

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134308.D
 Acq On : 15 Jul 2023 01:30
 Operator : CG\JU
 Sample : 03597-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-44-(2-5)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 15 02:59:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	81921	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	309350	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	147932	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	262929	20.000	ng	0.00
76) Chrysene-d12	14.033	240	180519	20.000	ng	0.00
86) Perylene-d12	15.539	264	142410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	425527	86.890	ng	0.00
7) Phenol-d6	6.481	99	495192	82.220	ng	0.00
23) Nitrobenzene-d5	7.404	82	344447	60.021	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	158137	85.260	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	593418	58.322	ng	0.00
79) Terphenyl-d14	12.969	244	531290	47.367	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	27311	2.063	ng	99
75) Fluoranthene	12.598	202	62936	4.398	ng	95
78) Pyrene	12.827	202	62370	3.713	ng	98
81) Benzo(a)anthracene	14.027	228	34946m	2.791	ng	
83) Chrysene	14.063	228	36026	2.971	ng	96
88) Benzo(b)fluoranthene	15.098	252	37620m	4.493	ng	
90) Benzo(a)pyrene	15.474	252	26703	3.298	ng	99

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

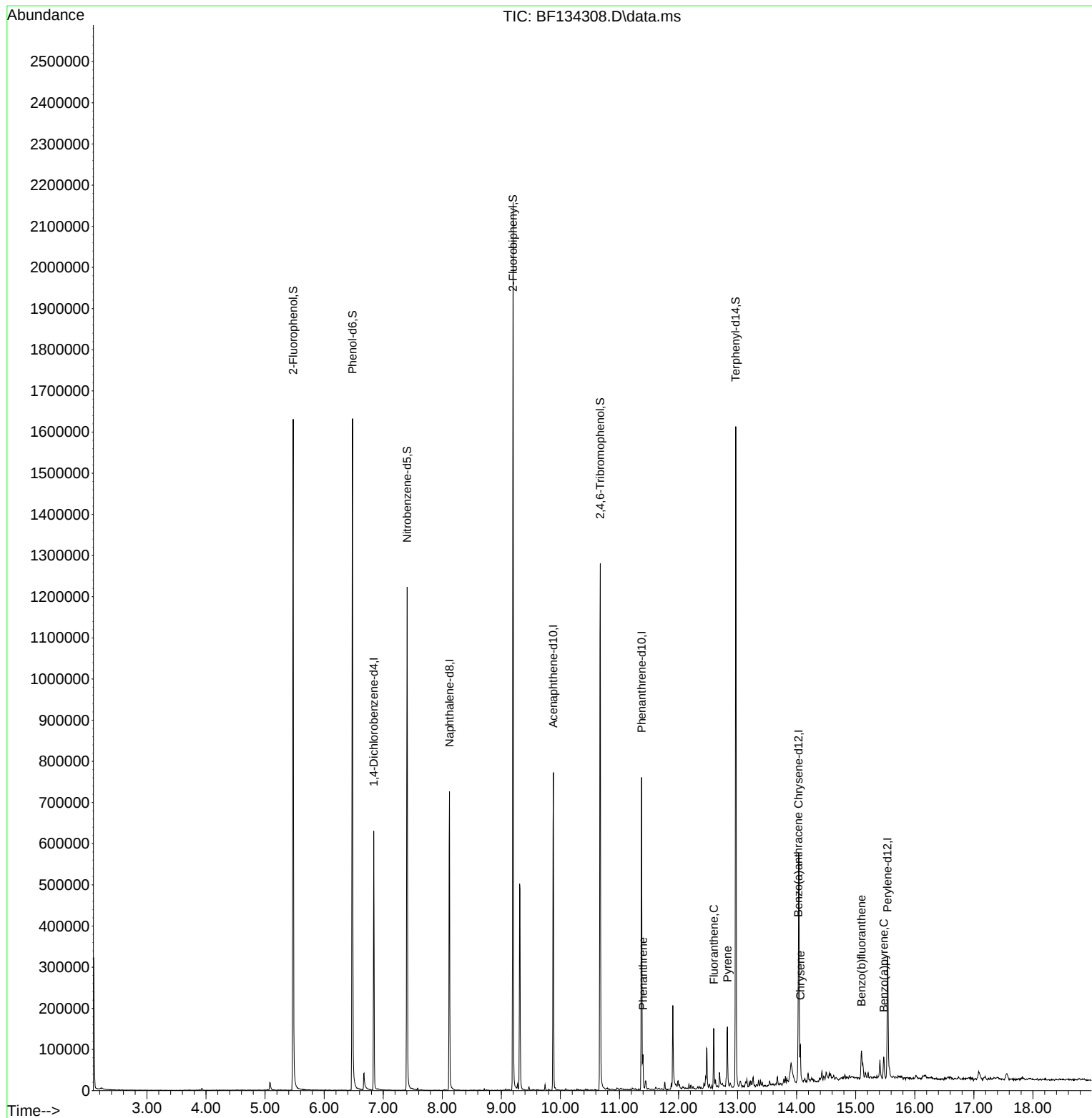
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134308.D
Acq On : 15 Jul 2023 01:30
Operator : CG\JU
Sample : 03597-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

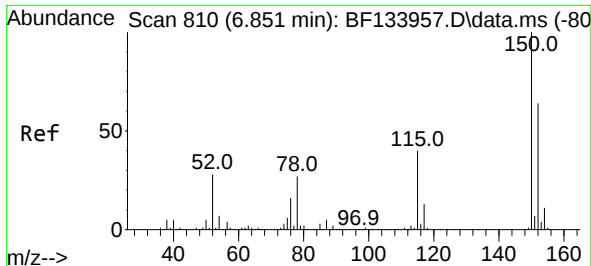
Instrument :
BNA_F
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RB-44-(2-5)

Quant Time: Jul 15 02:59:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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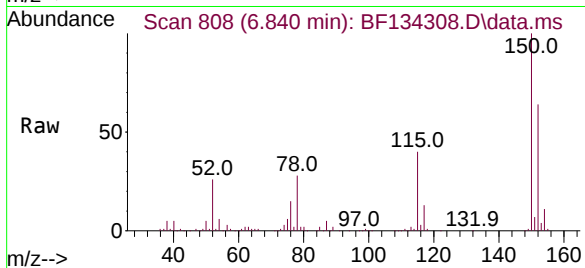
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

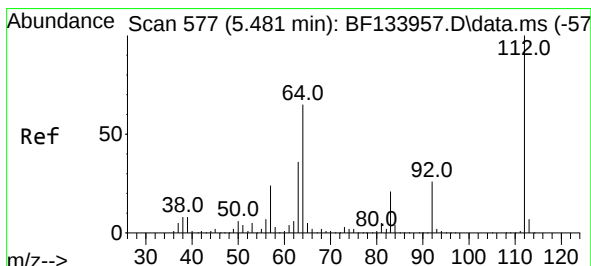
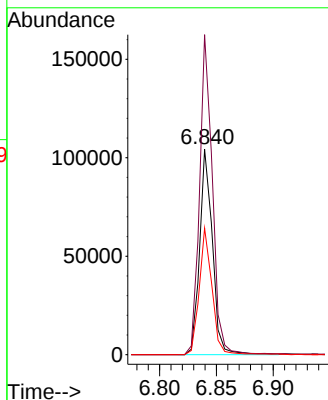
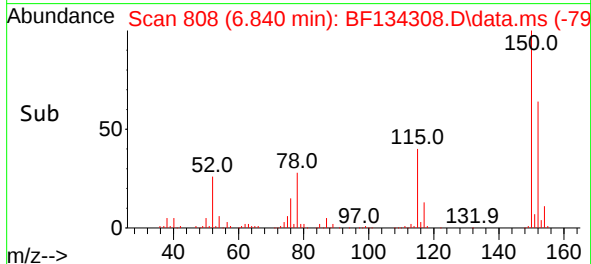
Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)



Tgt Ion:152 Resp: 8192
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 61.6 50.2 75.2

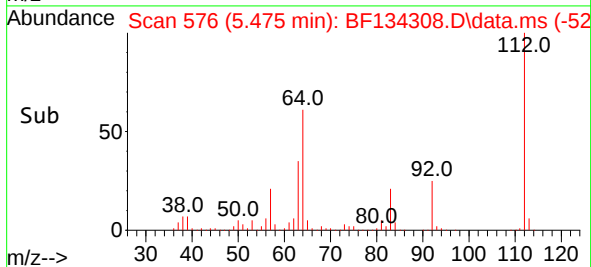
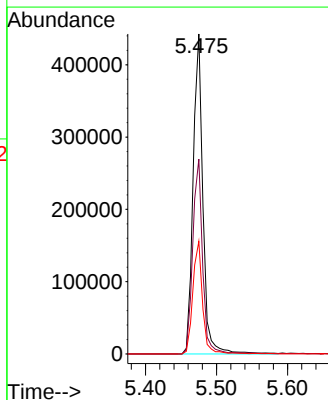
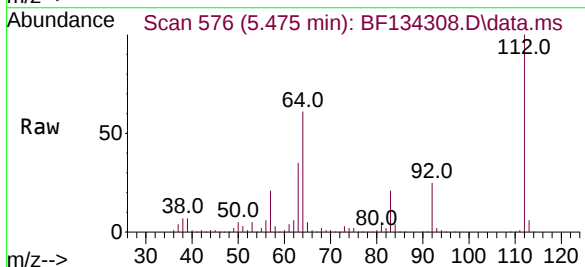
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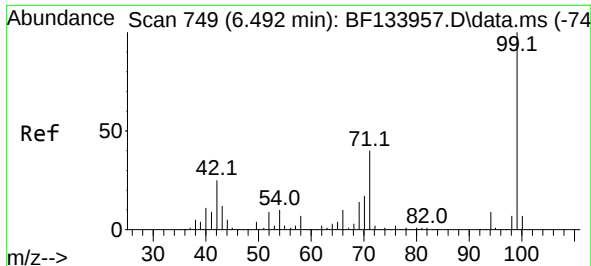
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#5
2-Fluorophenol
Concen: 86.890 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

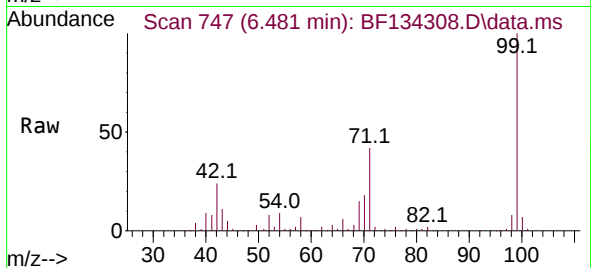
Tgt Ion:112 Resp: 425527
Ion Ratio Lower Upper
112 100
64 60.9 52.1 78.1
63 35.2 28.6 42.8





#7
Phenol-d6
Concen: 82.220 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

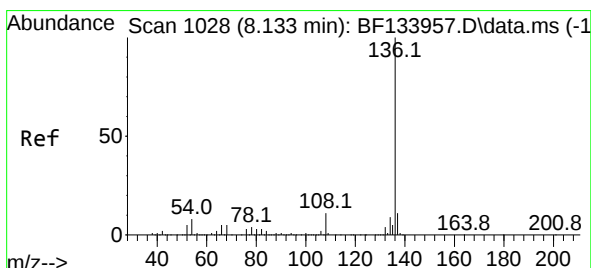
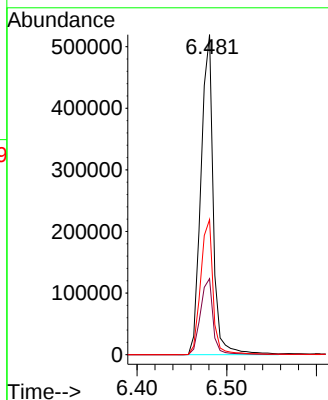
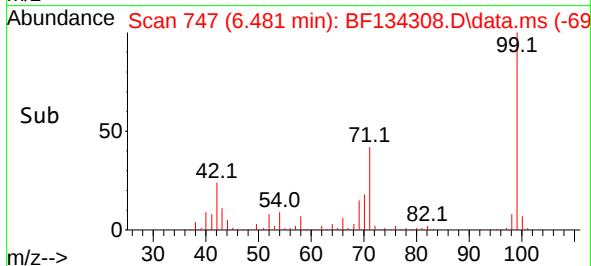
Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)



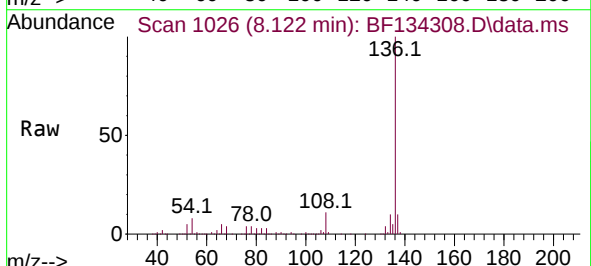
Tgt Ion: 99 Resp: 495192
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 42.2 31.9 47.9

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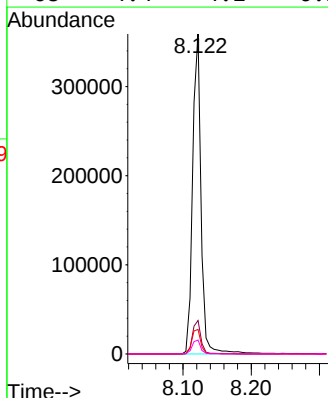
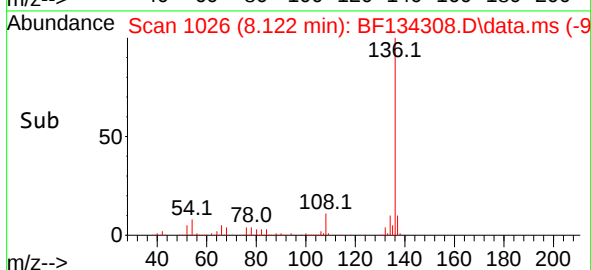
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

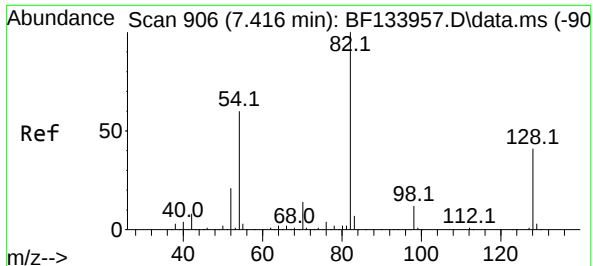


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30



Tgt Ion:136 Resp: 309350
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.6 6.5 9.7
68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 60.021 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134308.D

Acq: 15 Jul 2023 01:30

Instrument :

BNA_F

ClientSampleId :

RB-44-(2-5)

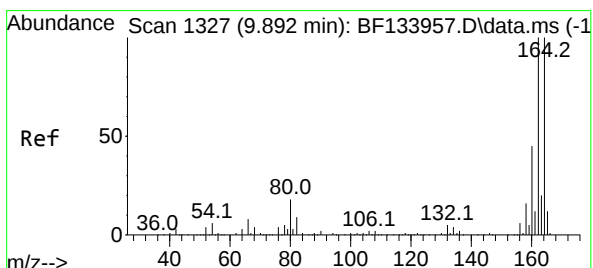
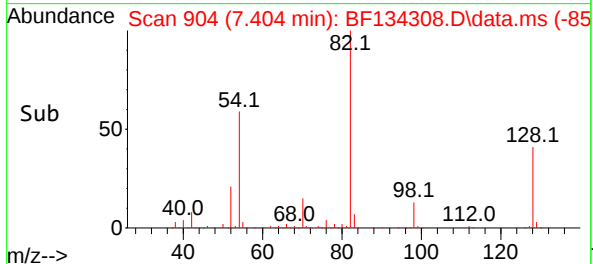
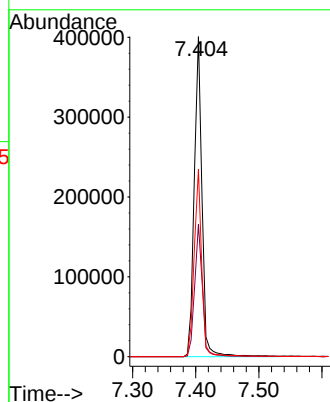
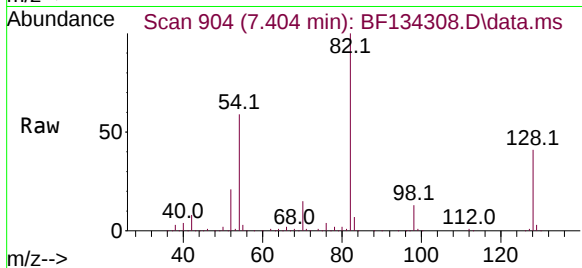
Tgt Ion: 82 Resp: 34444

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.5	48.7
54	58.5	48.2	72.2

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

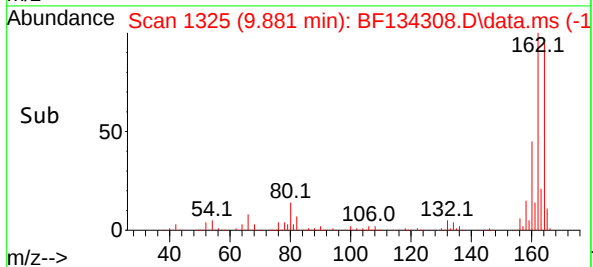
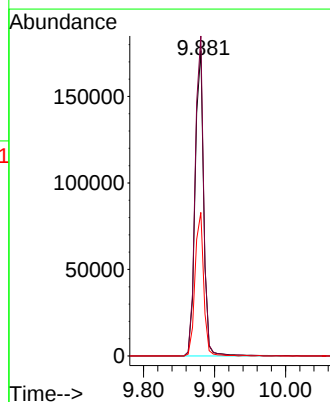
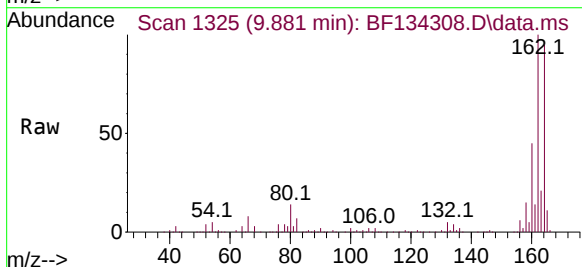
Delta R.T. 0.000 min

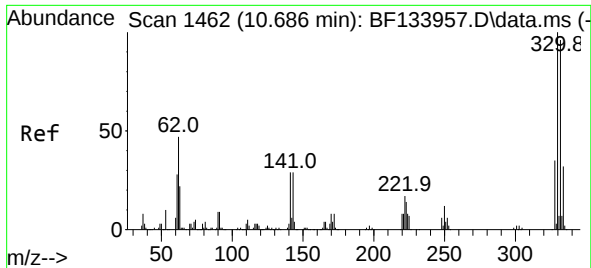
Lab File: BF134308.D

Acq: 15 Jul 2023 01:30

Tgt Ion:164 Resp: 147932

Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.0	120.0
160	47.0	35.9	53.9





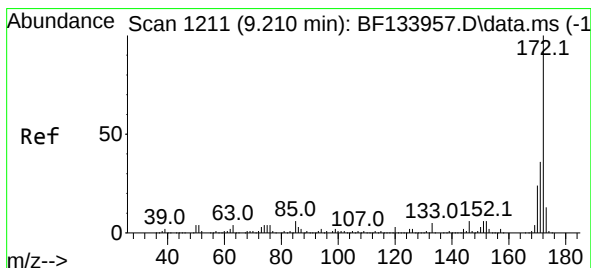
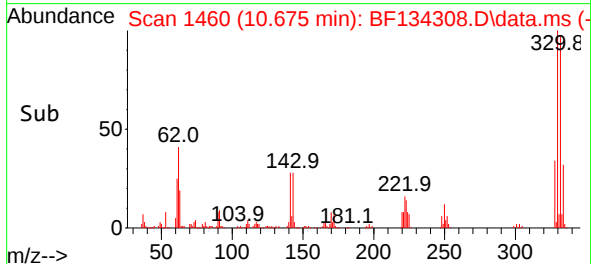
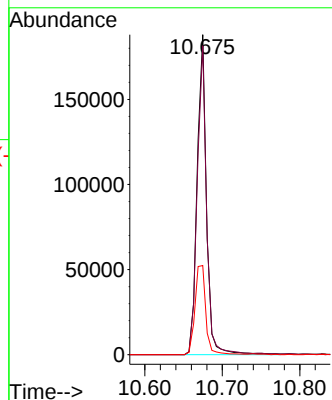
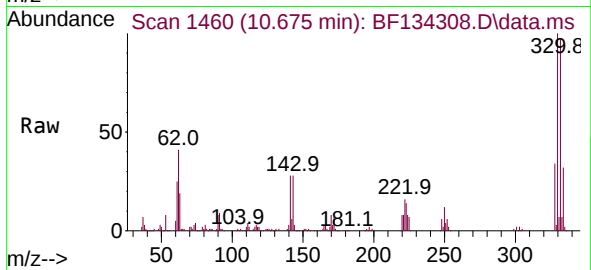
#42
2,4,6-Tribromophenol
Concen: 85.260 ng
RT: 10.675 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)

Tgt Ion:330 Resp: 15813
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 32.2 26.3 39.5

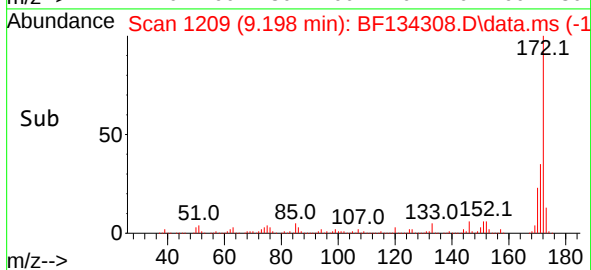
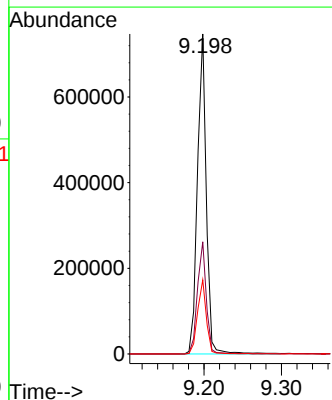
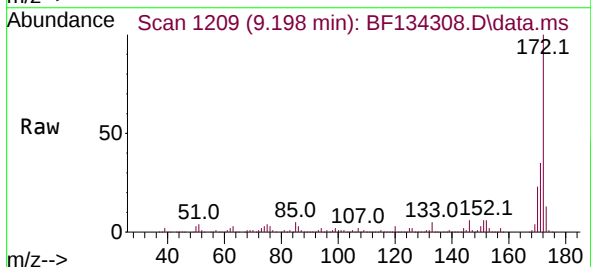
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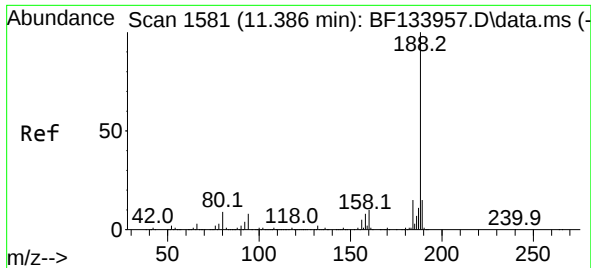
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#45
2-Fluorobiphenyl
Concen: 58.322 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

Tgt Ion:172 Resp: 593418
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.2 19.4 29.0





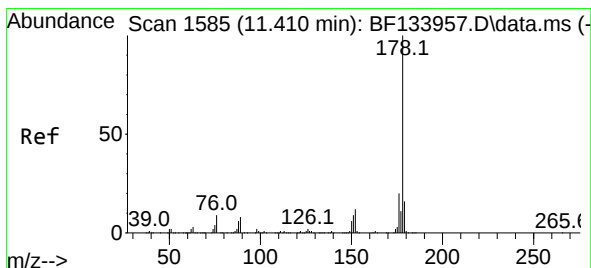
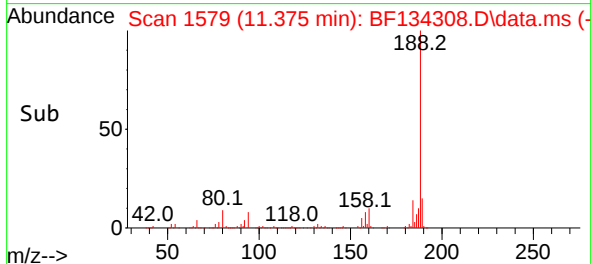
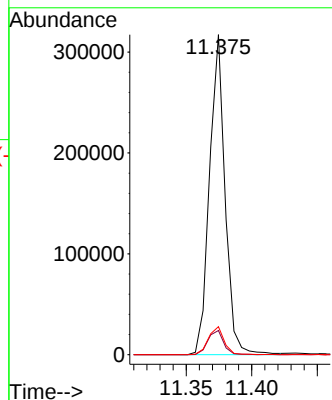
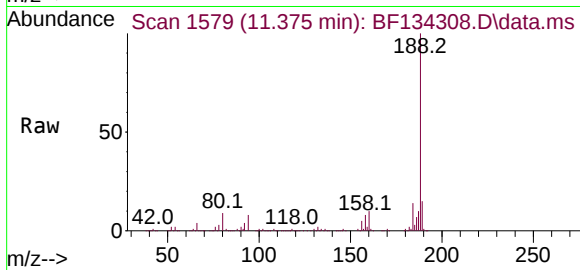
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)

Tgt Ion:188 Resp: 262929
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.8 7.3 10.9

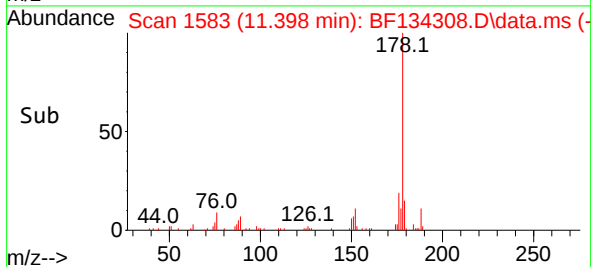
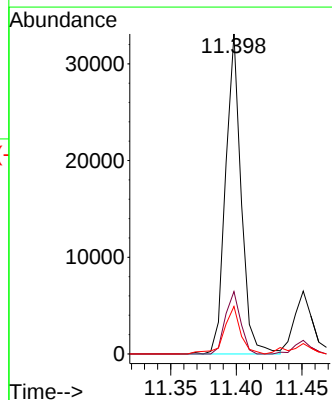
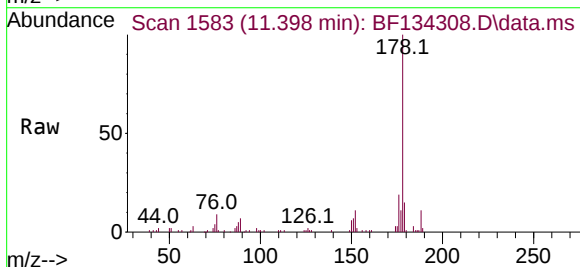
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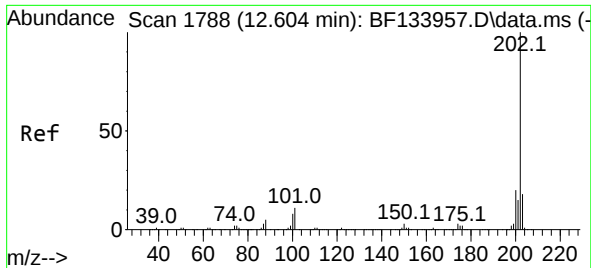
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#71
Phenanthrene
Concen: 2.063 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

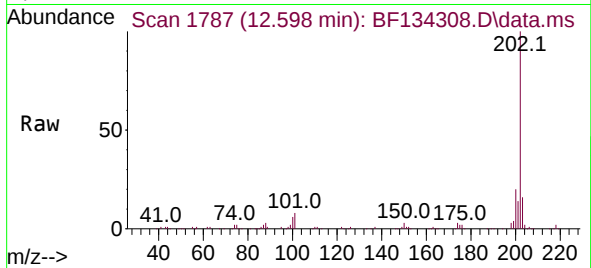
Tgt Ion:178 Resp: 27311
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 14.9 12.4 18.6





#75
Fluoranthene
Concen: 4.398 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

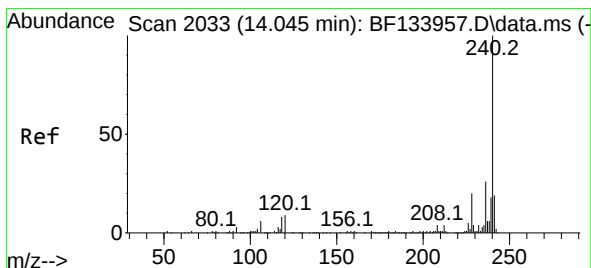
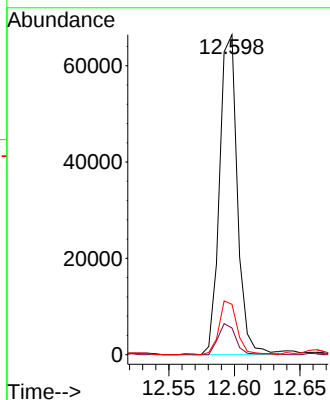
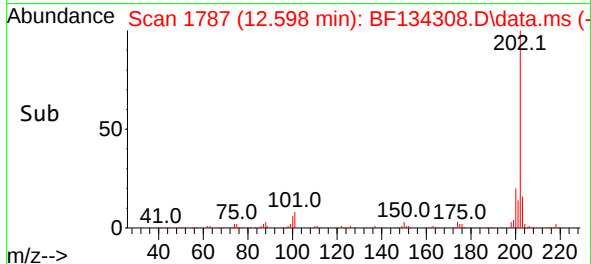
Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)



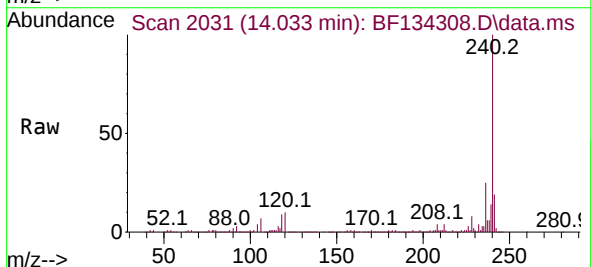
Tgt Ion:202 Resp: 62930
Ion Ratio Lower Upper
202 100
101 8.4 0.0 31.0
203 15.8 0.0 37.6

Manual Integrations
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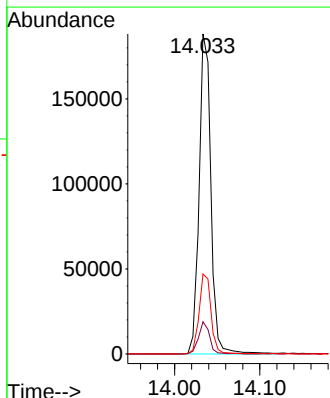
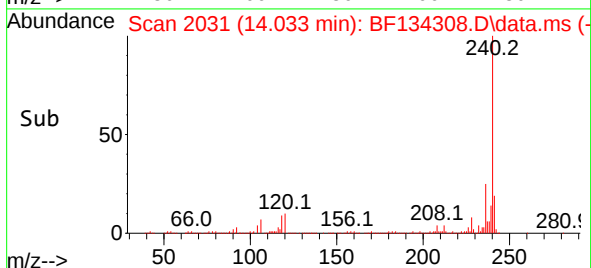
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

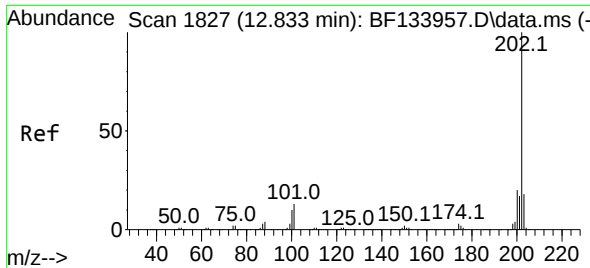


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30



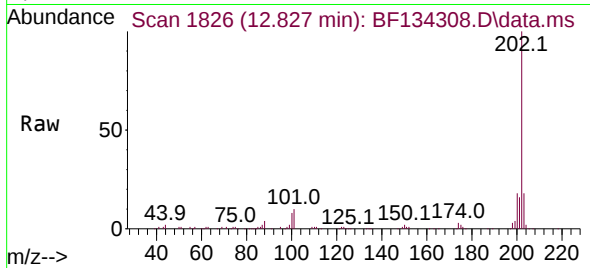
Tgt Ion:240 Resp: 180519
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 25.0 21.0 31.6





#78
Pyrene
Concen: 3.713 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

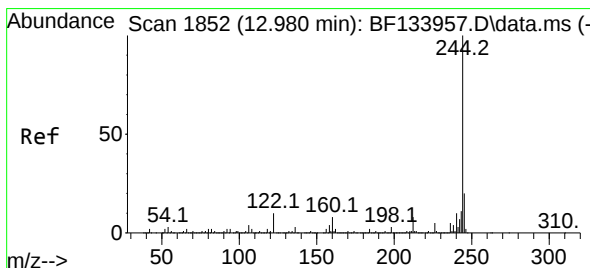
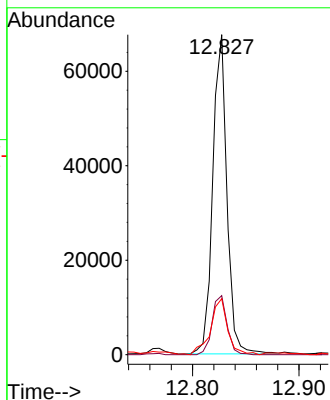
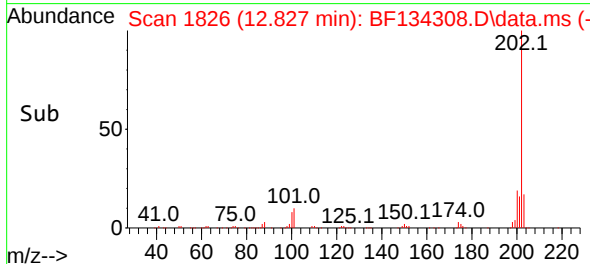
Instrument :
BNA_F
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RB-44-(2-5)



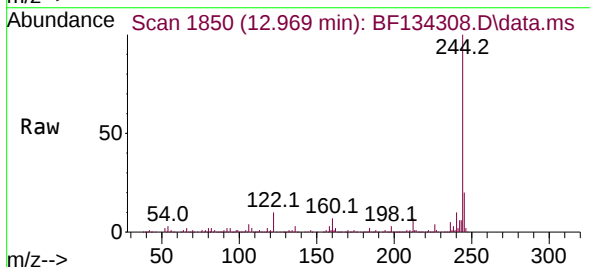
Tgt Ion:202 Resp: 62370
Ion Ratio Lower Upper
202 100
200 18.4 16.1 24.1
203 17.5 14.3 21.5

Manual Integrations
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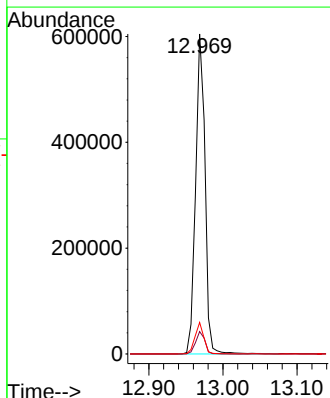
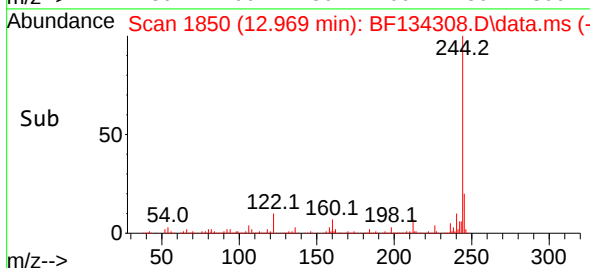
Reviewed By :Jagrut Upadhyay 07/15/2023
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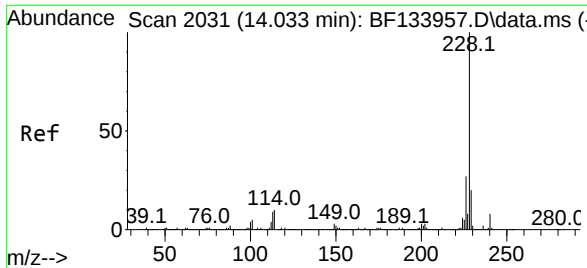


#79
Terphenyl-d14
Concen: 47.367 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30



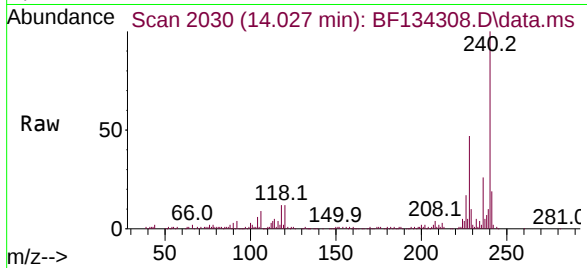
Tgt Ion:244 Resp: 531290
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.8 8.3 12.5





#81
Benzo(a)anthracene
Concen: 2.791 ng m
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

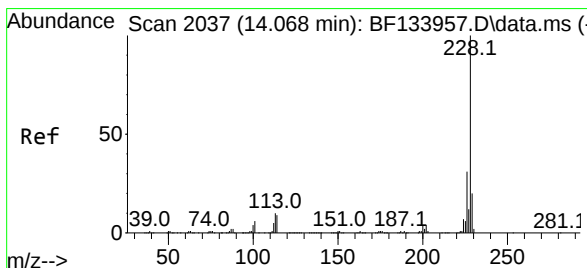
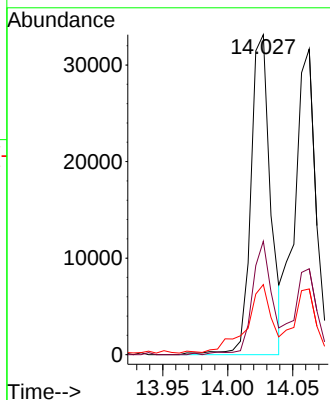
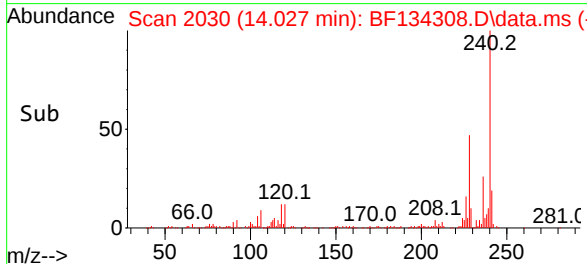
Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)



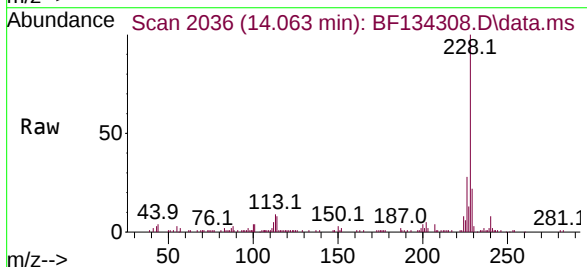
Tgt Ion:228 Resp: 34940
Ion Ratio Lower Upper
228 100
226 35.4 22.0 33.0
229 21.9 16.3 24.5

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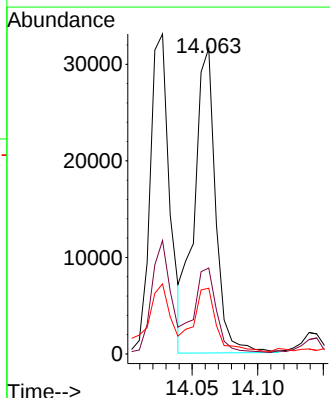
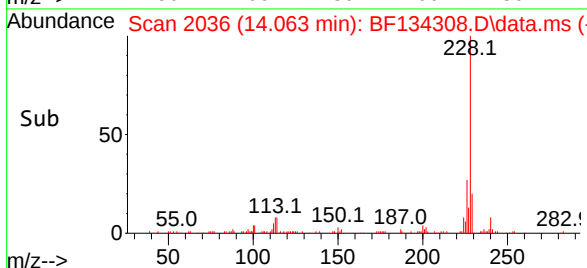
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

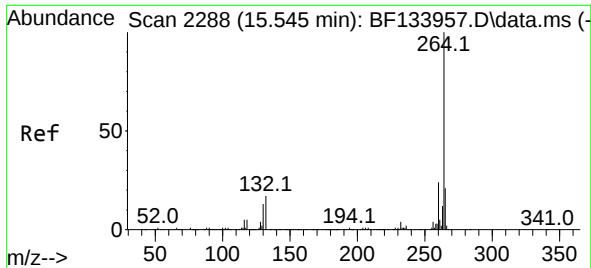


#83
Chrysene
Concen: 2.971 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30



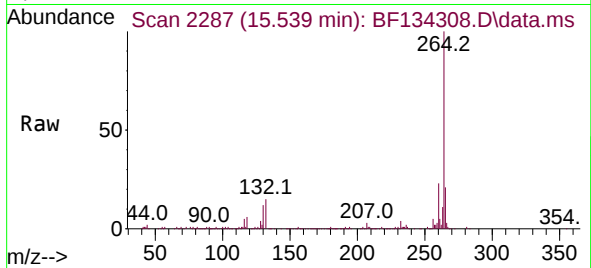
Tgt Ion:228 Resp: 36026
Ion Ratio Lower Upper
228 100
226 28.1 24.4 36.6
229 21.5 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

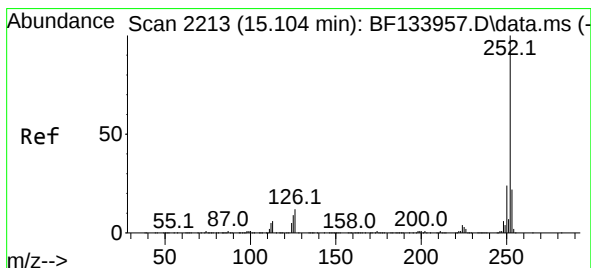
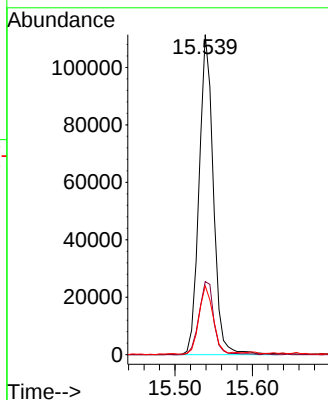
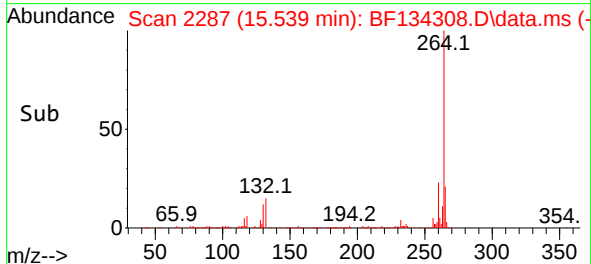
Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)



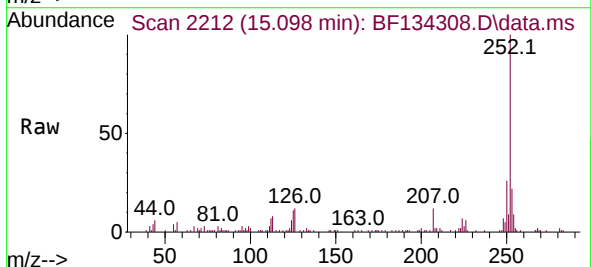
Tgt Ion:264 Resp: 142410
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.5 16.6 25.0

Manual Integrations
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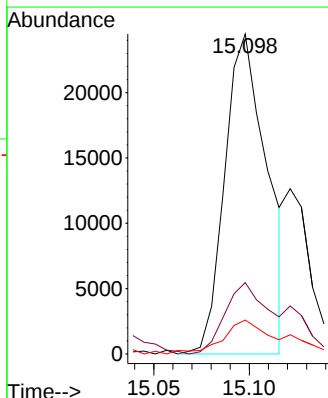
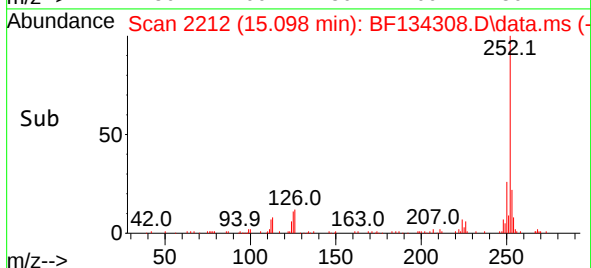
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

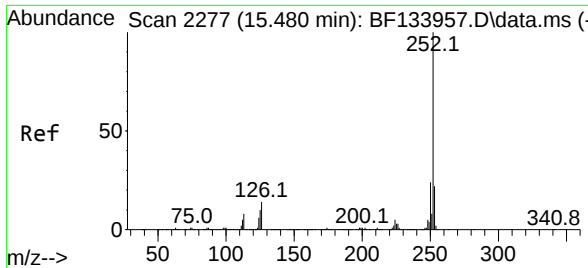


#88
Benzo(b)fluoranthene
Concen: 4.493 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30



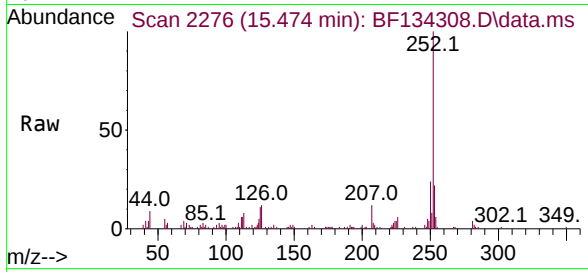
Tgt Ion:252 Resp: 37620
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.6 7.1 10.7





#90
Benzo(a)pyrene
Concen: 3.298 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134308.D
Acq: 15 Jul 2023 01:30

Instrument :
BNA_F
ClientSampleId :
RB-44-(2-5)



Tgt Ion:252 Resp: 2670
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

