

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137567.D
 Acq On : 11 Mar 2024 20:49
 Operator : CG\JU
 Sample : P1701-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-2-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 02:08:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	222176	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	838941	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	394470	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	534915	20.000	ng	0.00
76) Chrysene-d12	14.092	240	426941	20.000	ng	0.00
86) Perylene-d12	15.645	264	345132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1256056	85.623	ng	0.00
7) Phenol-d6	6.545	99	1696425	80.114	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1014350	56.179	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	240165	69.329	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1585949	62.935	ng	0.00
79) Terphenyl-d14	13.033	244	1287090	41.455	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.451	178	139783	4.802	ng	99
75) Fluoranthene	12.651	202	197337	6.935	ng	97
78) Pyrene	12.880	202	193715	4.624	ng	98
81) Benzo(a)anthracene	14.080	228	96567	3.227	ng	97
83) Chrysene	14.115	228	91171	3.015	ng	98
88) Benzo(b)fluoranthene	15.180	252	88377m	4.329	ng	
90) Benzo(a)pyrene	15.574	252	58549	2.910	ng	# 90

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

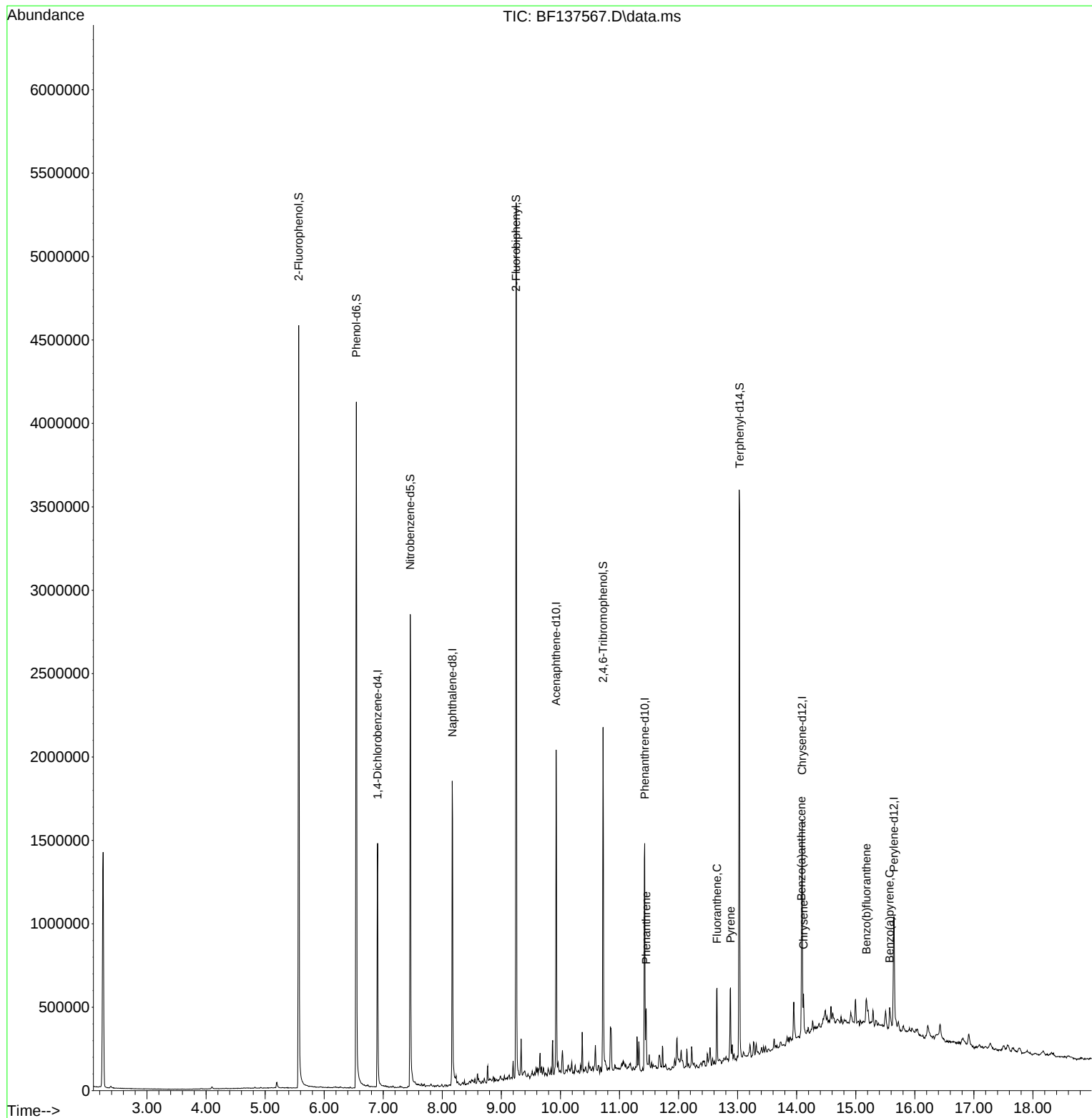
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137567.D
Acq On : 11 Mar 2024 20:49
Operator : CG\JU
Sample : P1701-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

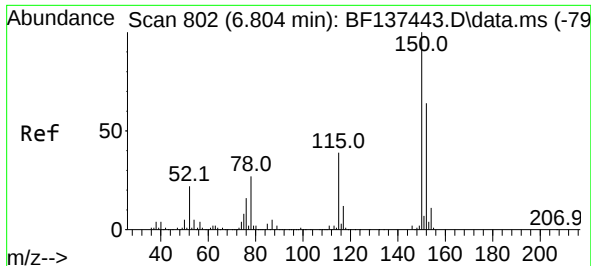
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

Quant Time: Mar 12 02:08:10 2024
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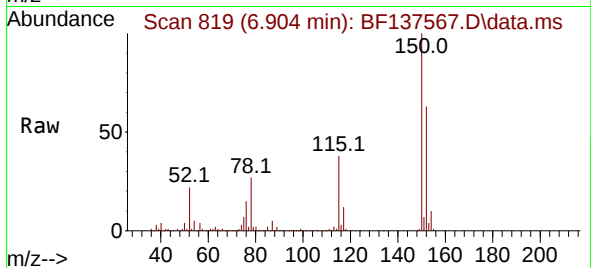
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

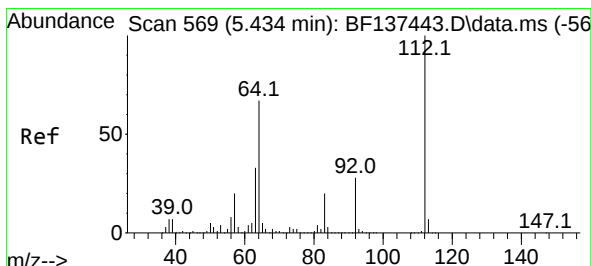
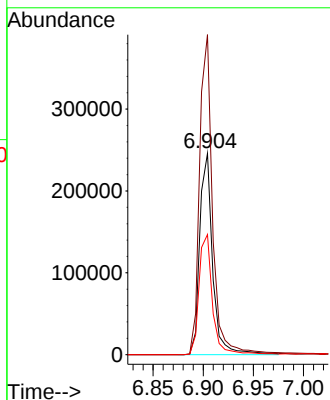
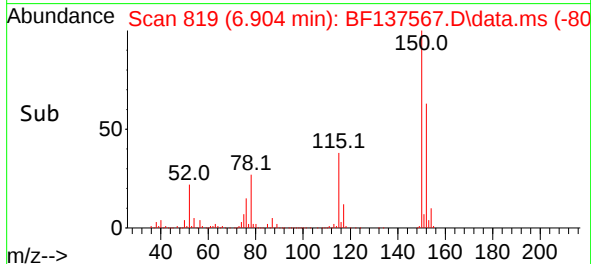
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP



Tgt Ion:152 Resp: 222170
Ion Ratio Lower Upper
152 100
150 159.0 125.8 188.6
115 59.7 48.8 73.2

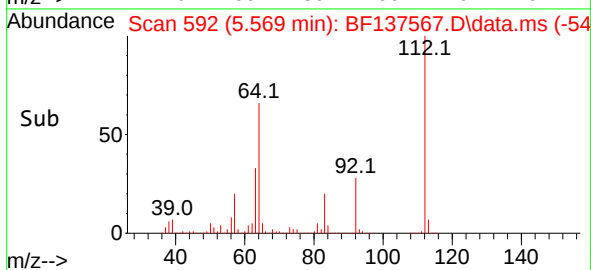
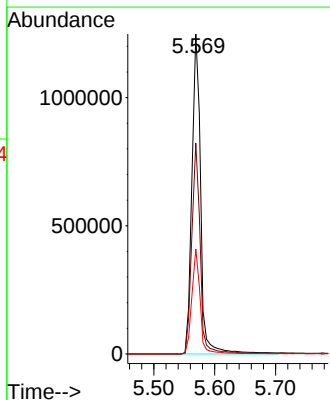
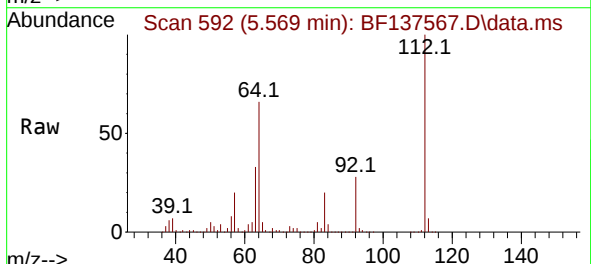
Manual Integrations
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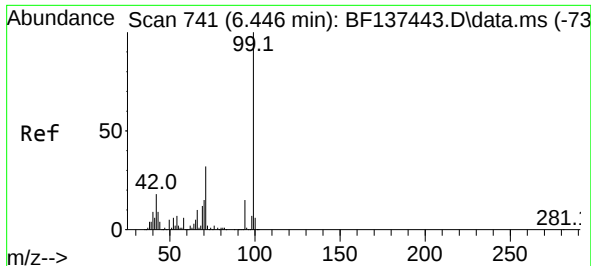
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#5
2-Fluorophenol
Concen: 85.623 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Tgt Ion:112 Resp: 1256056
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.2
63 32.8 26.2 39.2





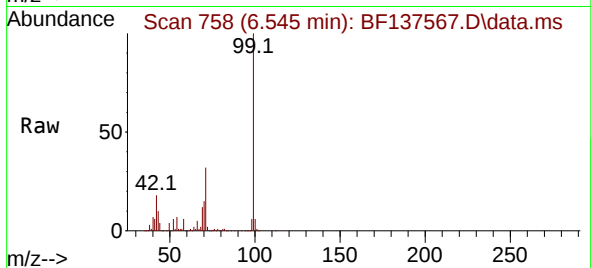
#7
Phenol-d6
Concen: 80.114 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP



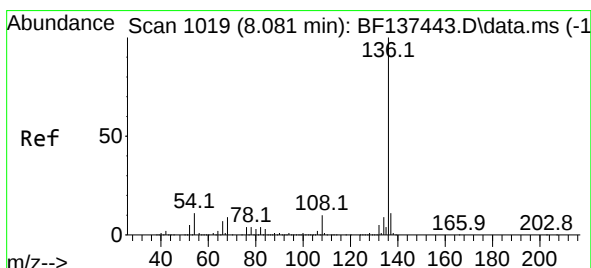
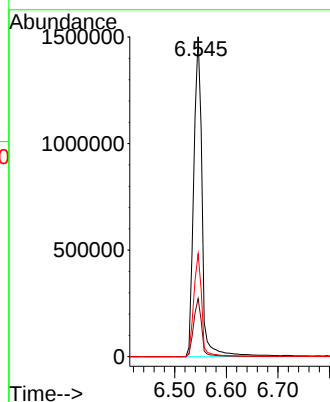
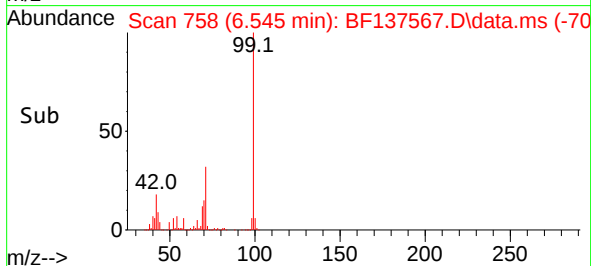
Tgt Ion: 99 Resp: 1696425
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 32.2 25.3 37.9

Manual Integrations

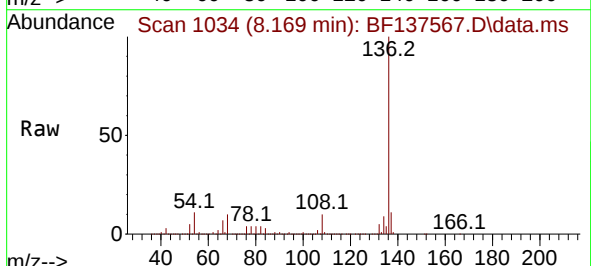
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

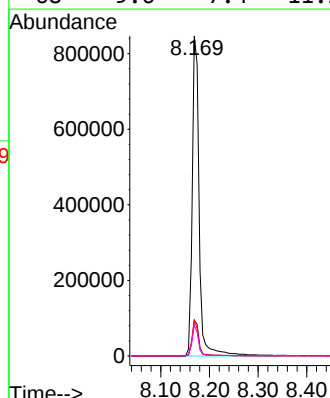
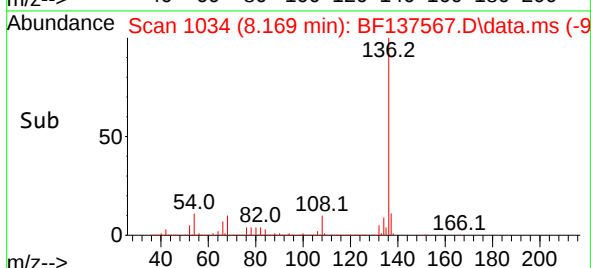
Supervised By :mohammad ahmed 03/12/2024

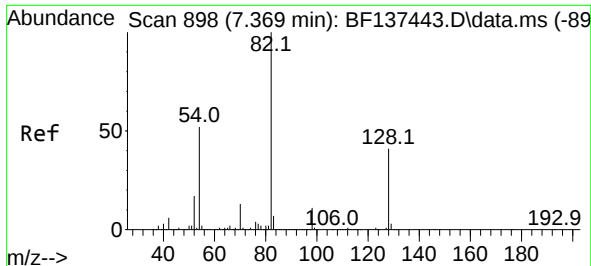


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49



Tgt Ion:136 Resp: 838941
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.1 8.5 12.7
68 9.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 56.179 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137567.D

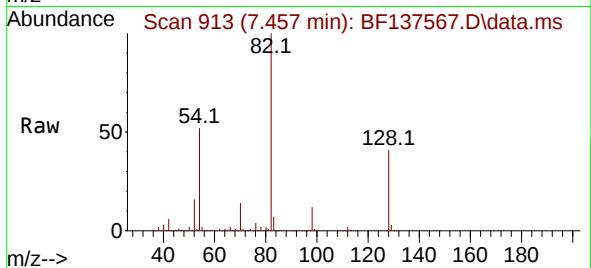
Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP



Tgt Ion: 82 Resp: 1014350

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

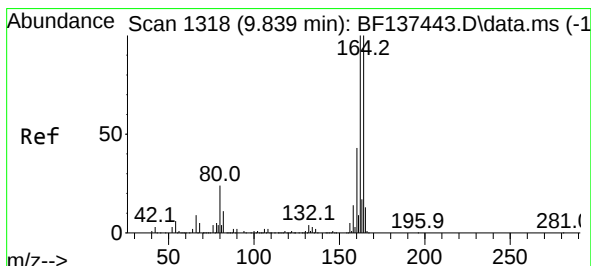
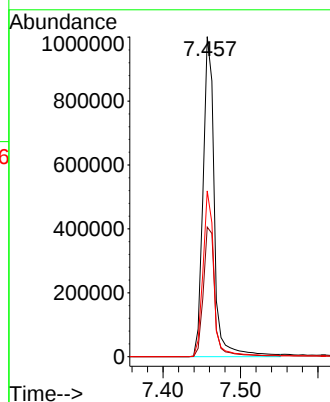
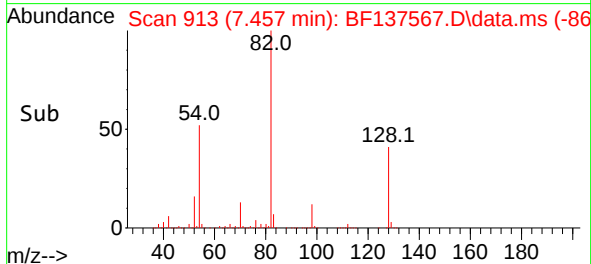
54 51.8 41.5 62.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF137567.D

Acq: 11 Mar 2024 20:49

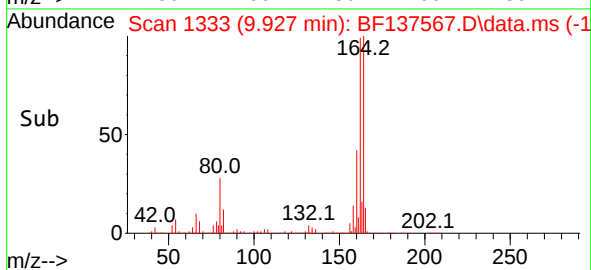
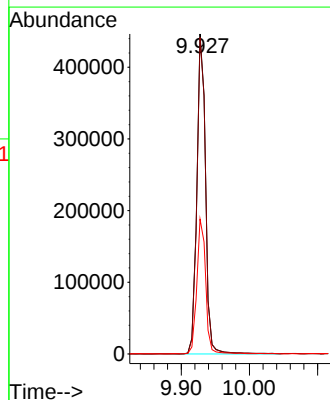
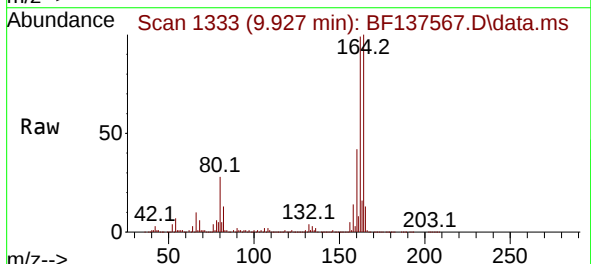
Tgt Ion:164 Resp: 394470

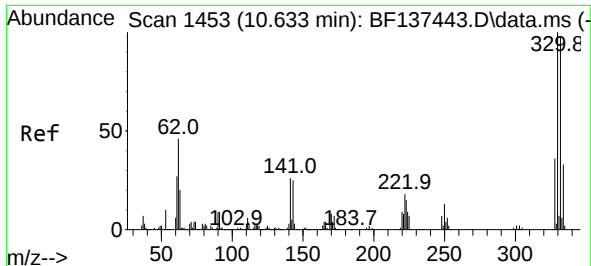
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 42.1 34.4 51.6





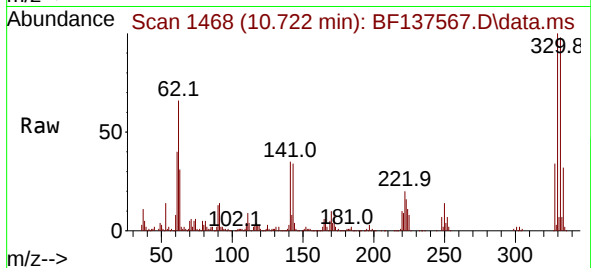
#42
2,4,6-Tribromophenol
Concen: 69.329 ng
RT: 10.722 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP



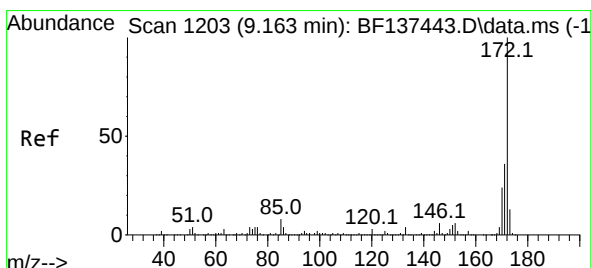
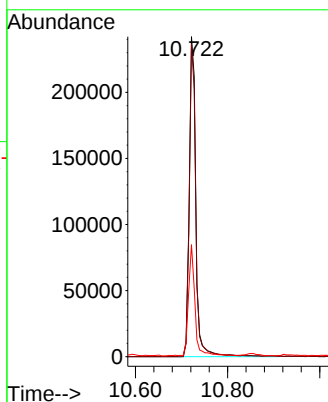
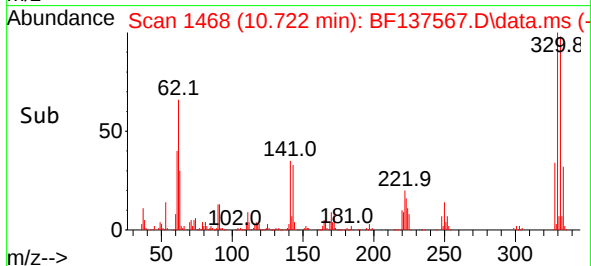
Tgt Ion:330 Resp: 240165
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 33.0 27.3 40.9

Manual Integrations

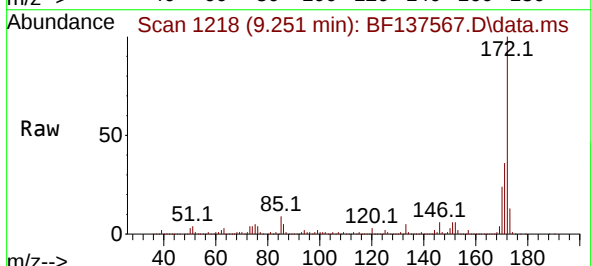
APPROVED

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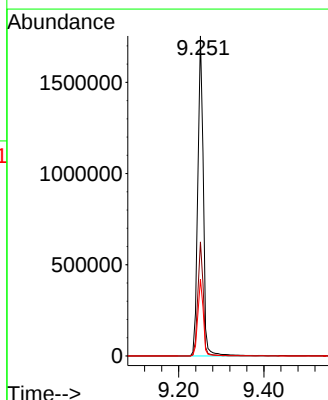
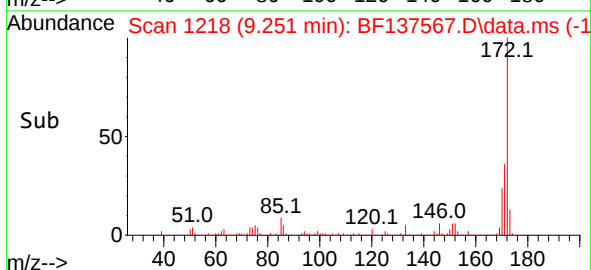
Supervised By :mohammad ahmed 03/12/2024

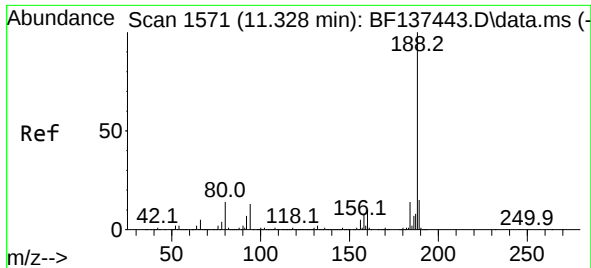


#45
2-Fluorobiphenyl
Concen: 62.935 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49



Tgt Ion:172 Resp: 1585949
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.0 19.0 28.6





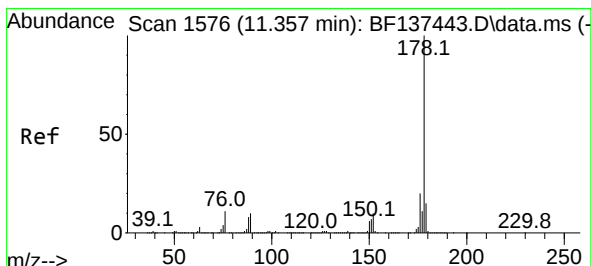
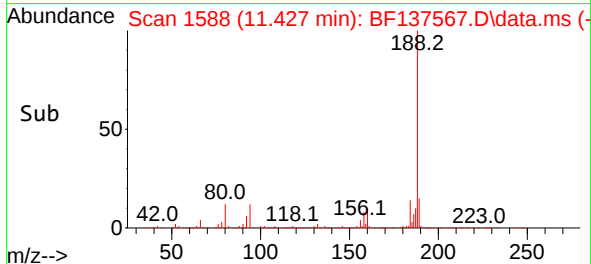
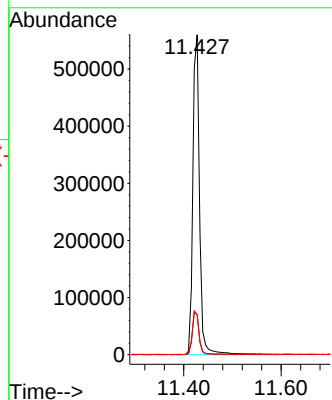
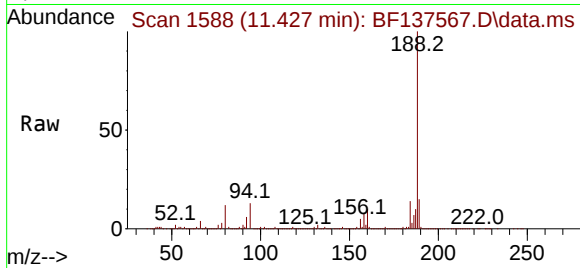
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

Tgt Ion:188 Resp: 534915
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 12.4 11.5 17.3

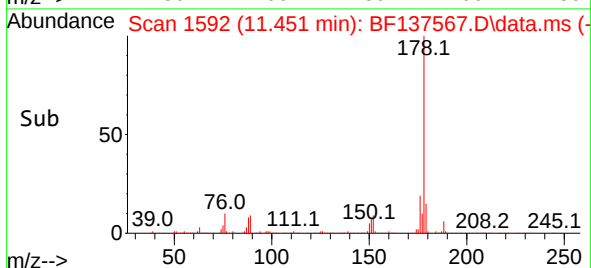
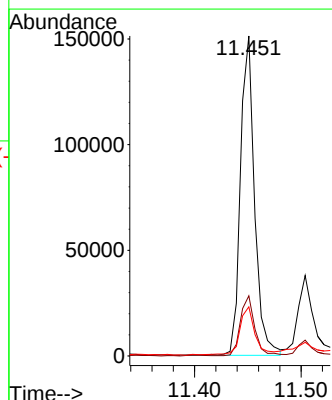
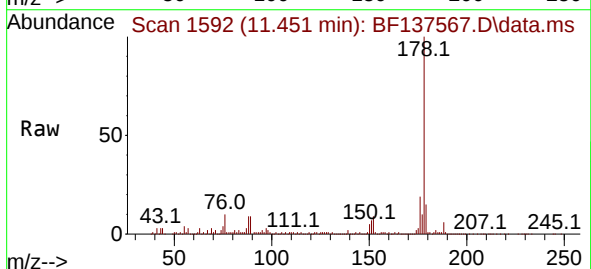
Manual Integrations
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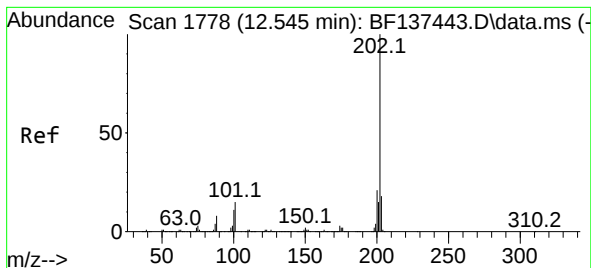
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#71
Phenanthrene
Concen: 4.802 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Tgt Ion:178 Resp: 139783
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.4 12.2 18.2





#75

Fluoranthene

Concen: 6.935 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137567.D

Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP

Tgt Ion:202 Resp: 19733

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.0

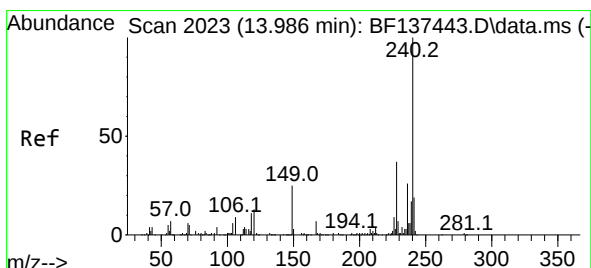
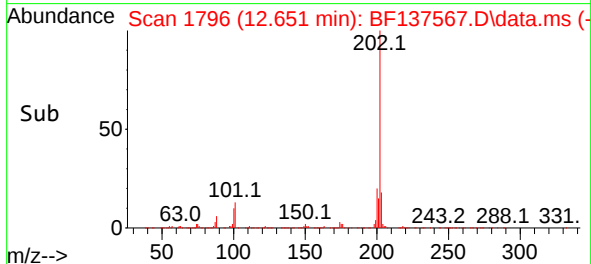
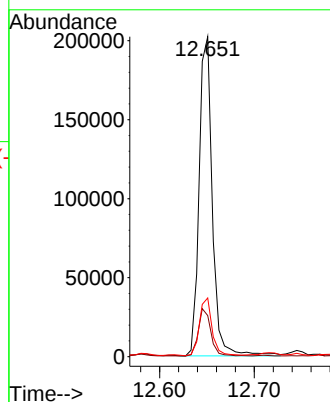
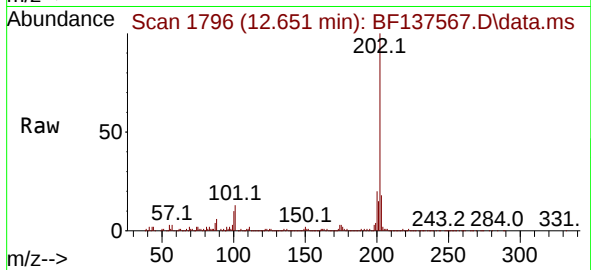
203 18.3 0.0 37.7

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BF137567.D

Acq: 11 Mar 2024 20:49

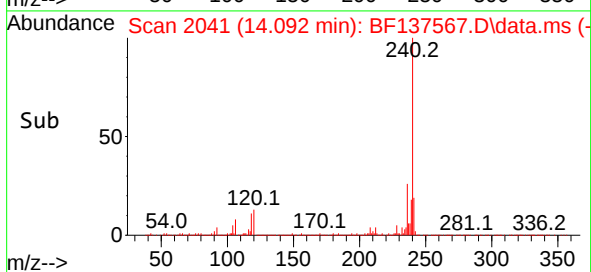
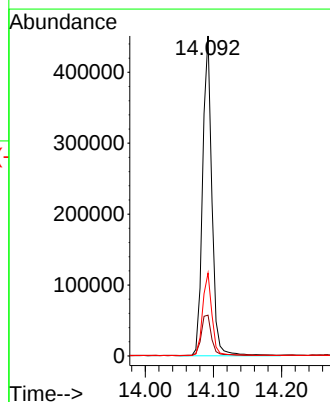
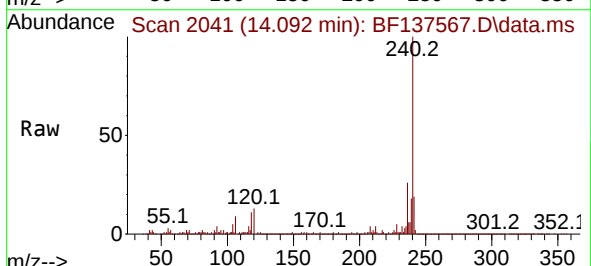
Tgt Ion:240 Resp: 426941

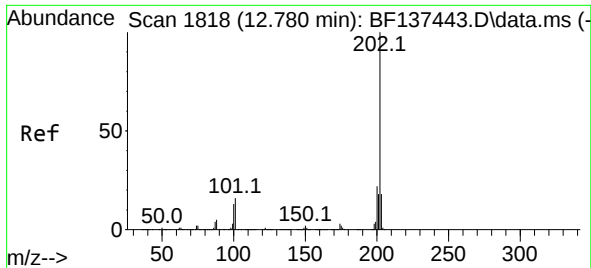
Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

236 25.9 20.9 31.3





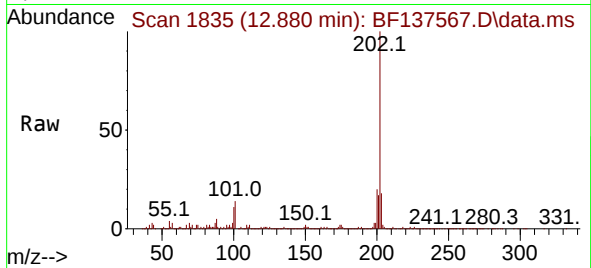
#78
Pyrene
Concen: 4.624 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP



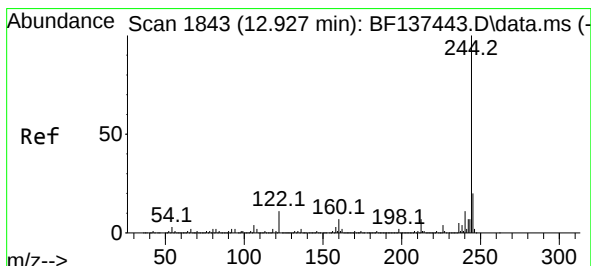
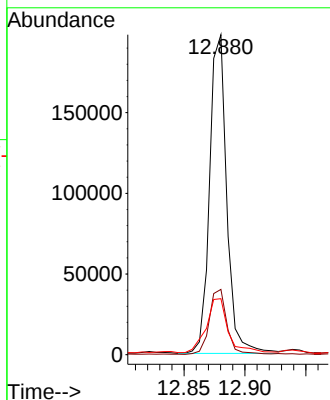
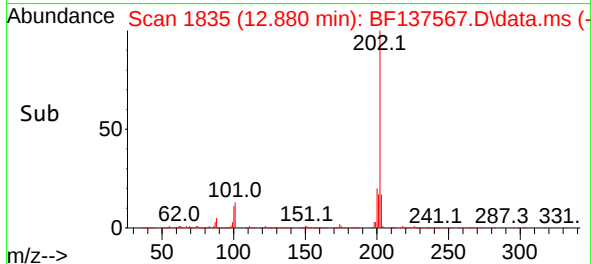
Tgt Ion:202 Resp: 193715
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 17.5 14.1 21.1

Manual Integrations

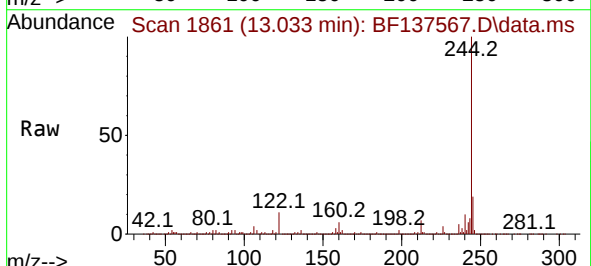
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Reviewed By :Yogesh Patel 03/12/2024

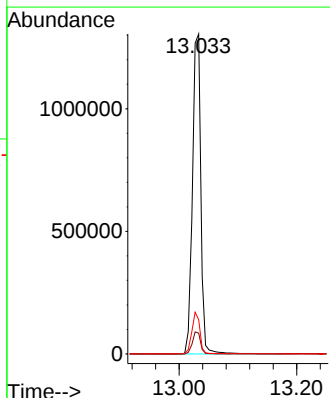
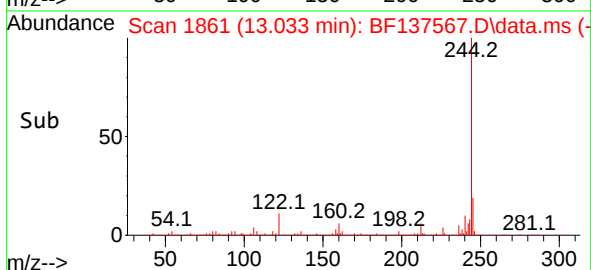
Supervised By :mohammad ahmed 03/12/2024

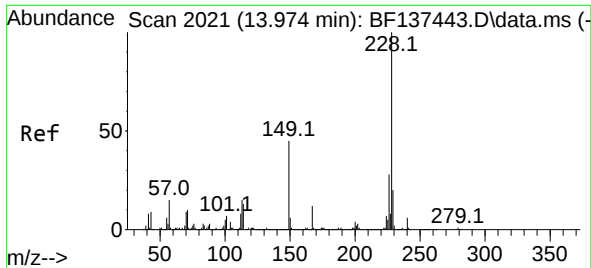


#79
Terphenyl-d14
Concen: 41.455 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49



Tgt Ion:244 Resp: 1287090
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.7 9.1 13.7





#81
Benzo(a)anthracene
Concen: 3.227 ng
RT: 14.080 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

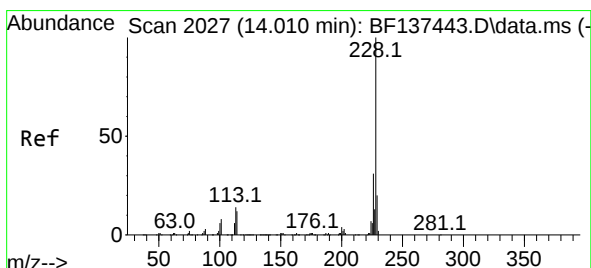
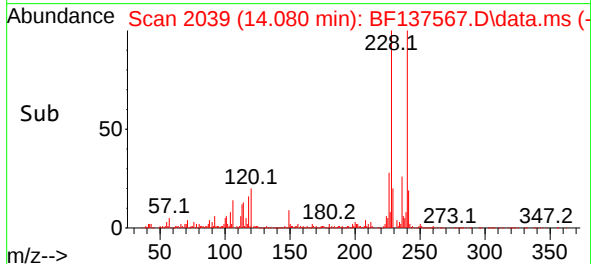
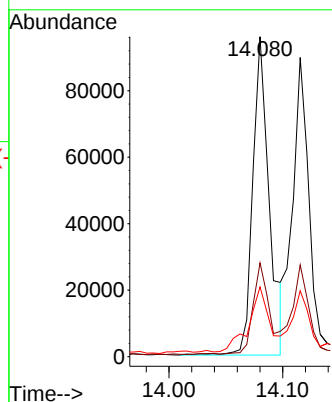
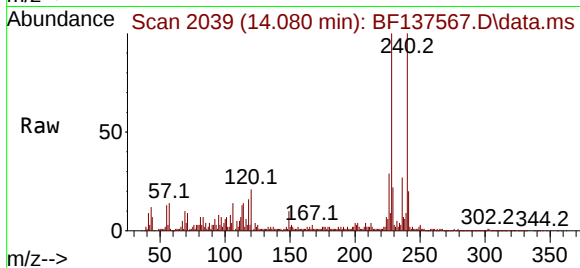
ClientSampleId :

RCA-2-COMP

Tgt Ion:228 Resp: 9656
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 21.8 16.3 24.5

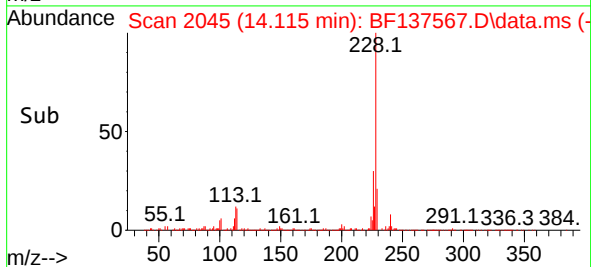
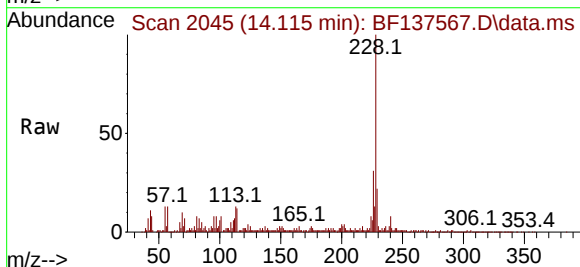
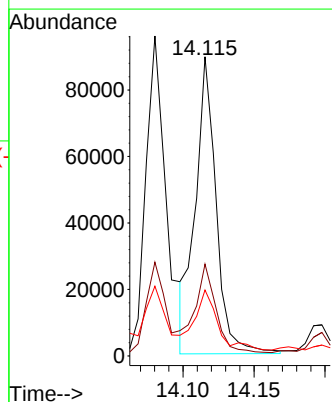
Manual Integrations
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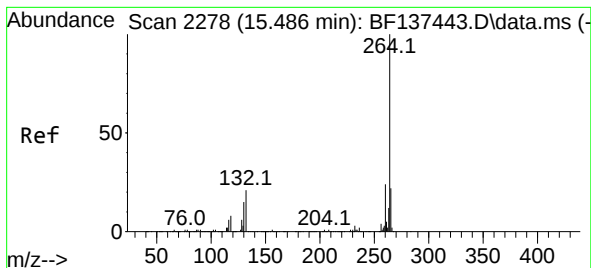
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#83
Chrysene
Concen: 3.015 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Tgt Ion:228 Resp: 91171
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.1 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137567.D

Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP

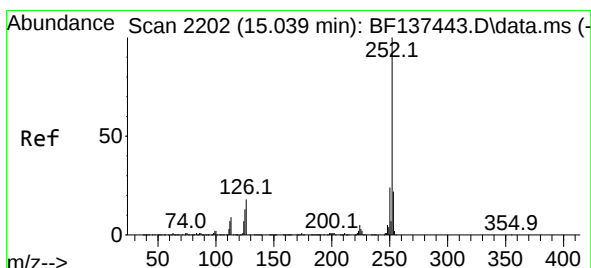
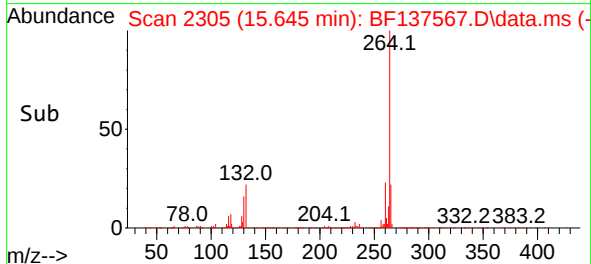
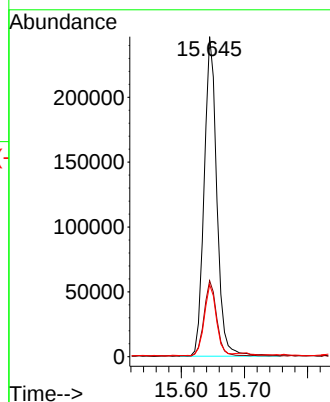
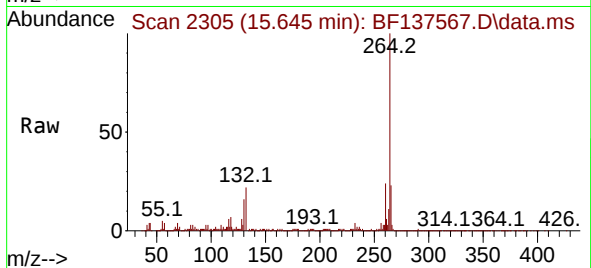
Tgt Ion:	264	Resp:	34513
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.3	28.9
265	22.5	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#88

Benzo(b)fluoranthene

Concen: 4.329 ng m

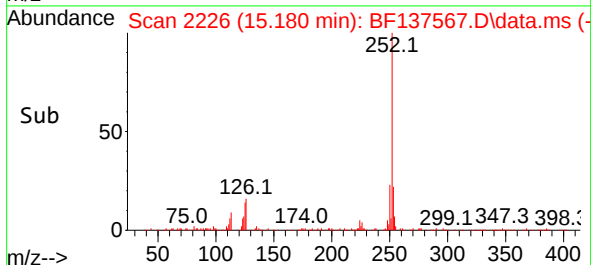
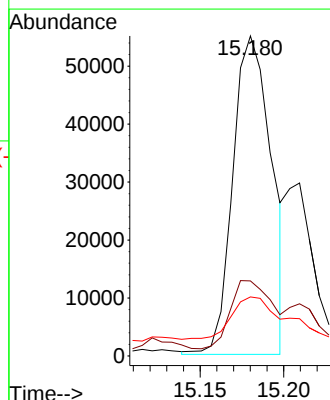
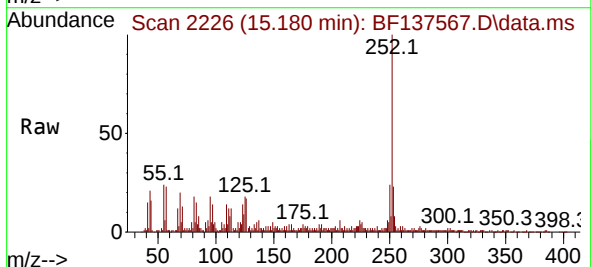
RT: 15.180 min Scan# 2226

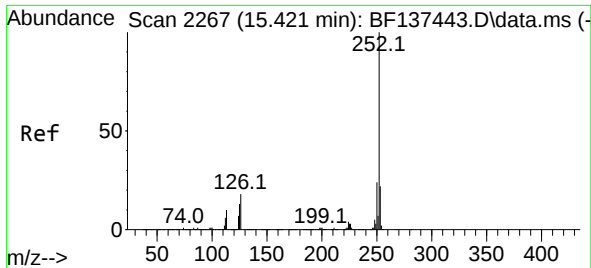
Delta R.T. -0.006 min

Lab File: BF137567.D

Acq: 11 Mar 2024 20:49

Tgt Ion:	252	Resp:	88377
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.8
125	18.4	10.1	15.1#





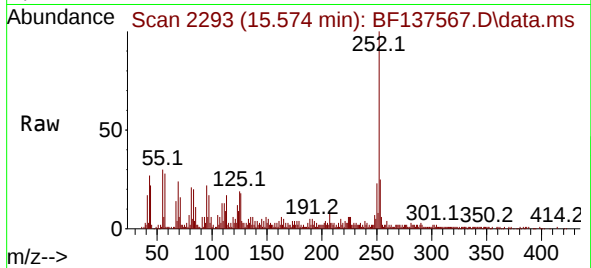
#90
Benzo(a)pyrene
Concen: 2.910 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137567.D
Acq: 11 Mar 2024 20:49

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP



Tgt Ion:252 Resp: 58549
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 18.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024

