

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126042.D
 Acq On : 4 Nov 2021 13:17
 Operator : JU/CG
 Sample : M4448-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 08 07:18:51 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	6.851	152	136488	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	511409	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	299007	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	529905	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	299079	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	325086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	958056	120.542	ng	0.00
7) Phenol-d6	6.481	99	1258529	112.329	ng	0.00
23) Nitrobenzene-d5	7.410	82	935142	86.235	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	421209	122.922	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1749876	79.086	ng	0.00
79) Terphenyl-d14	12.957	244	1600643	86.302	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	144738	4.523	ng	96
78) Pyrene	12.804	202	120476	5.023	ng	96
81) Benzo(a)anthracene	13.992	228	54349	2.645	ng	98
83) Chrysene	14.027	228	58425	3.056	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	35708	2.949	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.909	276	42930	2.231	ng	# 85
88) Benzo(b)fluoranthene	15.039	252	80372m	3.801	ng	
90) Benzo(a)pyrene	15.404	252	53987m	3.241	ng	
92) Benzo(g,h,i)perylene	17.345	276	40578m	2.677	ng	

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

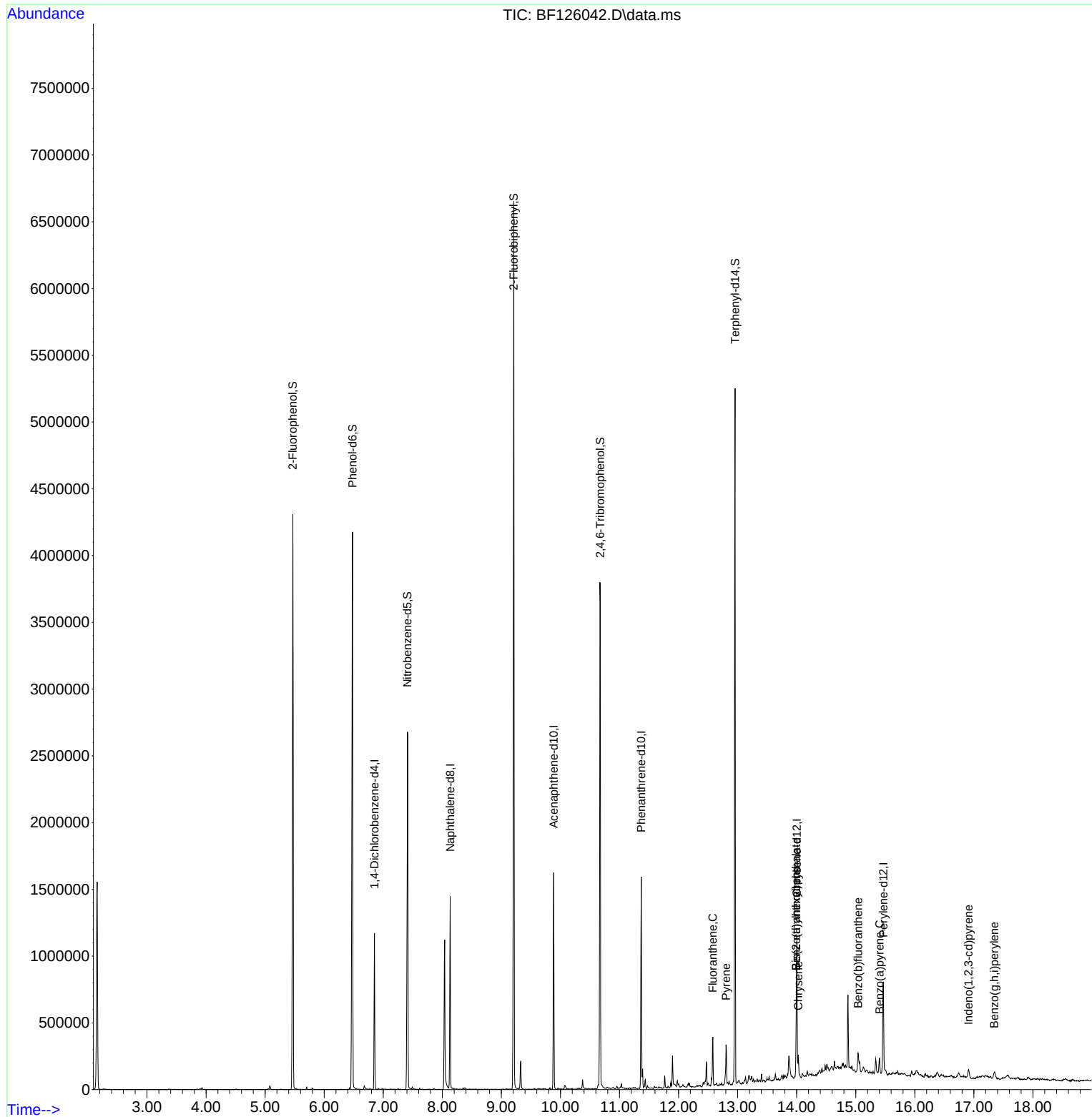
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126042.D
Acq On : 4 Nov 2021 13:17
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Sample : M4448-01
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ALS Vial : 8 Sample Multiplier: 1

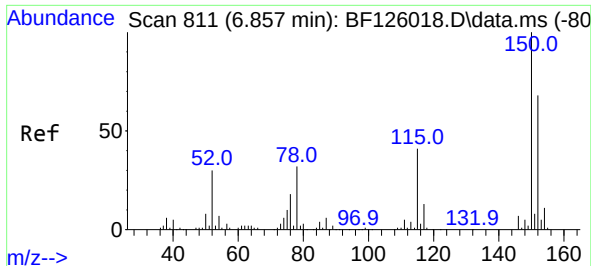
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
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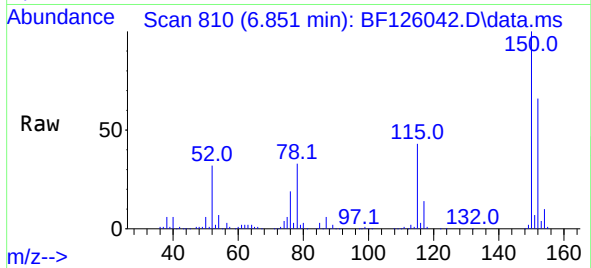
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

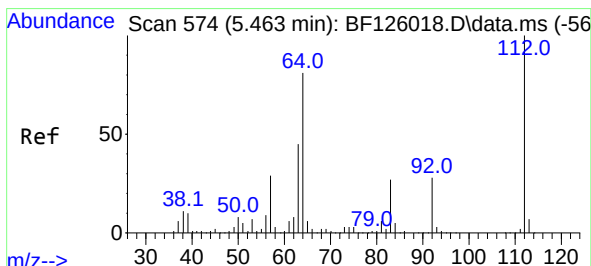
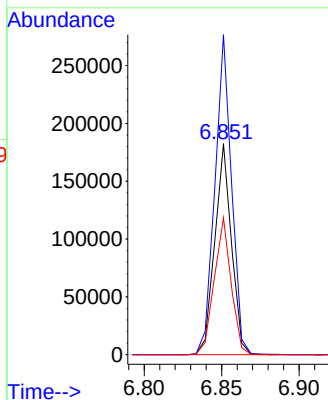
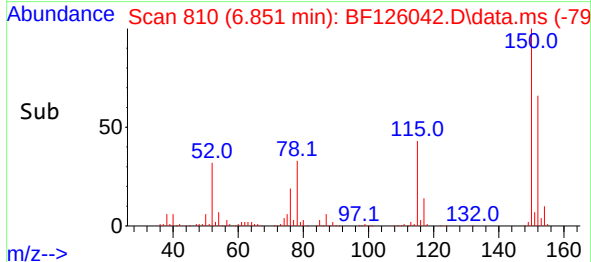
Instrument :
BNA_F
ClientSampleId :
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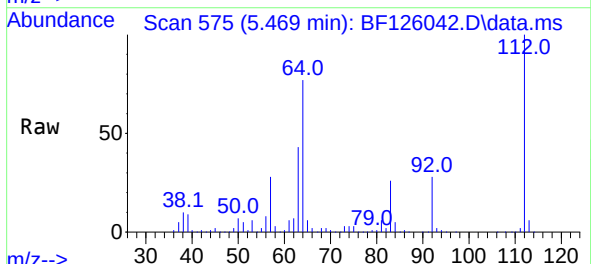
Tgt Ion:152 Resp: 136488
Ion Ratio Lower Upper
152 100
150 151.7 117.6 176.4
115 64.8 47.1 70.7

Manual Integrations
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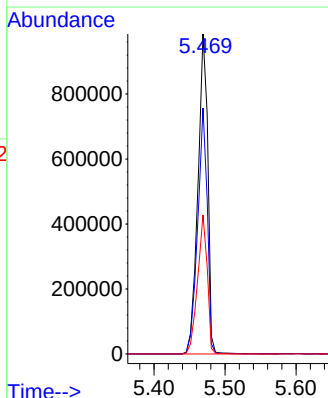
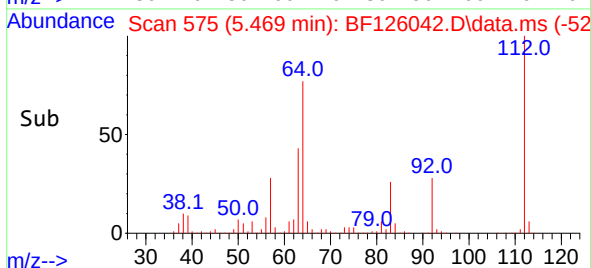
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

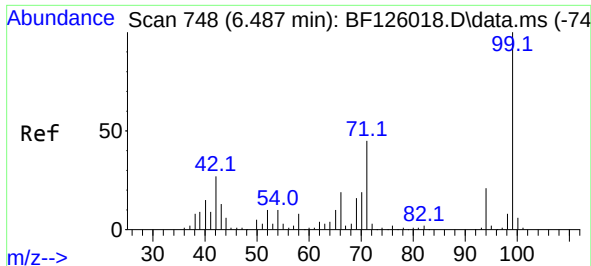


#5
2-Fluorophenol
Concen: 120.542 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17



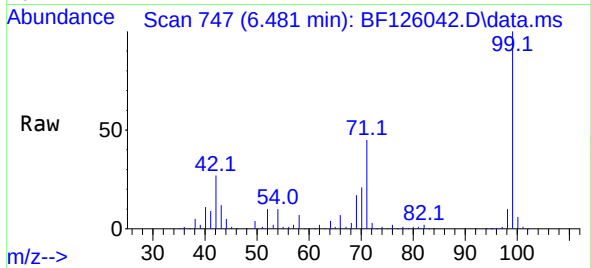
Tgt Ion:112 Resp: 958056
Ion Ratio Lower Upper
112 100
64 76.8 44.2 66.2#
63 43.4 26.2 39.2#





#7
Phenol-d6
Concen: 112.329 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

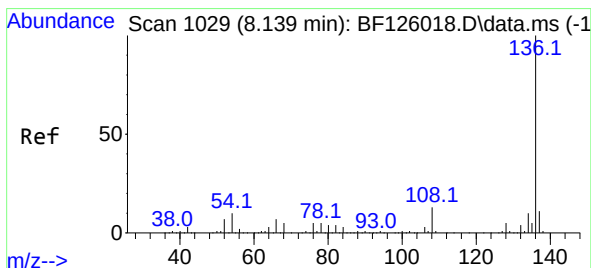
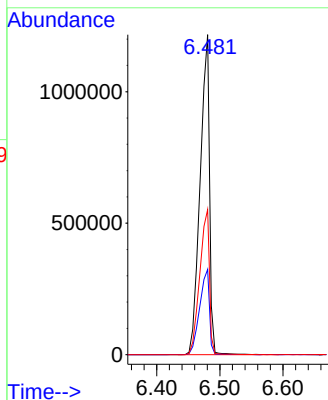
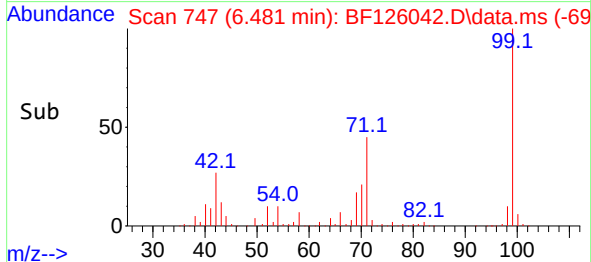
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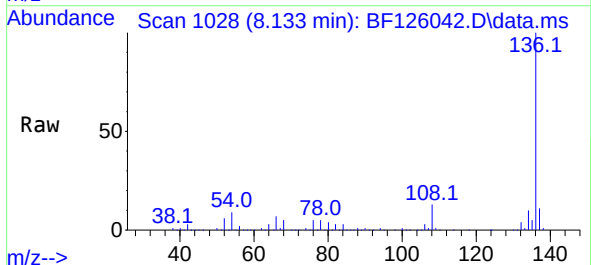
Tgt Ion: 99 Resp: 1258529
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 45.3 25.6 38.4

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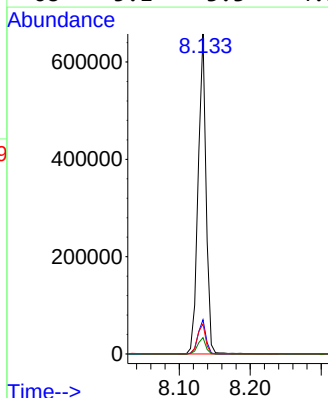
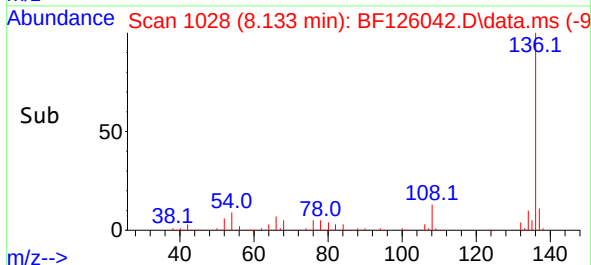
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

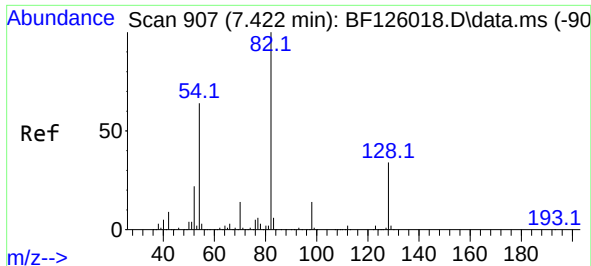


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17



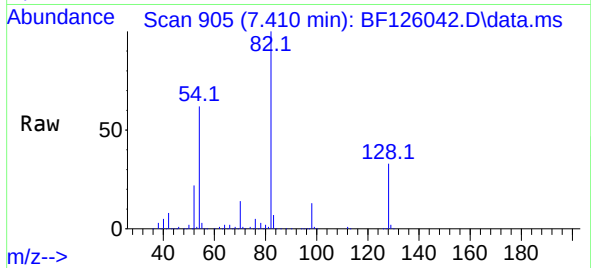
Tgt Ion:136 Resp: 511409
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.4 6.4 9.6
68 5.1 3.3 4.9





#23
Nitrobenzene-d5
Concen: 86.235 ng
RT: 7.410 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

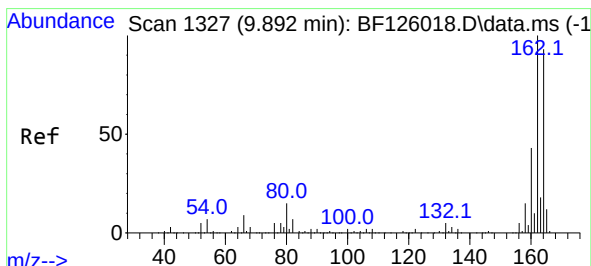
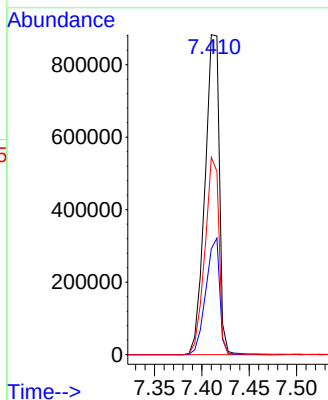
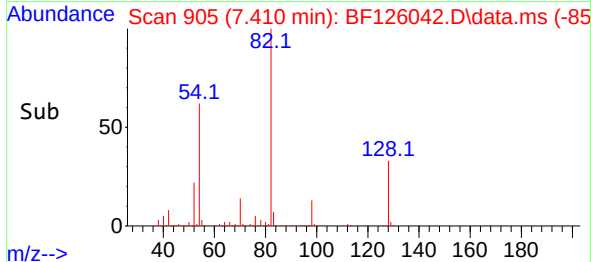
Instrument :
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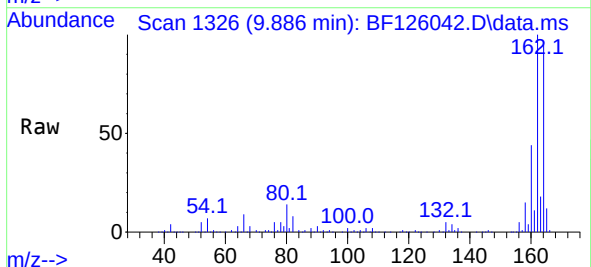
Tgt Ion: 82 Resp: 93514
Ion Ratio Lower Upper
82 100
128 33.1 40.6 60.8
54 61.7 49.6 74.4

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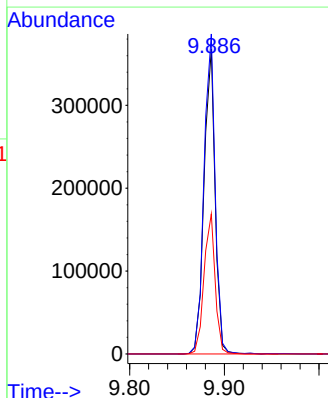
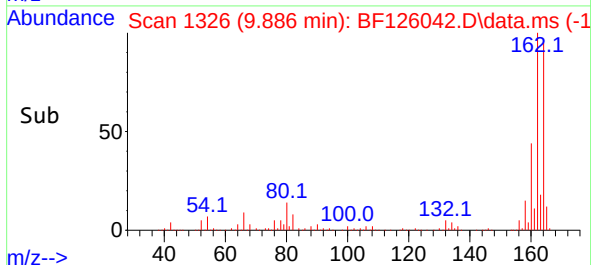
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

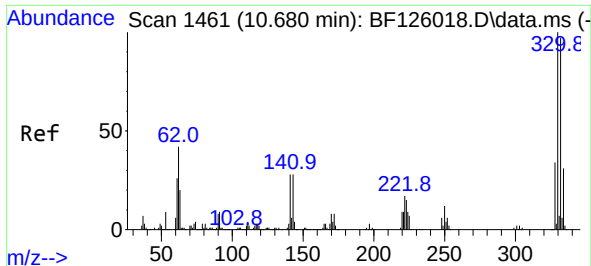


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17



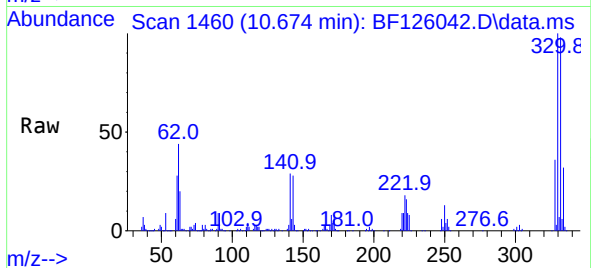
Tgt Ion:164 Resp: 299007
Ion Ratio Lower Upper
164 100
162 105.0 81.3 121.9
160 45.9 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 122.922 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

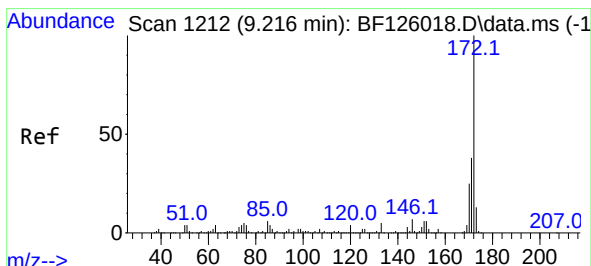
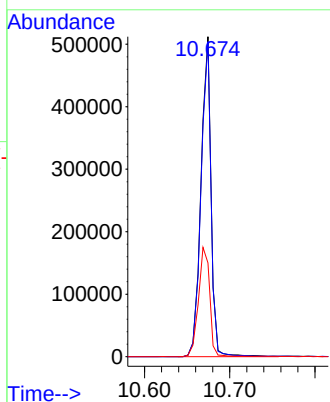
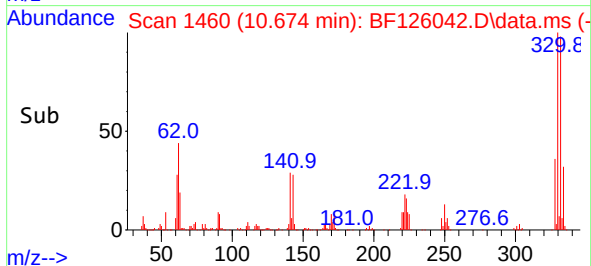
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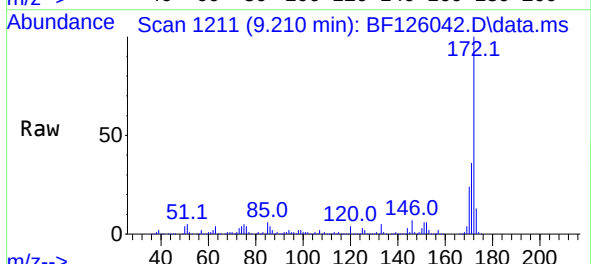
Tgt Ion:330 Resp: 421209
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 38.2 44.6 66.8

Manual Integrations
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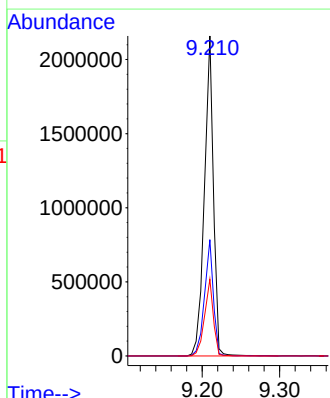
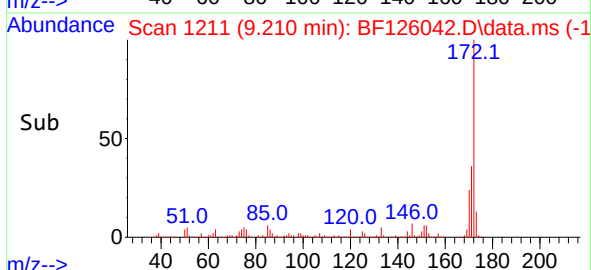
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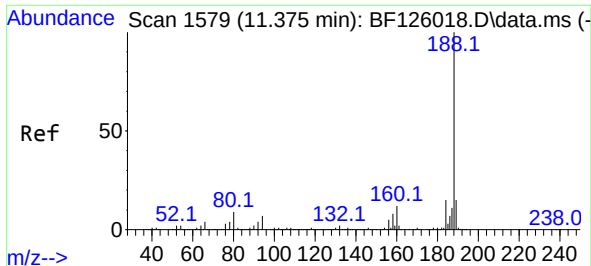


#45
2-Fluorobiphenyl
Concen: 79.086 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17



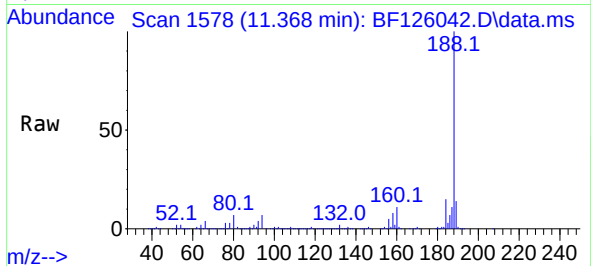
Tgt Ion:172 Resp: 1749876
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

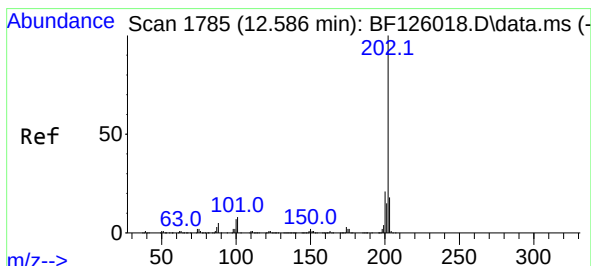
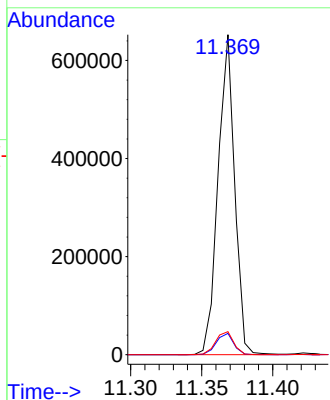
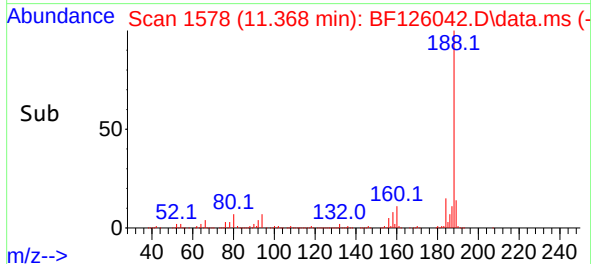
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Tgt Ion:188 Resp: 52990
Ion Ratio Lower Upper
188 100
94 6.6 6.7 10.1
80 7.2 7.5 11.3

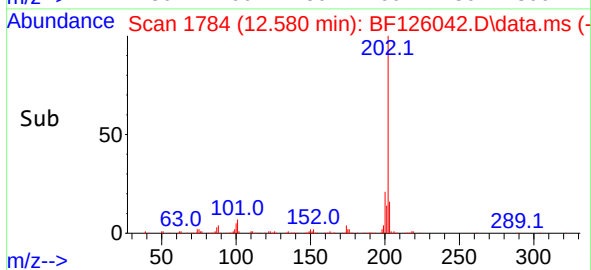
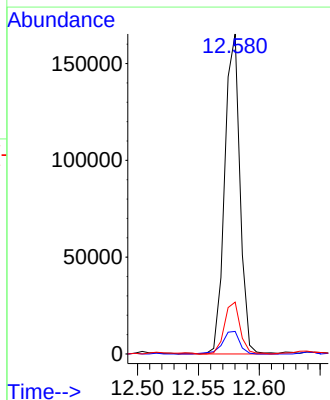
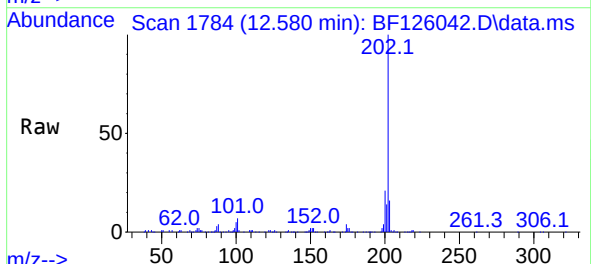
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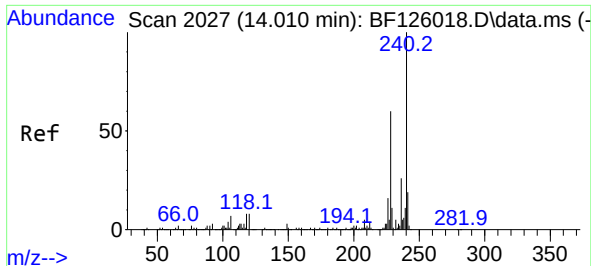
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#75
Fluoranthene
Concen: 4.523 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

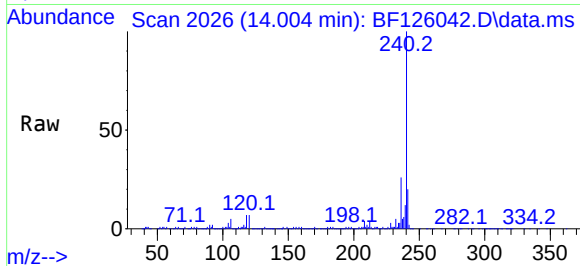
Tgt Ion:202 Resp: 144738
Ion Ratio Lower Upper
202 100
101 7.1 0.0 30.7
203 16.2 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

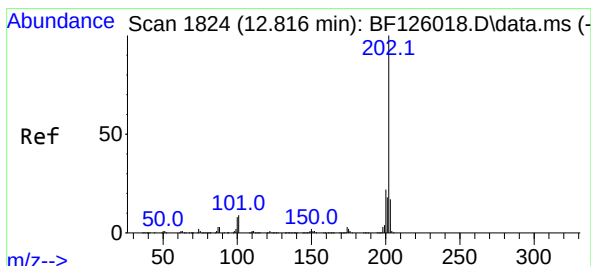
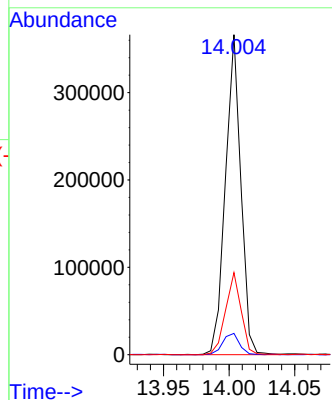
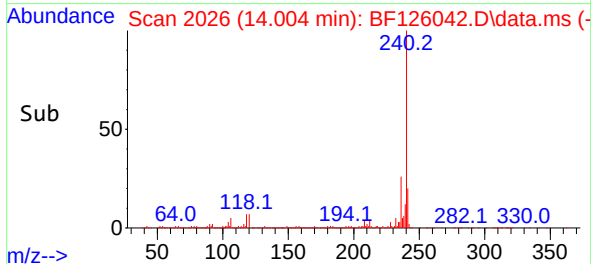
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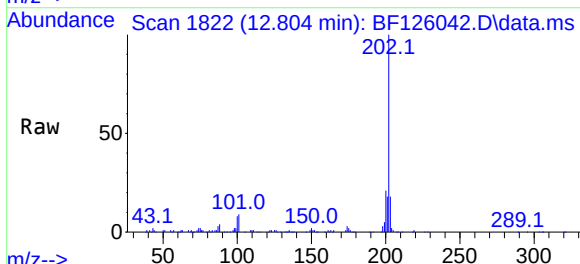
Tgt Ion:240 Resp: 299079
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2
236 25.7 21.6 32.4

Manual Integrations
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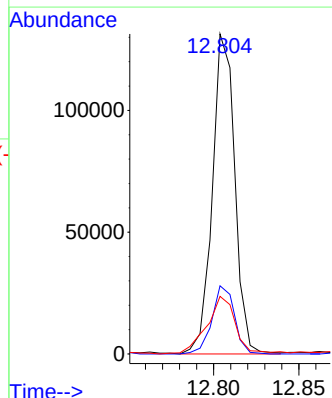
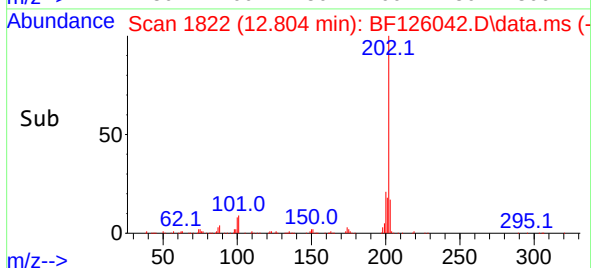
Reviewed By :Jagrut Upadhyay 11/08/2021
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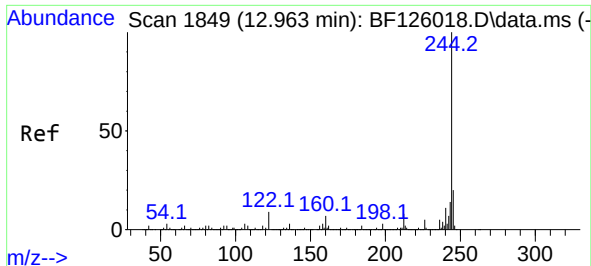


#78
Pyrene
Concen: 5.023 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17



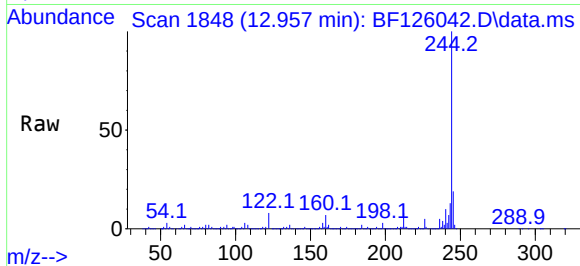
Tgt Ion:202 Resp: 120476
Ion Ratio Lower Upper
202 100
200 21.3 15.3 22.9
203 18.0 13.4 20.0





#79
 Terphenyl-d14
 Concen: 86.302 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126042.D
 Acq: 4 Nov 2021 13:17

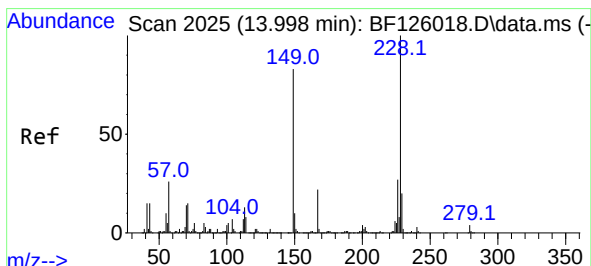
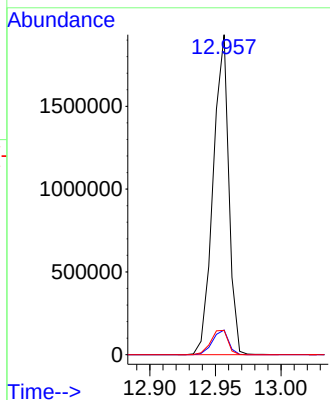
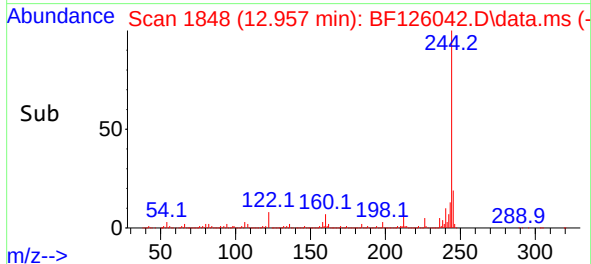
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224



Tgt Ion:244 Resp: 160064
 Ion Ratio Lower Upper
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 212 7.7 5.9 8.9
 122 7.6 9.0 13.4

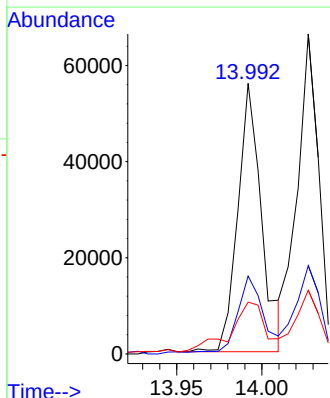
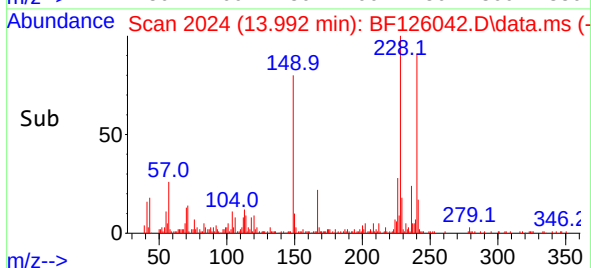
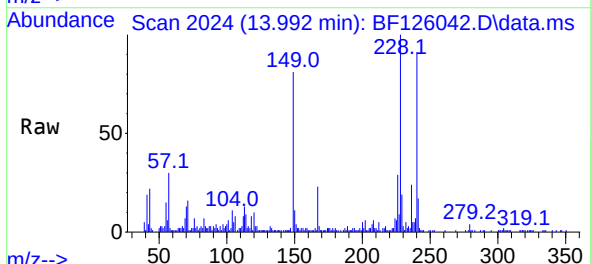
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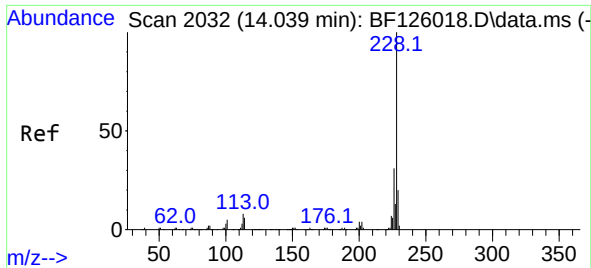
Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021



#81
 Benzo(a)anthracene
 Concen: 2.645 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: BF126042.D
 Acq: 4 Nov 2021 13:17

Tgt Ion:228 Resp: 54349
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.6 32.4
 229 19.1 15.6 23.4





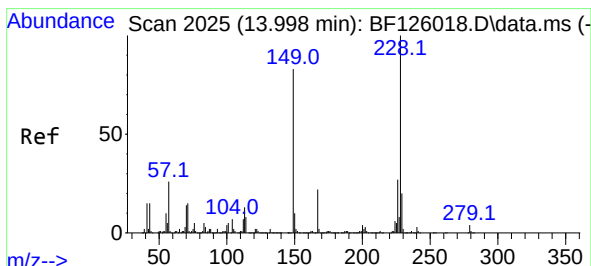
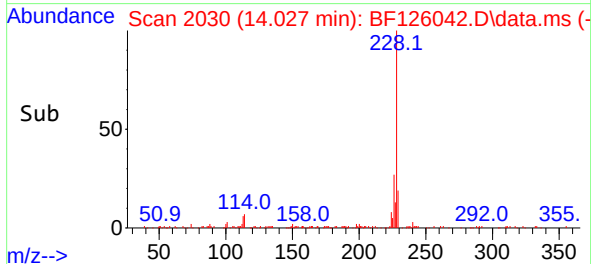
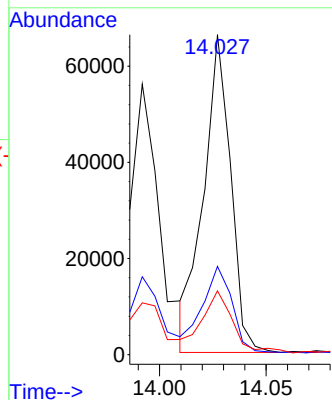
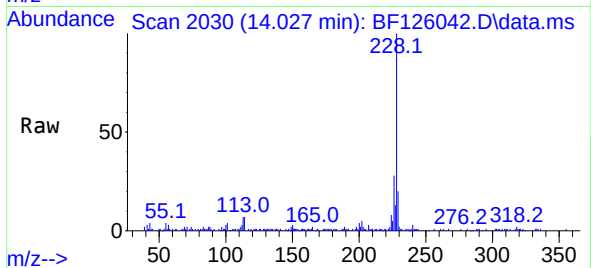
#83
Chrysene
Concen: 3.056 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

Instrument :
BNA_F
ClientSampleId :
VNJ-224

Tgt Ion:228 Resp: 58425
Ion Ratio Lower Upper
228 100
226 27.6 22.6 34.0
229 20.0 15.9 23.9

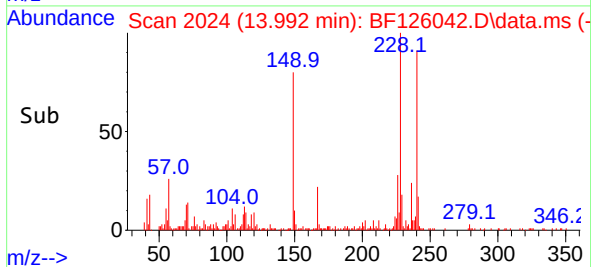
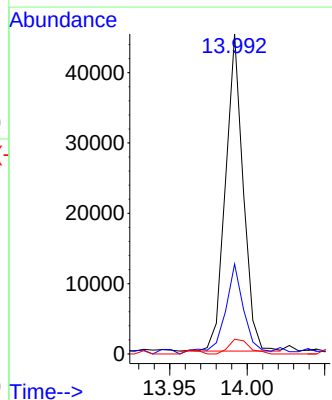
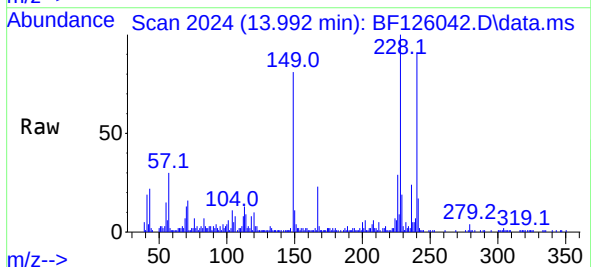
Manual Integrations
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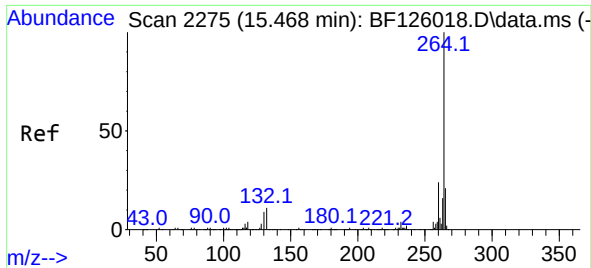
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.949 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

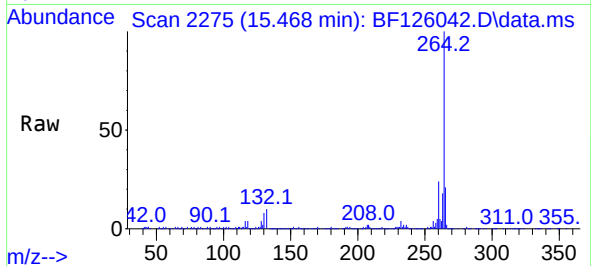
Tgt Ion:149 Resp: 35708
Ion Ratio Lower Upper
149 100
167 28.1 21.4 32.0
279 4.6 2.6 4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

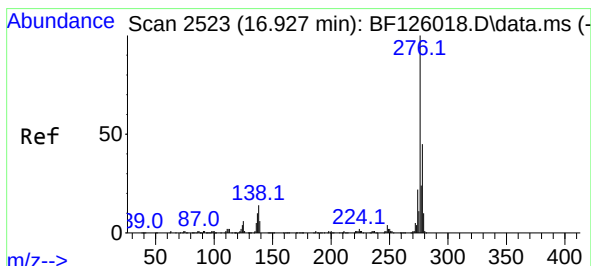
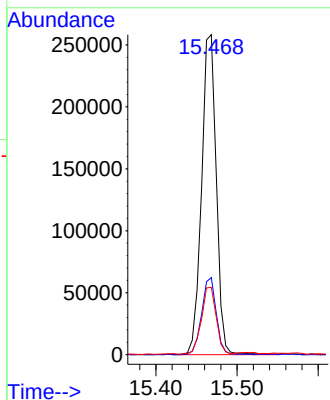
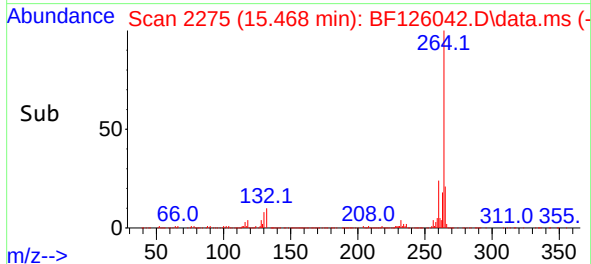
Instrument :
BNA_F
ClientSampleId :
VNJ-224



Tgt Ion:264 Resp: 325080
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.1 17.2 25.8

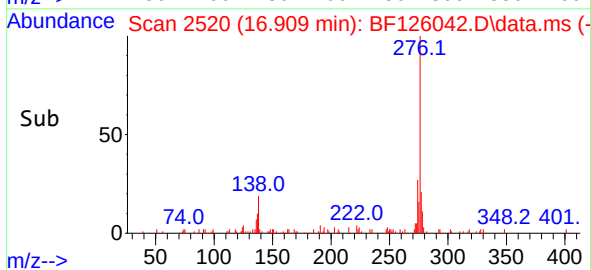
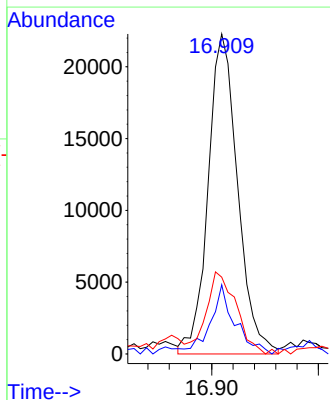
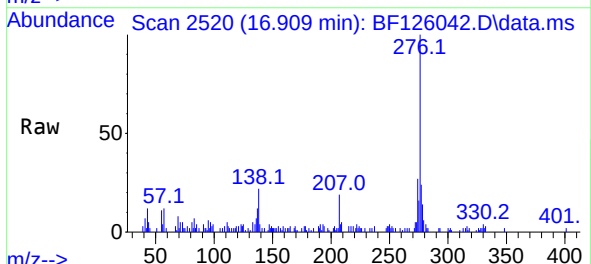
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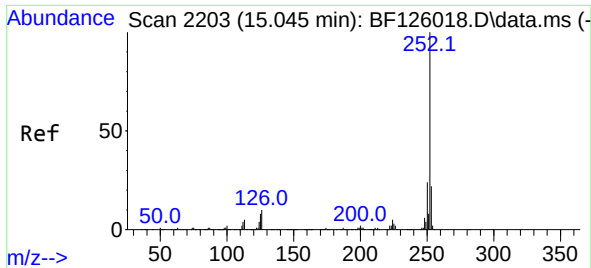
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.231 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.018 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

Tgt Ion:276 Resp: 42930
Ion Ratio Lower Upper
276 100
138 17.7 24.1 36.1#
277 26.1 18.8 28.2





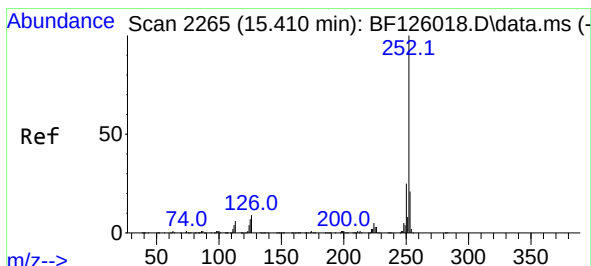
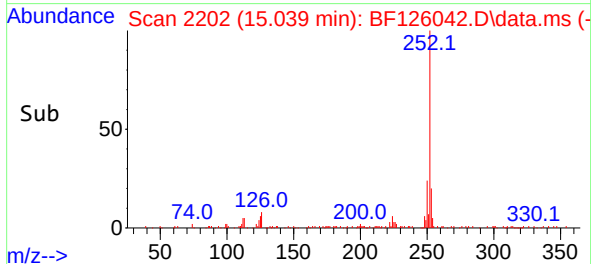
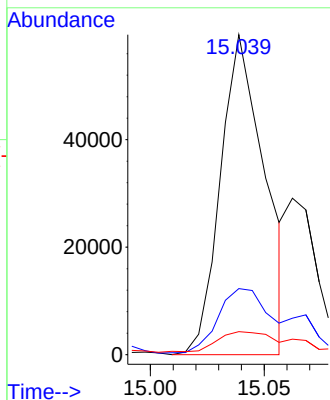
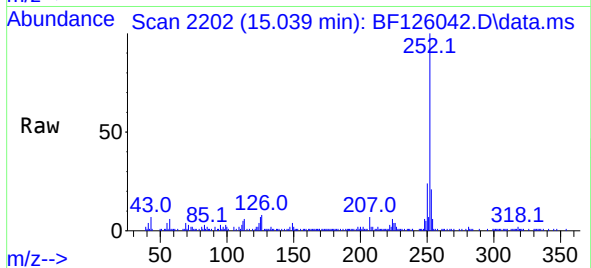
#88
Benzo(b)fluoranthene
Concen: 3.801 ng m
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

Instrument :
BNA_F
ClientSampleId :
VNJ-224

Tgt Ion:252 Resp: 80372
Ion Ratio Lower Upper
252 100
253 20.6 16.8 25.2
125 7.2 9.8 14.8

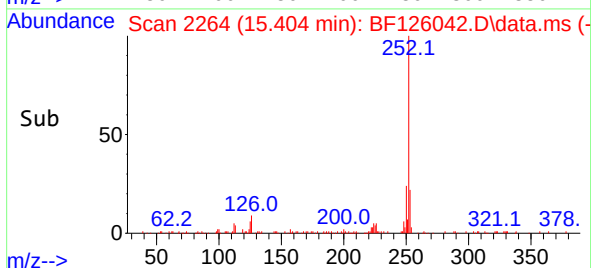
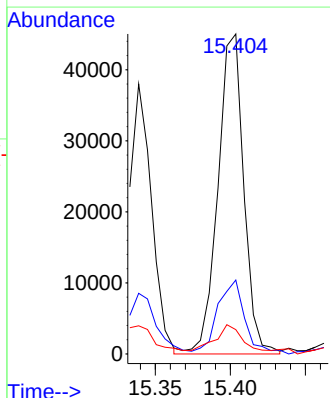
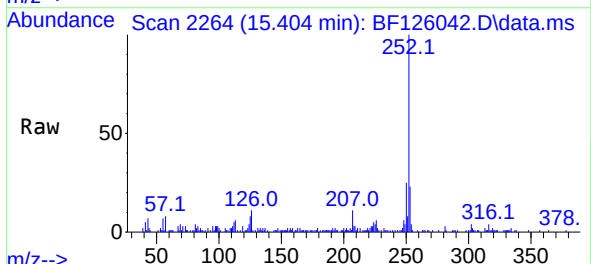
Manual Integrations
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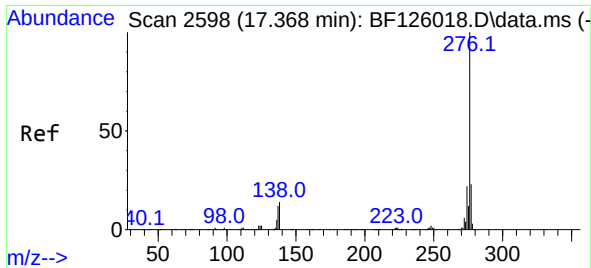
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#90
Benzo(a)pyrene
Concen: 3.241 ng m
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

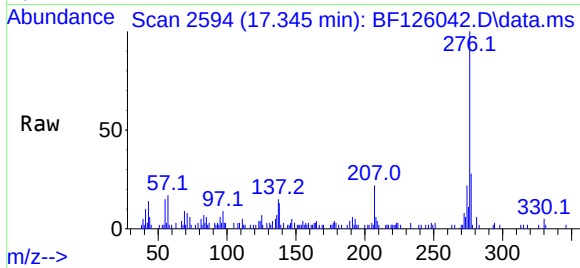
Tgt Ion:252 Resp: 53987
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 7.6 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 2.677 ng m
RT: 17.345 min Scan# 20
Delta R.T. -0.023 min
Lab File: BF126042.D
Acq: 4 Nov 2021 13:17

Instrument :
BNA_F
ClientSampleId :
VNJ-224



Tgt Ion:276 Resp: 40578
Ion Ratio Lower Upper
276 100
277 27.9 22.0 33.0
138 13.4 22.2 33.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

