
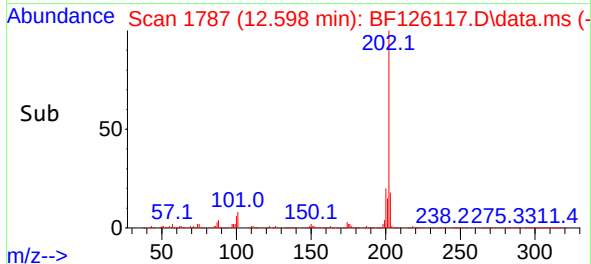
Instrument :
BNA_F
ClientSampleId :
DW-2



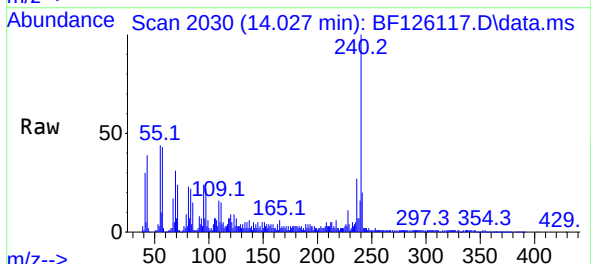
Tgt Ion:202 Resp: 70015
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.7
203 18.7 0.0 36.3

Manual Integrations
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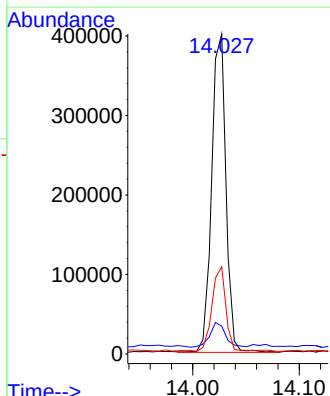
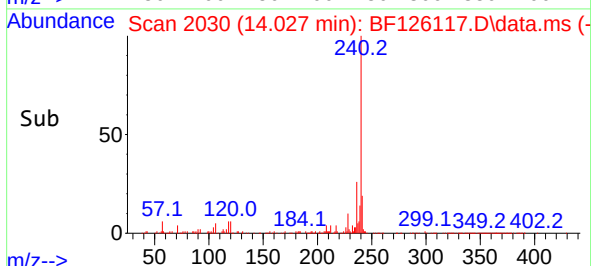
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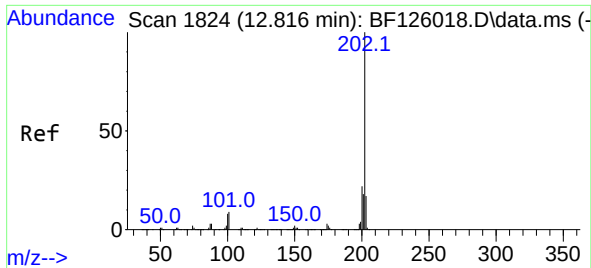


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.017 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26



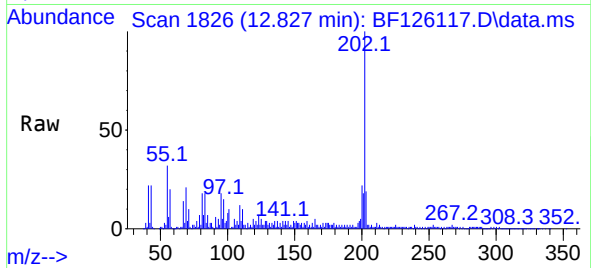
Tgt Ion:240 Resp: 372302
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 27.3 21.6 32.4





#78
Pyrene
Concen: 18.357 ng
RT: 12.827 min Scan# 1824
Delta R.T. 0.011 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

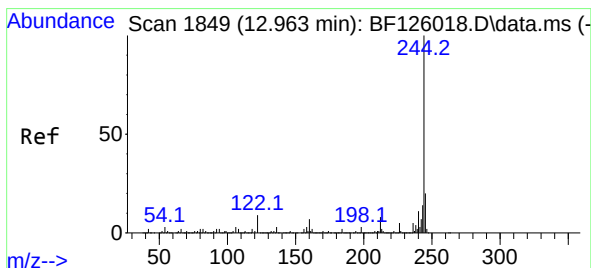
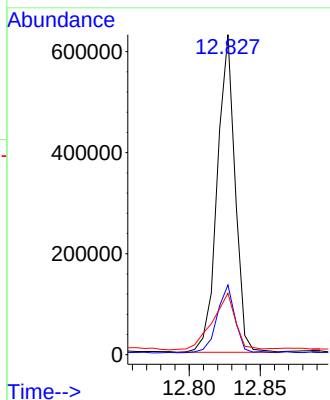
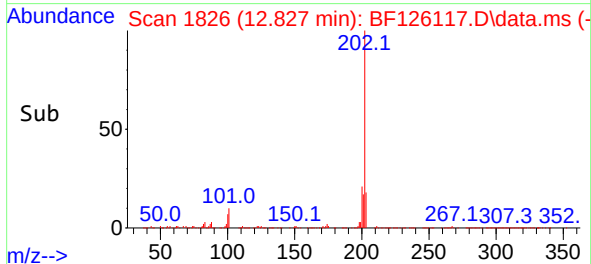
Instrument :
BNA_F
ClientSampleId :
DW-2



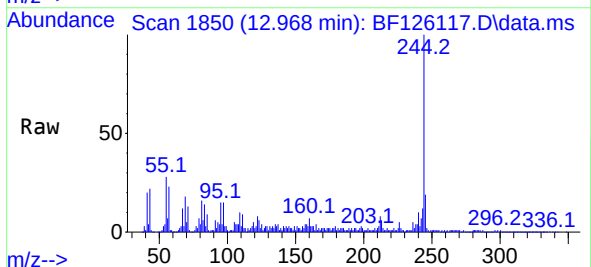
Tgt Ion:202 Resp: 548080
Ion Ratio Lower Upper
202 100
200 21.8 15.3 22.9
203 19.2 13.4 20.0

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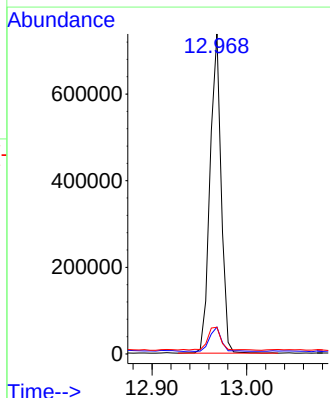
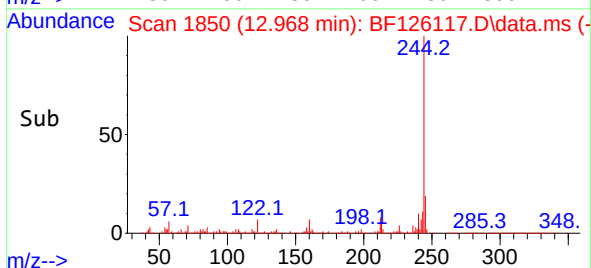
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

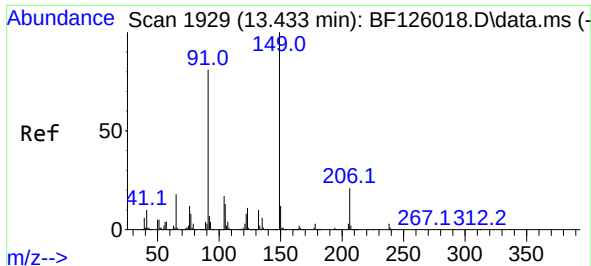


#79
Terphenyl-d14
Concen: 25.910 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.005 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26



Tgt Ion:244 Resp: 598201
Ion Ratio Lower Upper
244 100
212 8.4 5.9 8.9
122 8.3 9.0 13.4





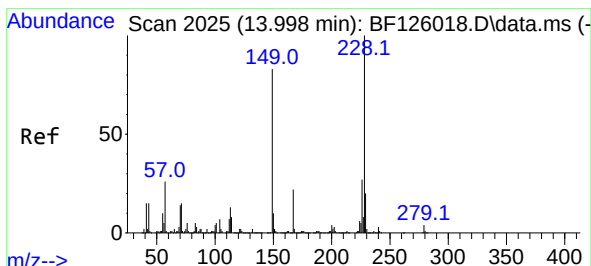
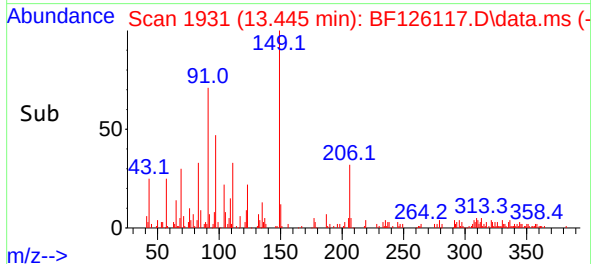
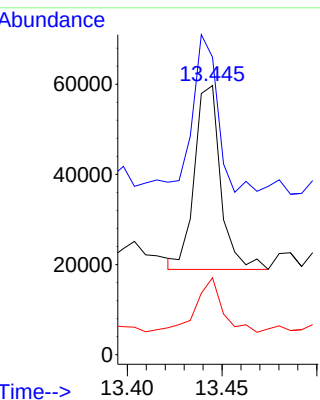
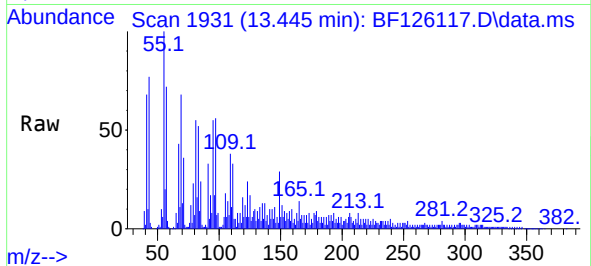
#80
Butylbenzylphthalate
Concen: 3.613 ng
RT: 13.445 min Scan# 1929
Delta R.T. 0.012 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:149 Resp: 3929
Ion Ratio Lower Upper
149 100
91 110.5 51.8 77.8
206 28.6 14.5 21.7

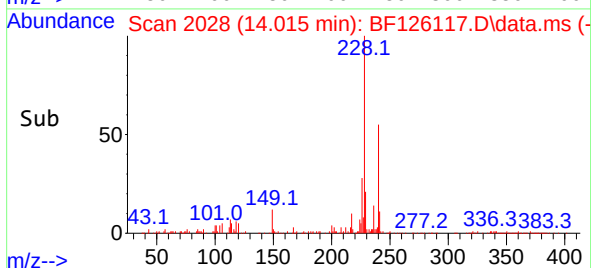
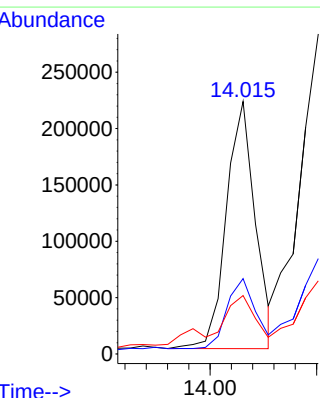
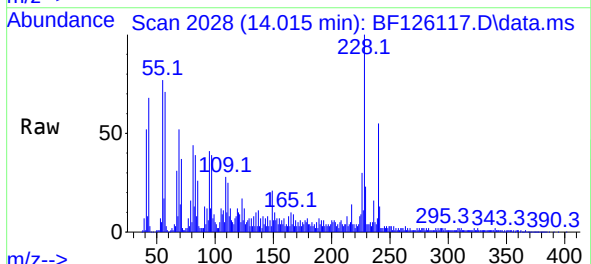
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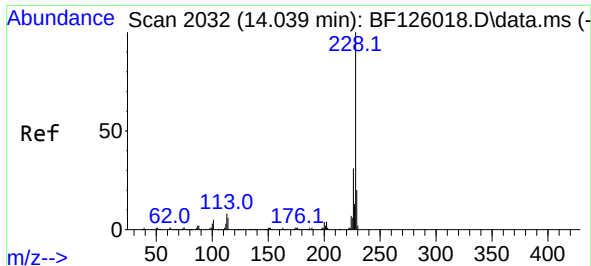
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#81
Benzo(a)anthracene
Concen: 8.130 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.017 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

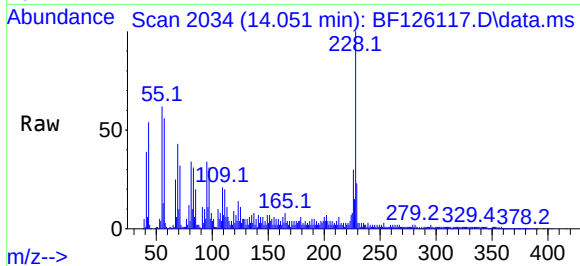
Tgt Ion:228 Resp: 207925
Ion Ratio Lower Upper
228 100
226 29.9 21.6 32.4
229 23.2 15.6 23.4





#83
Chrysene
Concen: 11.287 ng
RT: 14.051 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

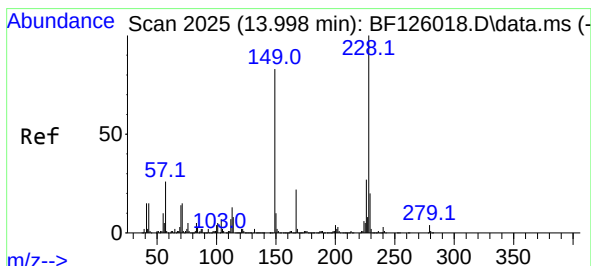
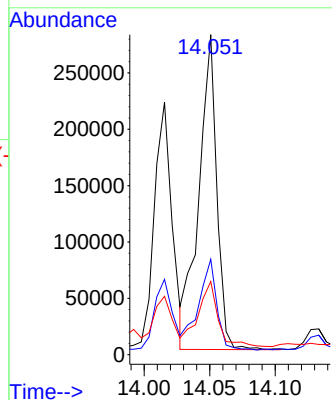
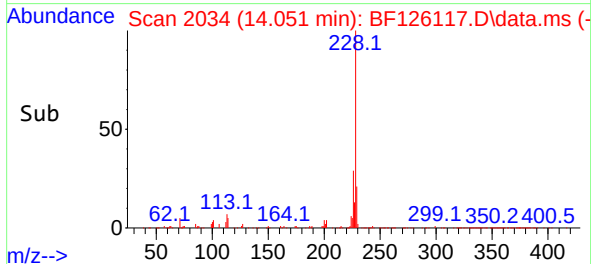
Instrument :
BNA_F
ClientSampleId :
DW-2



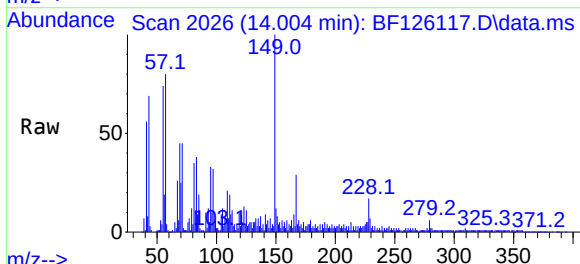
Tgt Ion:228 Resp: 26860
Ion Ratio Lower Upper
228 100
226 29.8 22.6 34.0
229 22.8 15.9 23.9

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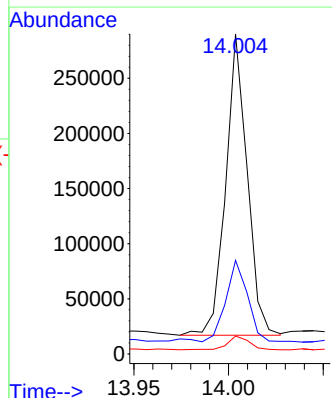
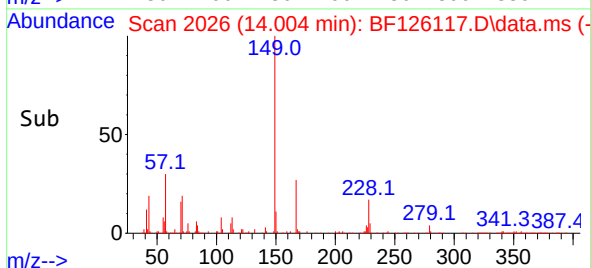
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

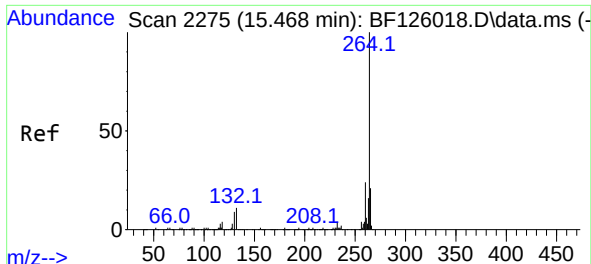


#84
Bis(2-ethylhexyl)phthalate
Concen: 14.298 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26



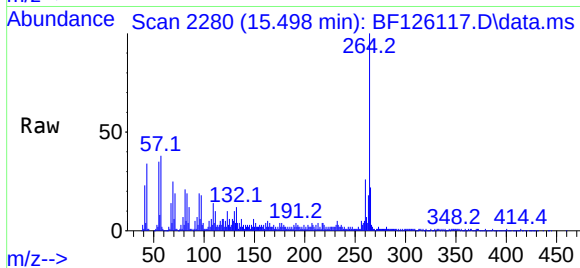
Tgt Ion:149 Resp: 215508
Ion Ratio Lower Upper
149 100
167 29.2 21.4 32.0
279 5.6 2.6 4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

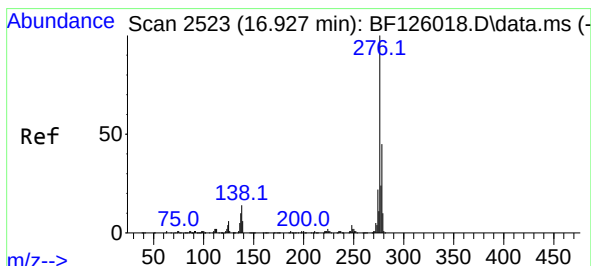
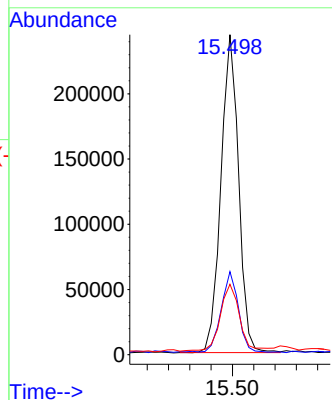
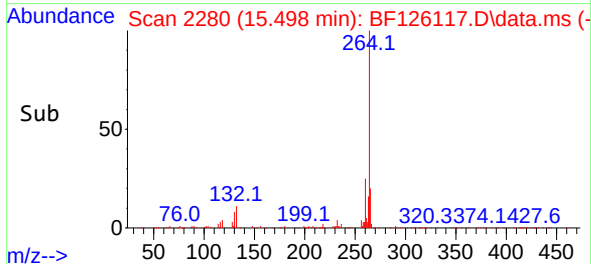
Instrument :
BNA_F
ClientSampleId :
DW-2



Tgt Ion:264 Resp: 279985
Ion Ratio Lower Upper
264 100
260 25.9 19.6 29.4
265 22.0 17.2 25.8

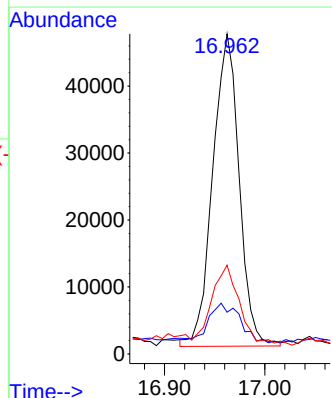
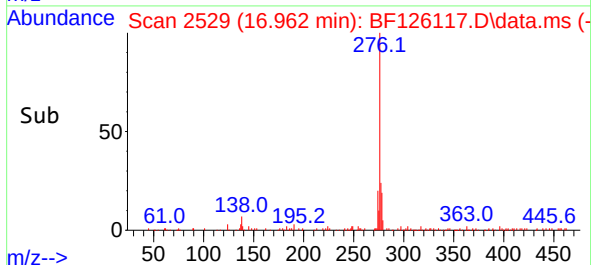
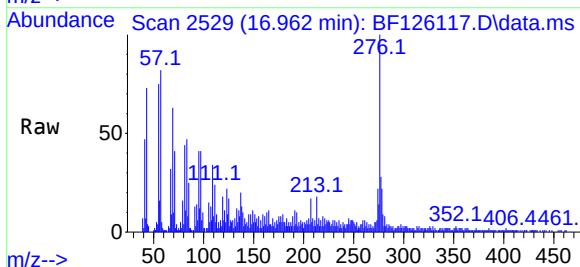
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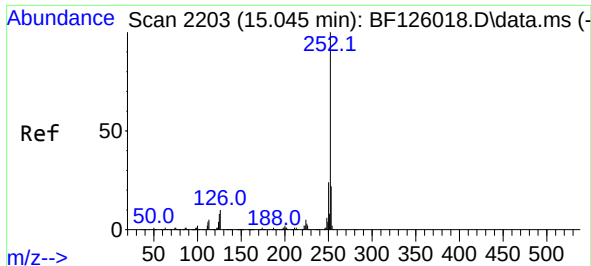
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.145 ng
RT: 16.962 min Scan# 2529
Delta R.T. 0.035 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

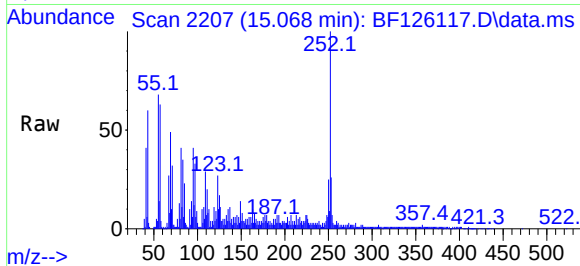
Tgt Ion:276 Resp: 85263
Ion Ratio Lower Upper
276 100
138 15.9 24.1 36.1#
277 27.5 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 13.697 ng m
RT: 15.068 min Scan# 2111
Delta R.T. 0.023 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

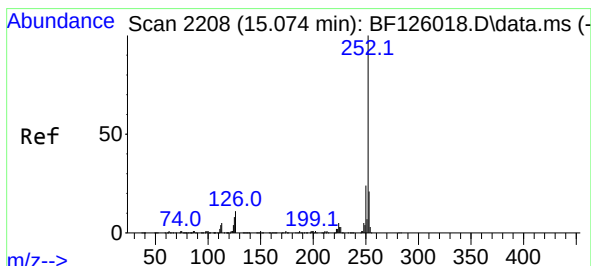
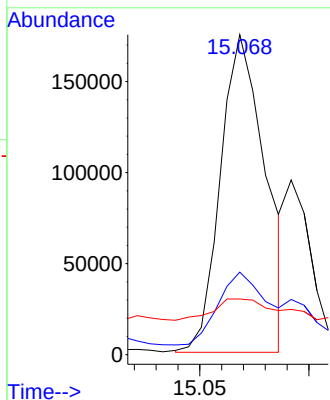
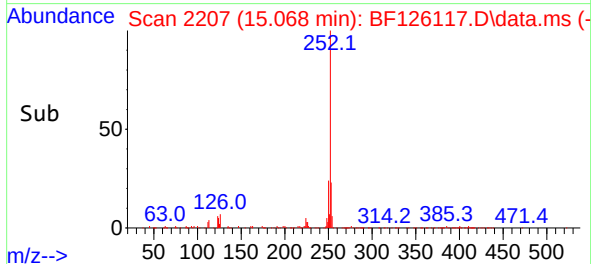
Instrument :
BNA_F
ClientSampleId :
DW-2



Tgt Ion:252 Resp: 24944
Ion Ratio Lower Upper
252 100
253 25.8 16.8 25.2
125 17.4 9.8 14.8

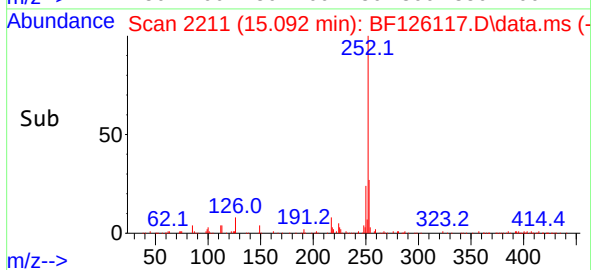
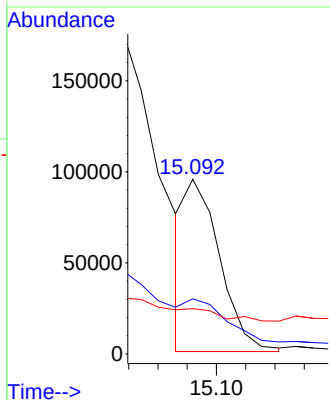
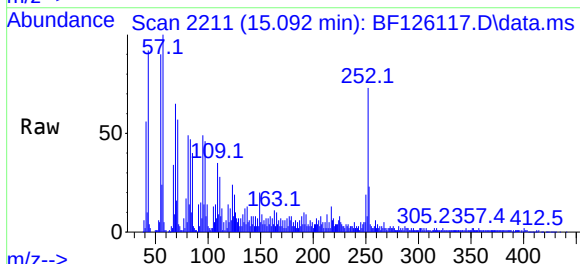
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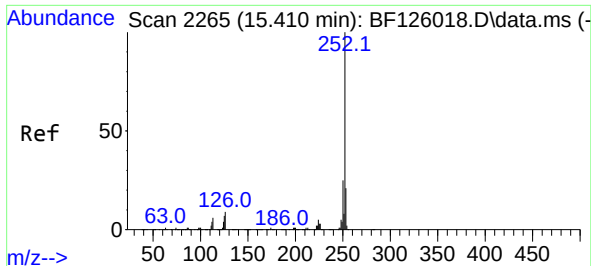
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#89
Benzo(k)fluoranthene
Concen: 4.383 ng m
RT: 15.092 min Scan# 2211
Delta R.T. 0.018 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

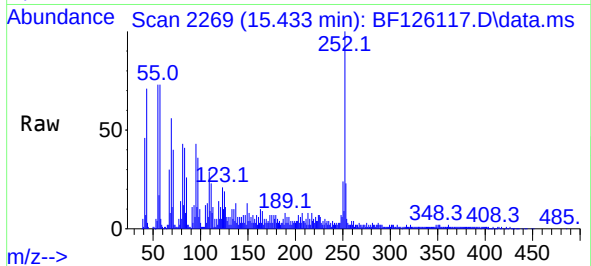
Tgt Ion:252 Resp: 77438
Ion Ratio Lower Upper
252 100
253 31.6 17.8 26.8#
125 25.9 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 9.558 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26

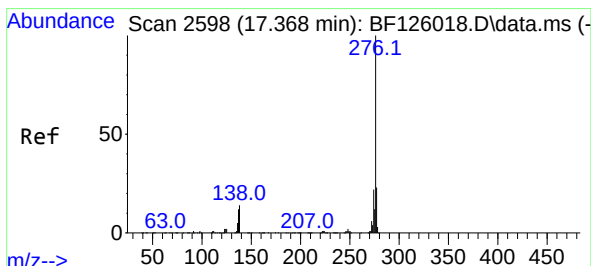
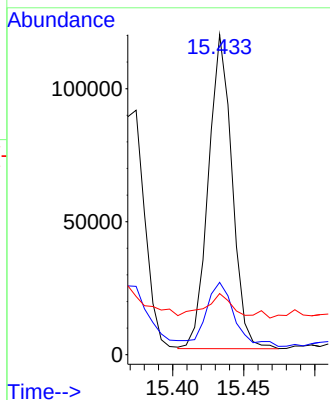
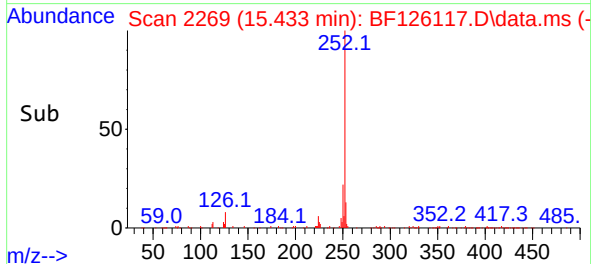
Instrument :
BNA_F
ClientSampleId :
DW-2



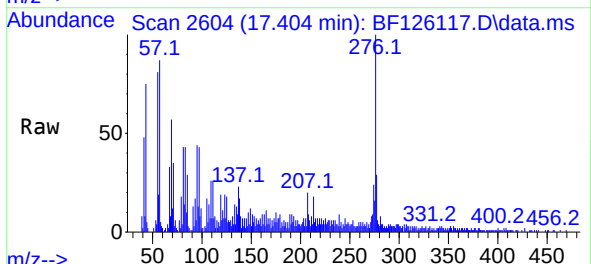
Tgt Ion:252 Resp: 137130
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 19.1 9.9 14.9

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



#92
Benzo(g,h,i)perylene
Concen: 5.774 ng
RT: 17.404 min Scan# 2604
Delta R.T. 0.036 min
Lab File: BF126117.D
Acq: 10 Nov 2021 20:26



Tgt Ion:276 Resp: 75372
Ion Ratio Lower Upper
276 100
277 29.1 22.0 33.0
138 16.8 22.2 33.4

