

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126415.D
 Acq On : 30 Dec 2021 12:39
 Operator : JU/CG
 Sample : M5241-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2S

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 13:25:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	127799	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	445114	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	145667	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	212049	20.000	ng	# 0.01
76) Chrysene-d12	13.968	240	192731	20.000	ng	0.01
86) Perylene-d12	15.409	264	219122	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	457309	51.387	ng	0.00
7) Phenol-d6	6.422	99	552221	47.909	ng	0.00
23) Nitrobenzene-d5	7.357	82	367380	42.379	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	53972	47.948	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	351677	42.484	ng	0.00
79) Terphenyl-d14	12.921	244	256838	25.892	ng	0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.739	122	14351	2.387	ng	# 1
38) 1-Methylnaphthalene	8.892	142	56804	4.741	ng	96
52) Acenaphthene	9.875	154	35621	4.427	ng	# 86
58) Fluorene	10.386	166	50406	6.554	ng	# 74
71) Phenanthrene	11.351	178	97224	8.968	ng	# 81
72) Anthracene	11.404	178	36863	3.398	ng	# 57
75) Fluoranthene	12.551	202	34900m	3.527	ng	
78) Pyrene	12.774	202	59172	3.633	ng	# 83
81) Benzo(a)anthracene	13.957	228	29168	2.632	ng	# 55
83) Chrysene	13.992	228	33834	2.976	ng	# 55

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

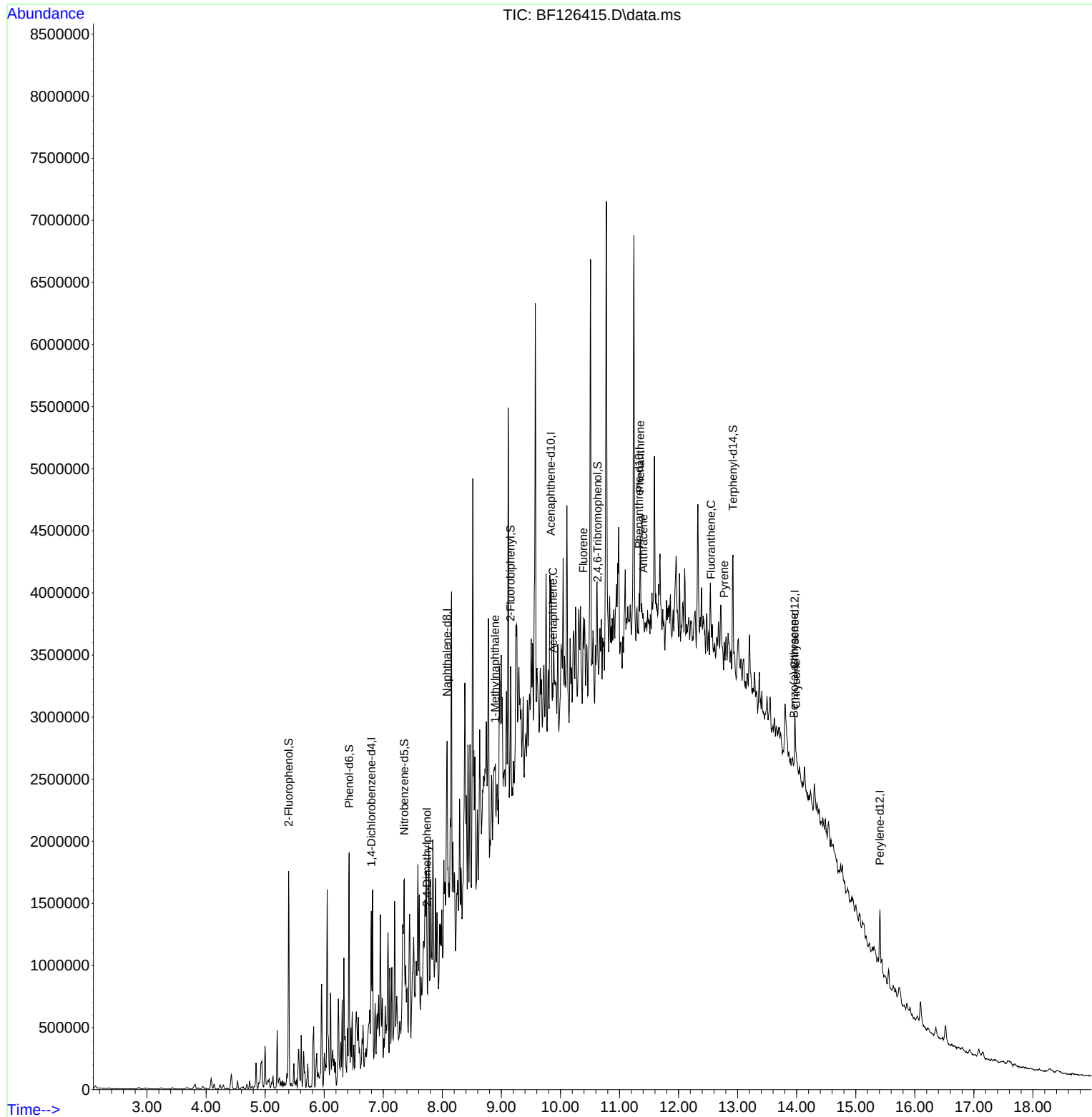
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126415.D
Acq On : 30 Dec 2021 12:39
Operator : JU/CG
Sample : M5241-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

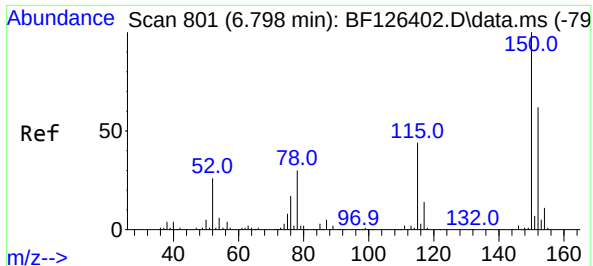
Instrument :
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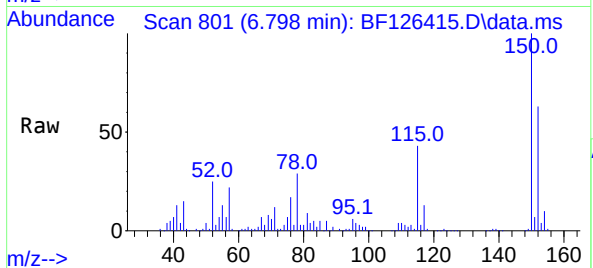
Quant Time: Dec 30 13:25:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

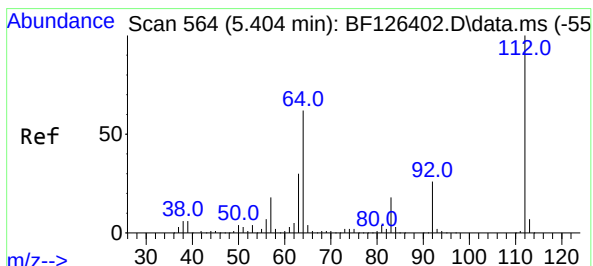
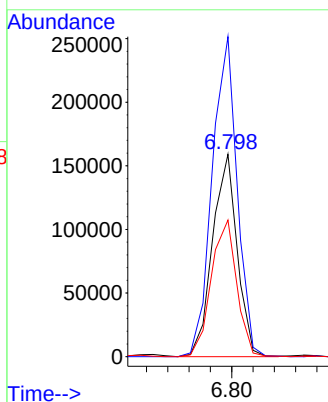
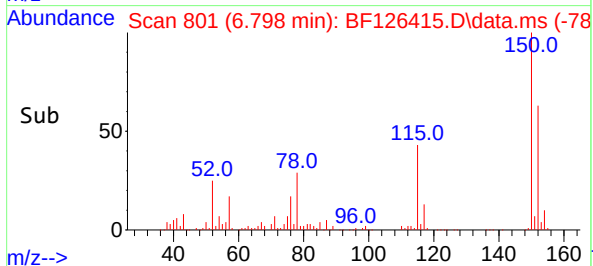
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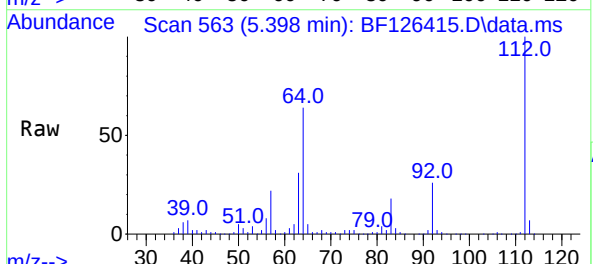
Tgt Ion:152 Resp: 127799
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 67.5 56.7 85.1

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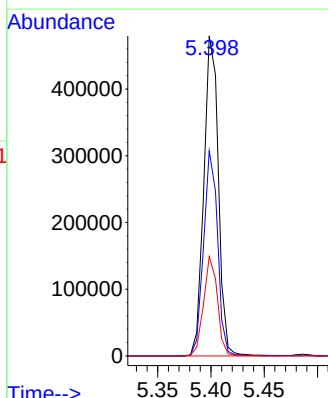
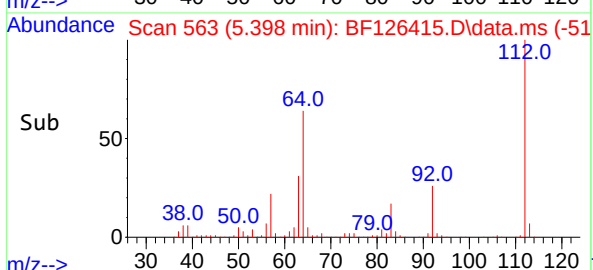
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

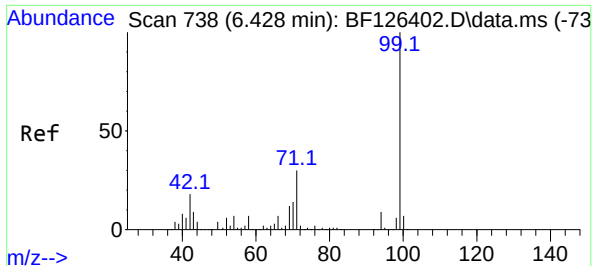


#5
2-Fluorophenol
Concen: 51.387 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39



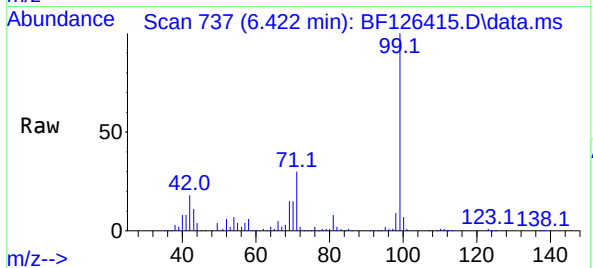
Tgt Ion:112 Resp: 457309
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 31.0 23.9 35.9





#7
Phenol-d6
Concen: 47.909 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

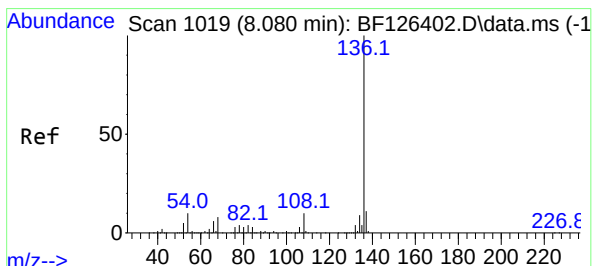
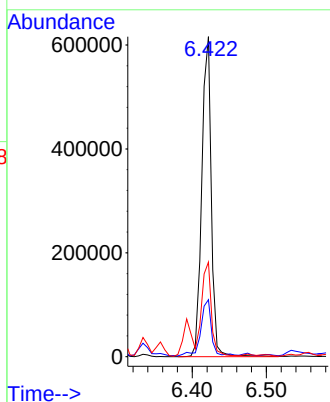
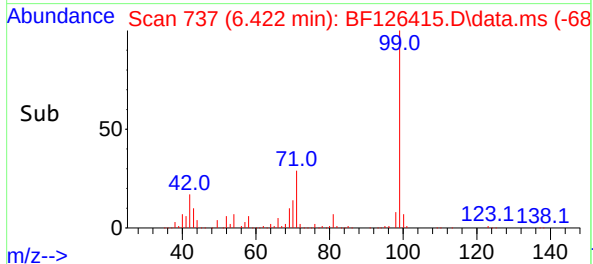
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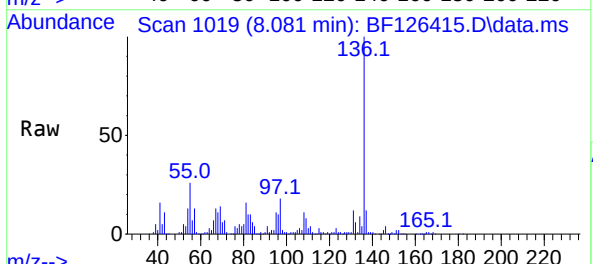
Tgt Ion: 99 Resp: 55222
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 29.5 24.3 36.5

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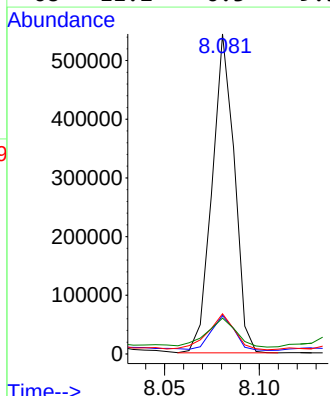
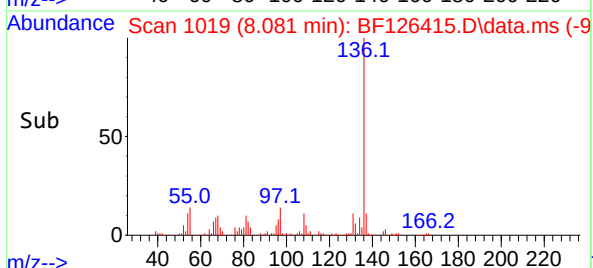
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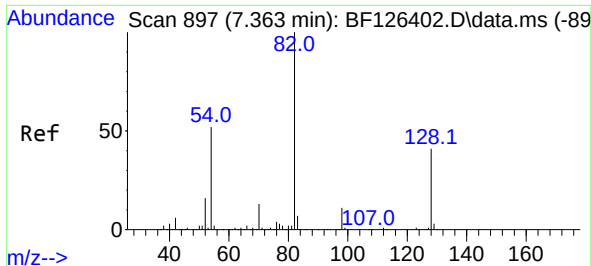


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39



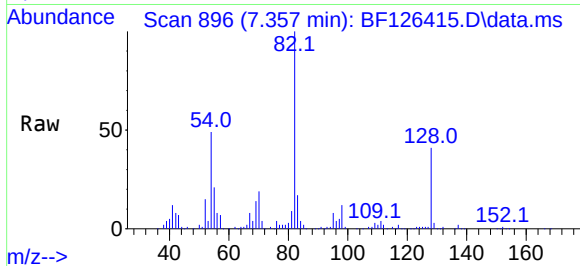
Tgt Ion:136 Resp: 445114
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 12.6 7.8 11.6#
68 11.2 6.3 9.5#





#23
Nitrobenzene-d5
Concen: 42.379 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

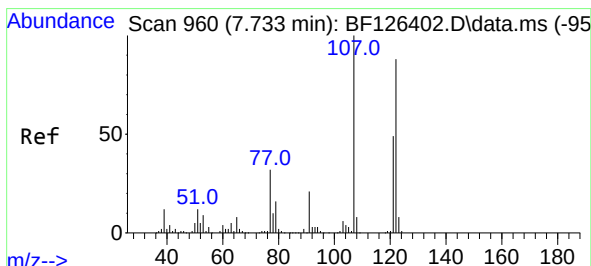
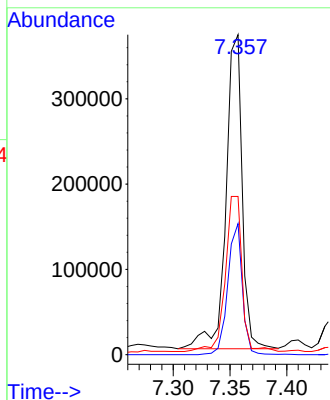
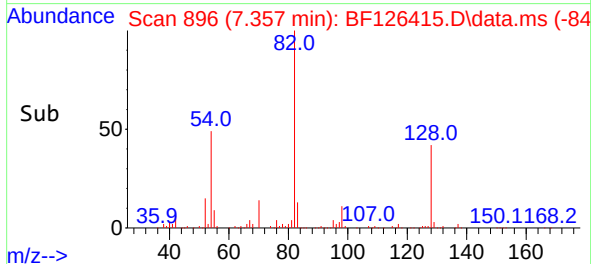
Instrument :
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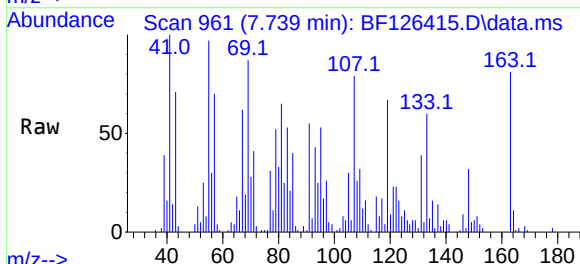
Tgt Ion: 82 Resp: 367380
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 49.5 41.7 62.5

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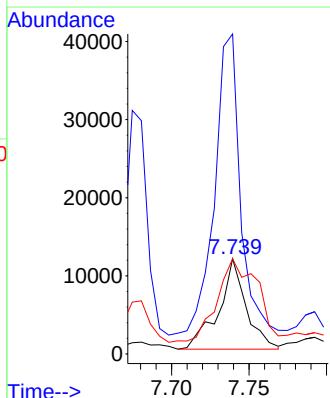
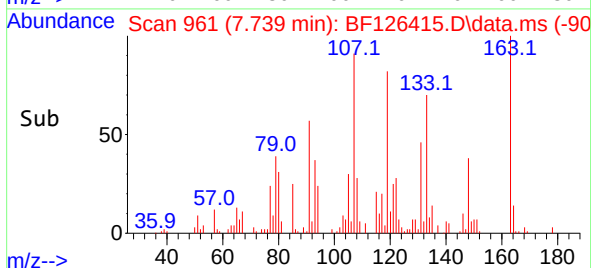
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

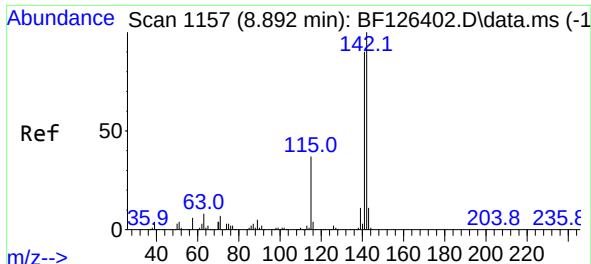


#27
2,4-Dimethylphenol
Concen: 2.387 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39



Tgt Ion:122 Resp: 14351
Ion Ratio Lower Upper
122 100
107 336.2 91.2 136.8#
121 100.1 44.4 66.6#





#38
1-Methylnaphthalene
Concen: 4.741 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

Instrument :

BNA_F

ClientSampleId :

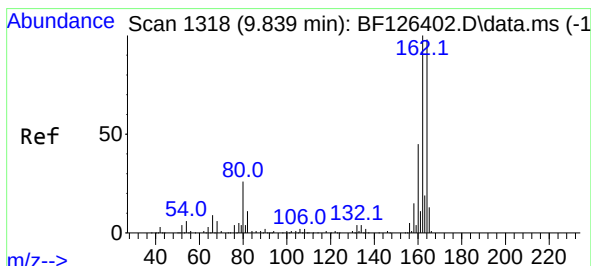
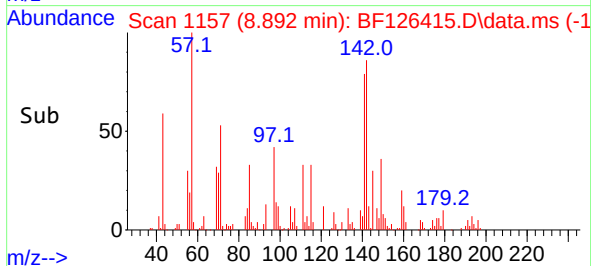
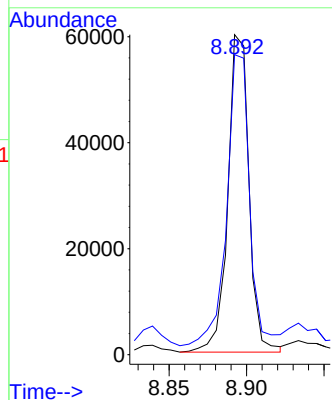
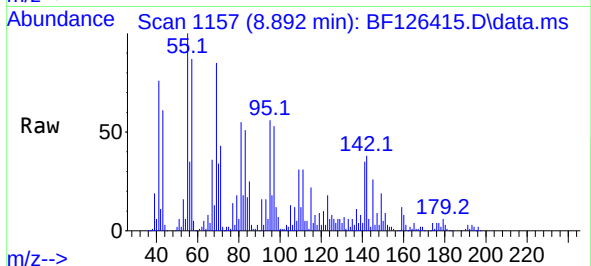
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Tgt Ion:142 Resp: 56804
Ion Ratio Lower Upper
142 100
141 93.7 72.1 108.1

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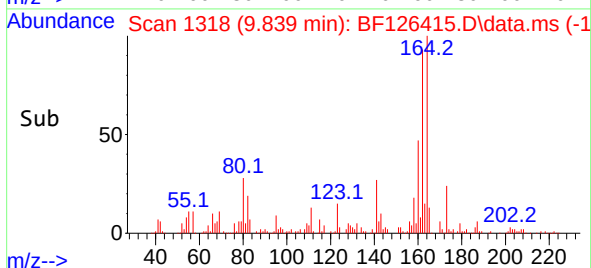
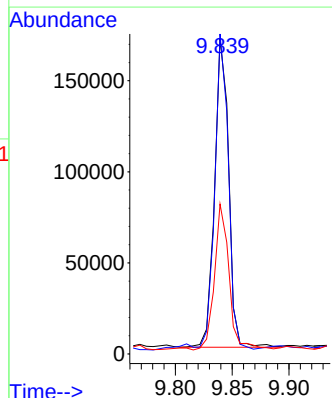
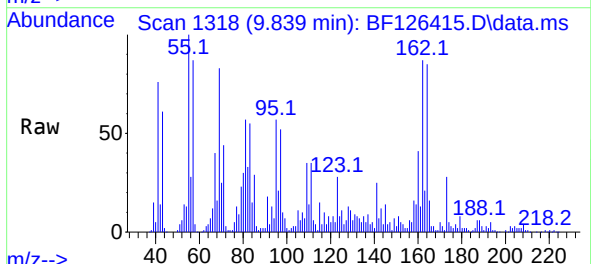
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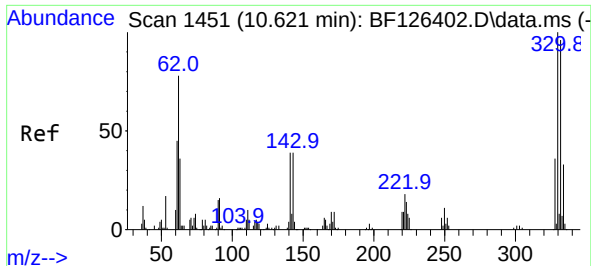
Reviewed By :Jagrut Upadhyay 12/30/2021
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

Tgt Ion:164 Resp: 145667
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 47.5 36.6 54.8





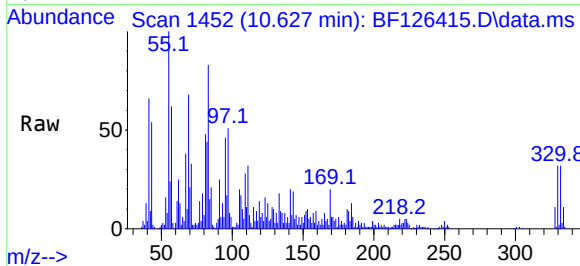
#42
2,4,6-Tribromophenol
Concen: 47.948 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

Instrument :

BNA_F

ClientSampleId :

TP-2S

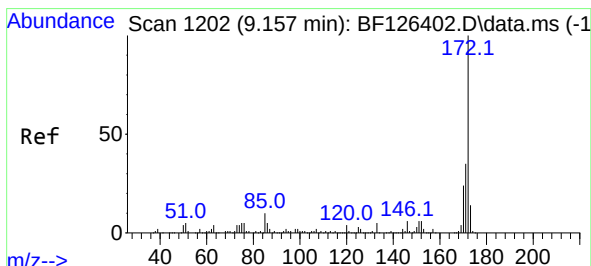
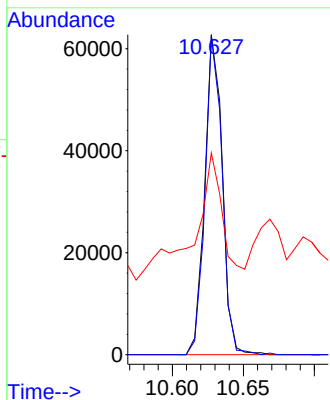
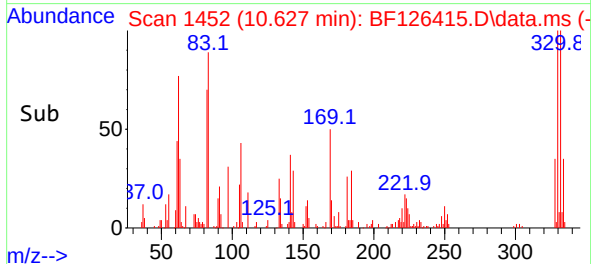


Tgt Ion:330 Resp: 53972
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 66.0 30.1 45.1

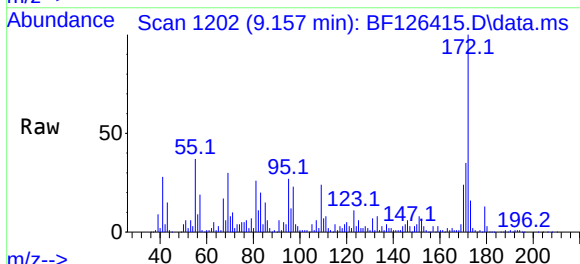
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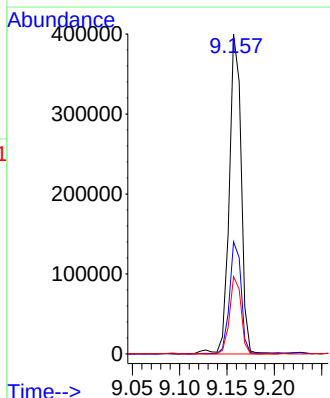
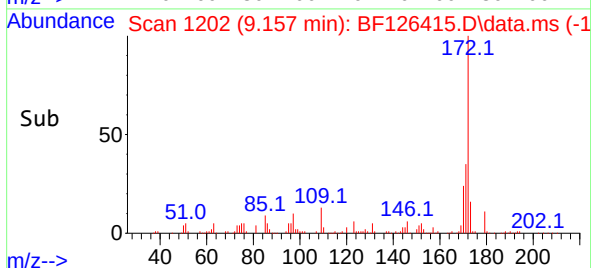
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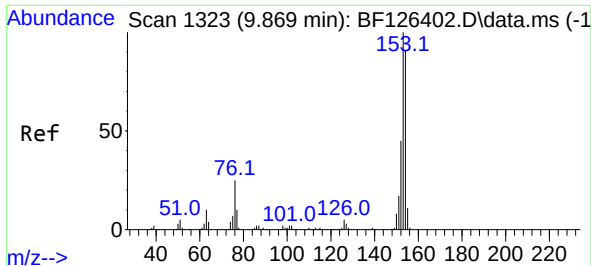


#45
2-Fluorobiphenyl
Concen: 42.484 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39



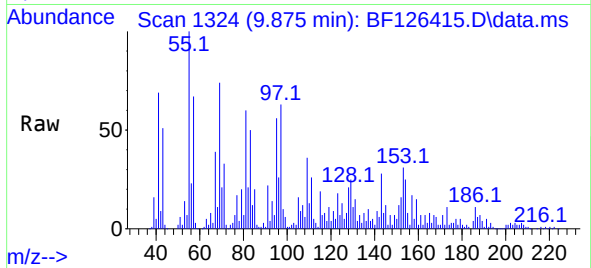
Tgt Ion:172 Resp: 351677
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 24.1 19.0 28.6





#52
Acenaphthene
Concen: 4.427 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

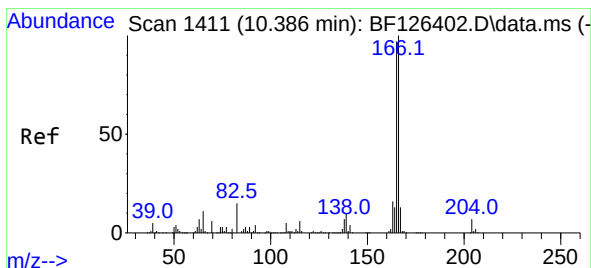
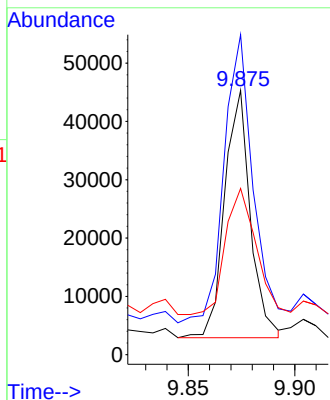
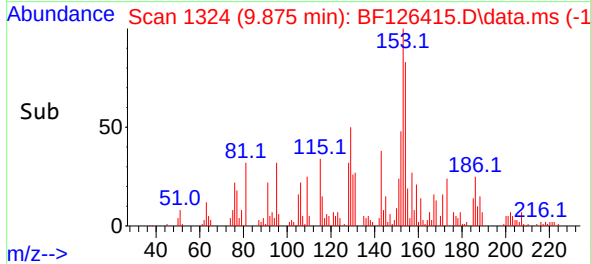
Instrument :
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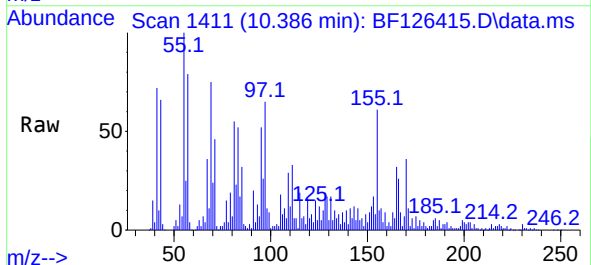
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Ion Ratio Lower Upper
154 100
153 121.1 87.8 131.6
152 62.9 39.4 59.2

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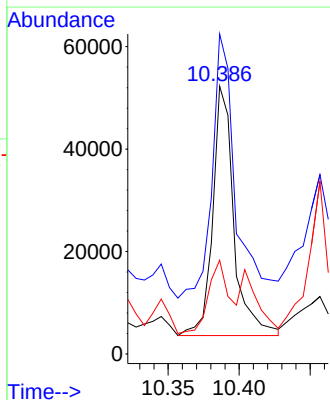
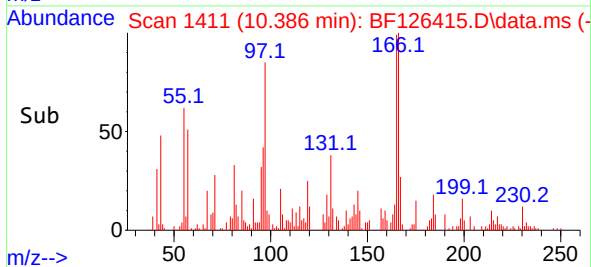
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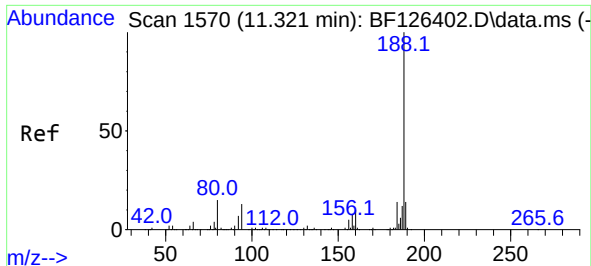


#58
Fluorene
Concen: 6.554 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39



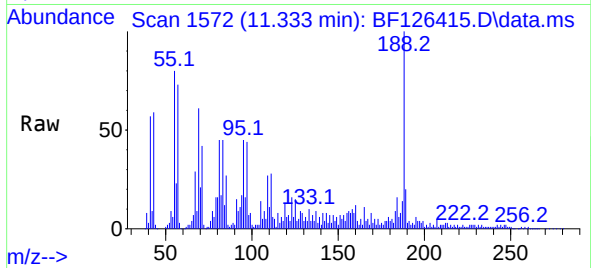
Tgt Ion:166 Resp: 50406
Ion Ratio Lower Upper
166 100
165 119.5 77.7 116.5#
167 35.0 10.7 16.1#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

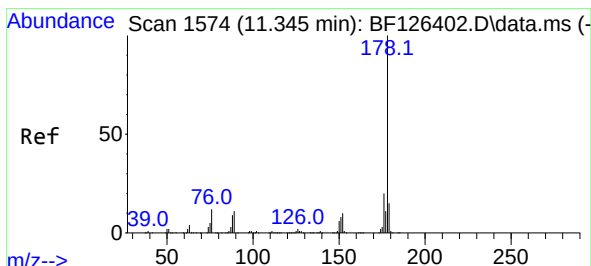
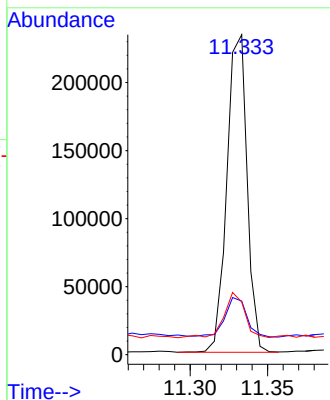
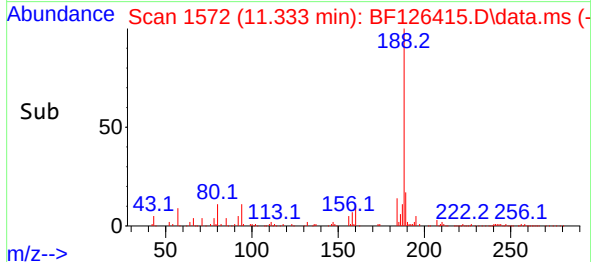
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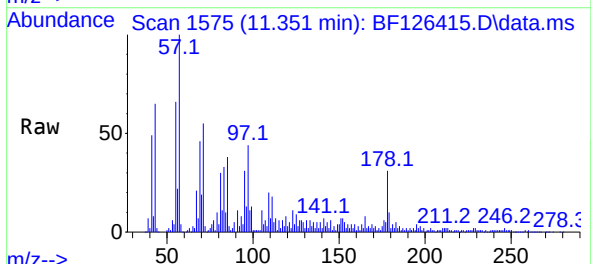
Tgt Ion:188 Resp: 212049
Ion Ratio Lower Upper
188 100
94 16.7 10.1 15.1
80 16.4 11.8 17.6

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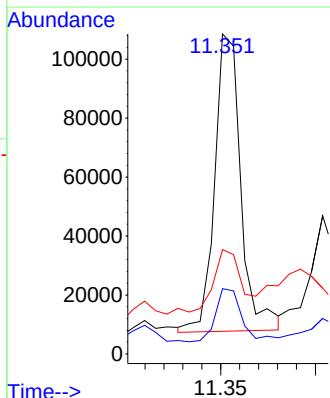
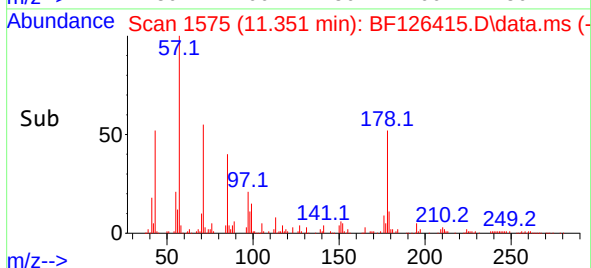
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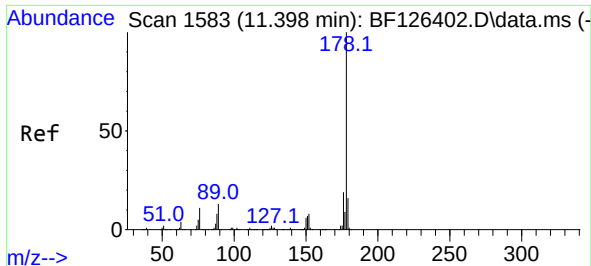


#71
Phenanthrene
Concen: 8.968 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39



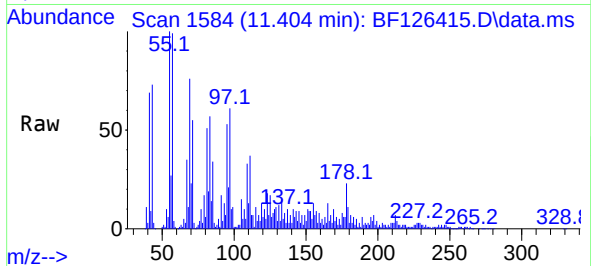
Tgt Ion:178 Resp: 97224
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 32.6 12.3 18.5#





#72
 Anthracene
 Concen: 3.398 ng
 RT: 11.404 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126415.D
 Acq: 30 Dec 2021 12:39

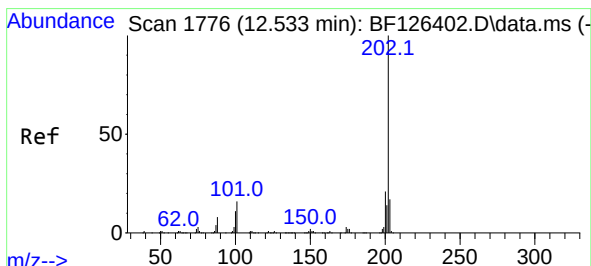
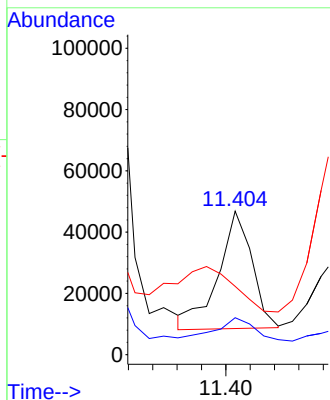
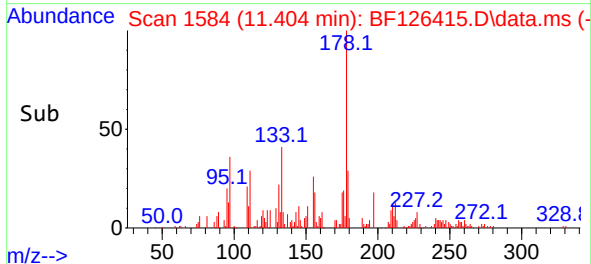
Instrument :
 BNA_F
 ClientSampleId :
 TP-2S



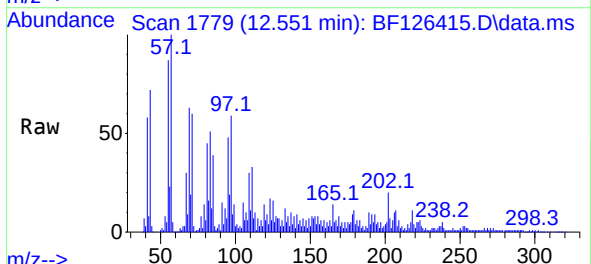
Tgt Ion:178 Resp: 3686
 Ion Ratio Lower Upper
 178 100
 176 25.7 15.0 22.6
 179 47.6 12.5 18.7

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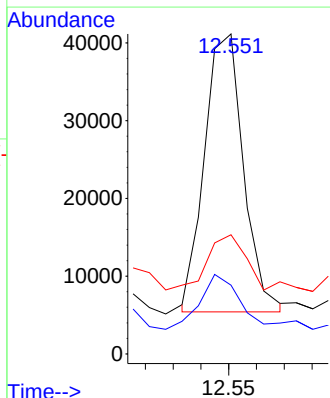
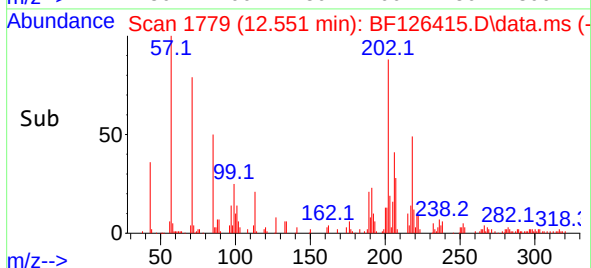
Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/31/2021

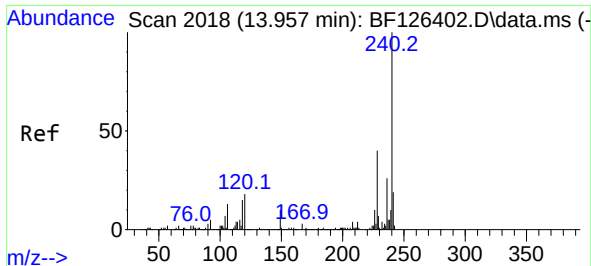


#75
 Fluoranthene
 Concen: 3.527 ng m
 RT: 12.551 min Scan# 1779
 Delta R.T. 0.018 min
 Lab File: BF126415.D
 Acq: 30 Dec 2021 12:39



Tgt Ion:202 Resp: 34900
 Ion Ratio Lower Upper
 202 100
 101 21.5 0.0 35.7
 203 37.2 0.0 37.1#





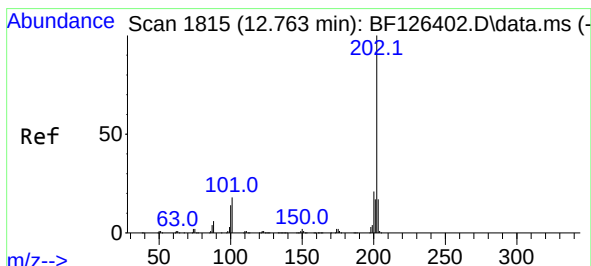
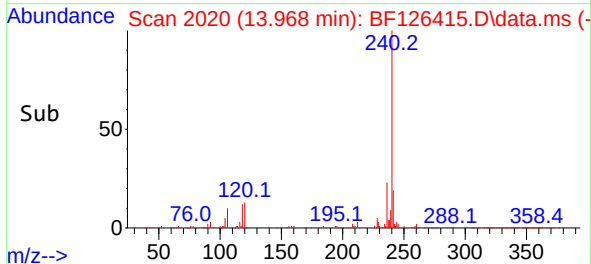
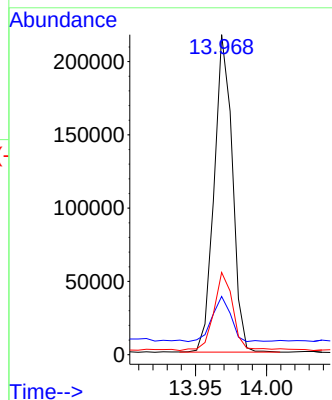
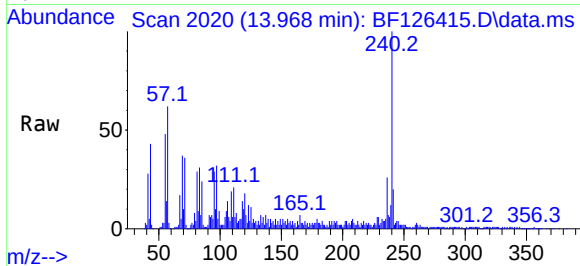
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2018
Delta R.T. 0.012 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion:240 Resp: 19273
Ion Ratio Lower Upper
240 100
120 18.2 14.4 21.6
236 25.7 20.5 30.7

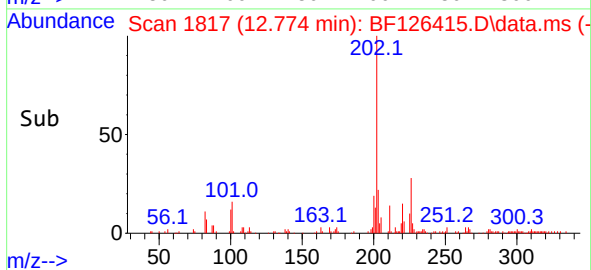
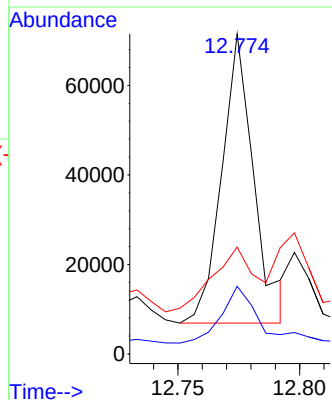
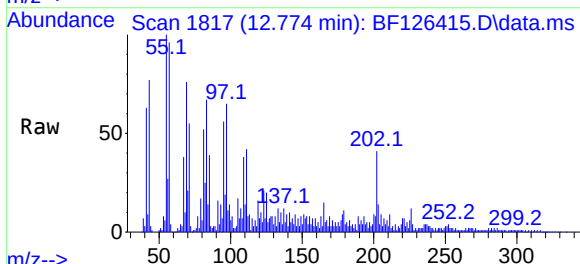
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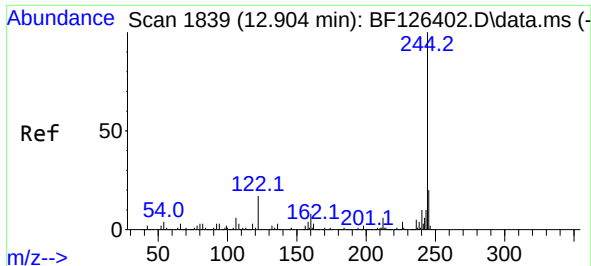
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#78
Pyrene
Concen: 3.633 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.012 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

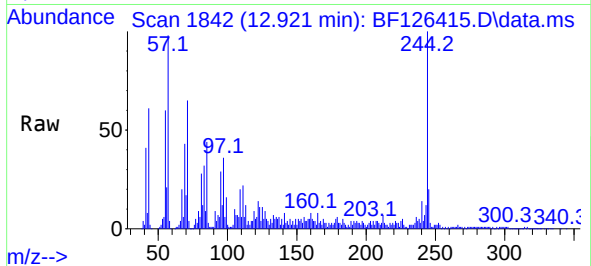
Tgt Ion:202 Resp: 59172
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 33.4 13.8 20.8#





#79
Terphenyl-d14
Concen: 25.892 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.018 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

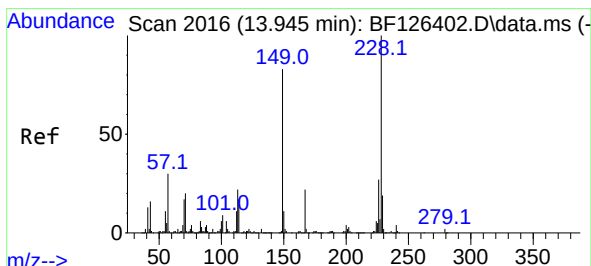
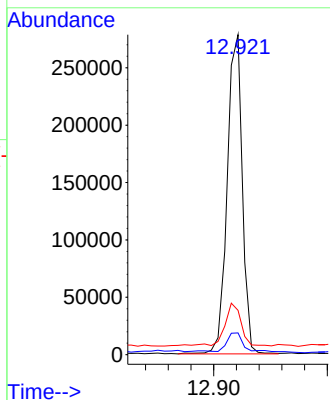
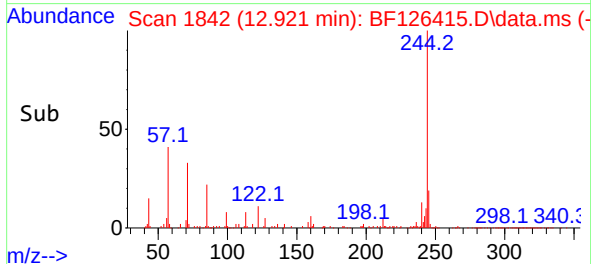
Instrument :
BNA_F
ClientSampleId :
TP-2S



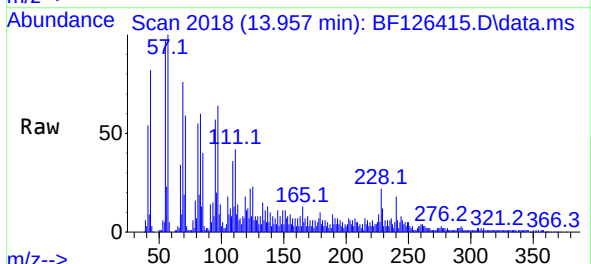
Tgt Ion:244 Resp: 256838
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 13.8 13.3 19.9

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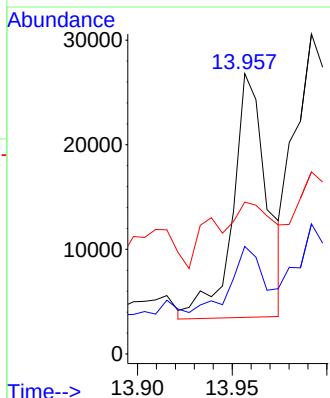
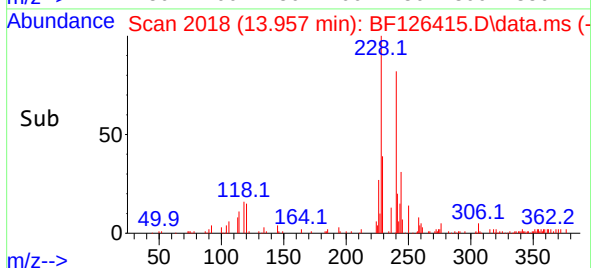
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

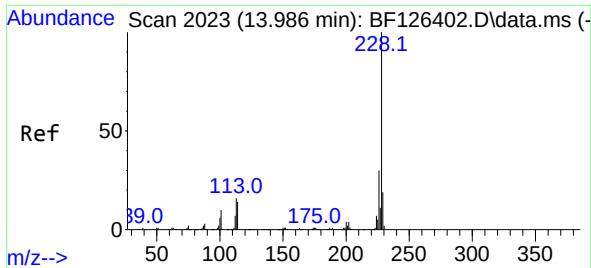


#81
Benzo(a)anthracene
Concen: 2.632 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.012 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39



Tgt Ion:228 Resp: 29168
Ion Ratio Lower Upper
228 100
226 38.4 21.4 32.0#
229 54.2 15.4 23.2#





#83
Chrysene
Concen: 2.976 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

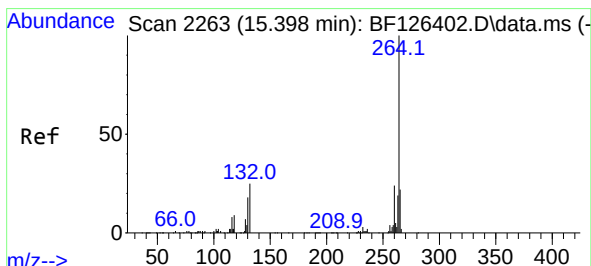
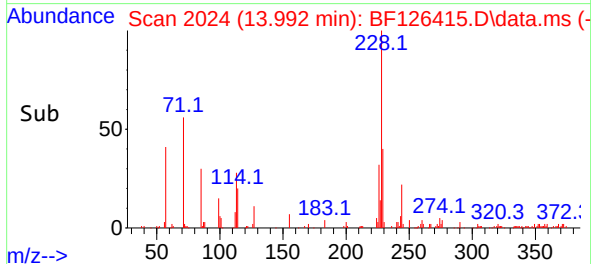
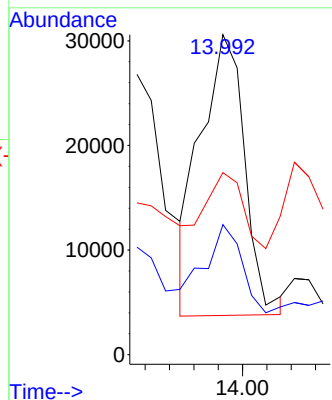
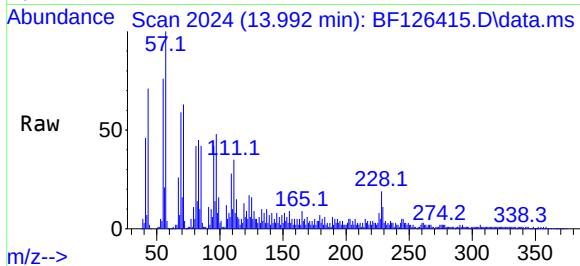
Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion:228 Resp: 33834

Ion	Ratio	Lower	Upper
228	100		
226	40.7	23.7	35.5
229	56.9	15.5	23.3

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Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.012 min
Lab File: BF126415.D
Acq: 30 Dec 2021 12:39

Tgt Ion:264 Resp: 219122

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.6	17.4	26.2

