

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137536.D
 Acq On : 07 Mar 2024 18:19
 Operator : CG\JU
 Sample : P1688-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 00:32:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 00:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	204830	20.000	ng	0.01
21) Naphthalene-d8	8.151	136	805932	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	430659	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	677472	20.000	ng	0.00
76) Chrysene-d12	14.063	240	381475	20.000	ng	0.00
86) Perylene-d12	15.604	264	459437	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1131878	83.692	ng	0.02
7) Phenol-d6	6.522	99	1521001	77.913	ng	0.01
23) Nitrobenzene-d5	7.434	82	907579	52.324	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	276673	73.157	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1401440	50.940	ng	0.00
79) Terphenyl-d14	13.004	244	1205407	43.451	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	208261	5.649	ng	98
75) Fluoranthene	12.621	202	266042	7.382	ng	99
78) Pyrene	12.851	202	225019	6.012	ng	98
81) Benzo(a)anthracene	14.051	228	115757	4.329	ng	99
83) Chrysene	14.092	228	113727	4.209	ng	97
88) Benzo(b)fluoranthene	15.145	252	135586m	4.989	ng	
90) Benzo(a)pyrene	15.533	252	99652	3.721	ng	98

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

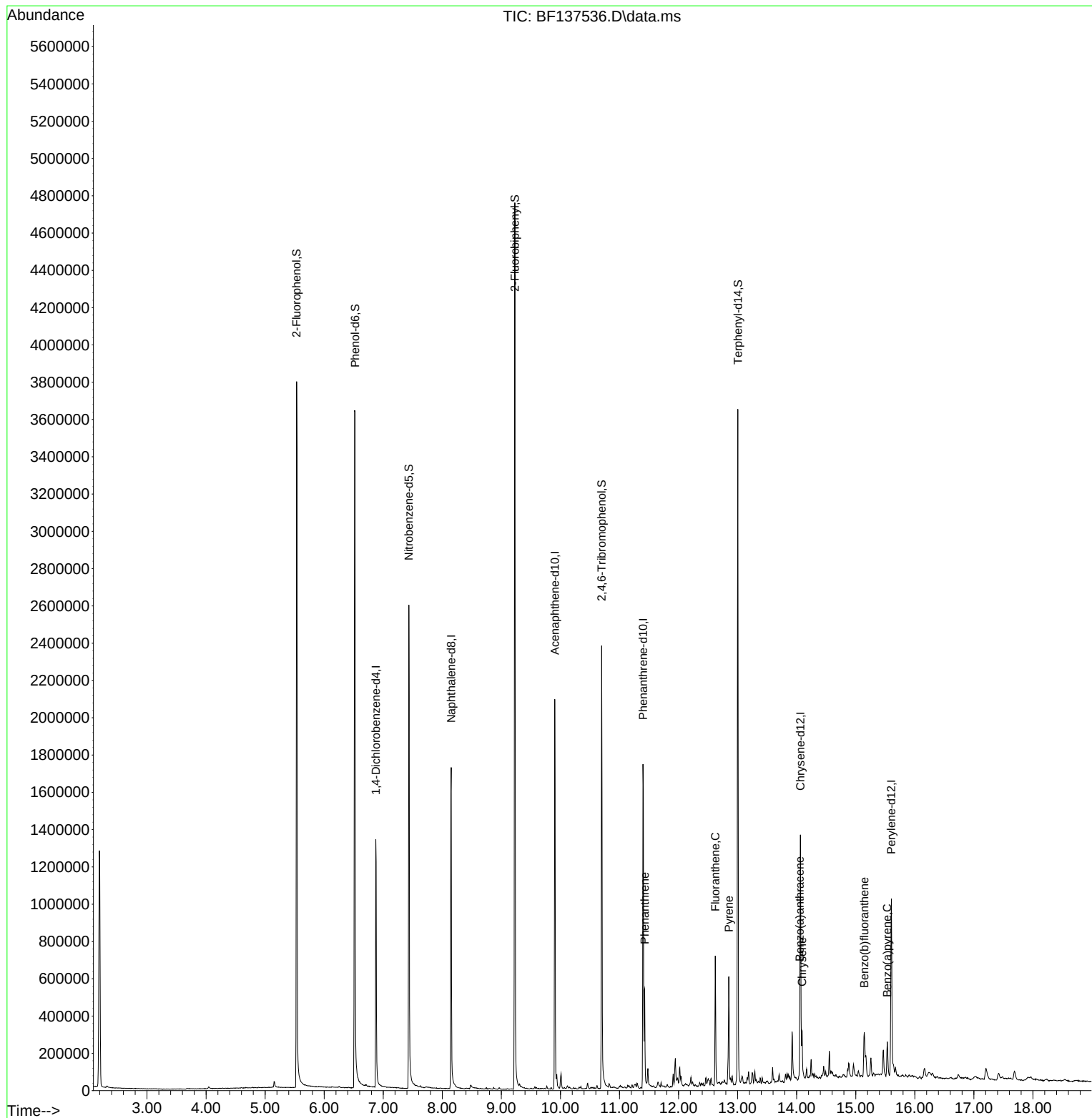
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137536.D
Acq On : 07 Mar 2024 18:19
Operator : CG\JU
Sample : P1688-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

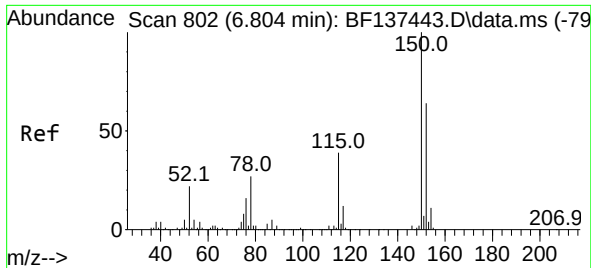
Instrument :
BNA_F
ClientSampleId :
COMP-5

Quant Time: Mar 08 00:32:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 08 00:31:33 2024
Response via : Initial Calibration

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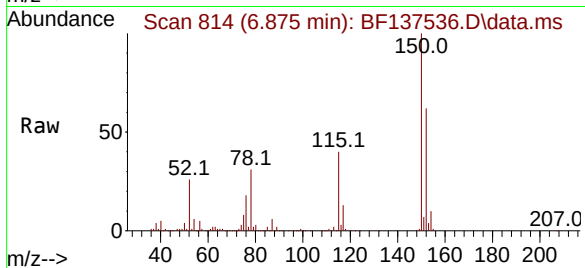
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

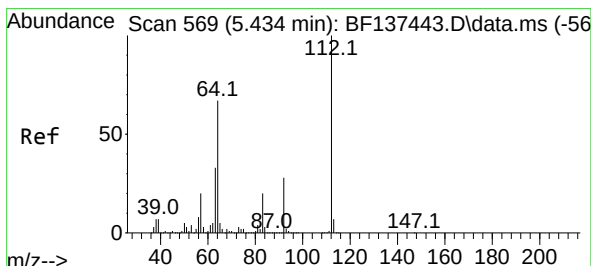
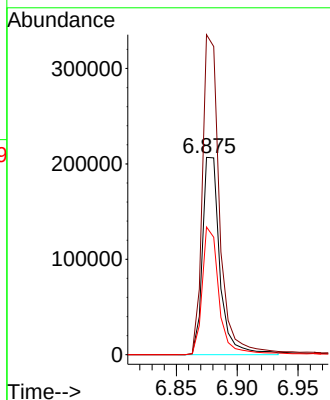
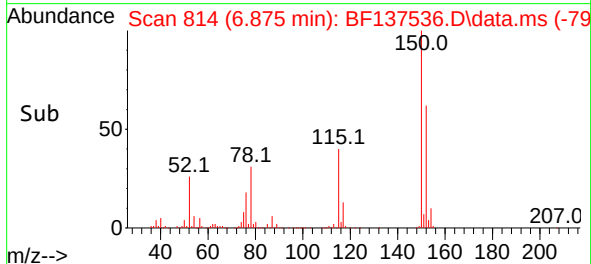
Instrument :
BNA_F
ClientSampleId :
COMP-5



Tgt Ion:152 Resp: 204830
Ion Ratio Lower Upper
152 100
150 162.2 125.8 188.6
115 64.7 48.8 73.2

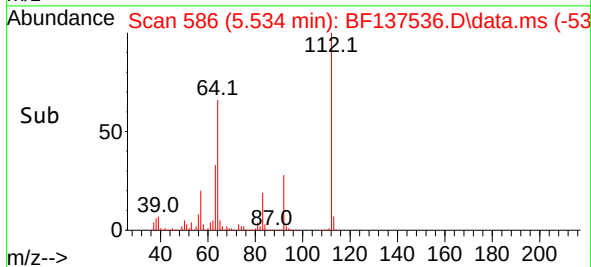
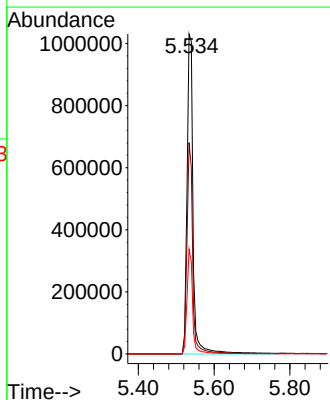
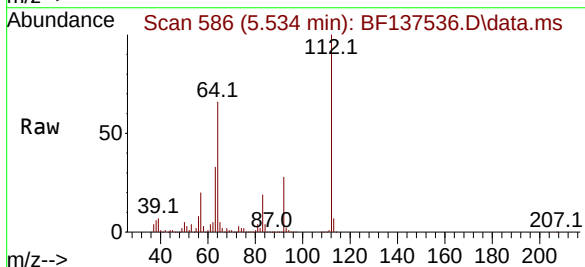
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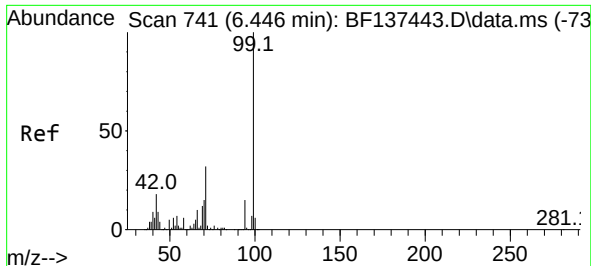
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#5
2-Fluorophenol
Concen: 83.692 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.018 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

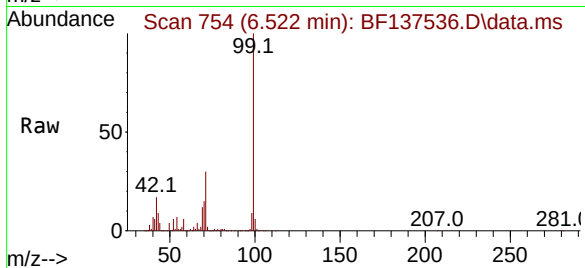
Tgt Ion:112 Resp: 1131878
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 32.7 26.2 39.2





#7
Phenol-d6
Concen: 77.913 ng
RT: 6.522 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

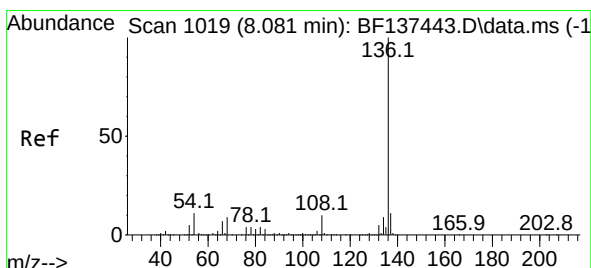
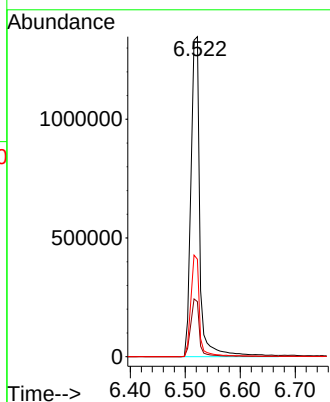
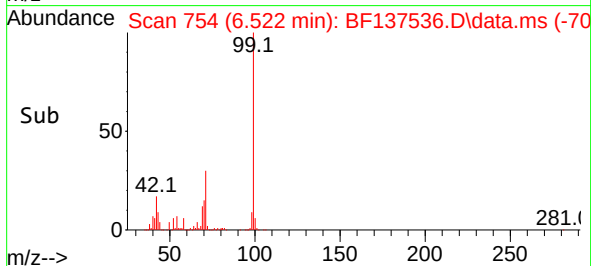
Instrument :
BNA_F
ClientSampleId :
COMP-5



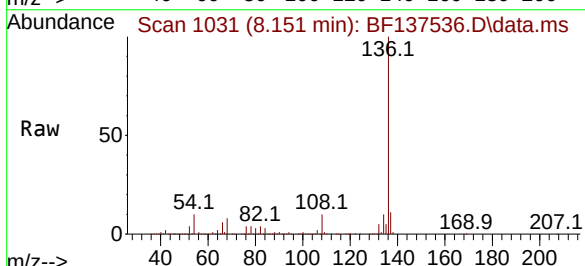
Tgt Ion: 99 Resp: 152100
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 30.5 25.3 37.9

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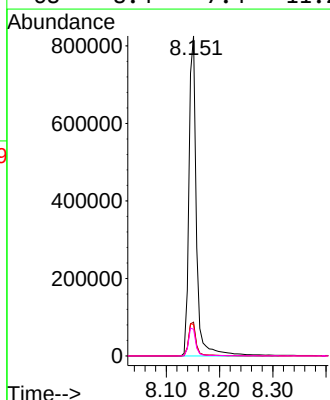
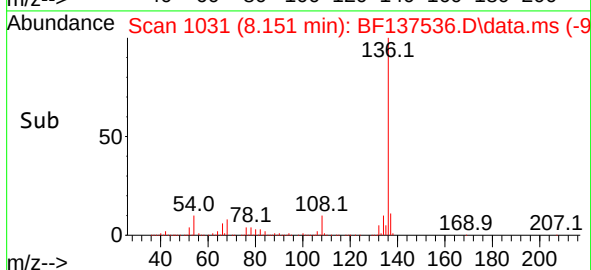
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

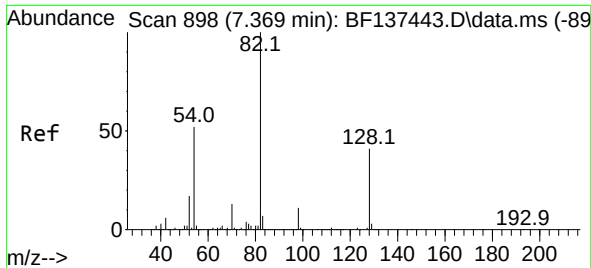


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19



Tgt Ion:136 Resp: 805932
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 9.8 8.5 12.7
68 8.4 7.4 11.2





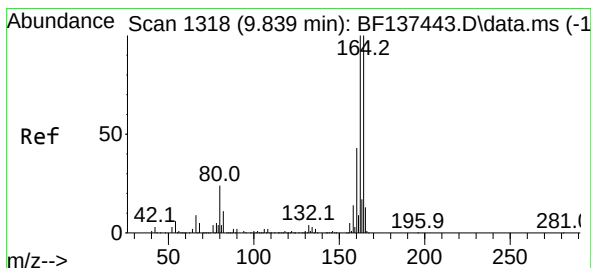
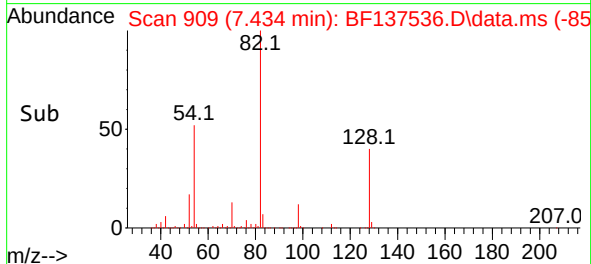
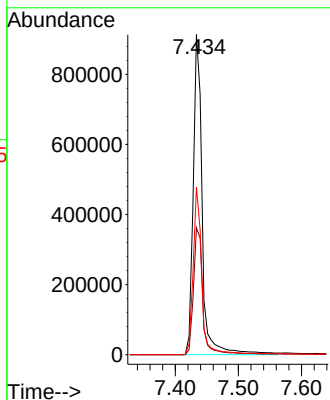
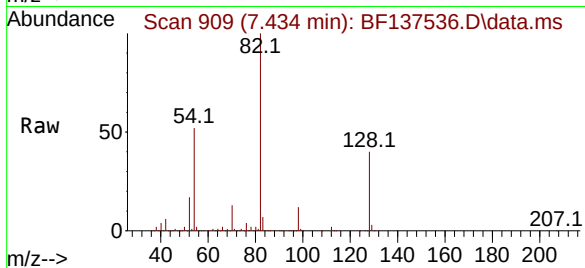
#23
Nitrobenzene-d5
Concen: 52.324 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion: 82 Resp: 907579
Ion Ratio Lower Upper
82 100
128 39.6 32.5 48.7
54 52.4 41.5 62.3

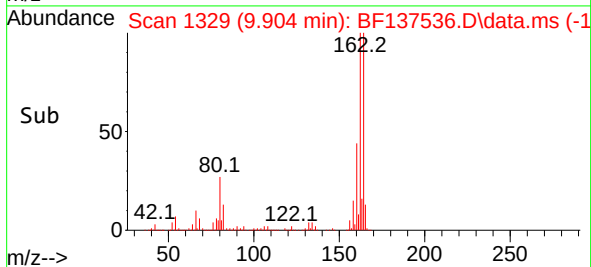
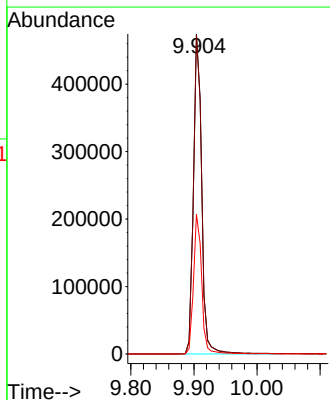
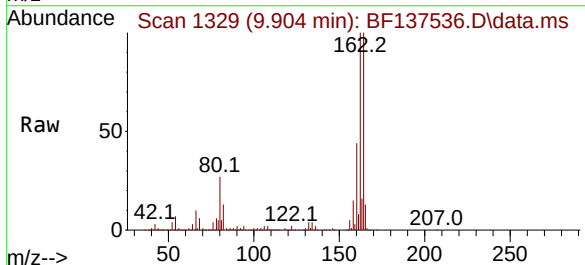
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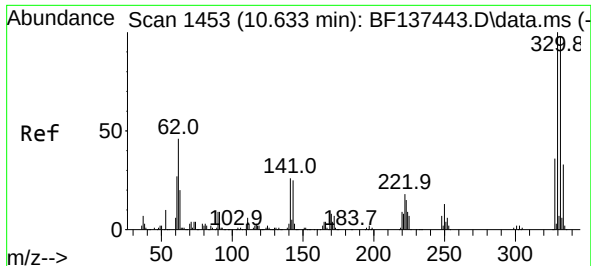
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

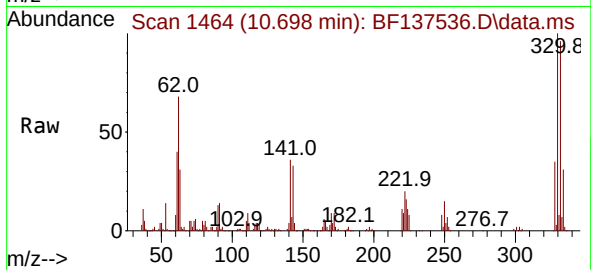
Tgt Ion:164 Resp: 430659
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 43.6 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 73.157 ng
RT: 10.698 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

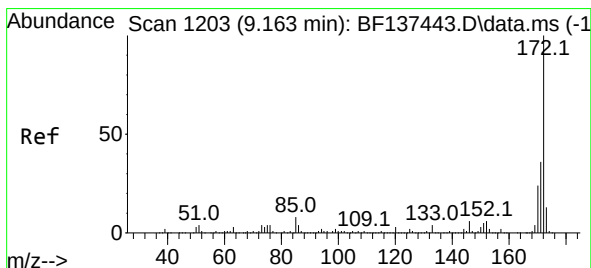
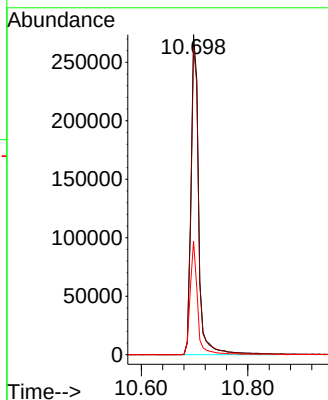
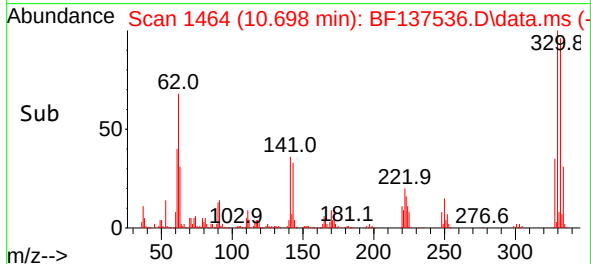
Instrument :
BNA_F
ClientSampleId :
COMP-5



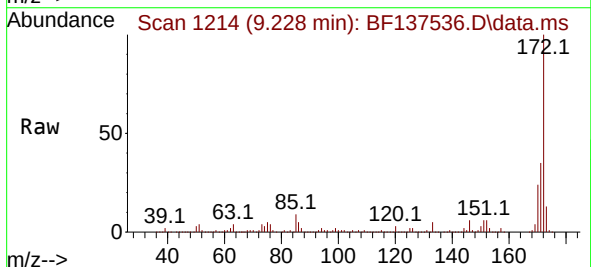
Tgt Ion:330 Resp: 27667
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.5 27.3 40.9

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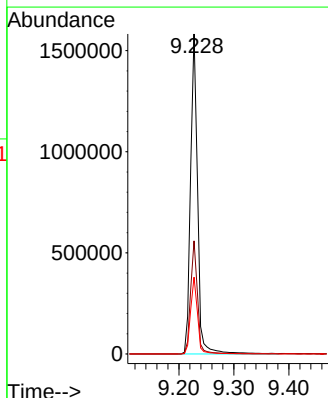
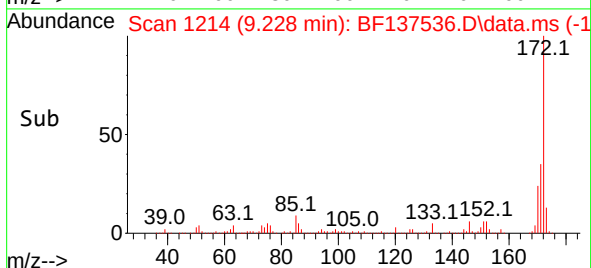
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

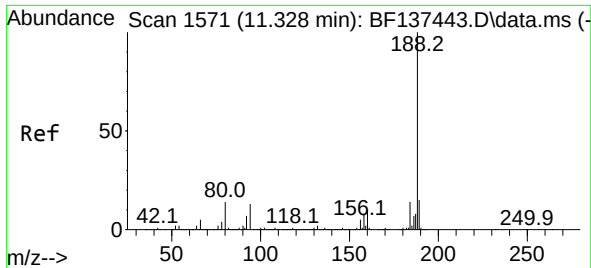


#45
2-Fluorobiphenyl
Concen: 50.940 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19



Tgt Ion:172 Resp: 1401440
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.0 19.0 28.6





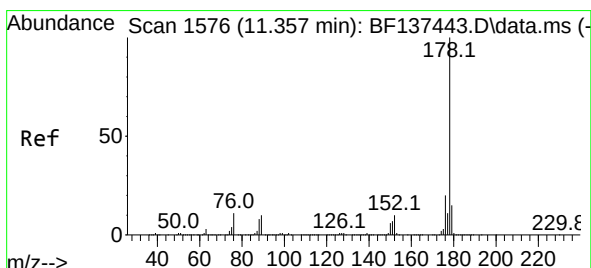
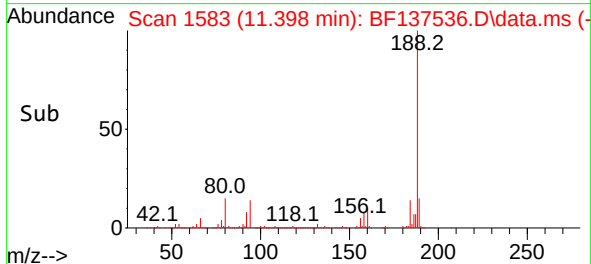
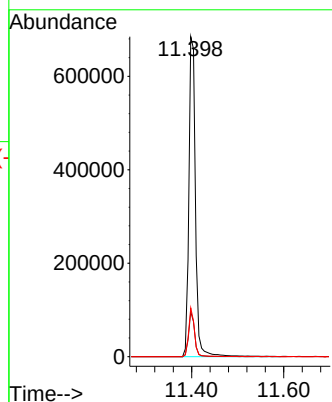
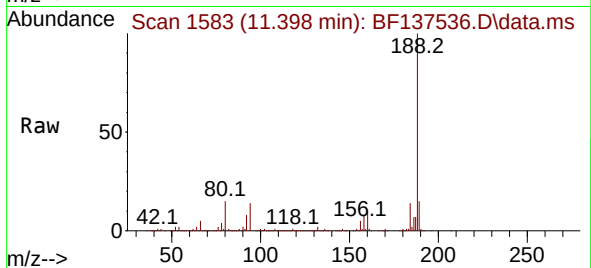
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion:188 Resp: 677472
Ion Ratio Lower Upper
188 100
94 14.0 10.6 15.8
80 15.2 11.5 17.3

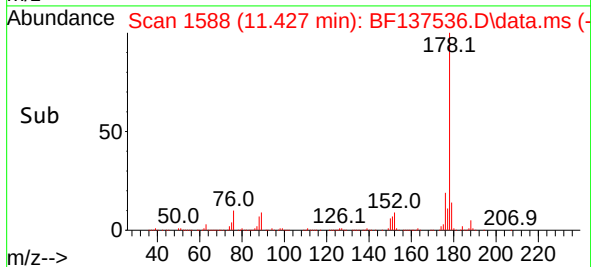
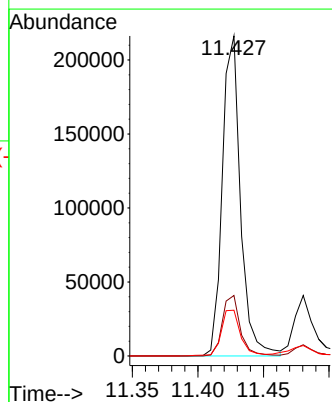
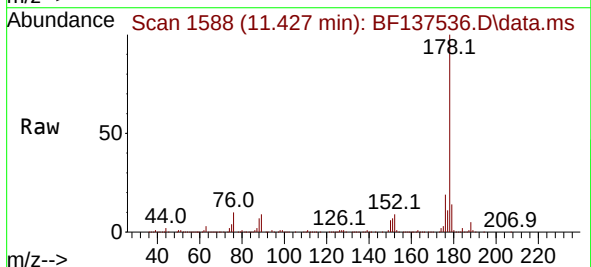
Manual Integrations
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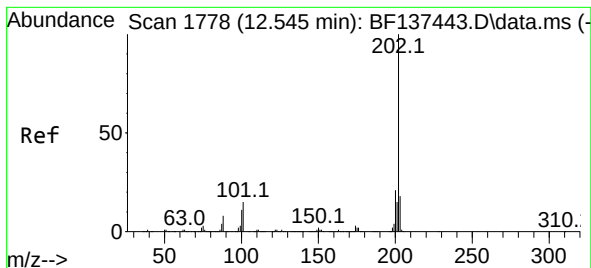
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Supervised By :mohammad ahmed 03/09/2024



#71
Phenanthrene
Concen: 5.649 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion:178 Resp: 208261
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 14.3 12.2 18.2





#75

Fluoranthene

Concen: 7.382 ng

RT: 12.621 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

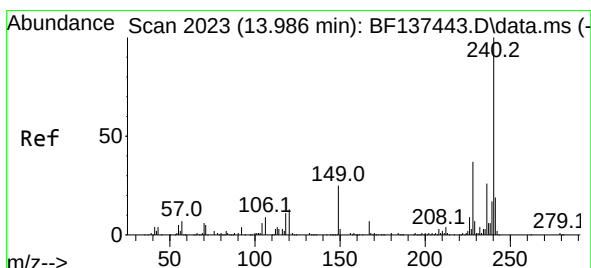
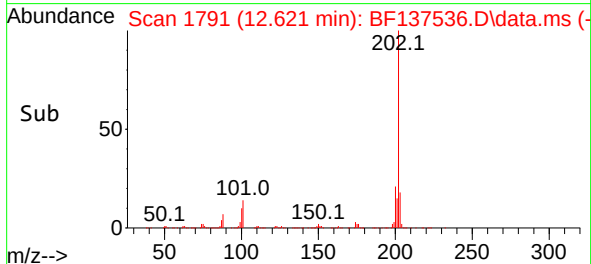
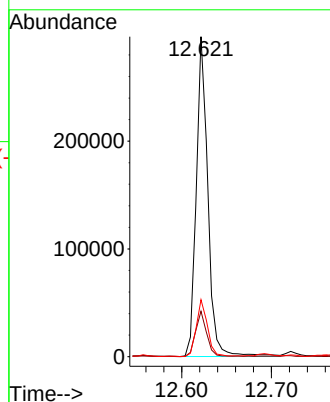
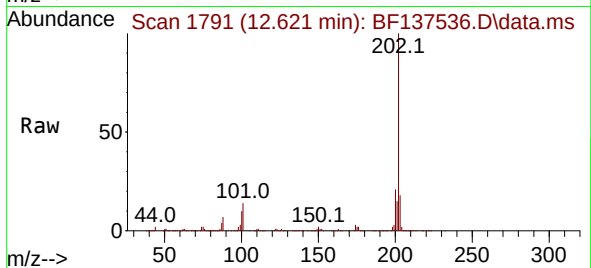
COMP-5

Tgt Ion:	202	Resp:	26604
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	35.0
203	17.8	0.0	37.7

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

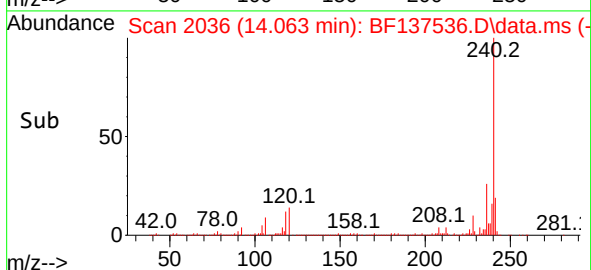
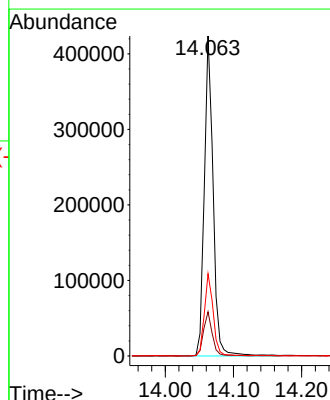
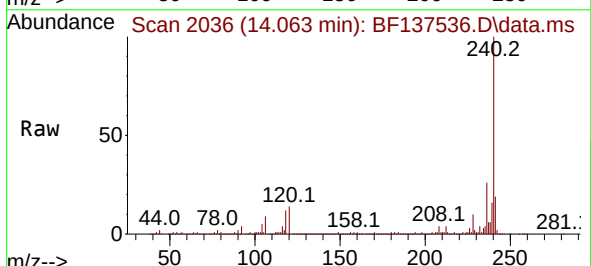
RT: 14.063 min Scan# 2036

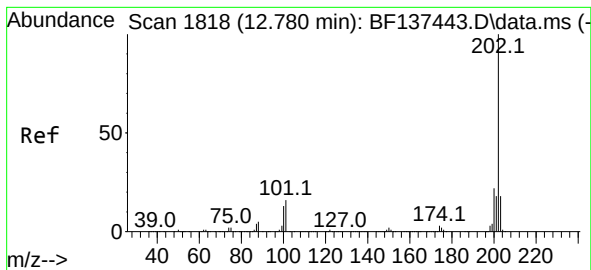
Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Tgt Ion:	240	Resp:	381475
Ion Ratio	Lower	Upper	
240	100		
120	13.8	10.4	15.6
236	25.7	20.9	31.3





#78

Pyrene

Concen: 6.012 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-5

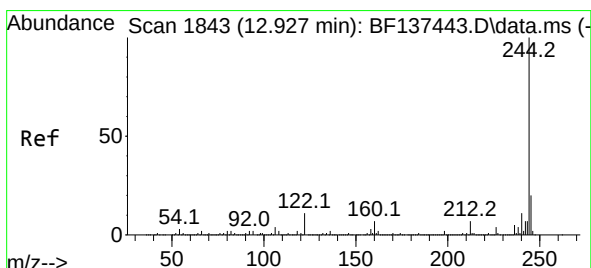
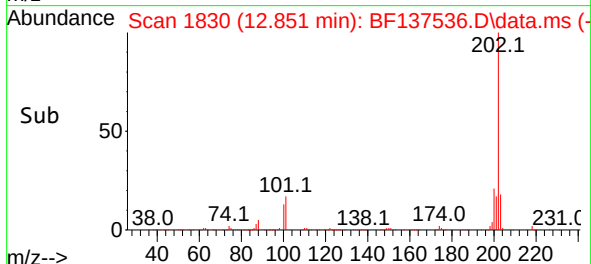
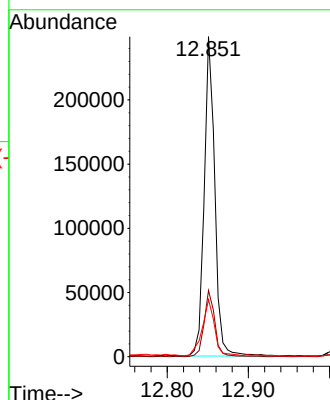
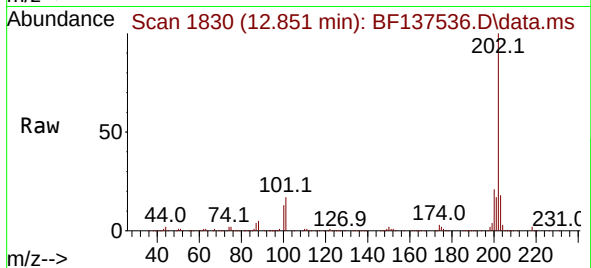
Tgt Ion:202 Resp: 225019

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.8	14.1	21.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 43.451 ng

RT: 13.004 min Scan# 1856

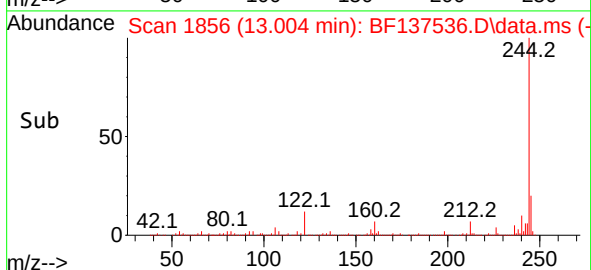
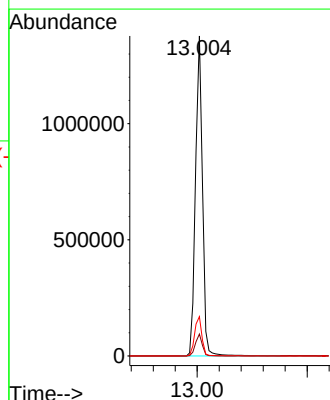
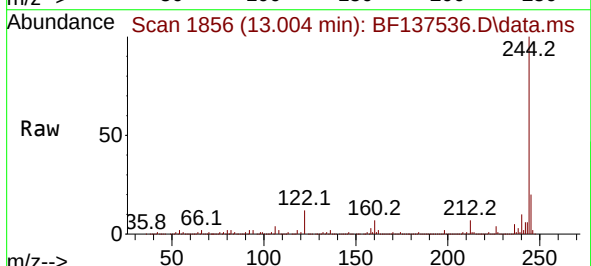
Delta R.T. 0.006 min

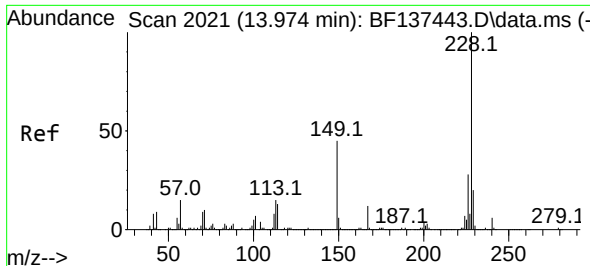
Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Tgt Ion:244 Resp: 1205407

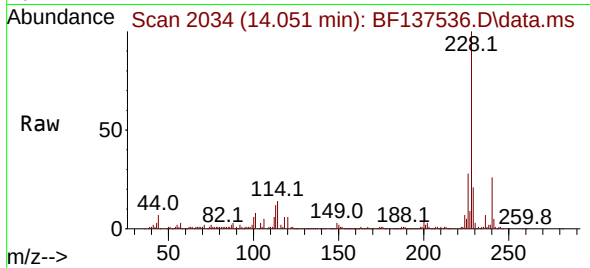
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	12.3	9.1	13.7





#81
Benzo(a)anthracene
Concen: 4.329 ng
RT: 14.051 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

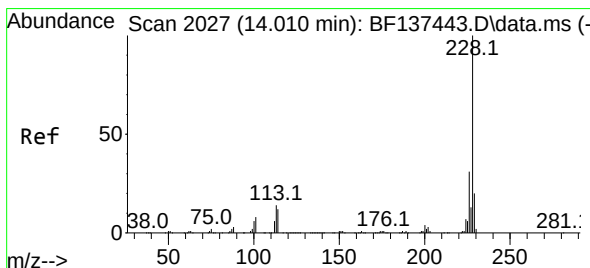
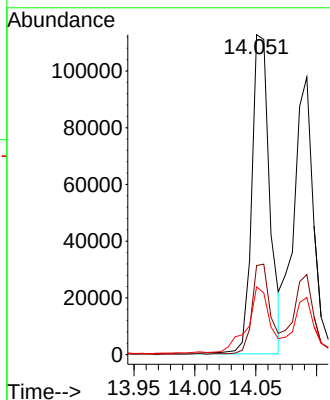
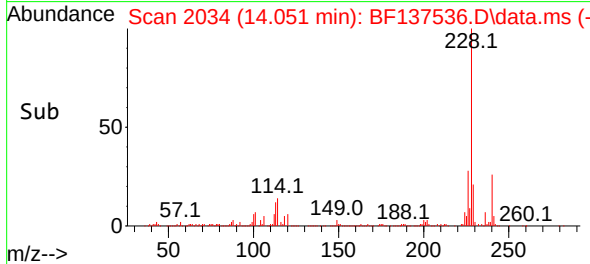
Instrument :
BNA_F
ClientSampleId :
COMP-5



Tgt Ion:228 Resp: 11575
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 21.2 16.3 24.5

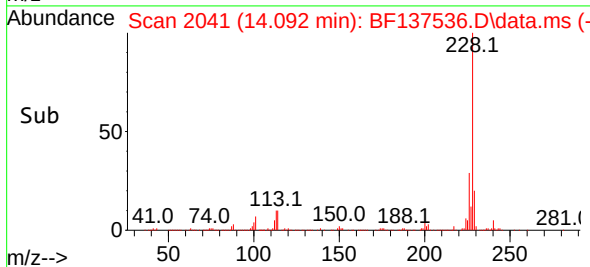
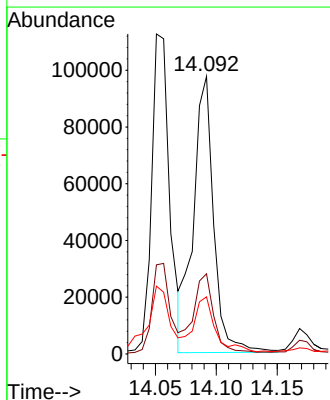
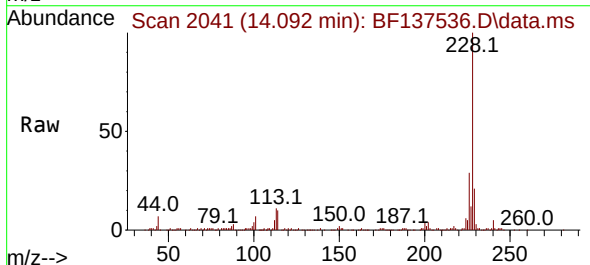
Manual Integrations
APPROVED

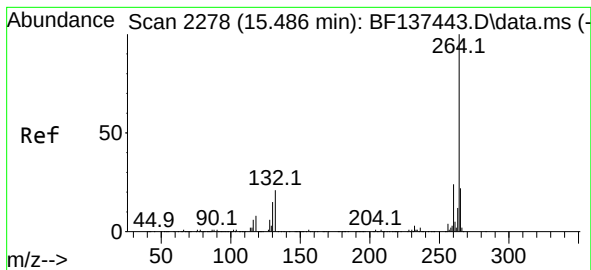
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#83
Chrysene
Concen: 4.209 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

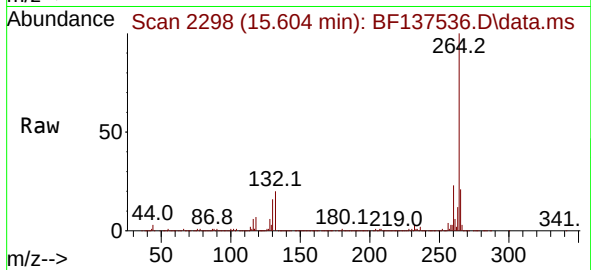
Tgt Ion:228 Resp: 113727
Ion Ratio Lower Upper
228 100
226 28.9 24.7 37.1
229 20.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

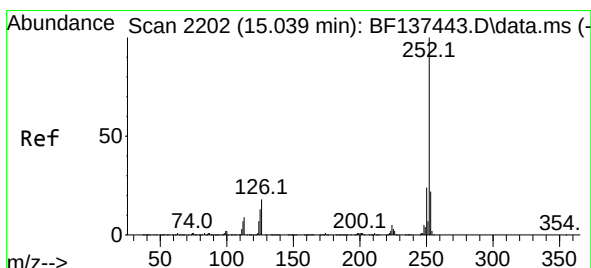
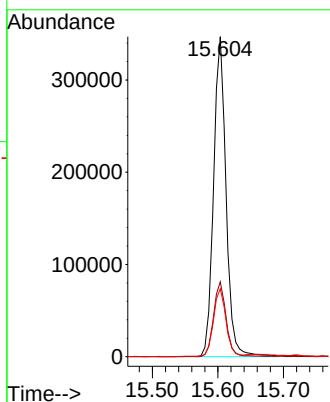
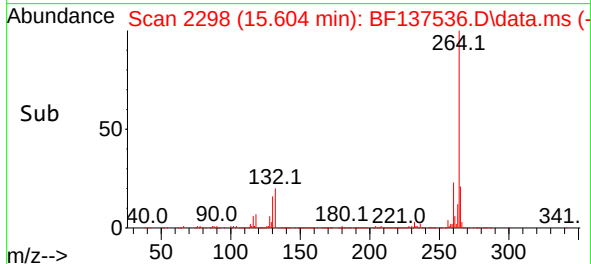
Instrument :
BNA_F
ClientSampleId :
COMP-5



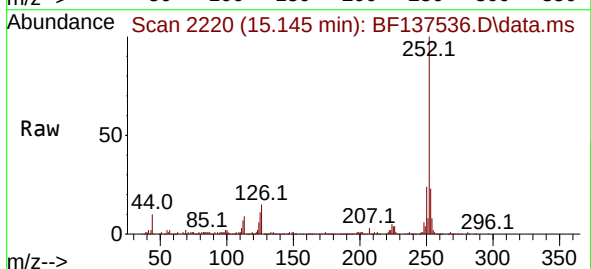
Tgt Ion:264 Resp: 45943
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.2 17.4 26.0

Manual Integrations
APPROVED

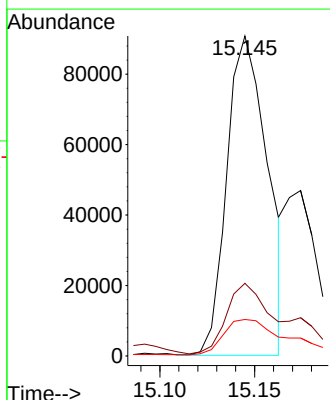
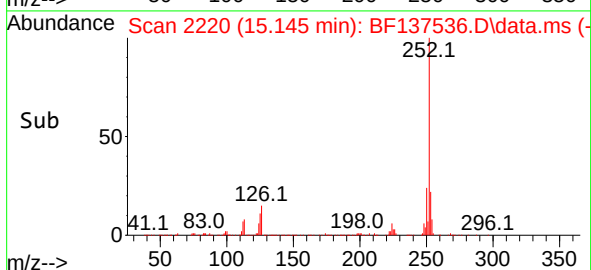
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

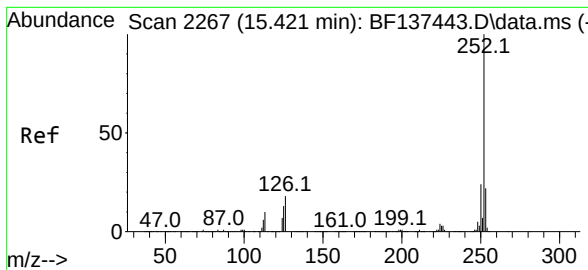


#88
Benzo(b)fluoranthene
Concen: 4.989 ng m
RT: 15.145 min Scan# 2220
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19



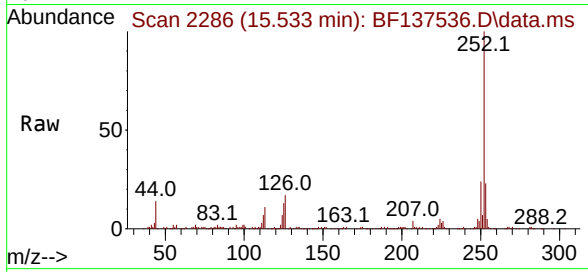
Tgt Ion:252 Resp: 135586
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.4 10.1 15.1





#90
 Benzo(a)pyrene
 Concen: 3.721 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137536.D
 Acq: 07 Mar 2024 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5



Tgt Ion:252 Resp: 99652

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	12.5	10.4	15.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

