

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134137.D
 Acq On : 07 Jul 2023 14:41
 Operator : CG\JU
 Sample : 03393-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SF-9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 23:04:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	105658	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	408289	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	197166	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	383593	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	244971	20.000	ng	-0.02
86) Perylene-d12	15.539	264	205976	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	581492	92.061	ng	0.00
7) Phenol-d6	6.481	99	709691	91.362	ng	-0.01
23) Nitrobenzene-d5	7.404	82	475927	62.835	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	209712	84.833	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	869152	64.091	ng	0.00
79) Terphenyl-d14	12.974	244	842625	55.359	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.592	202	92404	4.426	ng	100
78) Pyrene	12.827	202	80746	3.542	ng	100
81) Benzo(a)anthracene	14.021	228	47587	2.801	ng	99
83) Chrysene	14.063	228	46103	2.802	ng	97
88) Benzo(b)fluoranthene	15.092	252	46071m	3.804	ng	
90) Benzo(a)pyrene	15.474	252	30954	2.643	ng	# 96

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

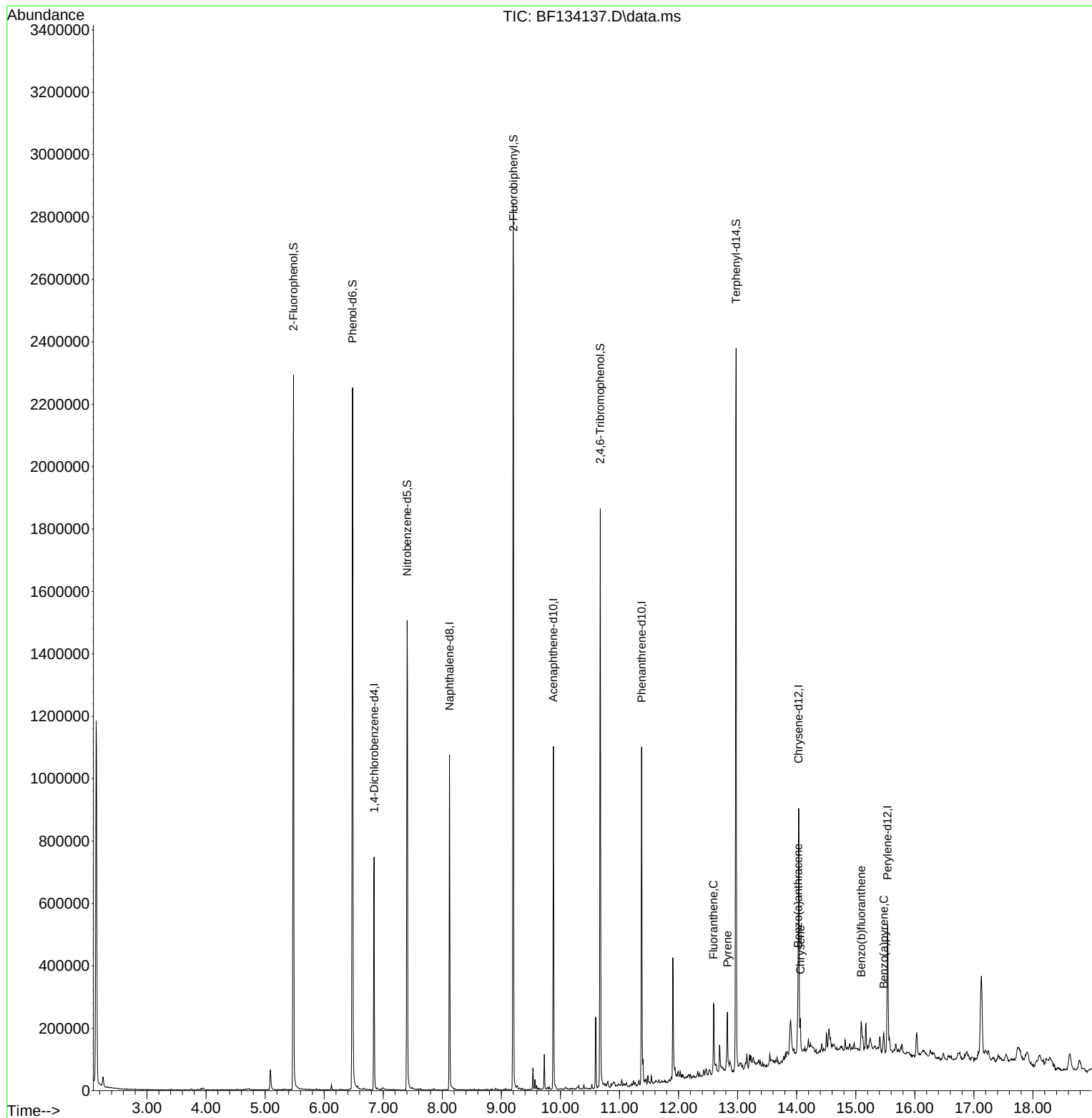
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134137.D
Acq On : 07 Jul 2023 14:41
Operator : CG\JU
Sample : 03393-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

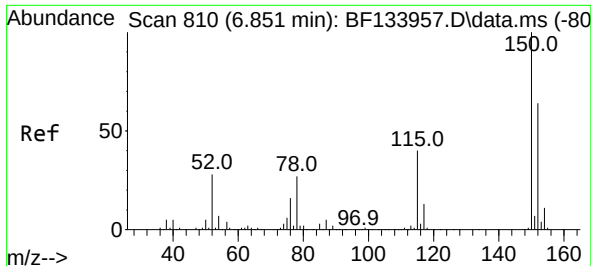
Instrument :
BNA_F
ClientSampleId :
SF-9

Quant Time: Jul 07 23:04:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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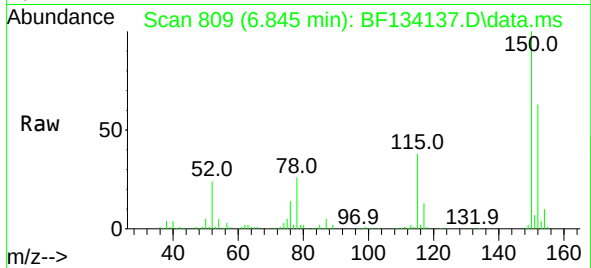
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

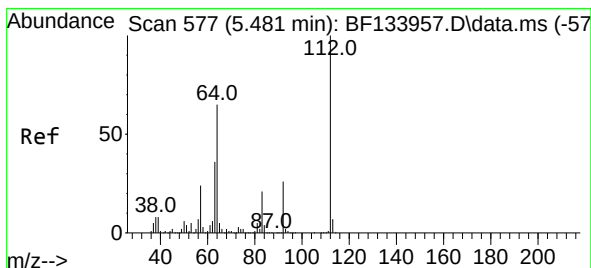
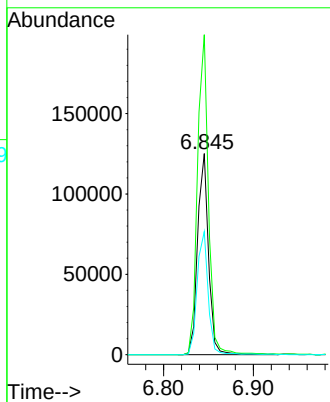
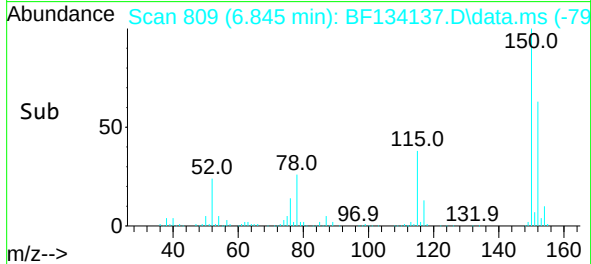
Instrument :
BNA_F
ClientSampleId :
SF-9



Tgt Ion:152 Resp: 105658
Ion Ratio Lower Upper
152 100
150 159.0 124.5 186.7
115 61.2 50.2 75.2

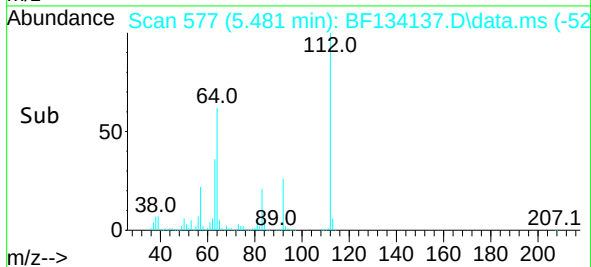
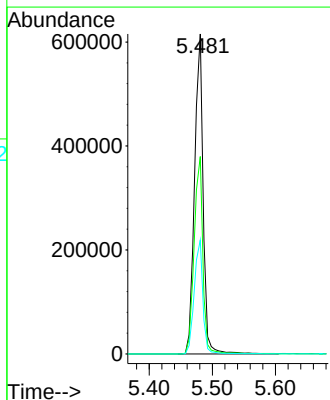
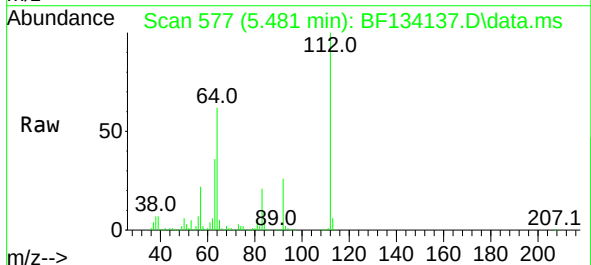
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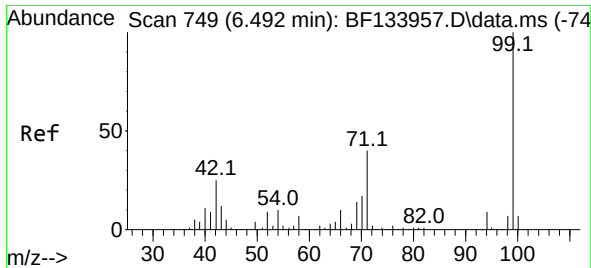
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#5
2-Fluorophenol
Concen: 92.061 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

Tgt Ion:112 Resp: 581492
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 35.6 28.6 42.8





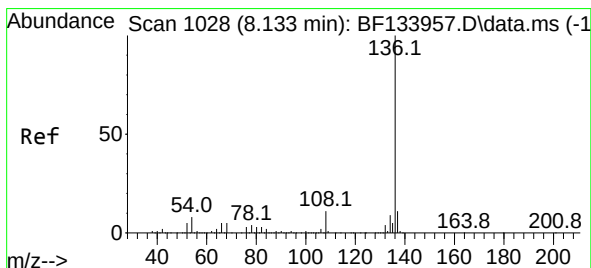
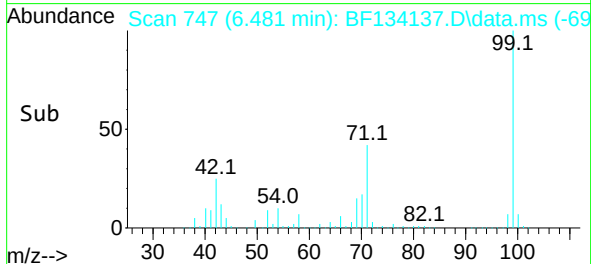
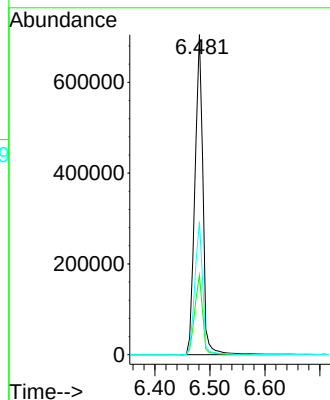
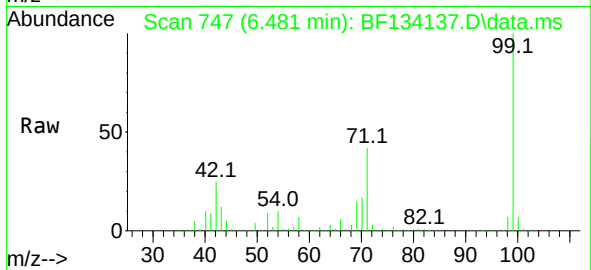
#7
Phenol-d6
Concen: 91.362 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

Instrument :
BNA_F
ClientSampleId :
SF-9

Tgt Ion: 99 Resp: 70969
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 41.6 31.9 47.9

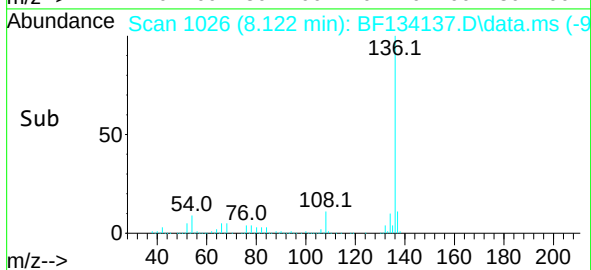
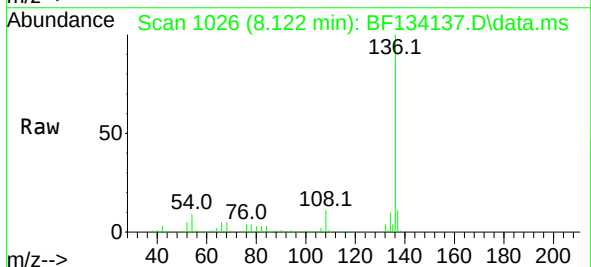
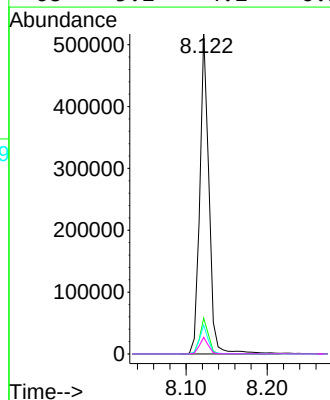
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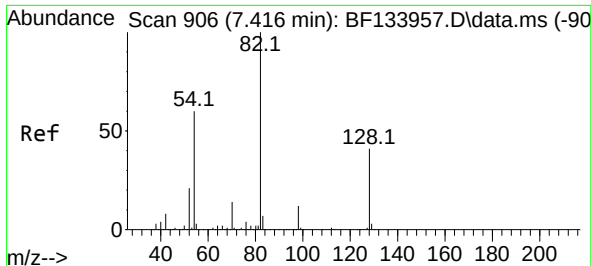
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

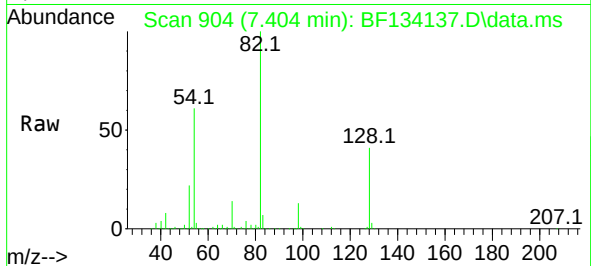
Tgt Ion:136 Resp: 408289
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.0 6.5 9.7
68 5.2 4.2 6.2





#23
Nitrobenzene-d5
Concen: 62.835 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

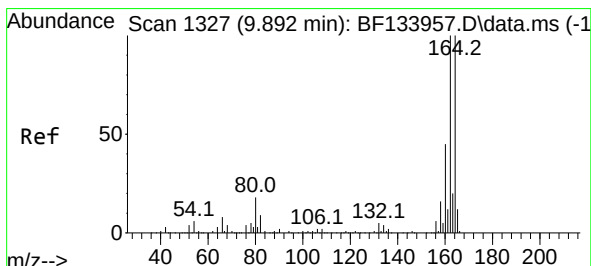
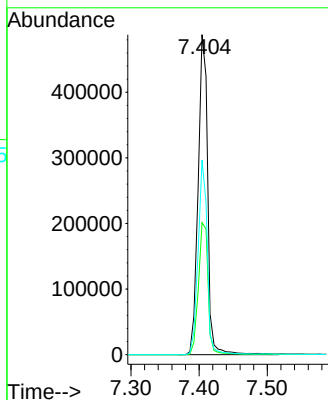
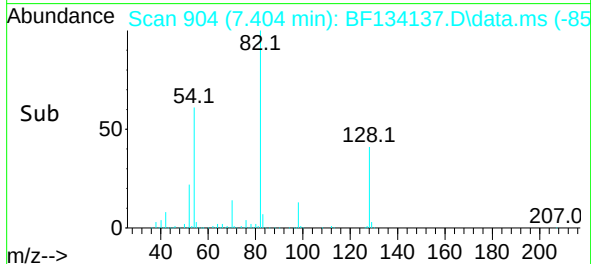
Instrument :
BNA_F
ClientSampleId :
SF-9



Tgt Ion: 82 Resp: 47592
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 60.8 48.2 72.2

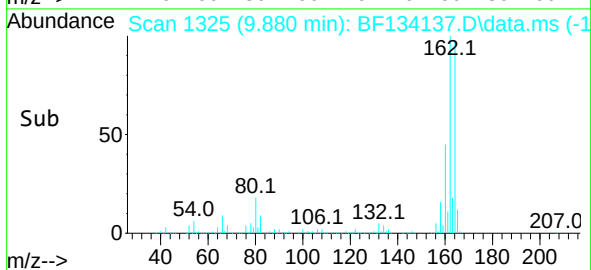
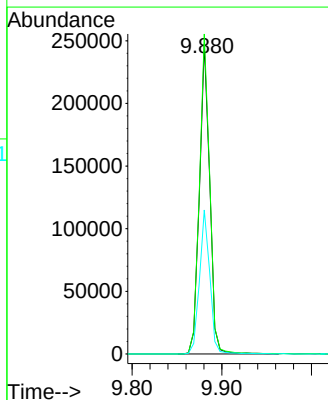
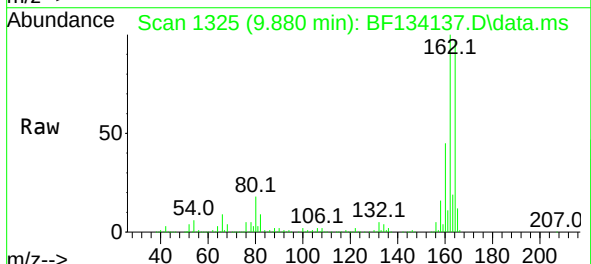
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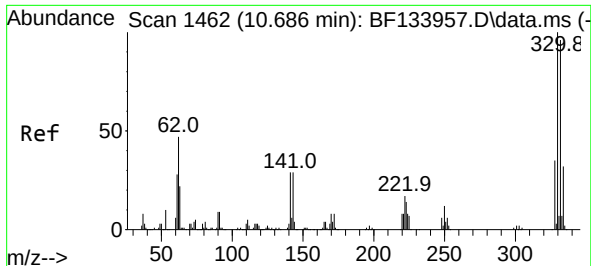
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

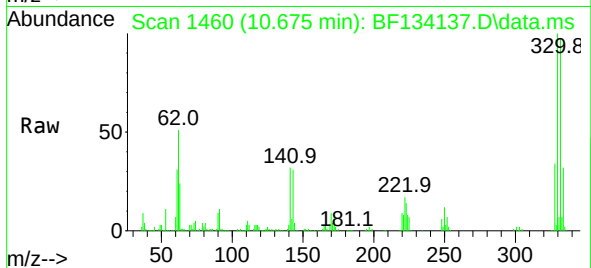
Tgt Ion:164 Resp: 197166
Ion Ratio Lower Upper
164 100
162 103.3 80.0 120.0
160 46.5 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 84.833 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

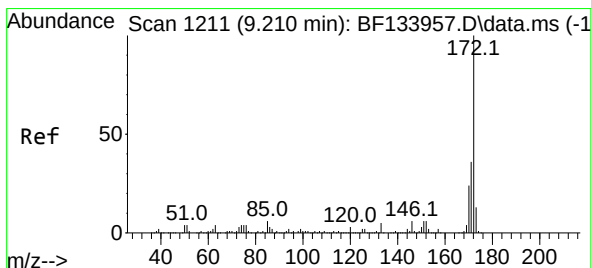
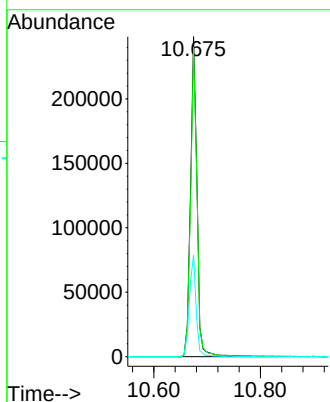
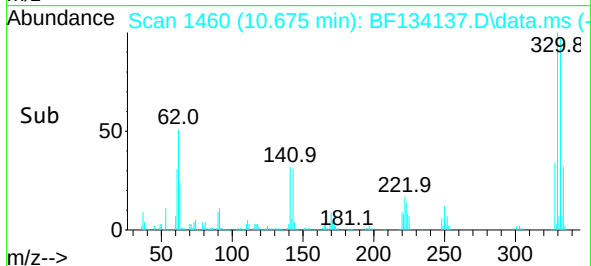
Instrument :
BNA_F
ClientSampleId :
SF-9



Tgt Ion: 330 Resp: 209712
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.7 26.3 39.5

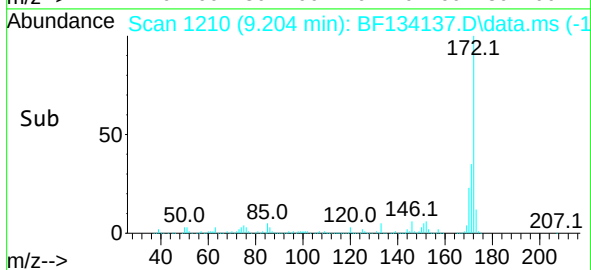
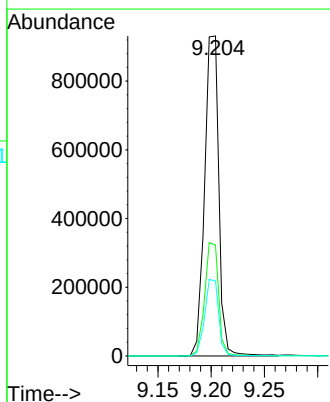
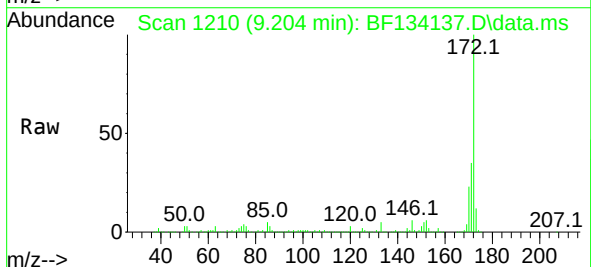
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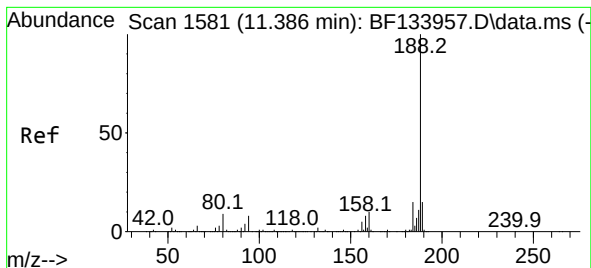
Reviewed By : Yogesh Patel 07/09/2023
Supervised By : mohammad ahmed 07/09/2023



#45
2-Fluorobiphenyl
Concen: 64.091 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

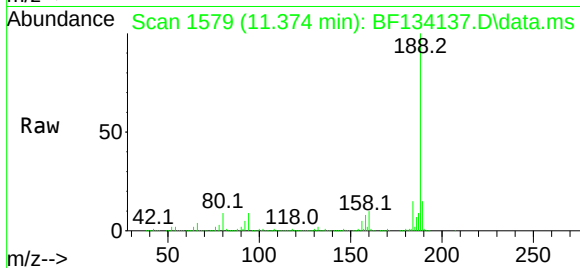
Tgt Ion: 172 Resp: 869152
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.5 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11374
Delta R.T. -0.012 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

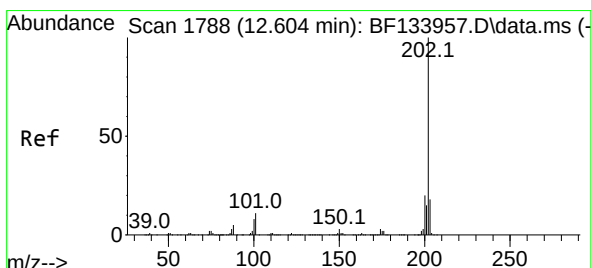
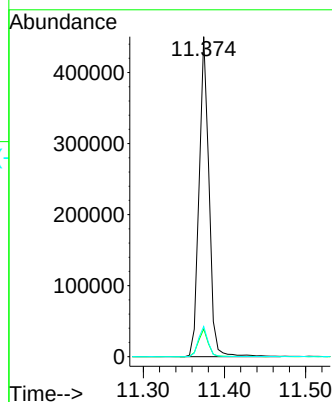
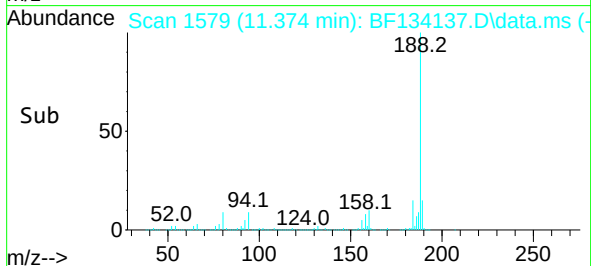
Instrument :
BNA_F
ClientSampleId :
SF-9



Tgt Ion:188 Resp: 38359
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.5 7.3 10.9

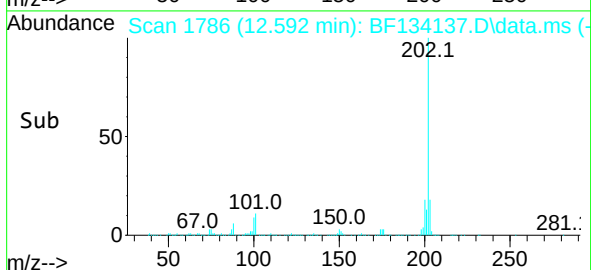
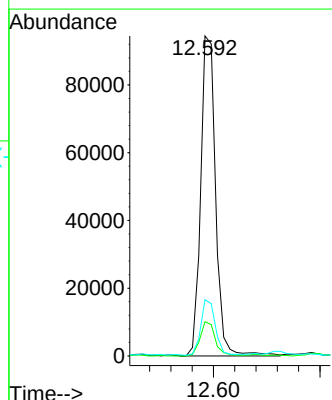
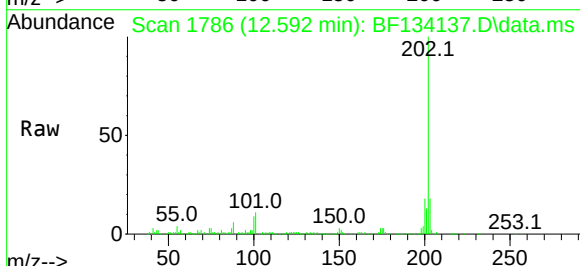
Manual Integrations
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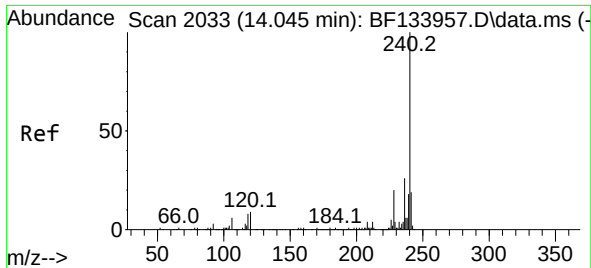
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#75
Fluoranthene
Concen: 4.426 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.018 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

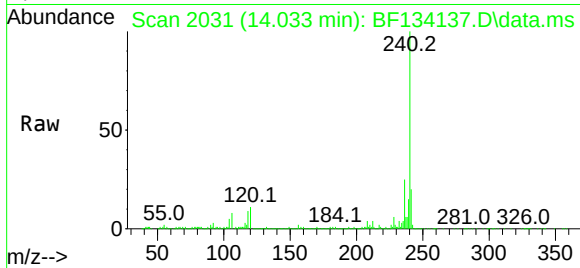
Tgt Ion:202 Resp: 92404
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.0
203 17.6 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

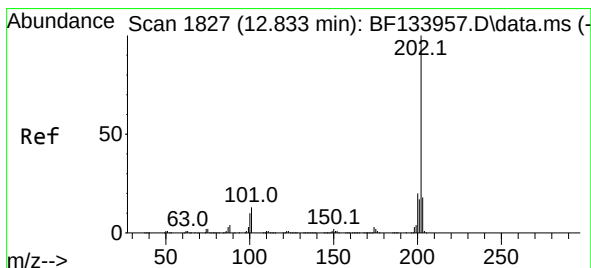
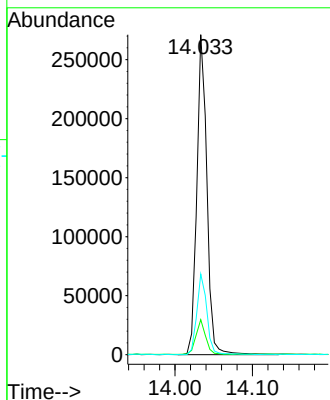
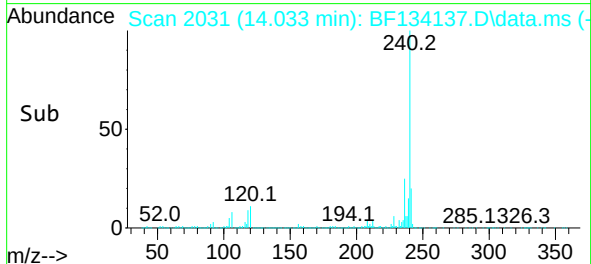
Instrument :
BNA_F
ClientSampleId :
SF-9



Tgt Ion:240 Resp: 24497
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.0
236 25.2 21.0 31.6

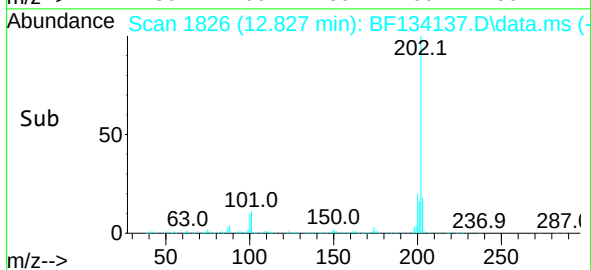
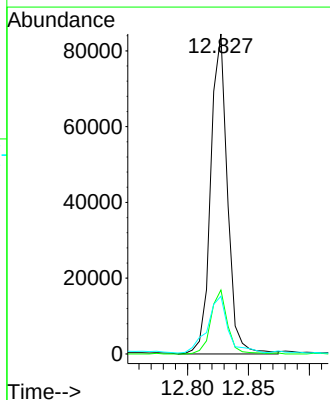
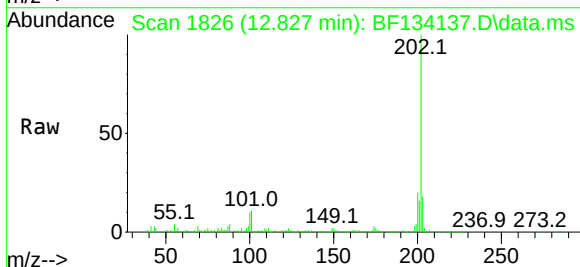
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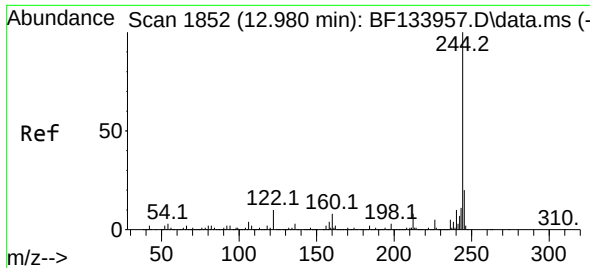
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#78
Pyrene
Concen: 3.542 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

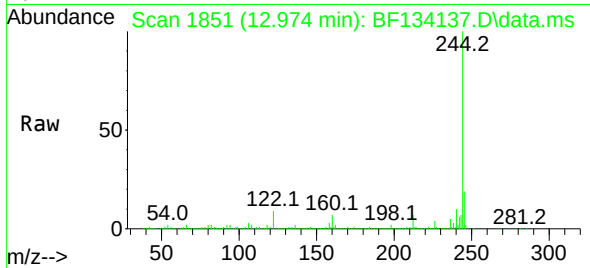
Tgt Ion:202 Resp: 80746
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 18.0 14.3 21.5





#79
 Terphenyl-d14
 Concen: 55.359 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134137.D
 Acq: 07 Jul 2023 14:41

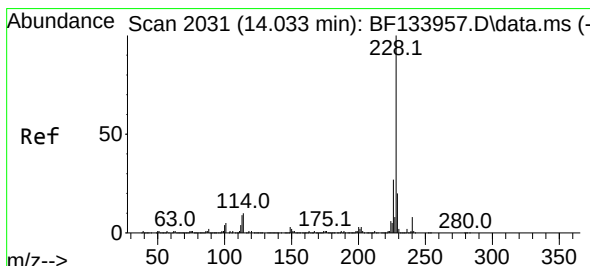
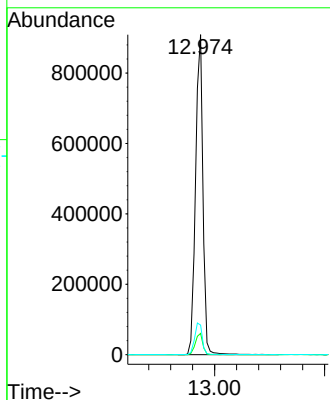
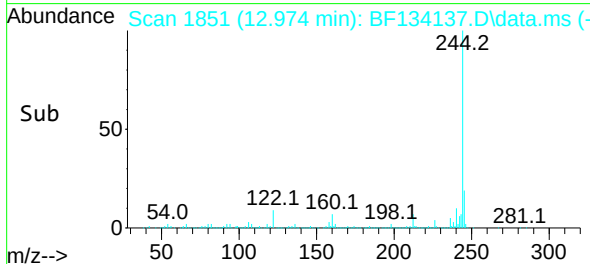
Instrument :
 BNA_F
 ClientSampleId :
 SF-9



Tgt Ion:244 Resp: 842629
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 9.3 8.3 12.5

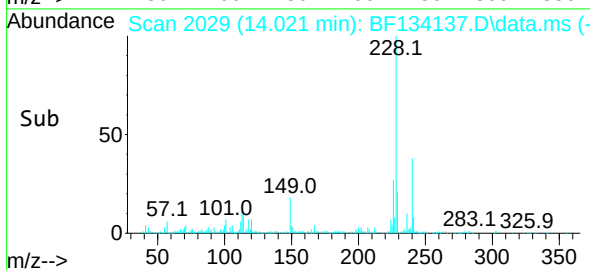
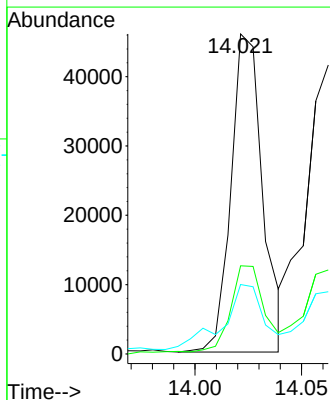
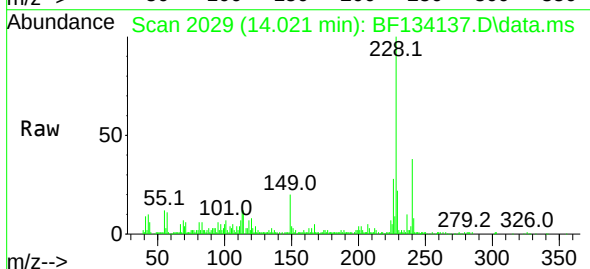
Manual Integrations
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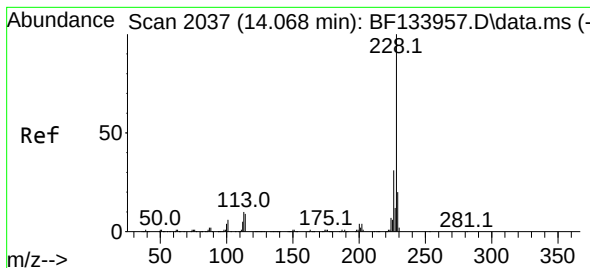
Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023



#81
 Benzo(a)anthracene
 Concen: 2.801 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.018 min
 Lab File: BF134137.D
 Acq: 07 Jul 2023 14:41

Tgt Ion:228 Resp: 47587
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.0 33.0
 229 21.7 16.3 24.5





#83

Chrysene

Concen: 2.802 ng

RT: 14.063 min Scan# 2037

Delta R.T. -0.012 min

Lab File: BF134137.D

Acq: 07 Jul 2023 14:41

Instrument :

BNA_F

ClientSampleId :

SF-9

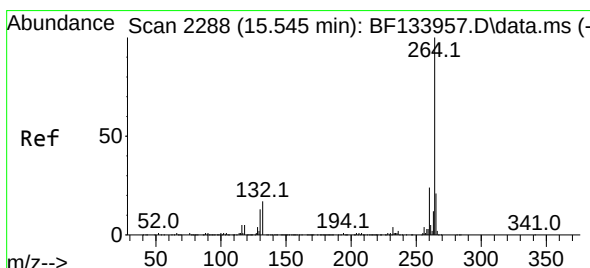
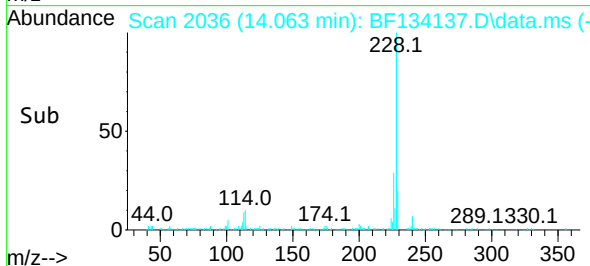
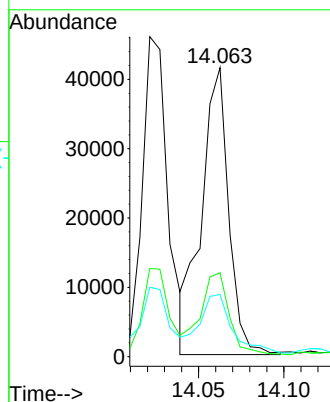
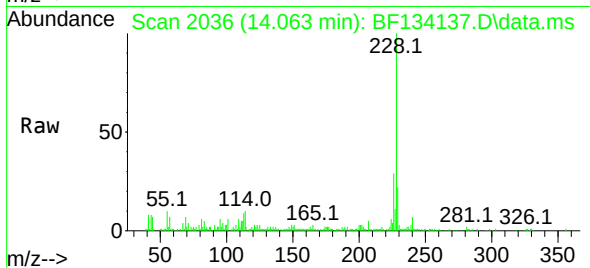
Tgt Ion:228	Resp: 4610
Ion Ratio	Lower Upper
228 100	
226 29.1	24.4 36.6
229 21.5	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#86

Perylene-d12

Concen: 20.000 ng

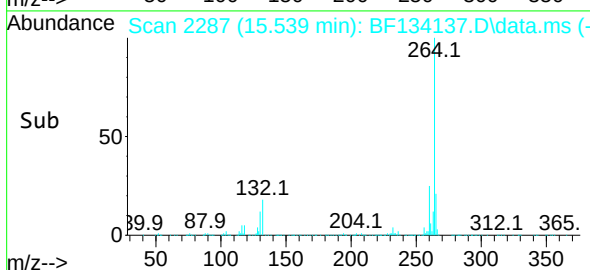
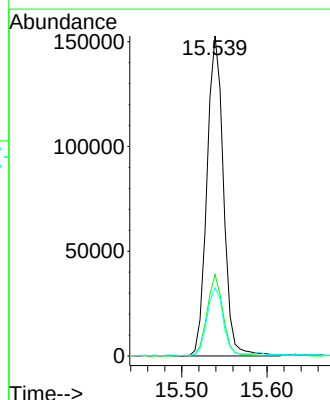
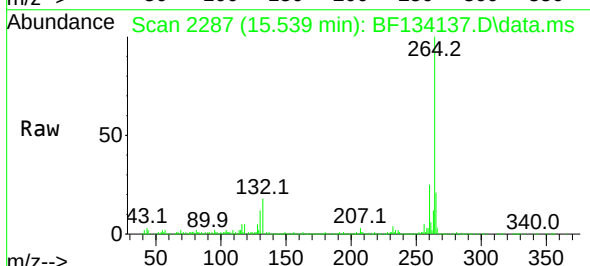
RT: 15.539 min Scan# 2287

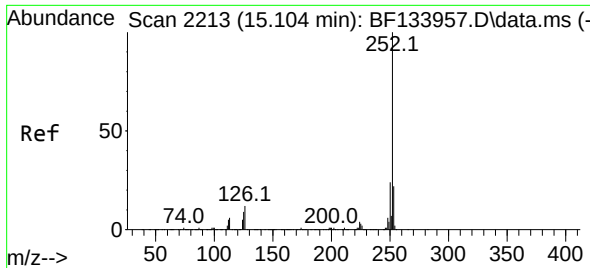
Delta R.T. -0.012 min

Lab File: BF134137.D

Acq: 07 Jul 2023 14:41

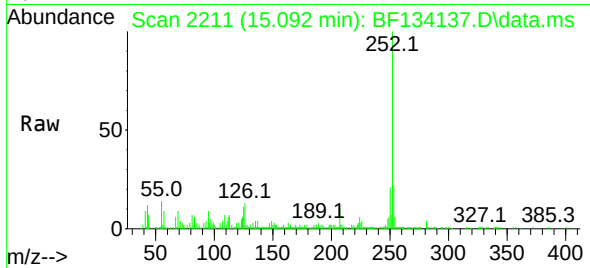
Tgt Ion:264	Resp: 205976
Ion Ratio	Lower Upper
264 100	
260 25.5	19.5 29.3
265 21.3	16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 3.804 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

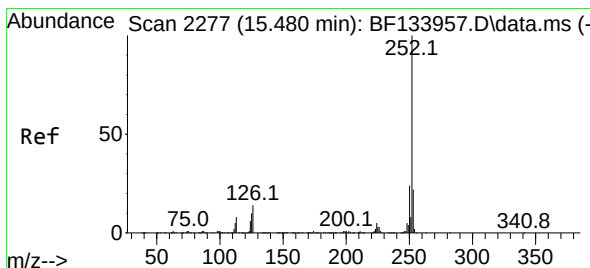
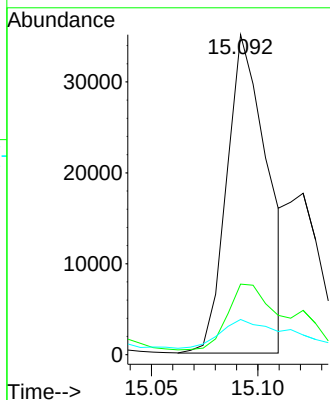
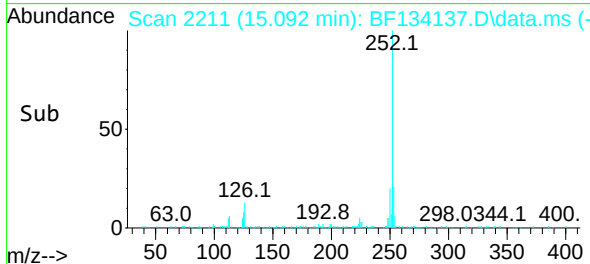
Instrument :
BNA_F
ClientSampleId :
SF-9



Tgt Ion:252 Resp: 4607
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.0 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#90
Benzo(a)pyrene
Concen: 2.643 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BF134137.D
Acq: 07 Jul 2023 14:41

Tgt Ion:252 Resp: 30954
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 14.0 8.4 12.6

