

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137018.D
 Acq On : 10 Jan 2024 14:12
 Operator : CG\JU
 Sample : P1073-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 69-2-TP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 14:54:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	55544	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	208245	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	102540	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	179589	20.000	ng	0.00
76) Chrysene-d12	13.969	240	114032	20.000	ng	0.00
86) Perylene-d12	15.463	264	128126	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	291411	81.860	ng	0.00
7) Phenol-d6	6.434	99	356888	77.370	ng	0.00
23) Nitrobenzene-d5	7.345	82	213777	52.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	93536	77.454	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	416578	54.641	ng	-0.02
79) Terphenyl-d14	12.910	244	392472	48.098	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	33150	3.597	ng	98
75) Fluoranthene	12.533	202	59900	6.077	ng	99
78) Pyrene	12.763	202	50325	4.496	ng	98
81) Benzo(a)anthracene	13.963	228	23279	2.940	ng	99
83) Chrysene	13.998	228	19808	2.558	ng	98
88) Benzo(b)fluoranthene	15.021	252	25993m	3.037	ng	
90) Benzo(a)pyrene	15.398	252	21627	2.994	ng	97

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

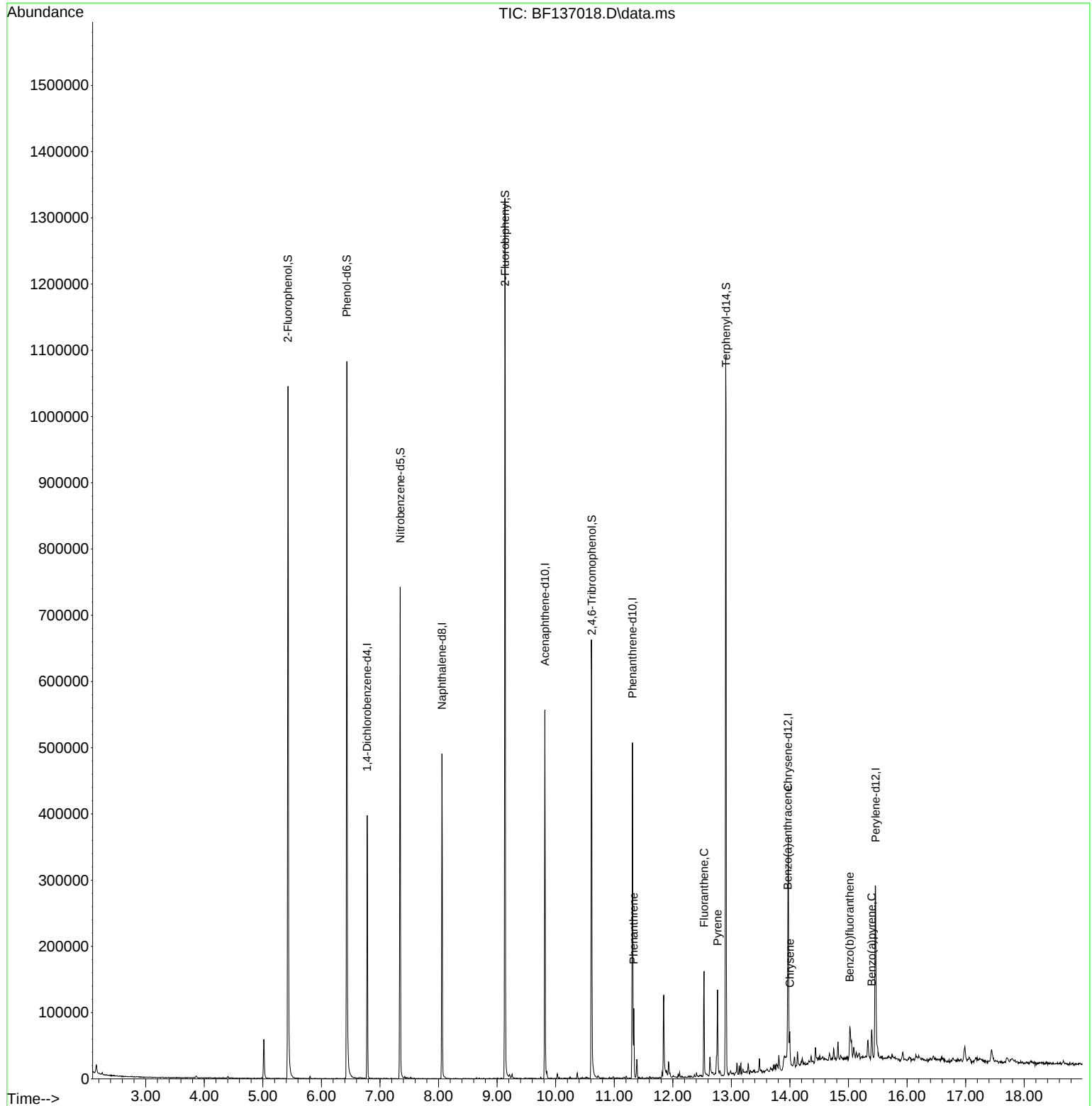
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Data File : BF137018.D
Acq On : 10 Jan 2024 14:12
Operator : CG\JU
Sample : P1073-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

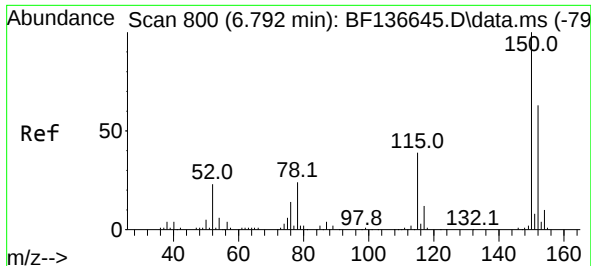
Instrument :
BNA_F
ClientSampleId :
69-2-TP

Quant Time: Jan 10 14:54:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

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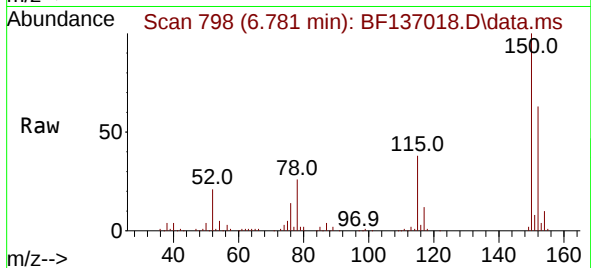
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

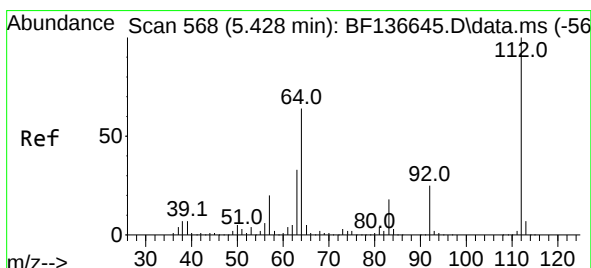
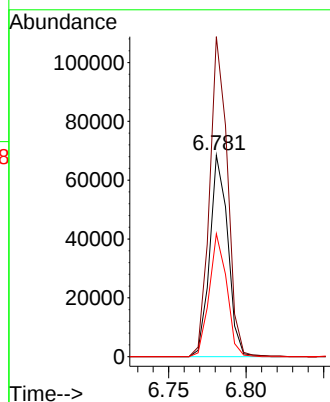
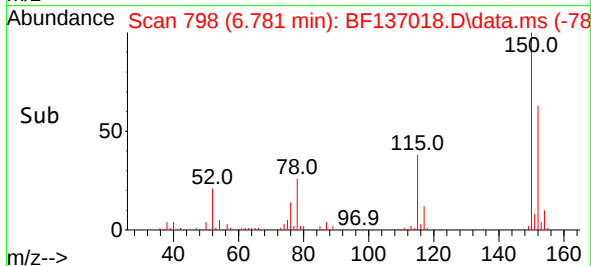
Instrument :
BNA_F
ClientSampleId :
69-2-TP



Tgt Ion:152 Resp: 5554
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 61.0 49.0 73.4

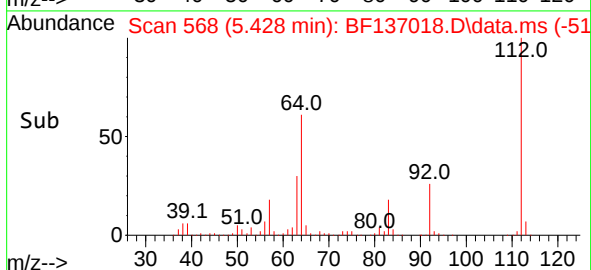
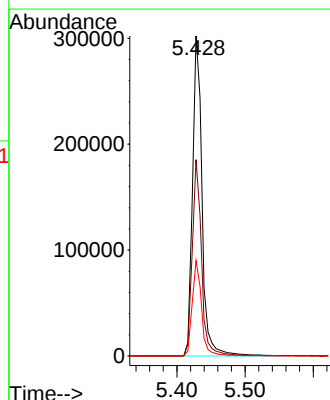
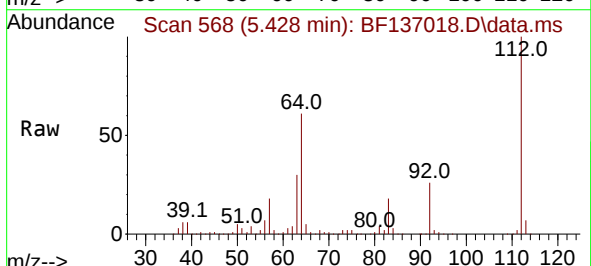
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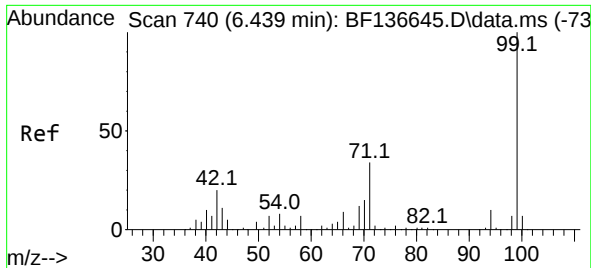
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#5
2-Fluorophenol
Concen: 81.860 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

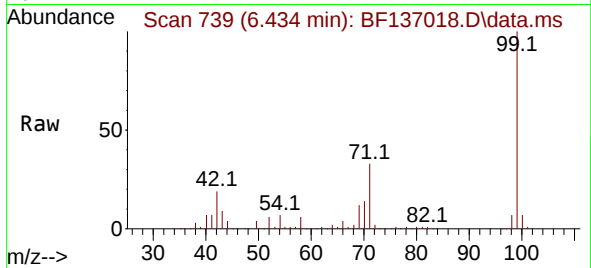
Tgt Ion:112 Resp: 291411
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 29.8 26.1 39.1





#7
Phenol-d6
Concen: 77.370 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

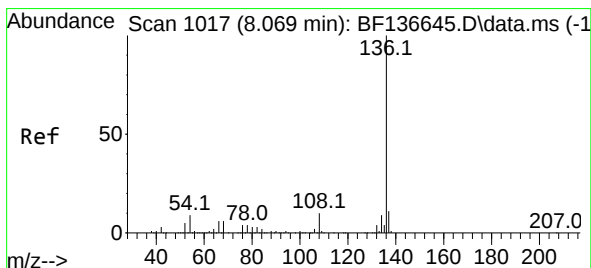
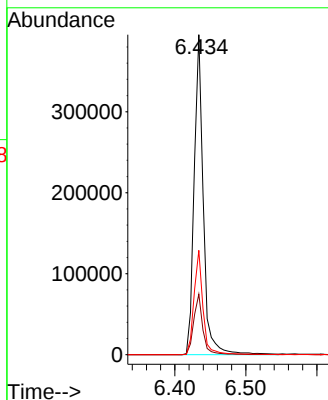
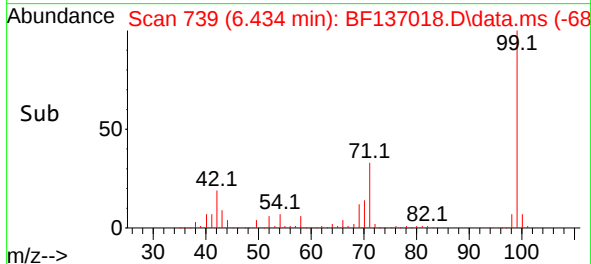
Instrument :
BNA_F
ClientSampleId :
69-2-TP



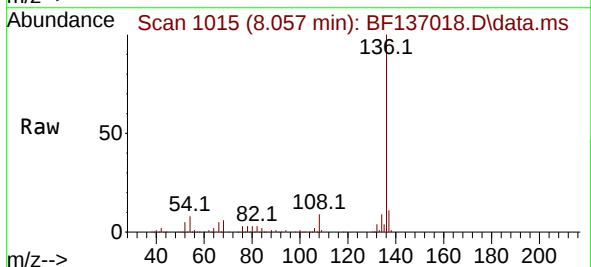
Tgt Ion: 99 Resp: 35688
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.6 27.4 41.2

Manual Integrations
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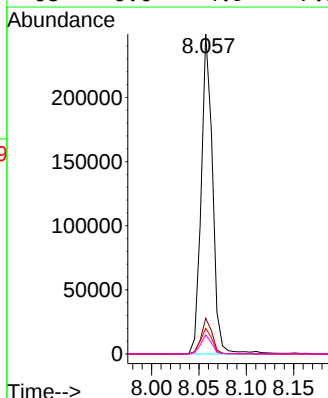
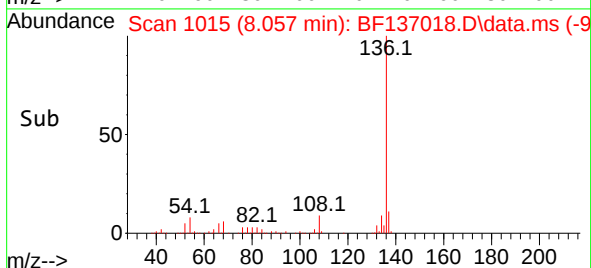
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12



Tgt Ion:136 Resp: 208245
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.0 7.2 10.8
68 6.0 4.9 7.3





#23
Nitrobenzene-d5
Concen: 52.530 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

Instrument :

BNA_F

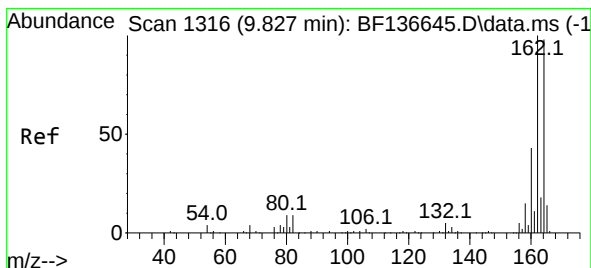
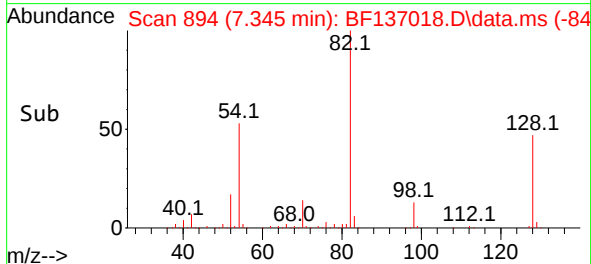
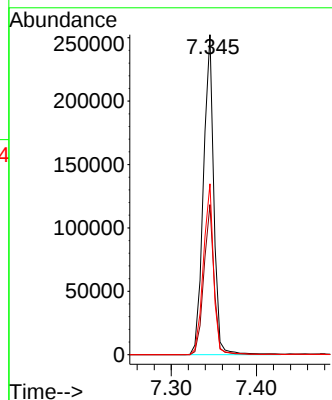
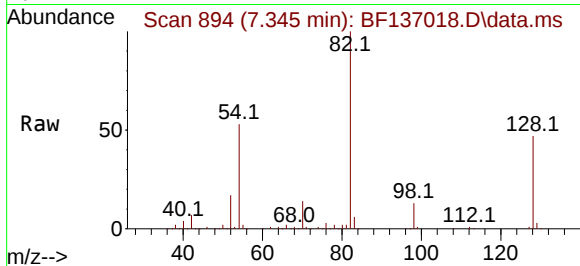
ClientSampleId :

69-2-TP

Tgt Ion: 82 Resp: 21377
Ion Ratio Lower Upper
82 100
128 46.9 35.3 52.9
54 53.4 44.5 66.7

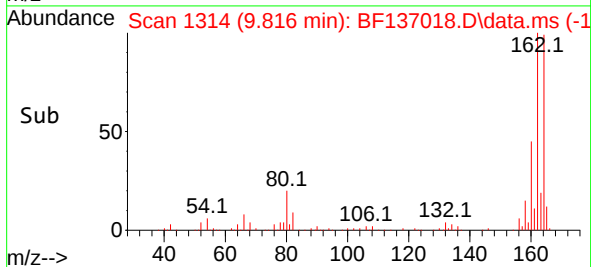
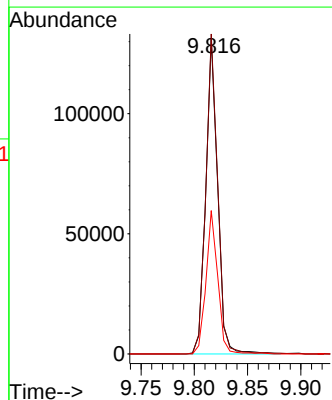
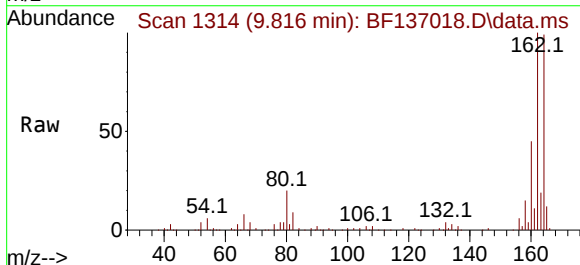
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Supervised By :mohammad ahmed 01/12/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

Tgt Ion:164 Resp: 102540
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 45.4 34.9 52.3





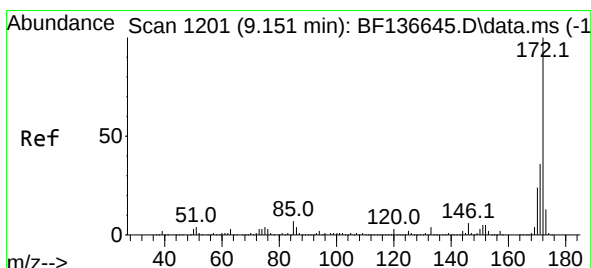
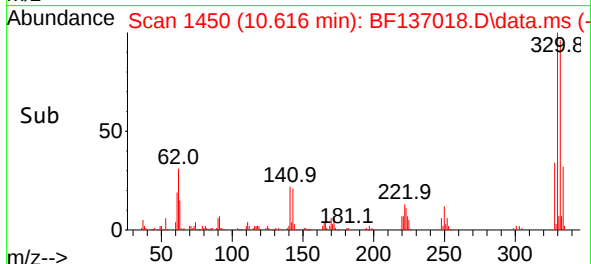
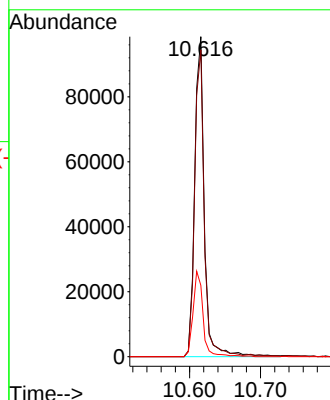
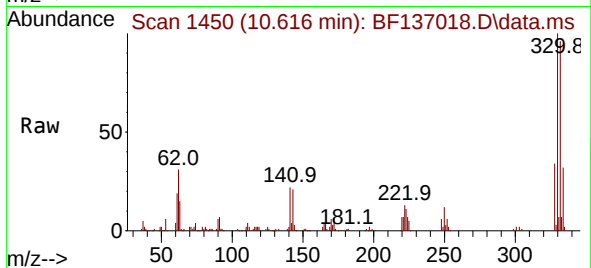
#42
2,4,6-Tribromophenol
Concen: 77.454 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

Instrument :
BNA_F
ClientSampleId :
69-2-TP

Tgt Ion:330 Resp: 93530
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 27.5 23.4 35.2

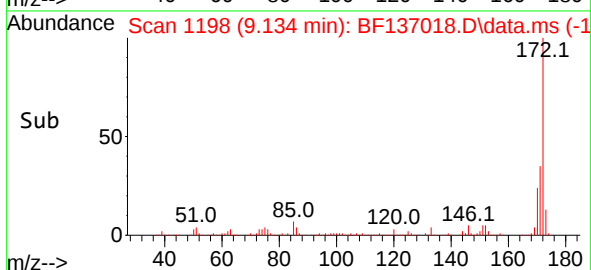
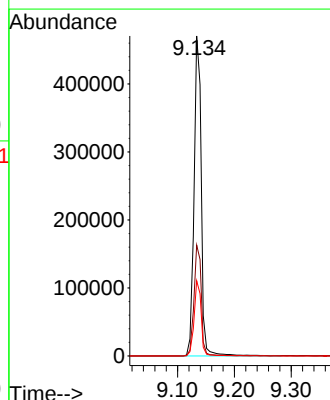
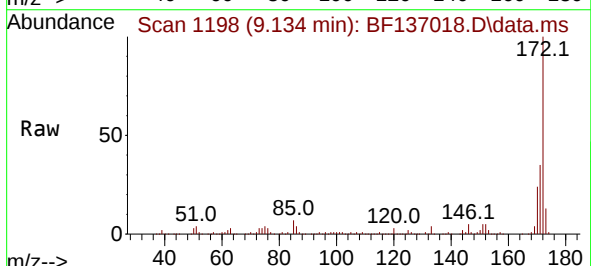
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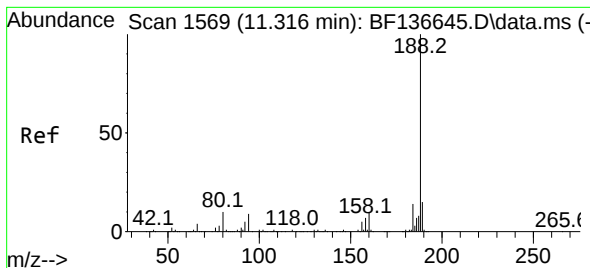
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#45
2-Fluorobiphenyl
Concen: 54.641 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

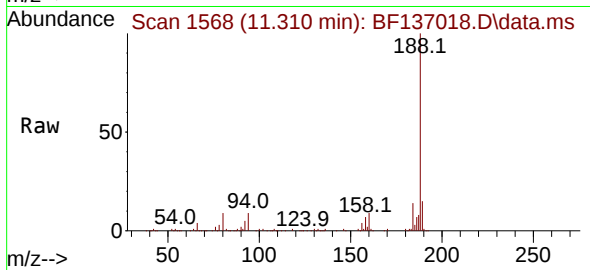
Tgt Ion:172 Resp: 416578
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.6
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

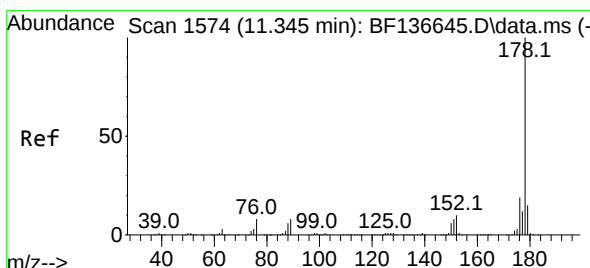
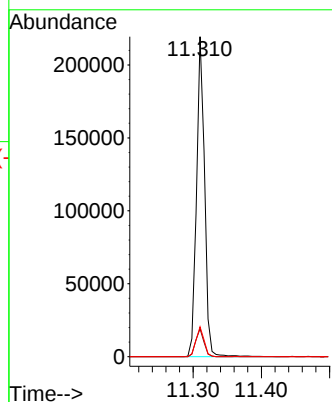
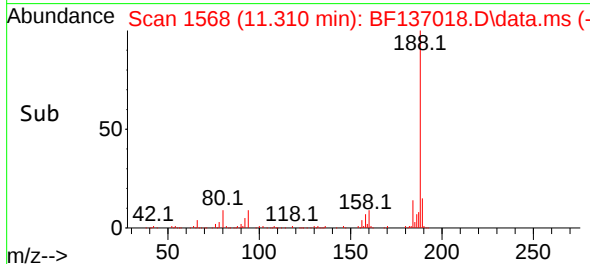
Instrument :
BNA_F
ClientSampleId :
69-2-TP



Tgt Ion:188 Resp: 179589
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.4 8.1 12.1

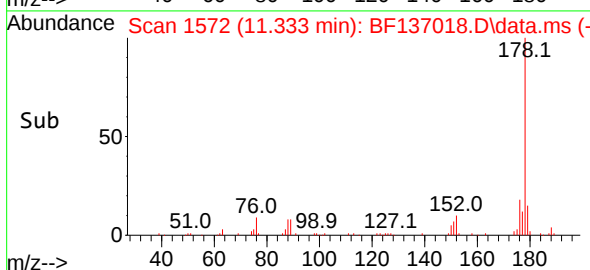
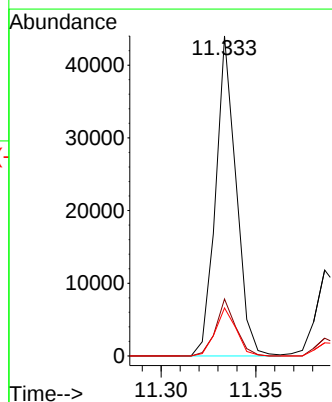
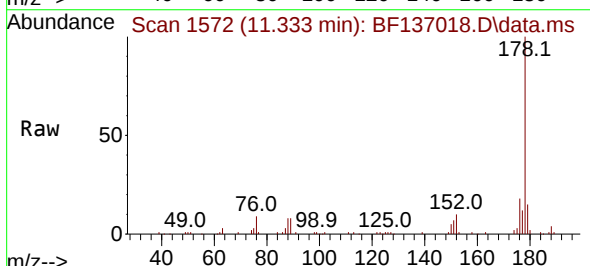
Manual Integrations
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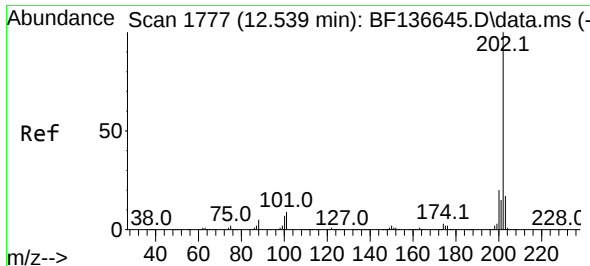
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#71
Phenanthrene
Concen: 3.597 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

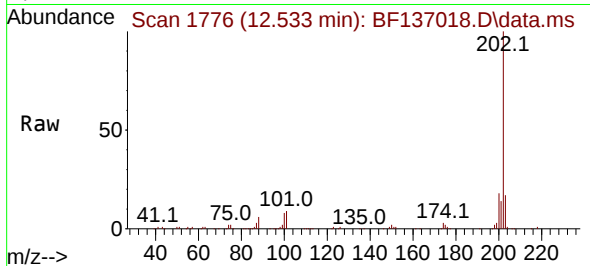
Tgt Ion:178 Resp: 33150
Ion Ratio Lower Upper
178 100
176 17.8 15.3 22.9
179 15.0 11.9 17.9





#75
Fluoranthene
Concen: 6.077 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

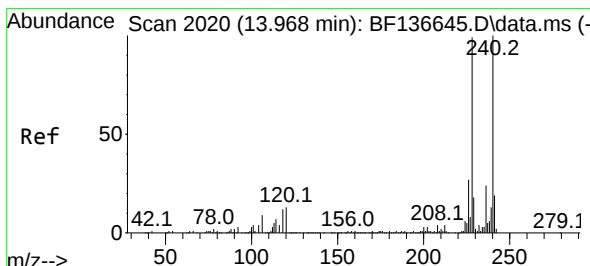
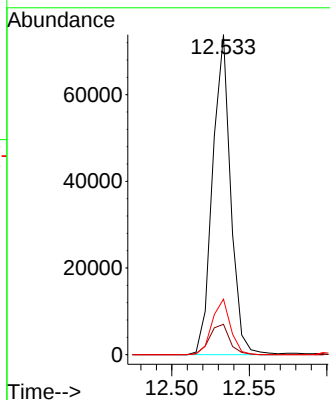
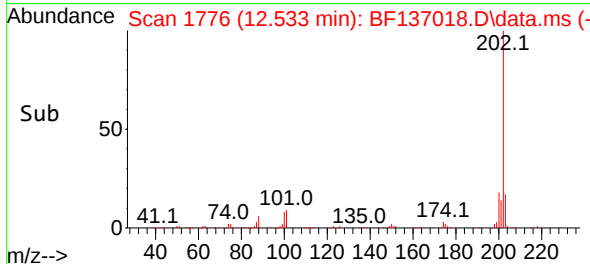
Instrument :
BNA_F
ClientSampleId :
69-2-TP



Tgt Ion:202 Resp: 59900
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.4 0.0 37.1

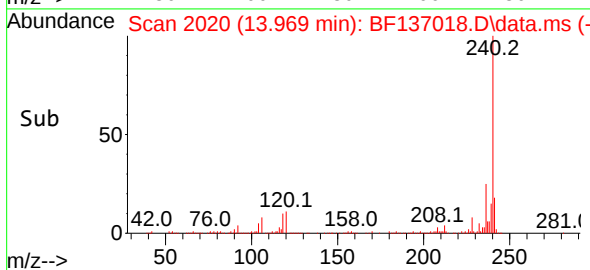
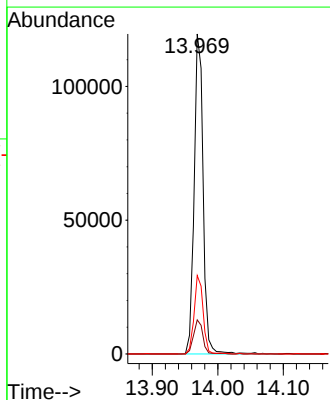
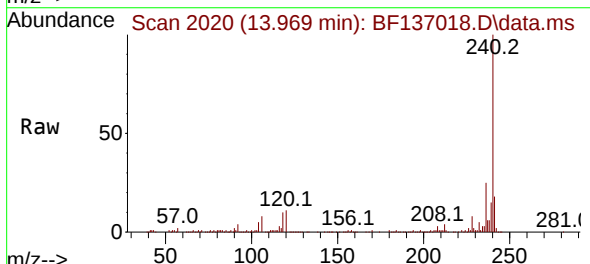
Manual Integrations
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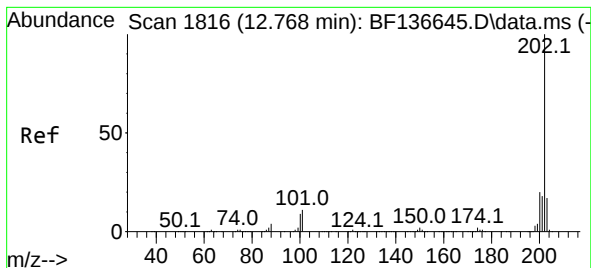
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

Tgt Ion:240 Resp: 114032
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 24.5 19.4 29.2





#78

Pyrene

Concen: 4.496 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137018.D

Acq: 10 Jan 2024 14:12

Instrument :

BNA_F

ClientSampleId :

69-2-TP

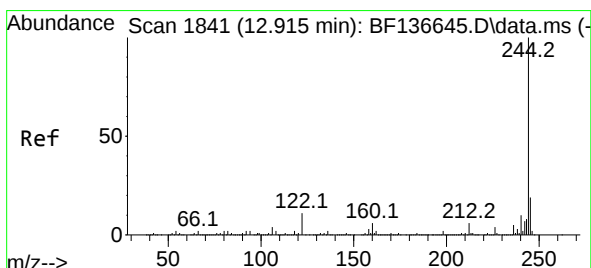
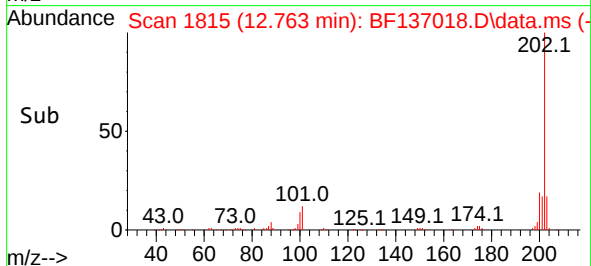
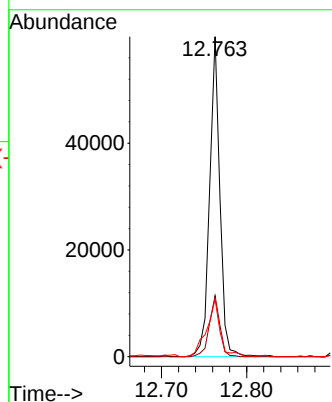
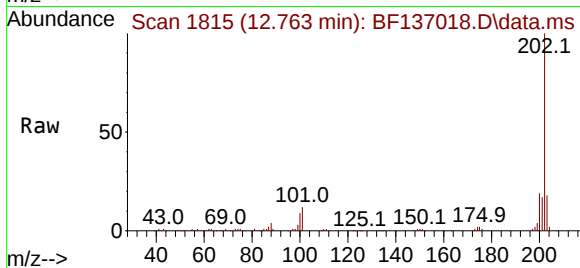
Tgt Ion:	202	Resp:	5032
Ion Ratio	Lower	Upper	
202	100		
200	19.1	15.9	23.9
203	17.9	13.8	20.6

Manual Integrations

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Supervised By :mohammad ahmed 01/12/2024



#79

Terphenyl-d14

Concen: 48.098 ng

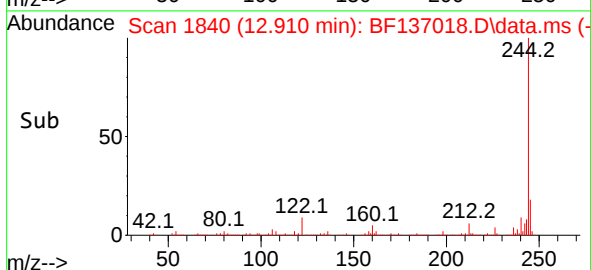
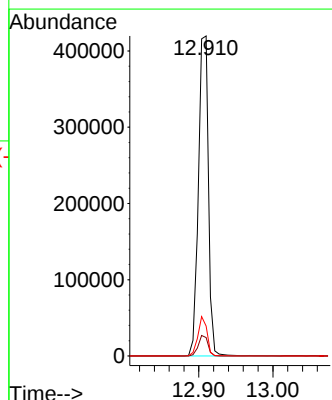
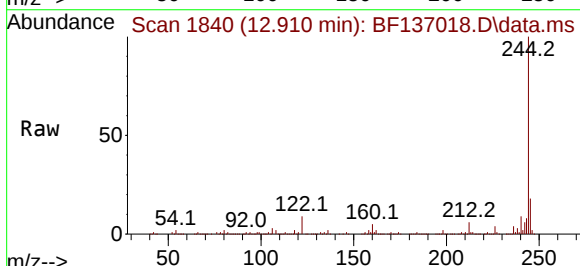
RT: 12.910 min Scan# 1840

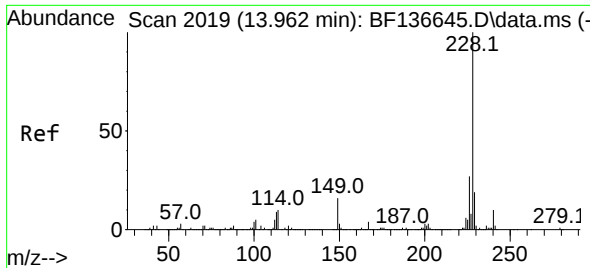
Delta R.T. -0.006 min

Lab File: BF137018.D

Acq: 10 Jan 2024 14:12

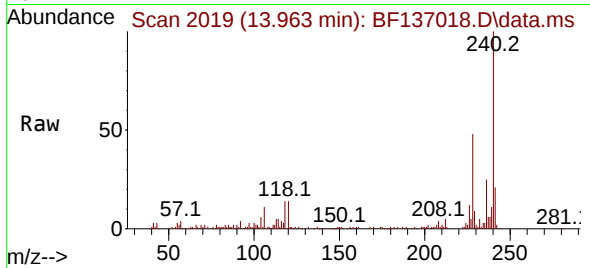
Tgt Ion:	244	Resp:	392472
Ion Ratio	Lower	Upper	
244	100		
212	5.8	5.0	7.4
122	9.4	9.0	13.4





#81
Benzo(a)anthracene
Concen: 2.940 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

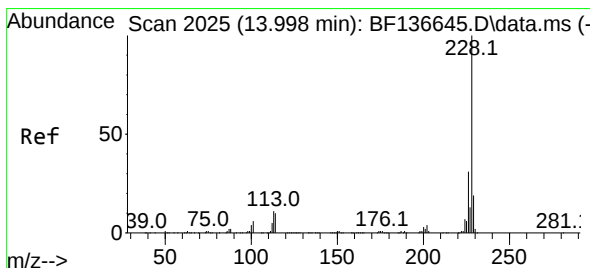
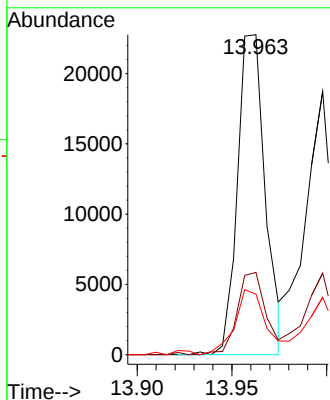
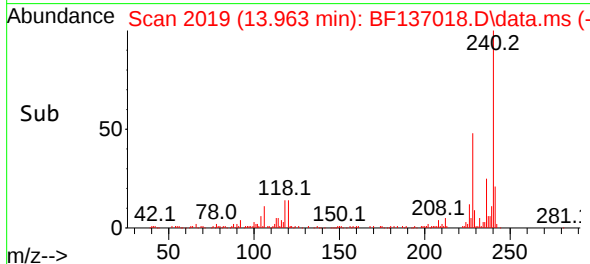
Instrument :
BNA_F
ClientSampleId :
69-2-TP



Tgt Ion:228 Resp: 23279
Ion Ratio Lower Upper
228 100
226 25.7 21.4 32.0
229 18.9 14.9 22.3

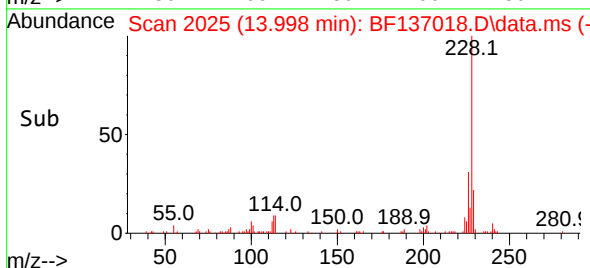
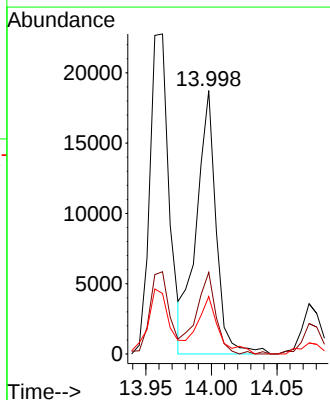
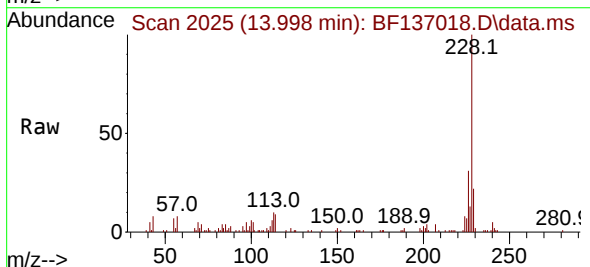
Manual Integrations
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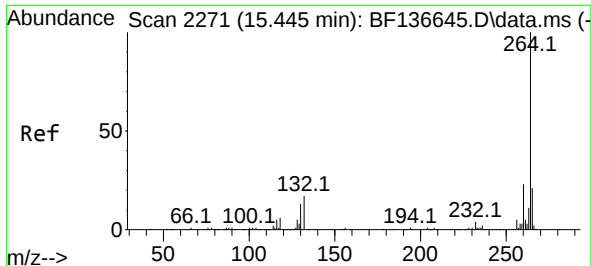
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#83
Chrysene
Concen: 2.558 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

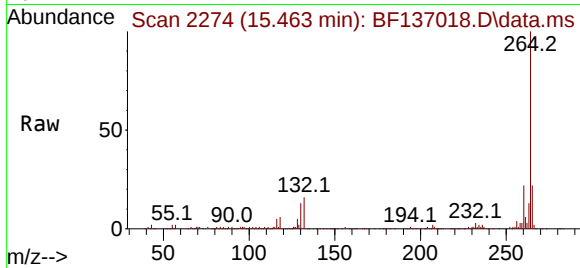
Tgt Ion:228 Resp: 19808
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 21.8 15.4 23.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF137018.D
 Acq: 10 Jan 2024 14:12

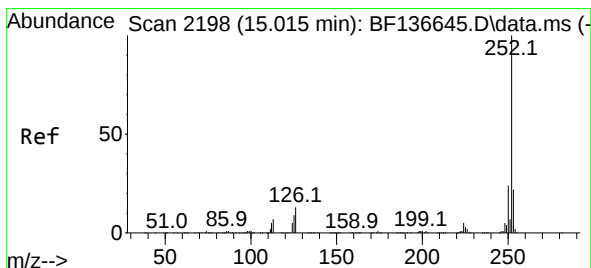
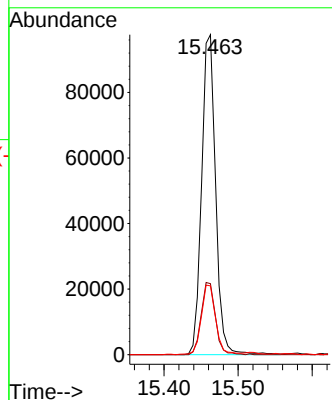
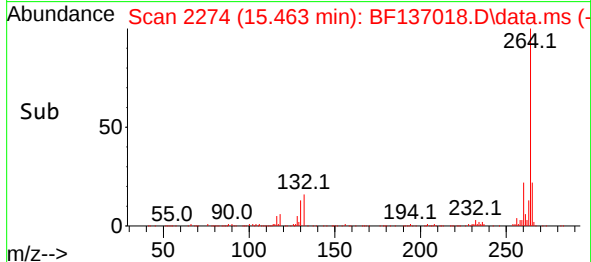
Instrument :
 BNA_F
 ClientSampleId :
 69-2-TP



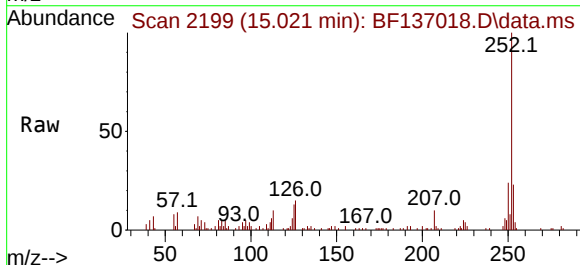
Tgt Ion:264 Resp: 128120
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 21.5 17.0 25.6

Manual Integrations
 APPROVED

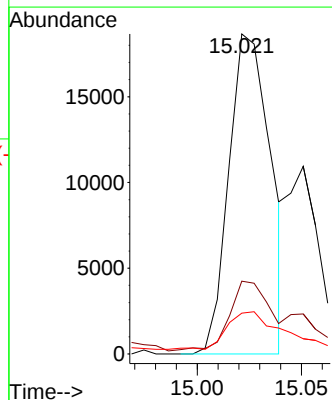
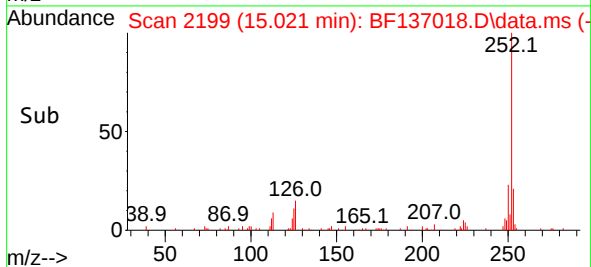
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

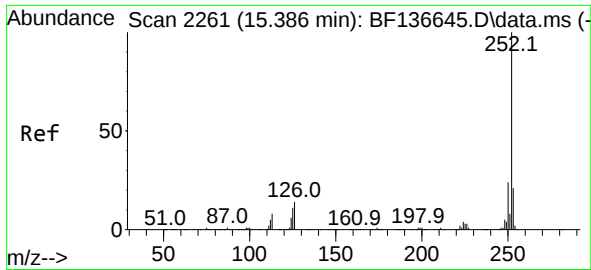


#88
 Benzo(b)fluoranthene
 Concen: 3.037 ng m
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF137018.D
 Acq: 10 Jan 2024 14:12



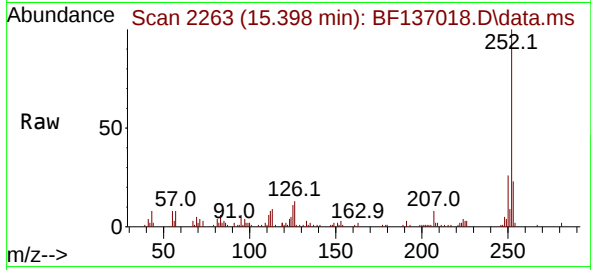
Tgt Ion:252 Resp: 25993
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.0
 125 12.8 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.994 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137018.D
Acq: 10 Jan 2024 14:12

Instrument :
BNA_F
ClientSampleId :
69-2-TP



Tgt Ion:252 Resp: 2162
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

