

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126163.D
 Acq On : 12 Nov 2021 20:40
 Operator : JU/CG
 Sample : M4639-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-1/2-3

Quant Time: Nov 15 06:37:05 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 11/15/2021
 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	146293	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	524828	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	306145	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	522869	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	375938	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	383189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	888076	104.248	ng	0.00
7) Phenol-d6	6.469	99	1179098	98.186	ng	-0.02
23) Nitrobenzene-d5	7.404	82	873142	78.459	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	314295	89.583	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1564515	69.060	ng	-0.01
79) Terphenyl-d14	12.951	244	1452866	62.319	ng	-0.01
Target Compounds						
75) Fluoranthene	12.574	202	99915	3.164	ng	Qvalue 96
78) Pyrene	12.804	202	82198	2.726	ng	98
88) Benzo(b)fluoranthene	15.039	252	52851m	2.120	ng	

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

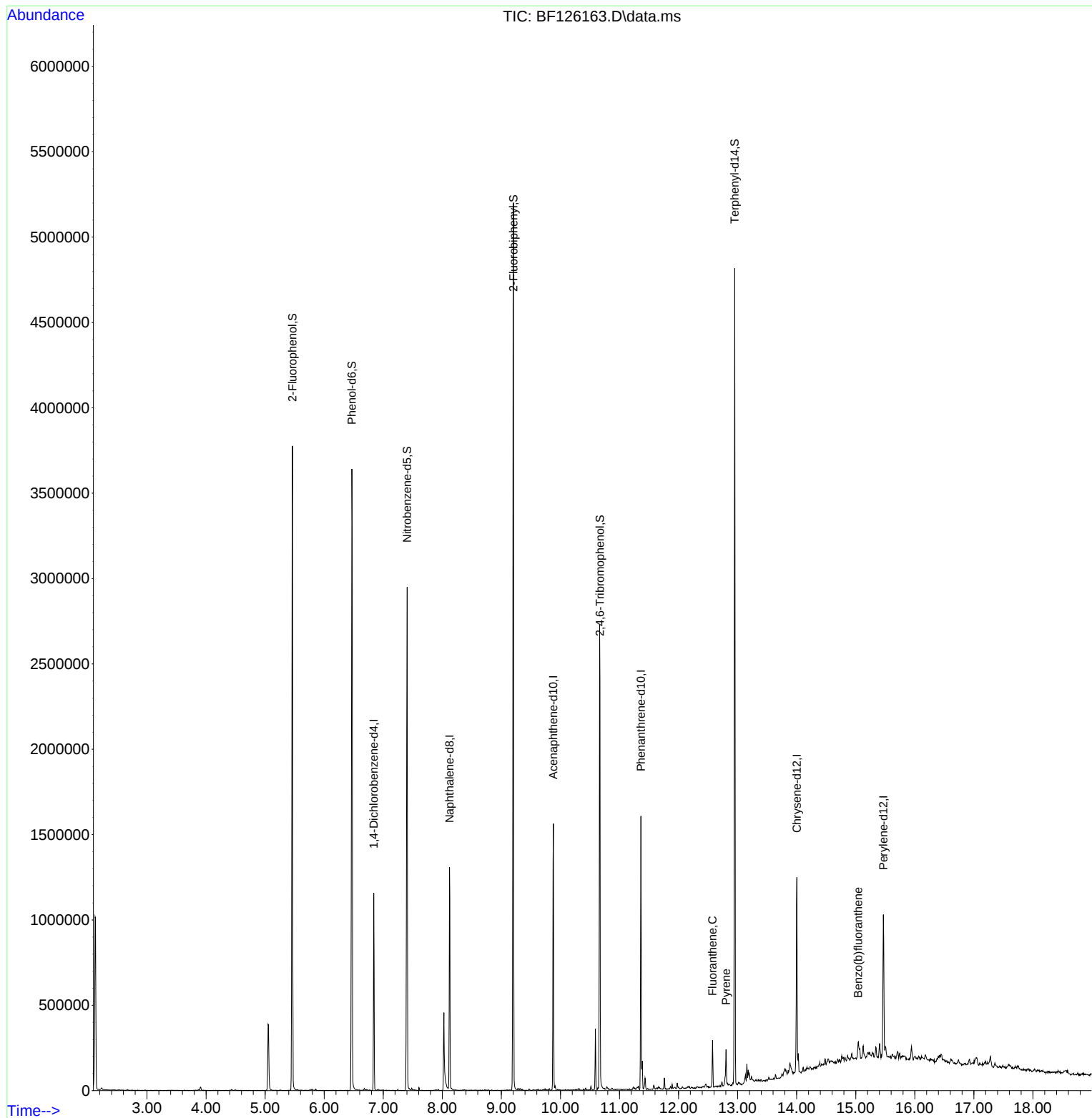
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
Data File : BF126163.D
Acq On : 12 Nov 2021 20:40
Operator : JU/CG
Sample : M4639-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

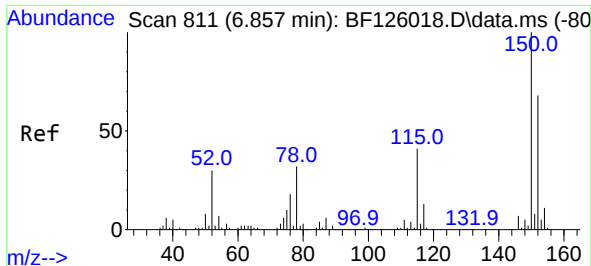
Instrument :
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ClientSampleId :
TT-1/2-3

Quant Time: Nov 15 06:37:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
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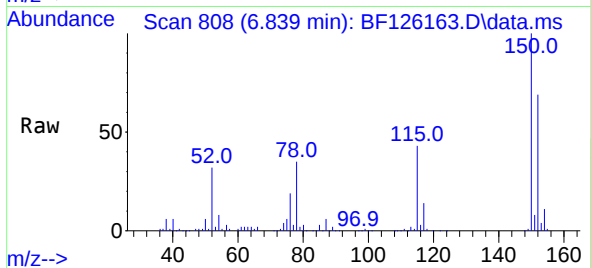
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.018 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

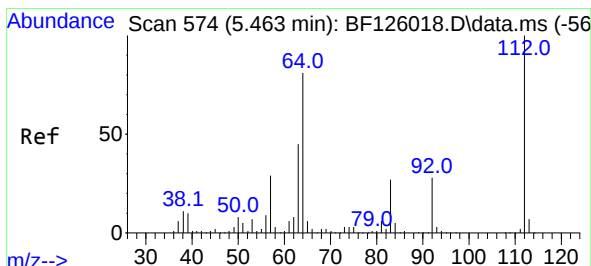
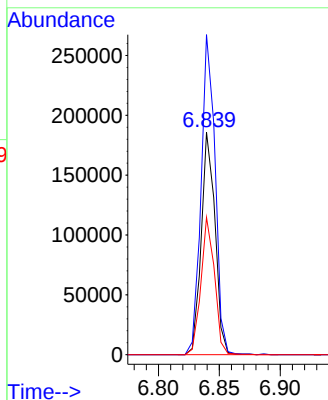
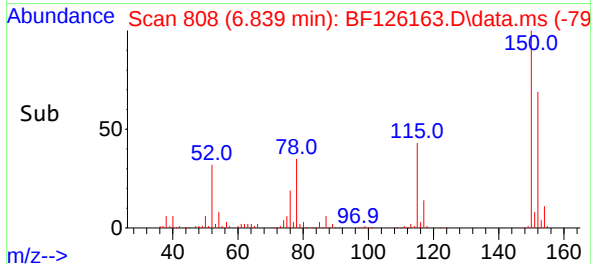
Instrument :
BNA_F
ClientSampleId :
TT-1/2-3



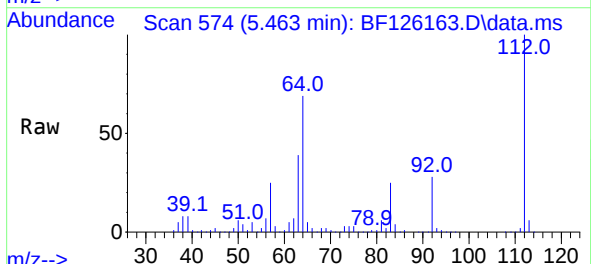
Tgt Ion:152 Resp: 146293
Ion Ratio Lower Upper
152 100
150 143.9 117.6 176.4
115 61.8 47.1 70.7

Manual Integrations
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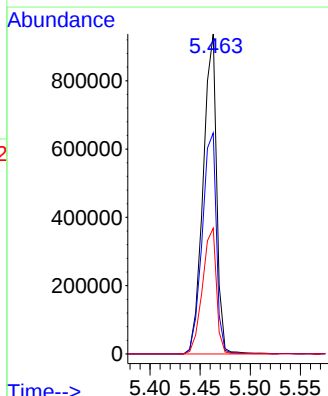
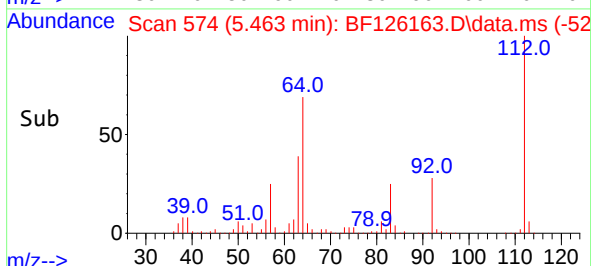
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

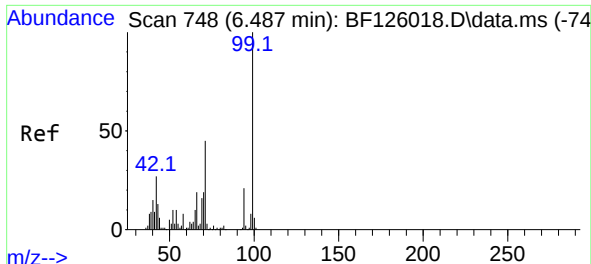


#5
2-Fluorophenol
Concen: 104.248 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40



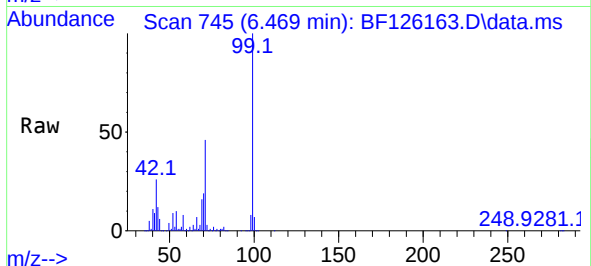
Tgt Ion:112 Resp: 888076
Ion Ratio Lower Upper
112 100
64 69.1 44.2 66.2#
63 39.3 26.2 39.2#





#7
Phenol-d6
Concen: 98.186 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

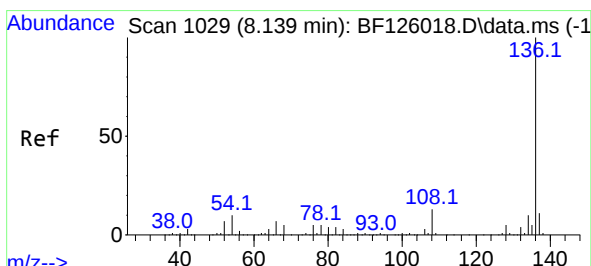
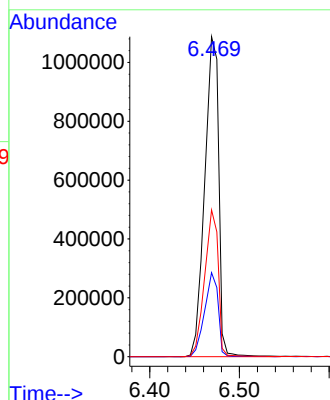
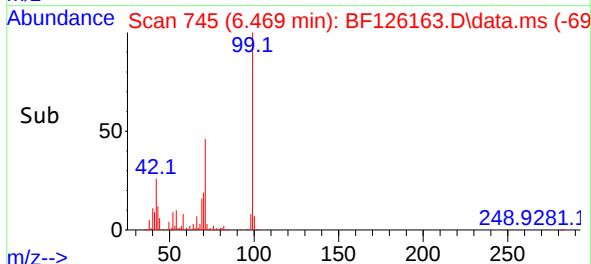
Instrument :
BNA_F
ClientSampleId :
TT-1/2-3



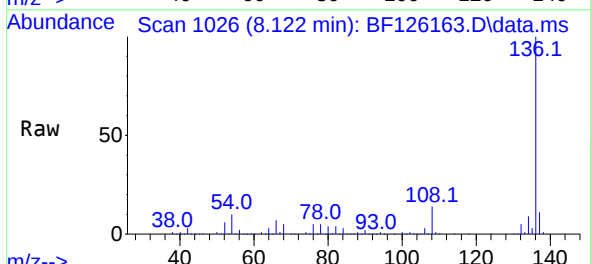
Tgt Ion: 99 Resp: 1179098
Ion Ratio Lower Upper
99 100
42 26.3 23.5 35.3
71 45.9 25.6 38.4

Manual Integrations
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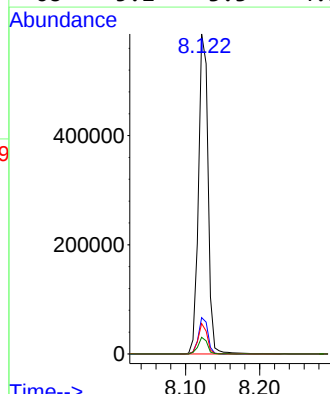
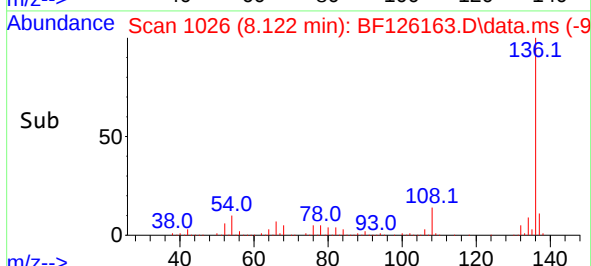
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40



Tgt Ion:136 Resp: 524828
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.5 6.4 9.6
68 5.2 3.3 4.9





#23

Nitrobenzene-d5

Concen: 78.459 ng

RT: 7.404 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF126163.D

Acq: 12 Nov 2021 20:40

Instrument :

BNA_F

ClientSampleId :

TT-1/2-3

Tgt Ion: 82 Resp: 87314

Ion Ratio Lower Upper

82 100

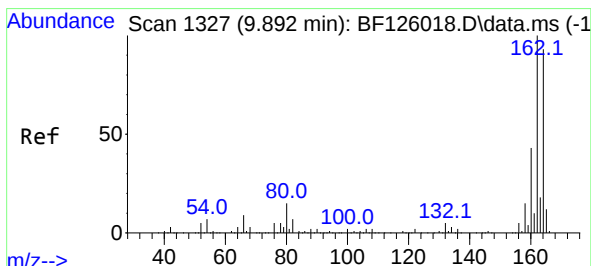
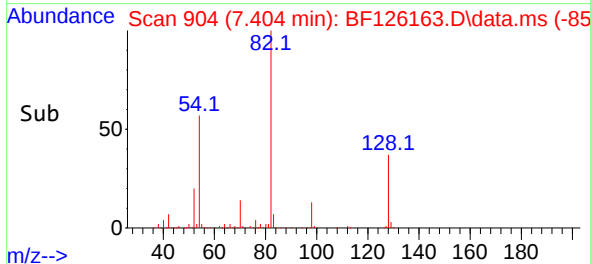
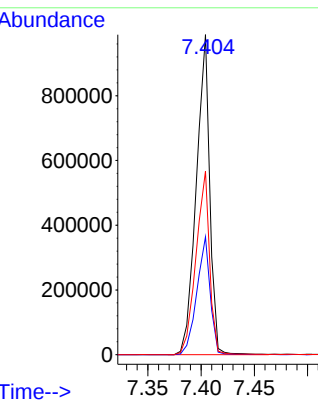
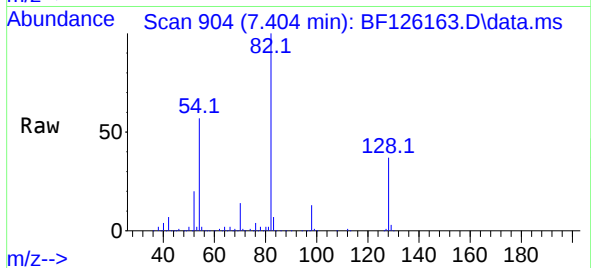
128 36.8 40.6 60.8

54 57.4 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: BF126163.D

Acq: 12 Nov 2021 20:40

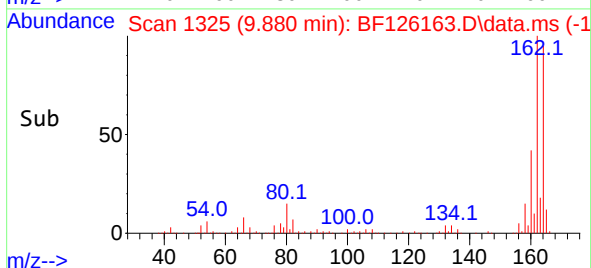
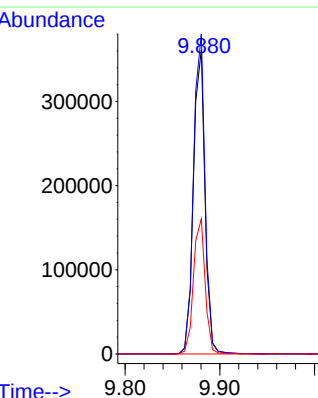
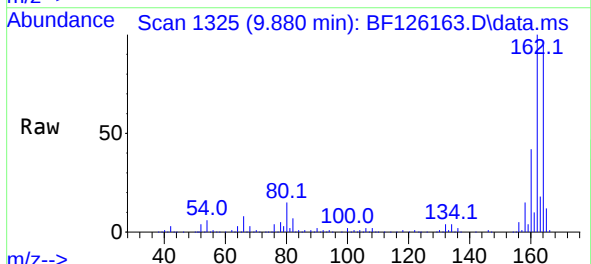
Tgt Ion:164 Resp: 306145

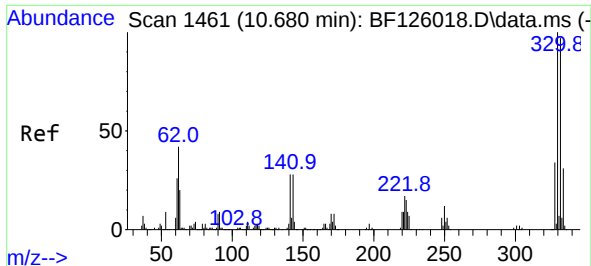
Ion Ratio Lower Upper

164 100

162 105.2 81.3 121.9

160 44.4 38.0 57.0





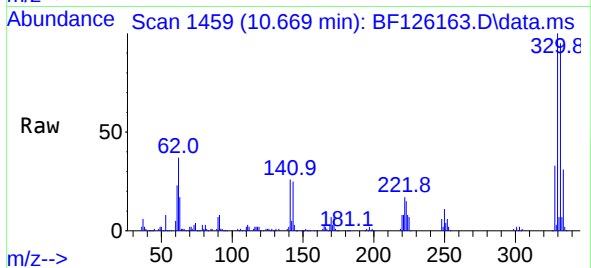
#42
2,4,6-Tribromophenol
Concen: 89.583 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Instrument :

BNA_F

ClientSampleId :

TT-1/2-3

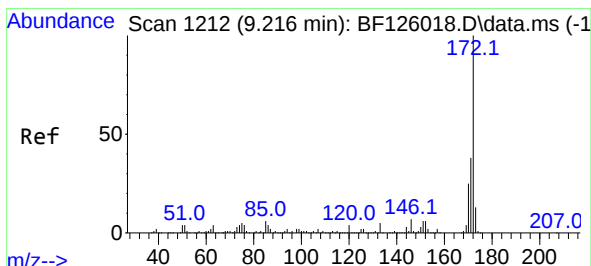
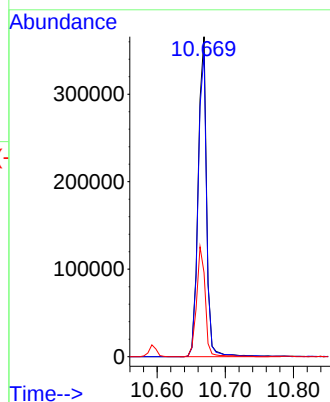
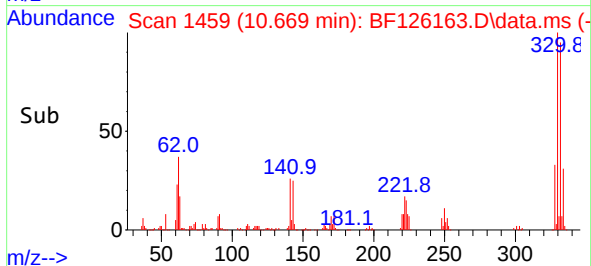


Tgt Ion:330 Resp: 314295
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 35.3 44.6 66.8

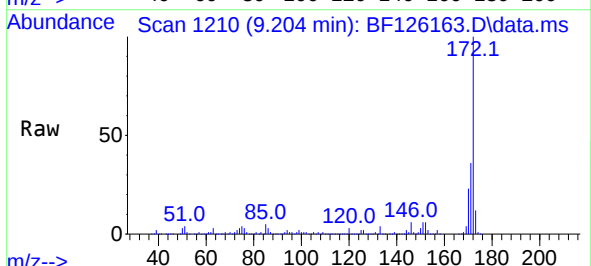
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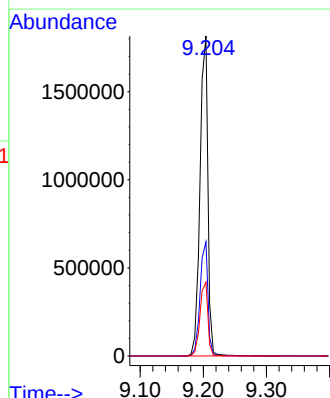
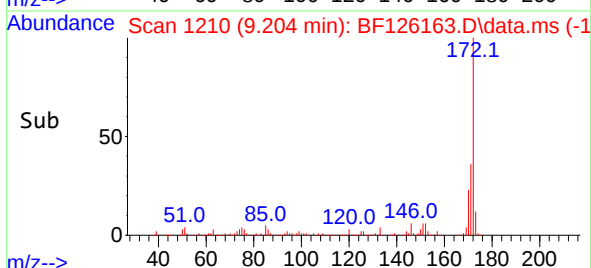
Reviewed By :Jagrut Upadhyay 11/15/2021
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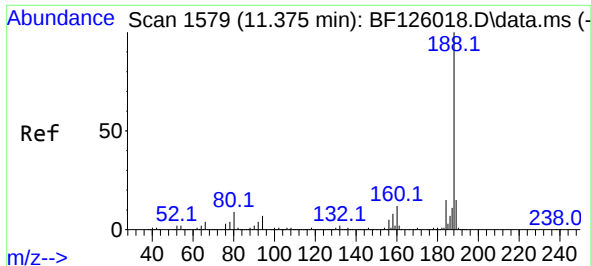


#45
2-Fluorobiphenyl
Concen: 69.060 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40



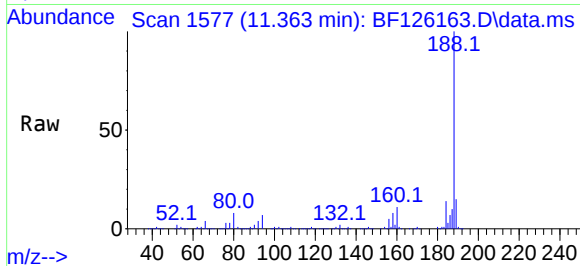
Tgt Ion:172 Resp: 1564515
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.1 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

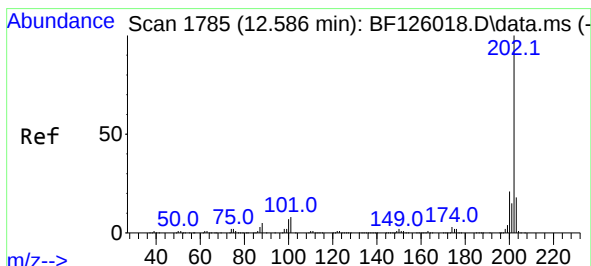
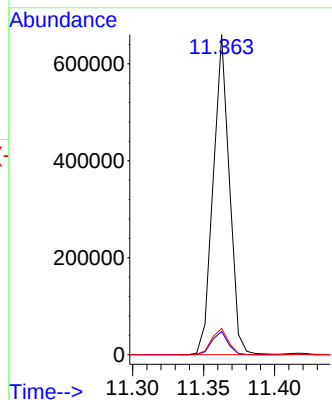
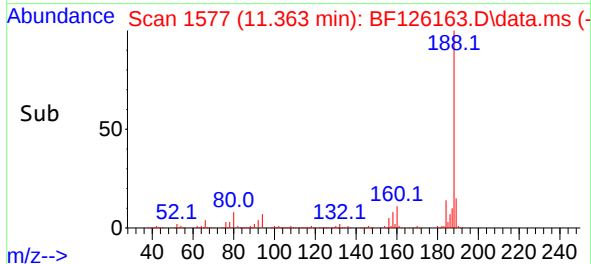
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ClientSampleId :
TT-1/2-3



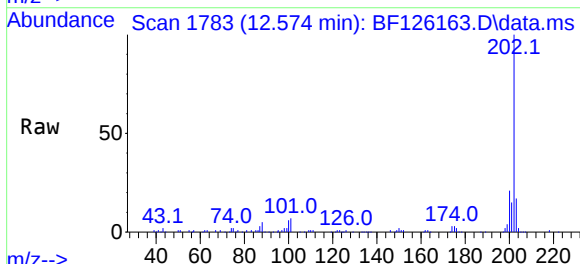
Tgt Ion:188 Resp: 522869
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.2 7.5 11.3

Manual Integrations
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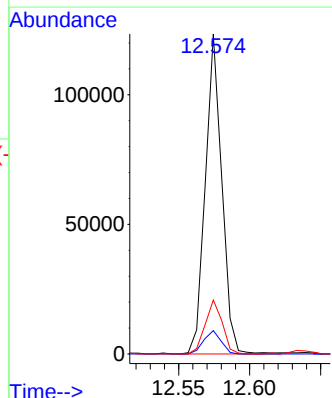
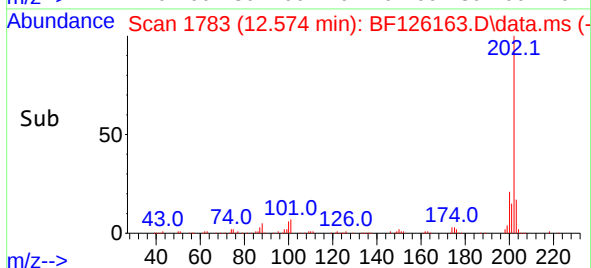
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

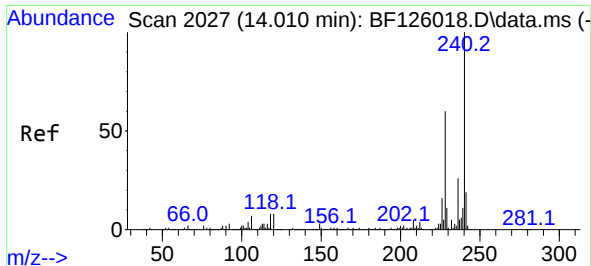


#75
Fluoranthene
Concen: 3.164 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40



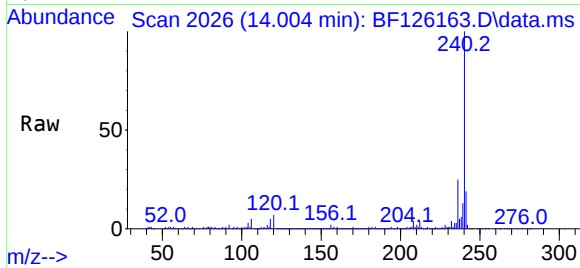
Tgt Ion:202 Resp: 99915
Ion Ratio Lower Upper
202 100
101 7.3 0.0 30.7
203 16.9 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

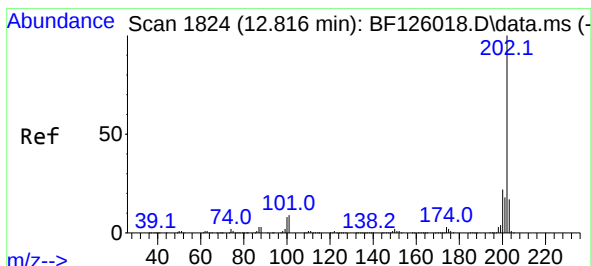
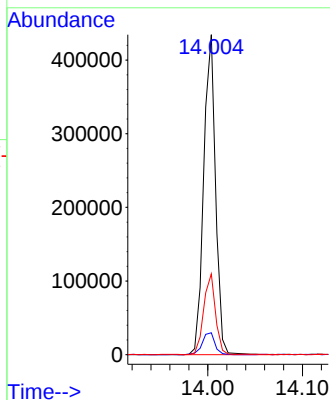
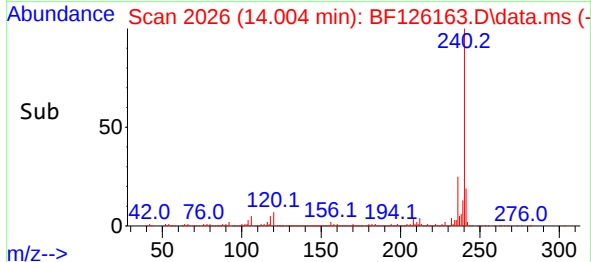
Instrument :
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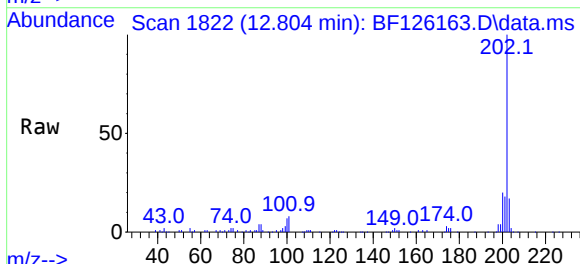
Tgt Ion:240 Resp: 375938
Ion Ratio Lower Upper
240 100
120 6.9 10.8 16.2
236 25.3 21.6 32.4

Manual Integrations
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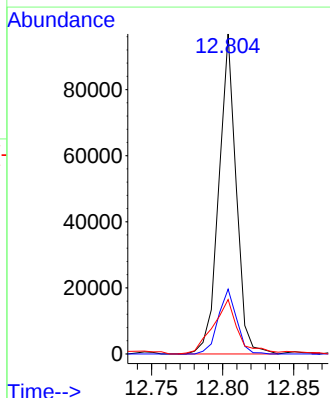
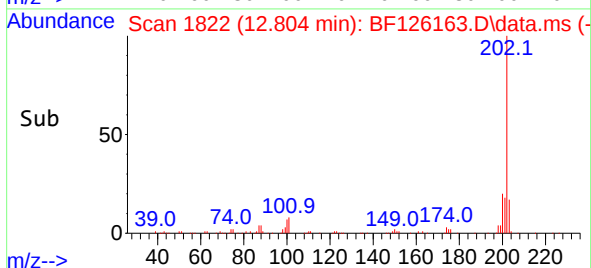
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

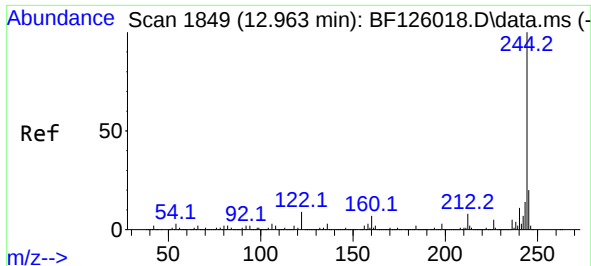


#78
Pyrene
Concen: 2.726 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40



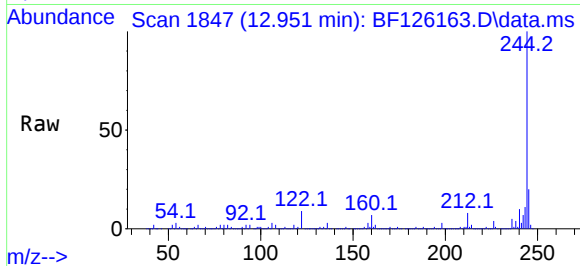
Tgt Ion:202 Resp: 82198
Ion Ratio Lower Upper
202 100
200 20.2 15.3 22.9
203 17.0 13.4 20.0





#79
 Terphenyl-d14
 Concen: 62.319 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126163.D
 Acq: 12 Nov 2021 20:40

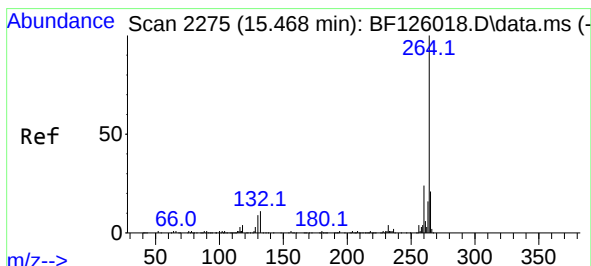
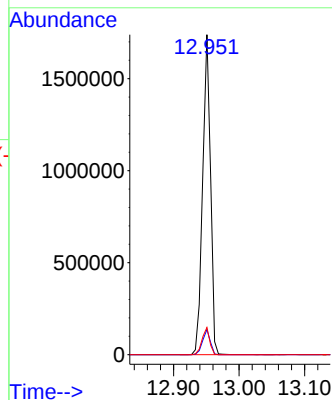
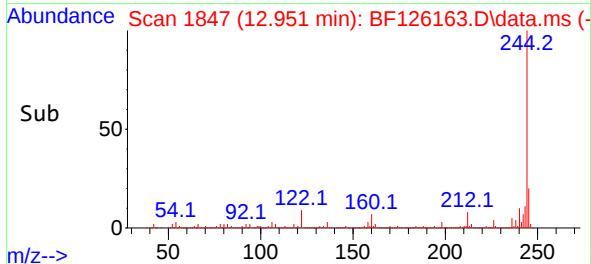
Instrument :
 BNA_F
 ClientSampleId :
 TT-1/2-3



Tgt Ion:244 Resp: 1452860
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.5 9.0 13.4

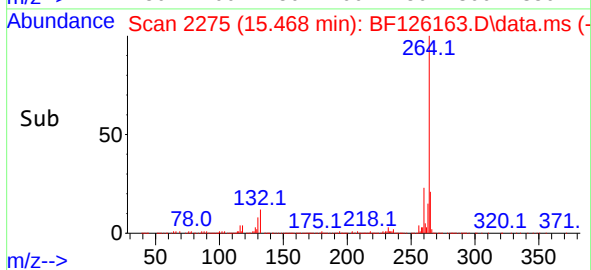
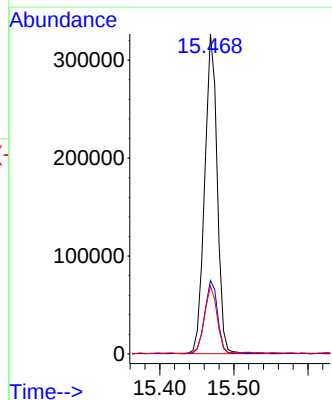
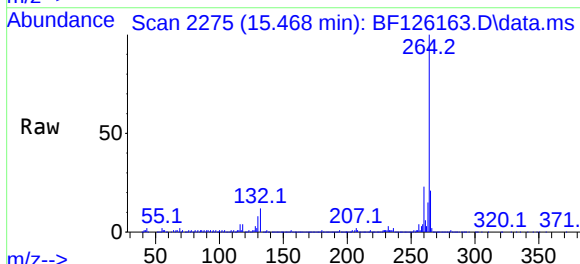
Manual Integrations
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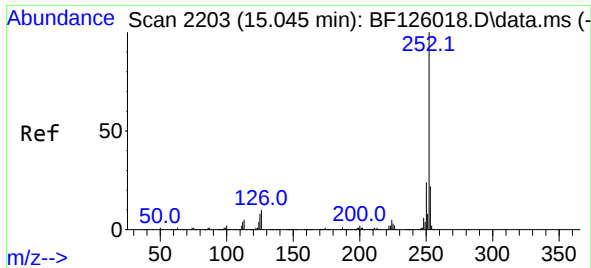
Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126163.D
 Acq: 12 Nov 2021 20:40

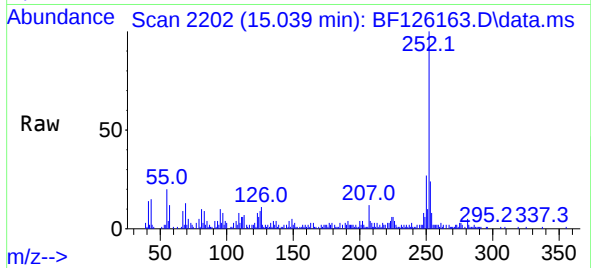
Tgt Ion:264 Resp: 383189
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 21.2 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.120 ng m
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Instrument :
BNA_F
ClientSampleId :
TT-1/2-3



Tgt Ion:252 Resp: 5285
Ion Ratio Lower Upper
252 100
253 23.7 16.8 25.2
125 8.8 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

