

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126142.D
 Acq On : 12 Nov 2021 00:07
 Operator : JU/CG
 Sample : M4576-05DL 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-3DL

Quant Time: Nov 12 09:45:11 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	148692	20.000	ng	-0.02
21) Naphthalene-d8	8.127	136	535447	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	274016	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	433434	20.000	ng	-0.01
76) Chrysene-d12	14.009	240	414456	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	282009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	48916	5.649	ng	-0.02
7) Phenol-d6	6.463	99	60790	4.980	ng	-0.02
23) Nitrobenzene-d5	7.398	82	41630	3.667	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	14643	4.663	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	77962	3.845	ng	-0.02
79) Terphenyl-d14	12.951	244	75534	2.939	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	433724	18.452	ng	98
75) Fluoranthene	12.580	202	852328	32.563	ng	96
78) Pyrene	12.810	202	666519	20.053	ng	98
81) Benzo(a)anthracene	13.998	228	301796	10.600	ng	99
83) Chrysene	14.033	228	394170	14.878	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	47005	2.801	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.921	276	112608	6.746	ng	# 82
88) Benzo(b)fluoranthene	15.045	252	359731m	19.611	ng	
89) Benzo(k)fluoranthene	15.074	252	123656m	6.949	ng	
90) Benzo(a)pyrene	15.409	252	187977m	13.007	ng	
92) Benzo(g,h,i)perylene	17.362	276	94482	7.186	ng	# 82

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

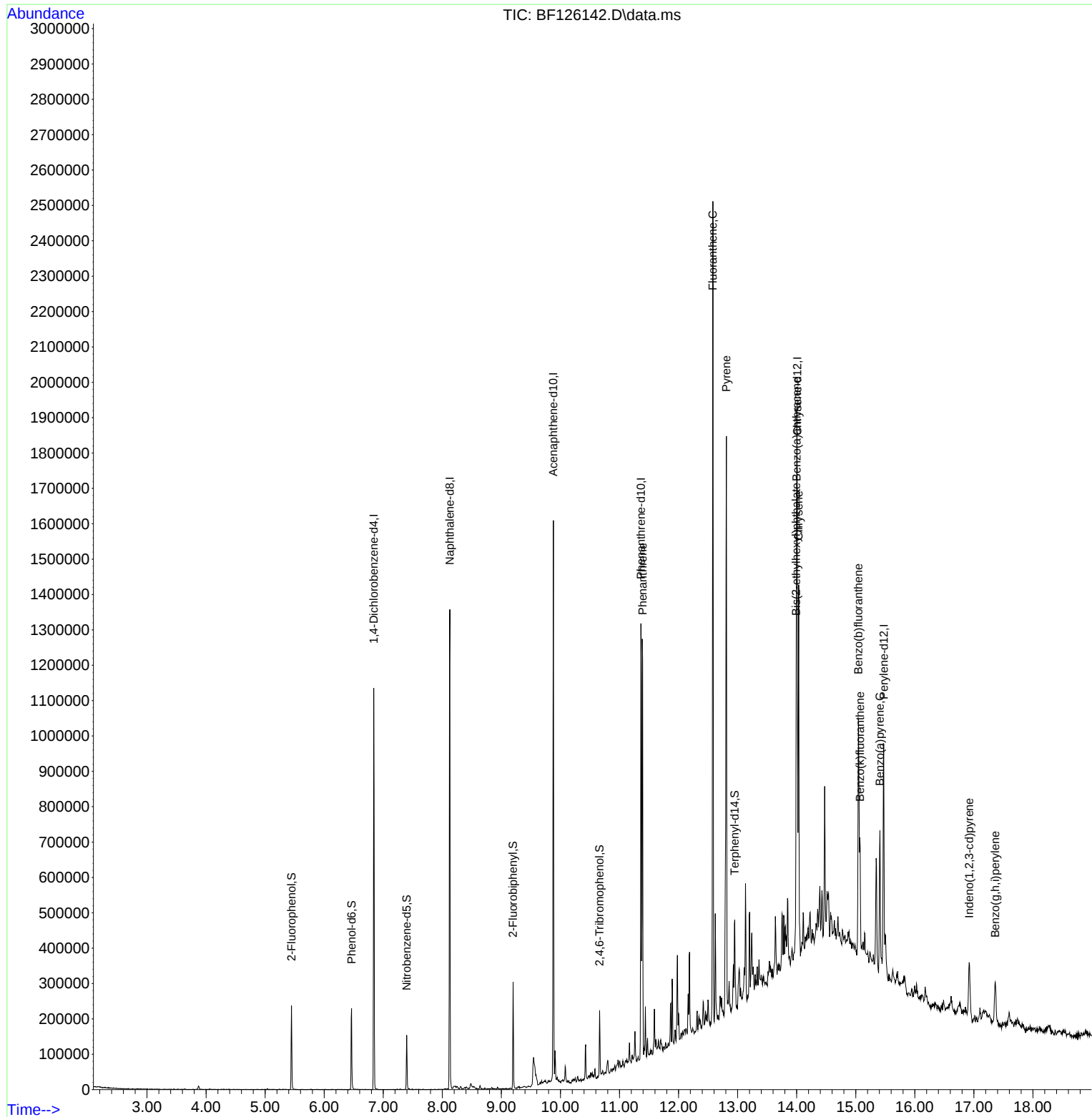
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126142.D
Acq On : 12 Nov 2021 00:07
Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

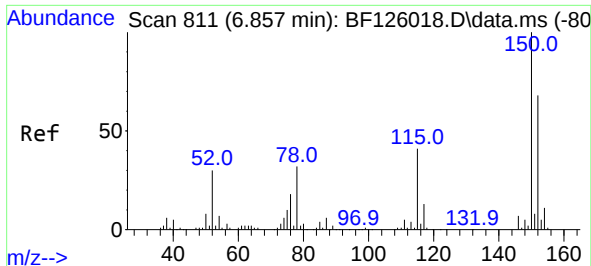
Instrument :
BNA_F
ClientSampleId :
DW-3DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
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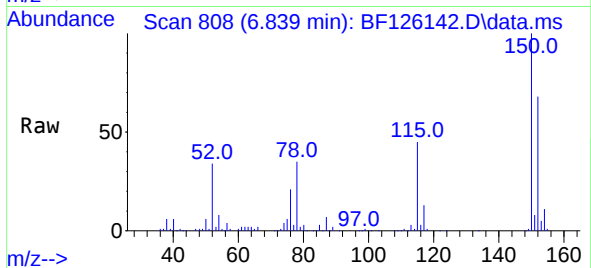
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Instrument :

BNA_F

ClientSampleId :

DW-3DL

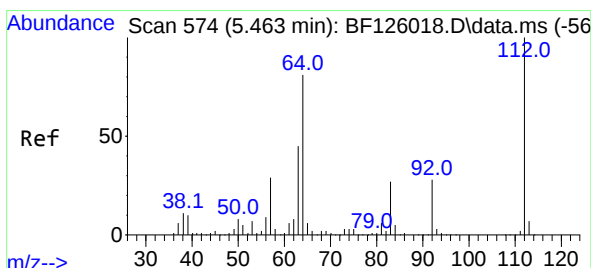
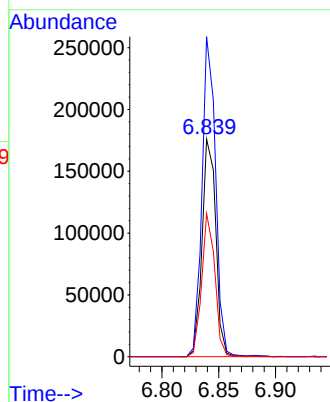
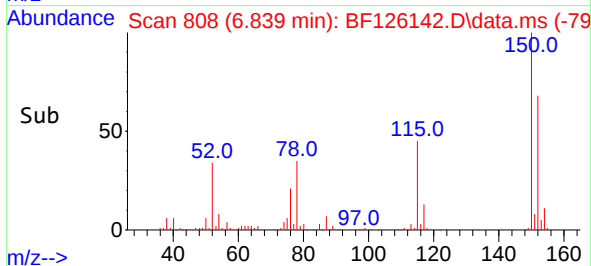


Tgt Ion:152 Resp: 148692
Ion Ratio Lower Upper
152 100
150 147.0 117.6 176.4
115 65.8 47.1 70.7

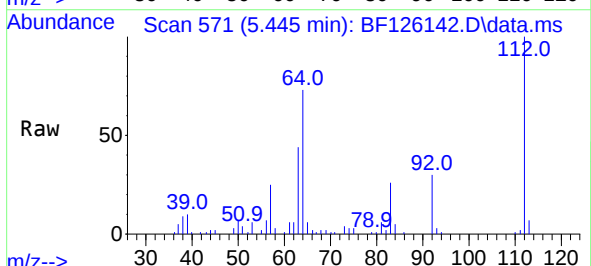
Manual Integrations

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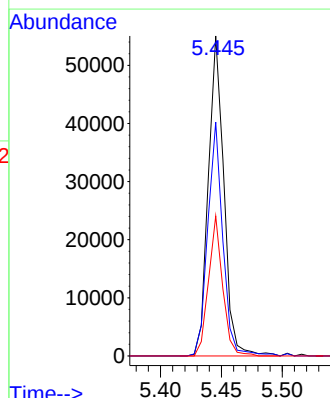
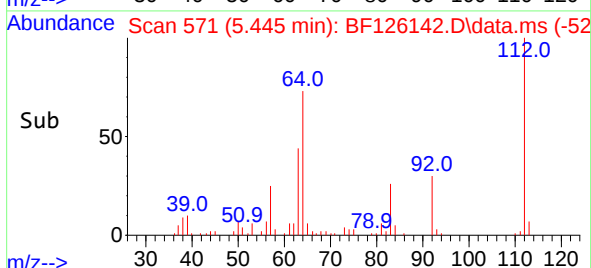
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

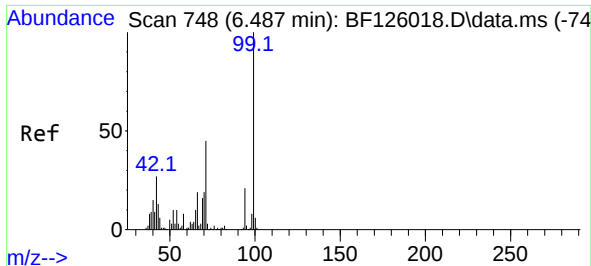


#5
2-Fluorophenol
Concen: 5.649 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.018 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07



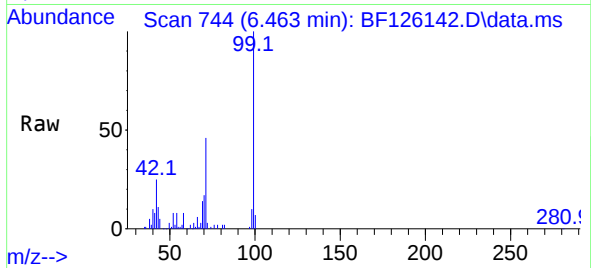
Tgt Ion:112 Resp: 48916
Ion Ratio Lower Upper
112 100
64 73.1 44.2 66.2#
63 43.8 26.2 39.2#





#7
Phenol-d6
Concen: 4.980 ng
RT: 6.463 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

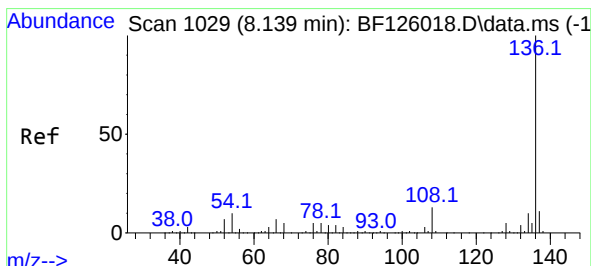
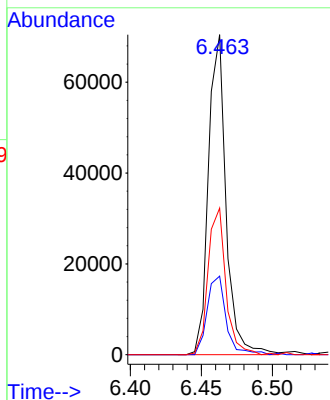
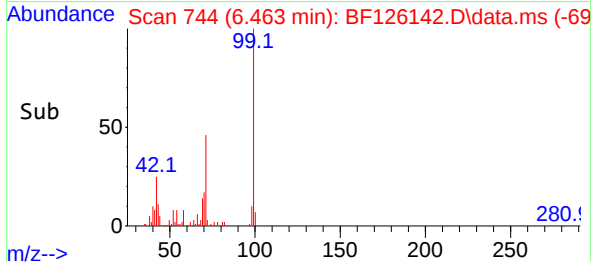
Instrument :
BNA_F
Client SampleId :
DW-3DL



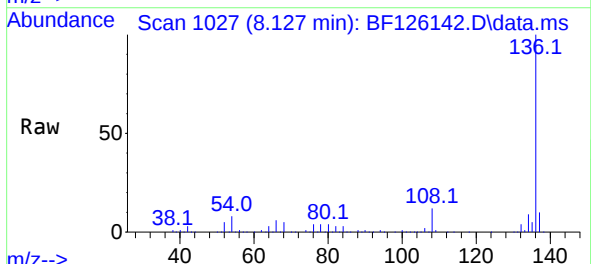
Tgt Ion: 99 Resp: 60790
Ion Ratio Lower Upper
99 100
42 24.6 23.5 35.3
71 45.8 25.6 38.4

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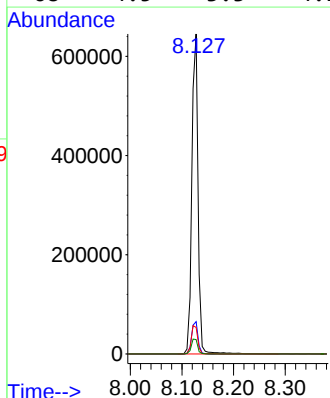
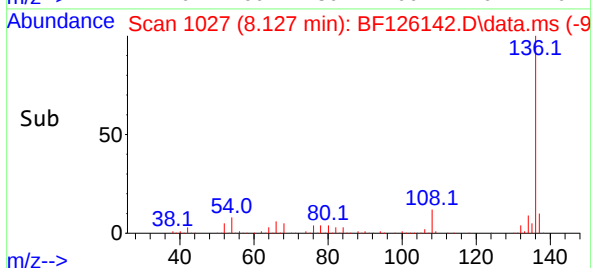
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

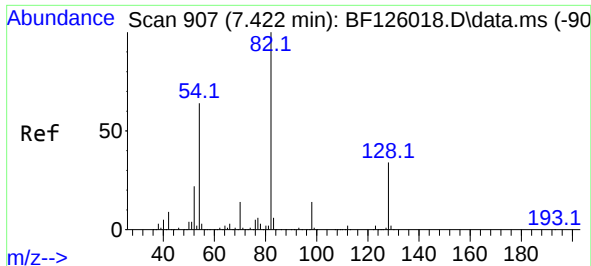


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07



Tgt Ion:136 Resp: 535447
Ion Ratio Lower Upper
136 100
137 10.1 9.8 14.6
54 8.3 6.4 9.6
68 4.5 3.3 4.9





#23

Nitrobenzene-d5

Concen: 3.667 ng

RT: 7.398 min Scan# 907

Delta R.T. -0.024 min

Lab File: BF126142.D

Acq: 12 Nov 2021 00:07

Instrument :

BNA_F

ClientSampleId :

DW-3DL

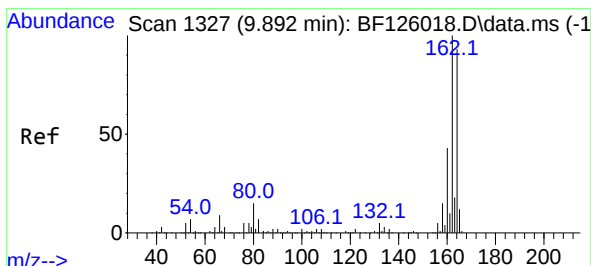
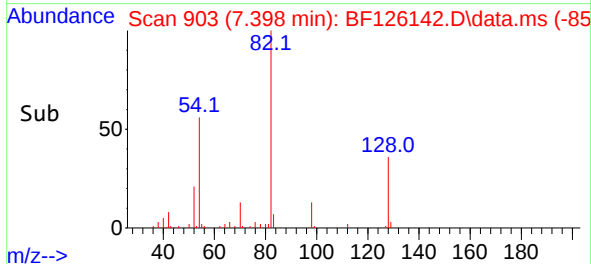
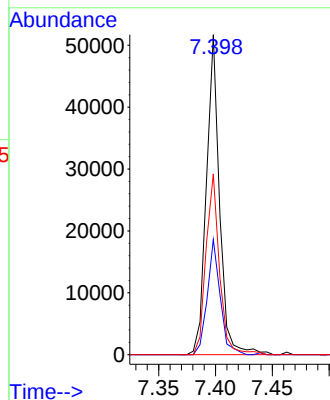
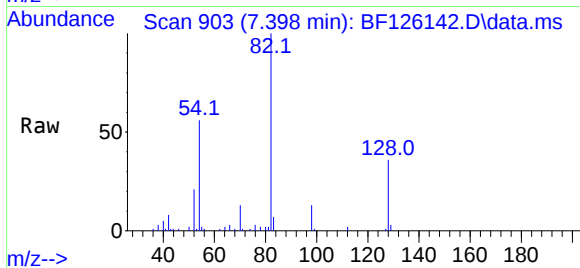
Tgt Ion: 82 Resp: 41630

Ion	Ratio	Lower	Upper
82	100		
128	36.0	40.6	60.8
54	56.5	49.6	74.4

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

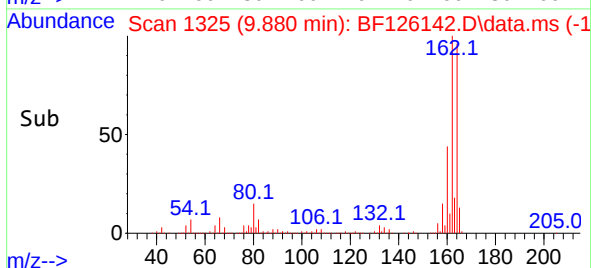
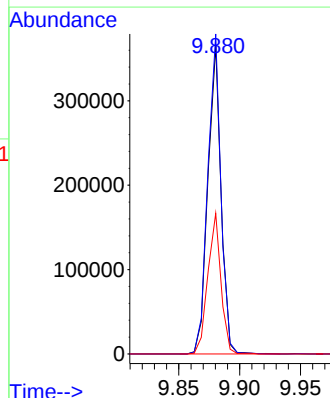
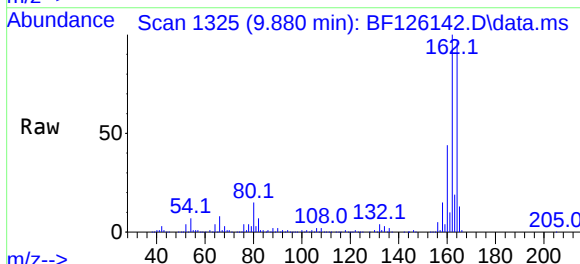
Delta R.T. -0.012 min

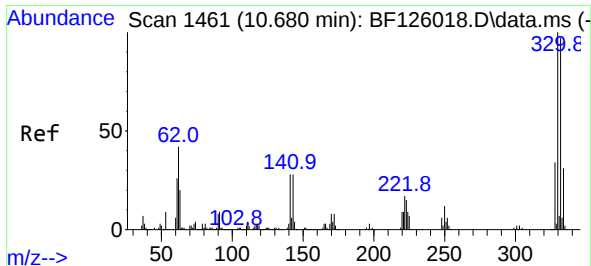
Lab File: BF126142.D

Acq: 12 Nov 2021 00:07

Tgt Ion:164 Resp: 274016

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	45.6	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 4.663 ng
RT: 10.663 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Instrument :

BNA_F

ClientSampleId :

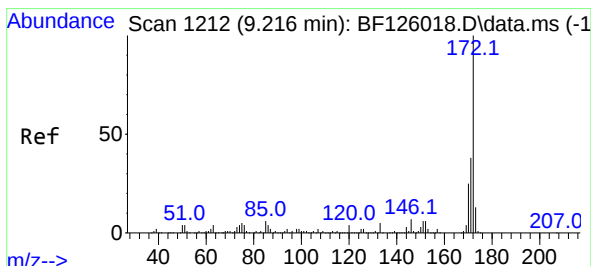
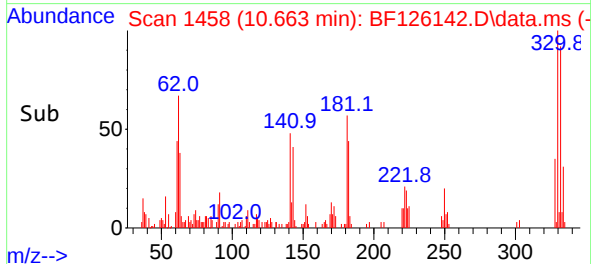
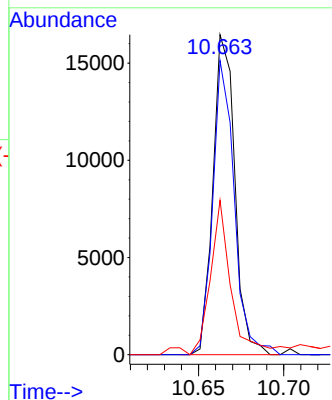
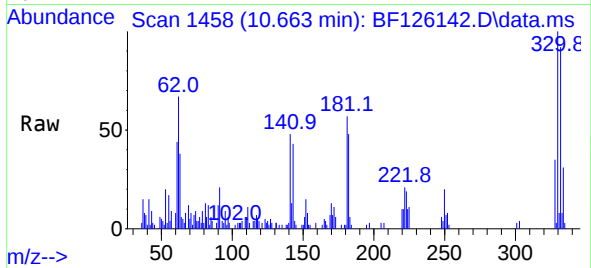
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Tgt Ion:330 Resp: 1464
Ion Ratio Lower Upper
330 100
332 90.9 76.2 114.4
141 46.4 44.6 66.8

Manual Integrations

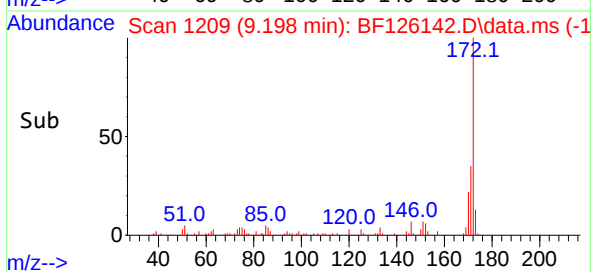
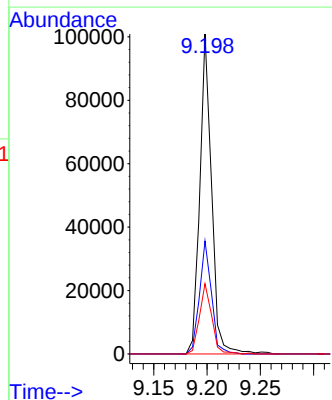
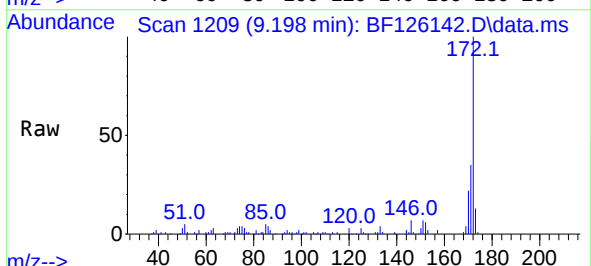
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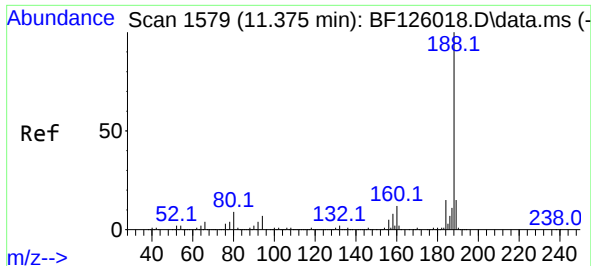
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#45
2-Fluorobiphenyl
Concen: 3.845 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

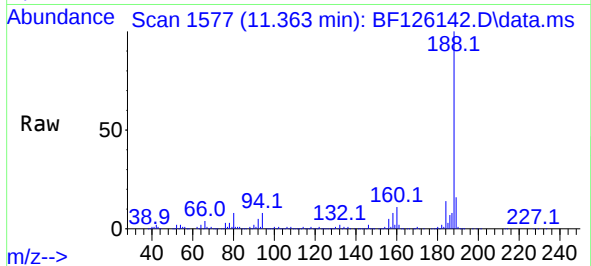
Tgt Ion:172 Resp: 77962
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 22.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

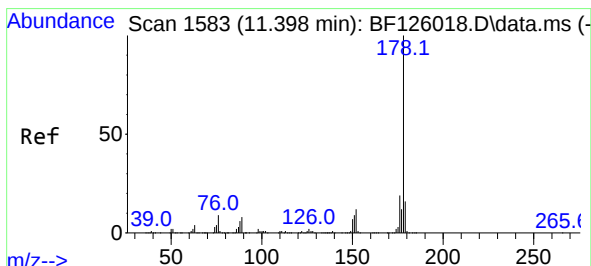
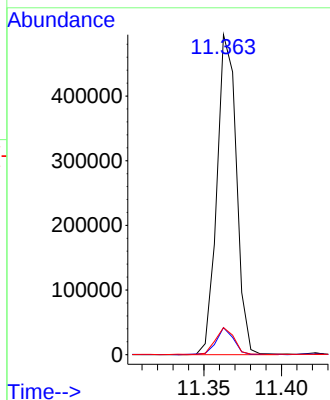
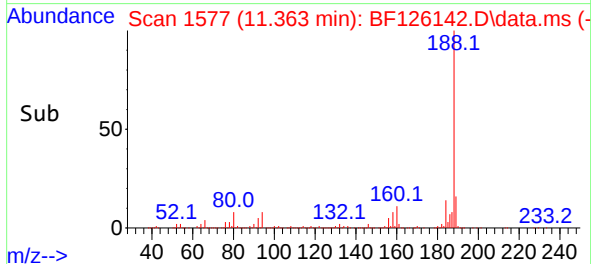
Instrument :
BNA_F
ClientSampleId :
DW-3DL



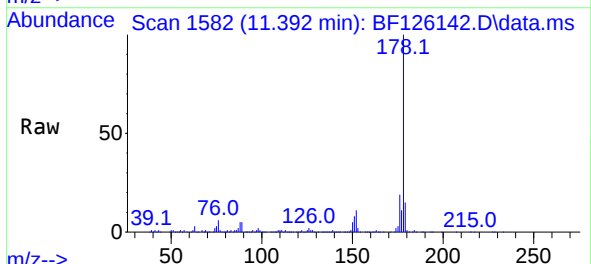
Tgt Ion:188 Resp: 433434
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.4 7.5 11.3

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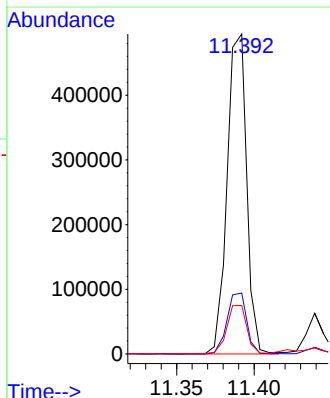
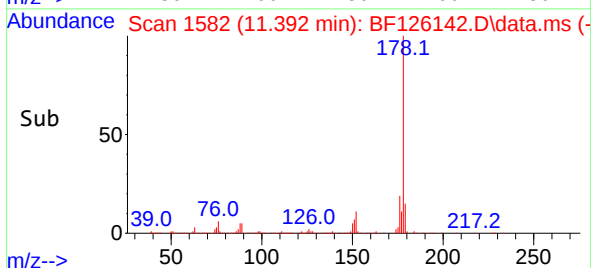
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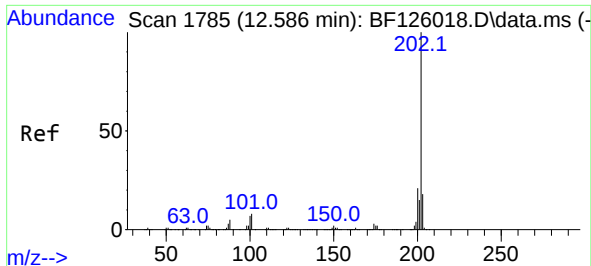


#71
Phenanthrene
Concen: 18.452 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07



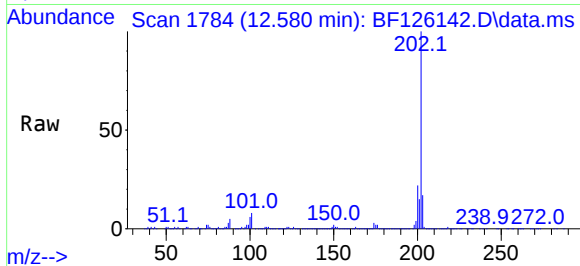
Tgt Ion:178 Resp: 433724
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.2 11.5 17.3





#75
Fluoranthene
Concen: 32.563 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

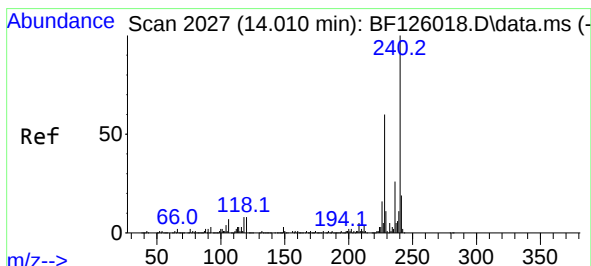
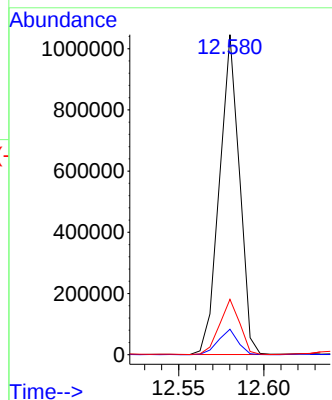
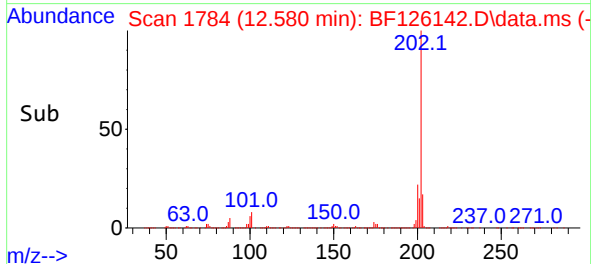
Instrument :
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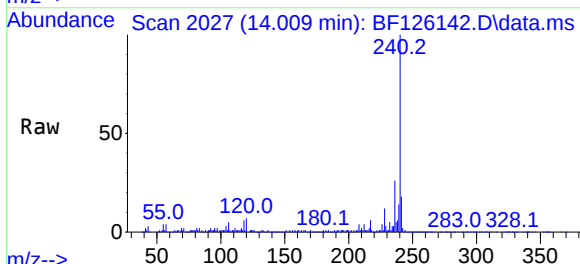
Tgt Ion:202 Resp: 852328
Ion Ratio Lower Upper
202 100
101 8.0 0.0 30.7
203 17.3 0.0 36.3

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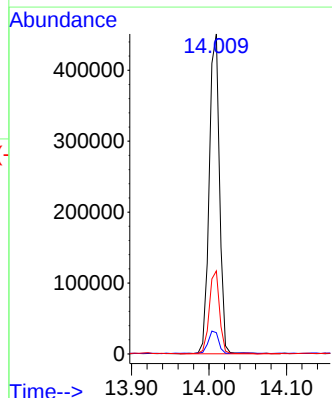
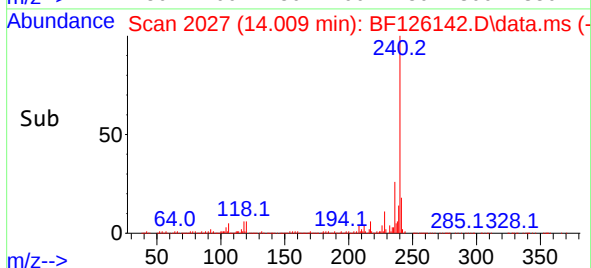
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

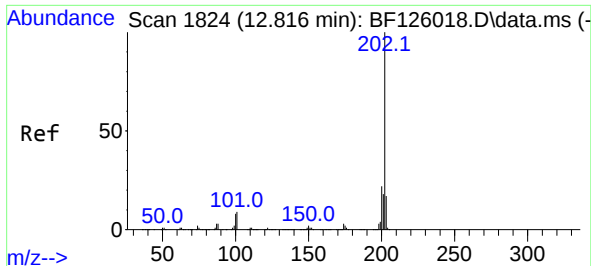


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07



Tgt Ion:240 Resp: 414456
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2#
236 26.0 21.6 32.4





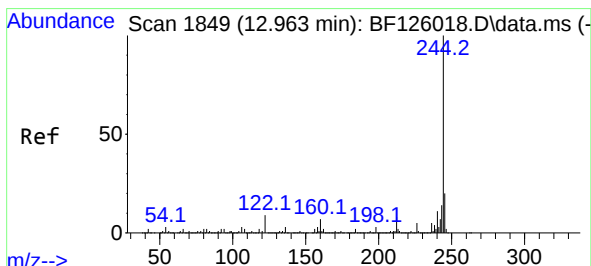
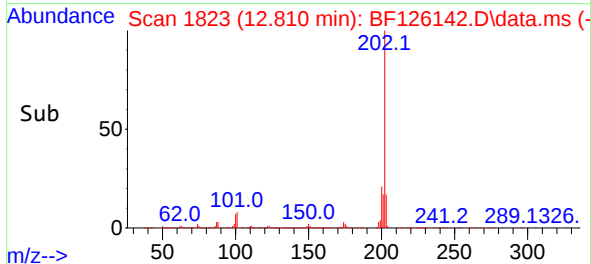
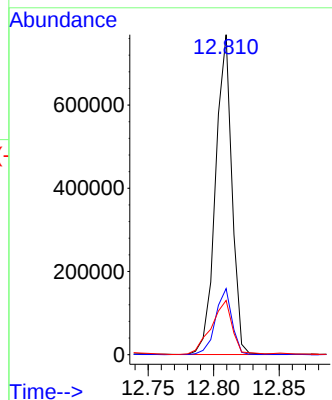
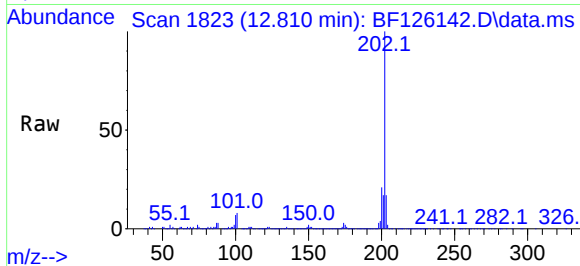
#78
Pyrene
Concen: 20.053 ng
RT: 12.810 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Instrument :
BNA_F
ClientSampleId :
DW-3DL

Tgt Ion:202 Resp: 666519
Ion Ratio Lower Upper
202 100
200 20.6 15.3 22.9
203 16.9 13.4 20.0

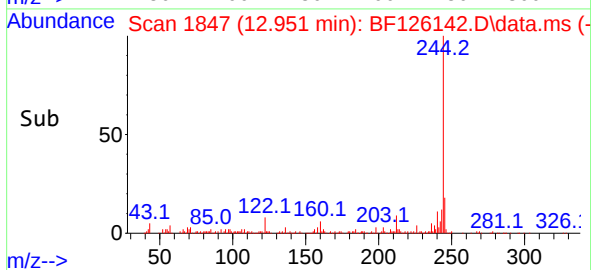
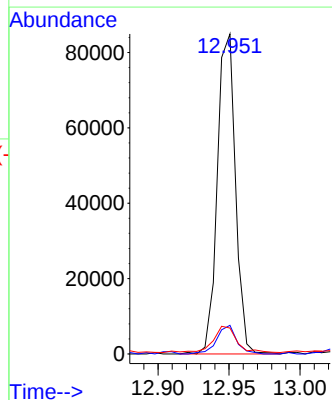
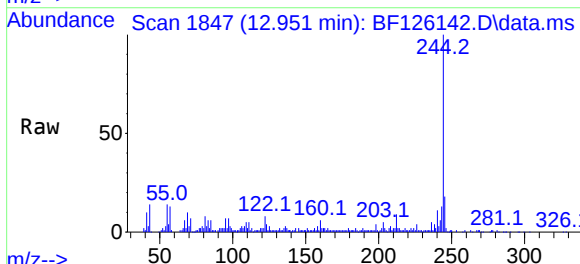
Manual Integrations
APPROVED

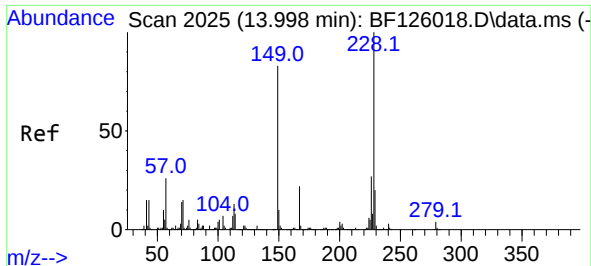
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#79
Terphenyl-d14
Concen: 2.939 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Tgt Ion:244 Resp: 75534
Ion Ratio Lower Upper
244 100
212 9.0 5.9 8.9#
122 8.1 9.0 13.4#





#81
Benzo(a)anthracene
Concen: 10.600 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Instrument :

BNA_F

ClientSampleId :

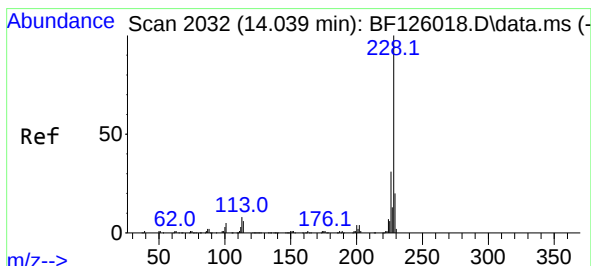
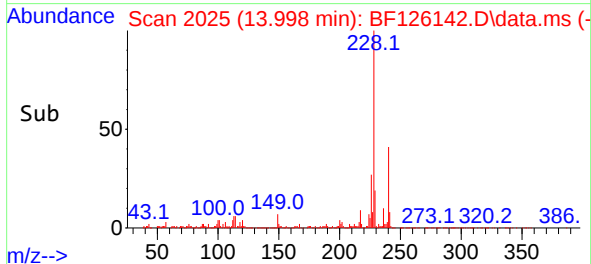
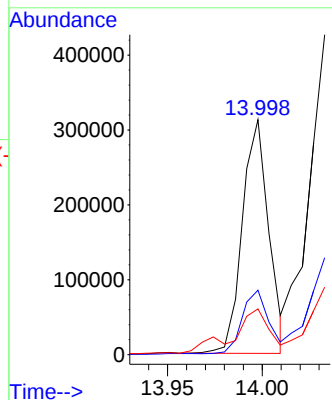
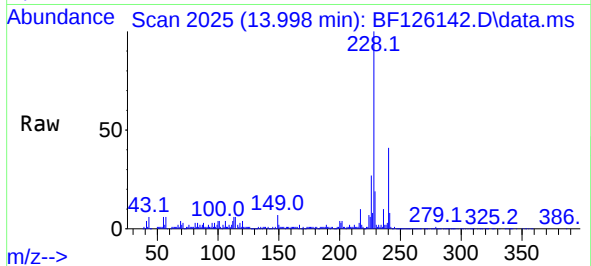
DW-3DL

Tgt Ion:228 Resp: 301790
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.4 15.6 23.4

Manual Integrations

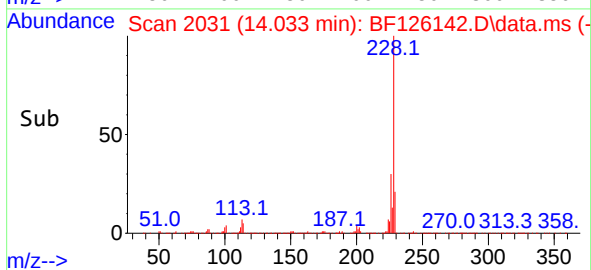
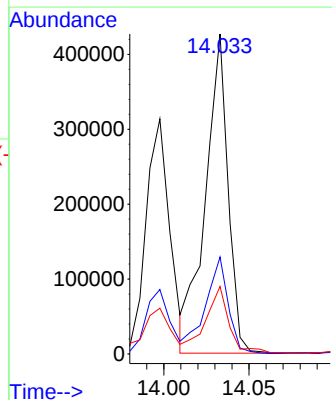
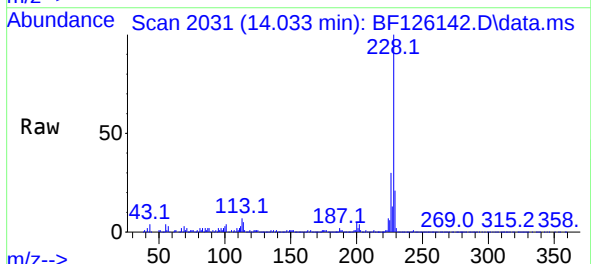
APPROVED

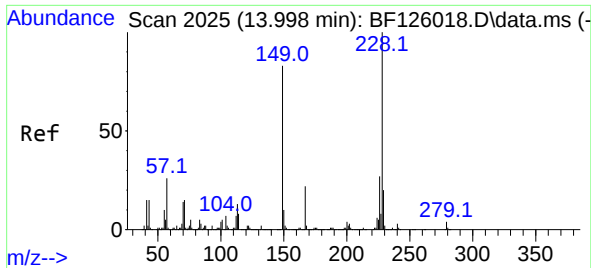
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#83
Chrysene
Concen: 14.878 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Tgt Ion:228 Resp: 394170
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 21.1 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.801 ng
RT: 13.992 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Instrument :

BNA_F

ClientSampleId :

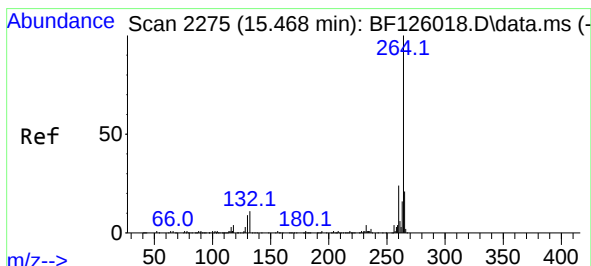
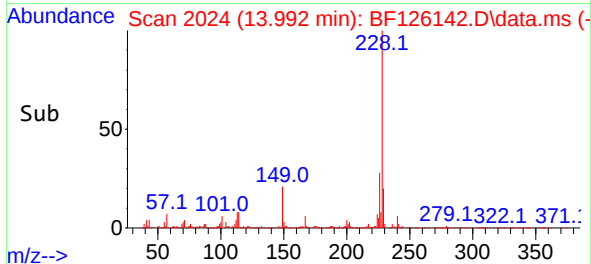
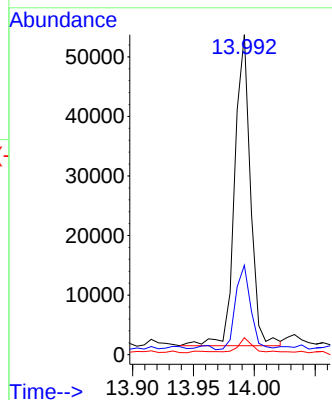
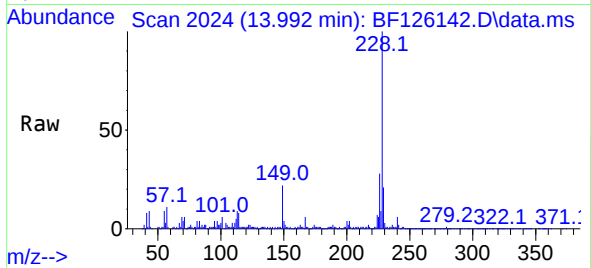
DW-3DL

Tgt Ion:149 Resp: 47000
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.0
279 5.3 2.6 4.0

Manual Integrations

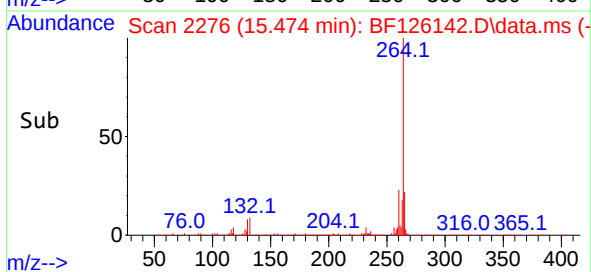
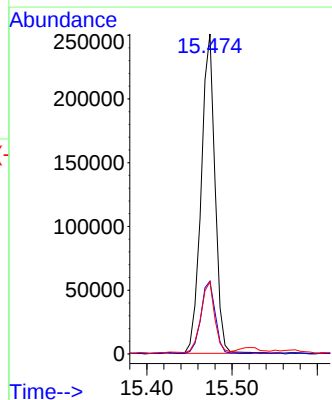
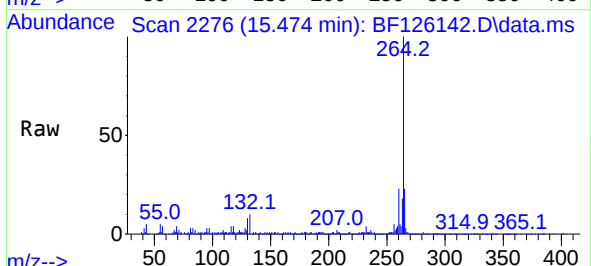
APPROVED

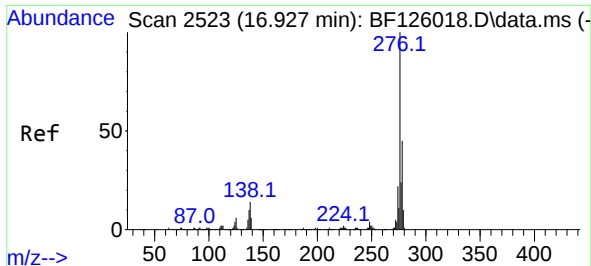
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Tgt Ion:264 Resp: 282009
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 22.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.746 ng
RT: 16.921 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Instrument :

BNA_F

ClientSampleId :

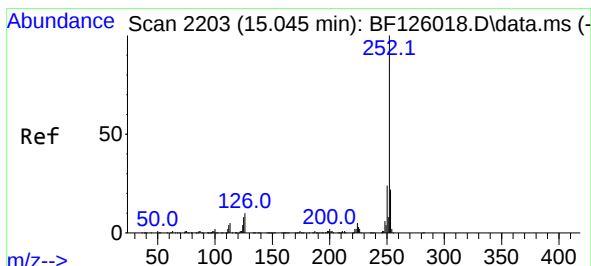
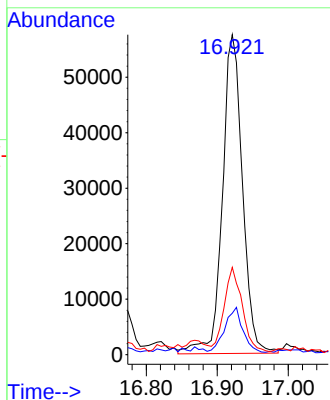
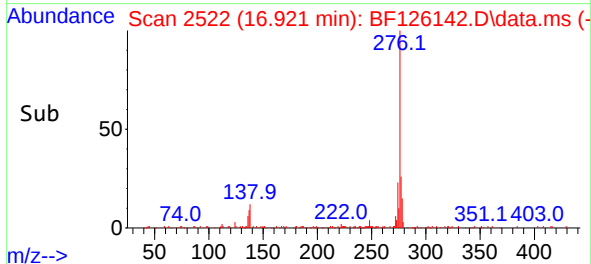
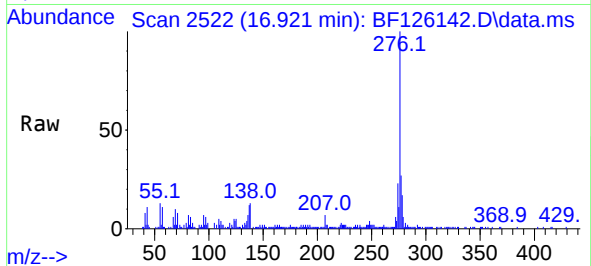
DW-3DL

Tgt Ion:276 Resp: 112608
Ion Ratio Lower Upper
276 100
138 12.5 24.1 36.1
277 23.6 18.8 28.2

Manual Integrations

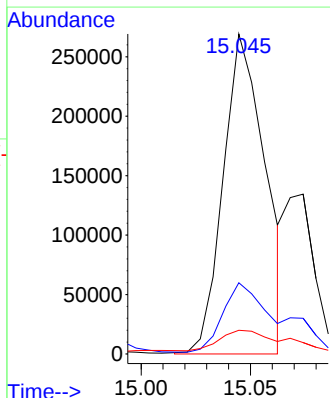
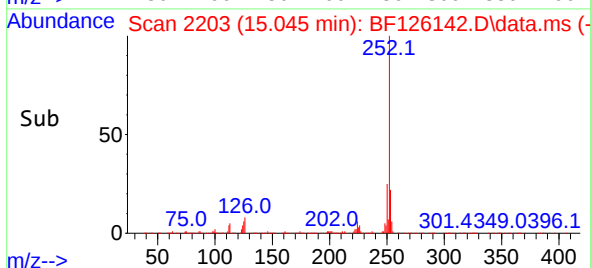
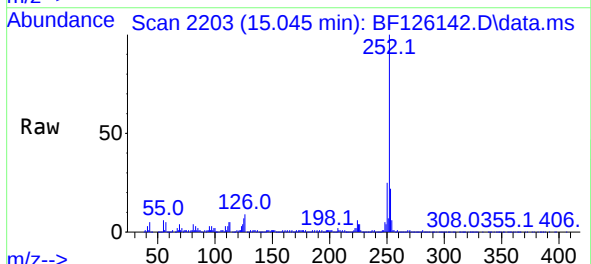
APPROVED

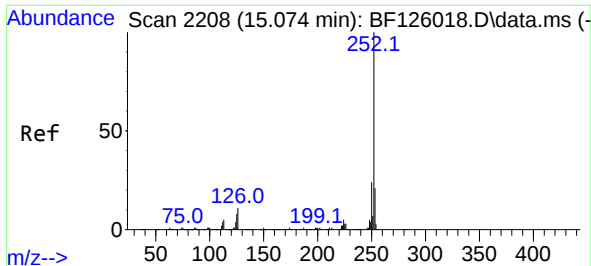
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#88
Benzo(b)fluoranthene
Concen: 19.611 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

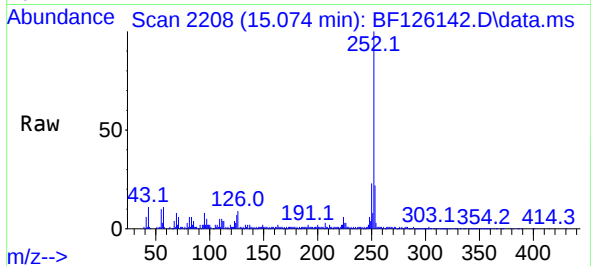
Tgt Ion:252 Resp: 359731
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 7.4 9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 6.949 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

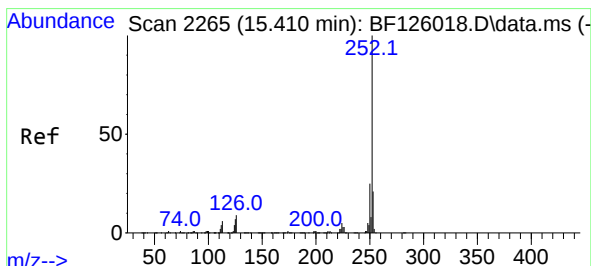
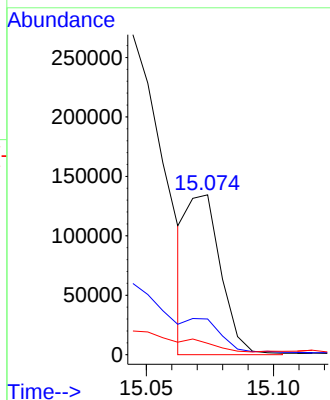
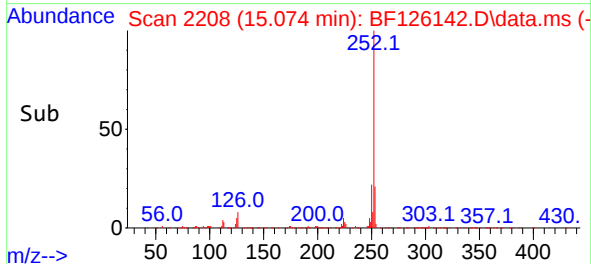
Instrument :
BNA_F
ClientSampleId :
DW-3DL



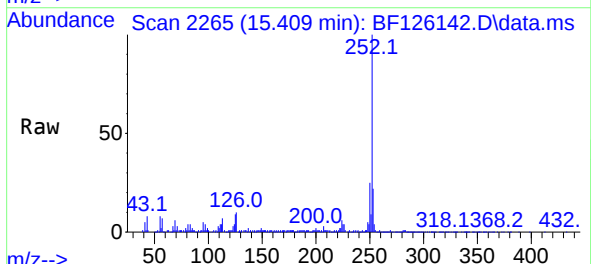
Tgt Ion:252 Resp: 123650
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.1 7.2 10.8

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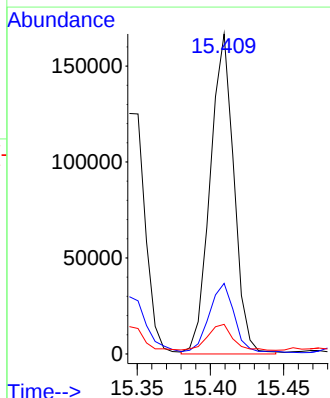
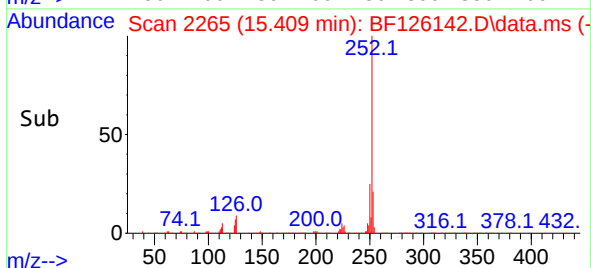
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

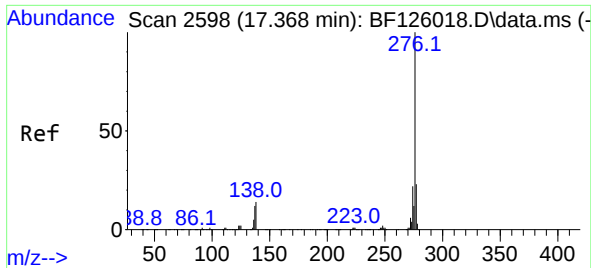


#90
Benzo(a)pyrene
Concen: 13.007 ng m
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07



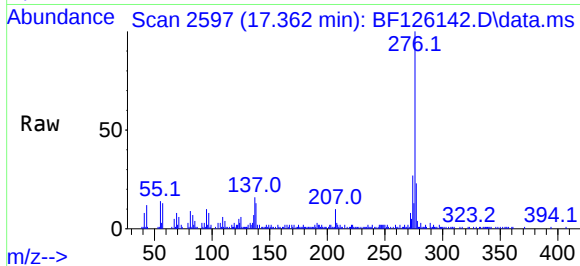
Tgt Ion:252 Resp: 187977
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 9.2 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 7.186 ng
RT: 17.362 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BF126142.D
Acq: 12 Nov 2021 00:07

Instrument :
BNA_F
ClientSampleId :
DW-3DL



Tgt Ion:276 Resp: 9448
Ion Ratio Lower Upper
276 100
277 23.4 22.0 33.0
138 13.0 22.2 33.4

Manual Integrations
APPROVED

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

