

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137003.D
 Acq On : 08 Jan 2024 19:33
 Operator : CG\JU
 Sample : P1051-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2024
 Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 09 00:42:25 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	65491	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	253925	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	126280	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	210918	20.000	ng	0.00
76) Chrysene-d12	13.969	240	115123	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	134858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	529516	126.154	ng	0.01
7) Phenol-d6	6.440	99	648360	119.211	ng	0.00
23) Nitrobenzene-d5	7.351	82	417291	84.093	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	164146	110.370	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	760448	80.994	ng	-0.01
79) Terphenyl-d14	12.904	244	580167	70.426	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	57500	5.313	ng	97
75) Fluoranthene	12.527	202	109946	9.498	ng	97
78) Pyrene	12.757	202	92489	8.184	ng	98
81) Benzo(a)anthracene	13.957	228	46709	5.843	ng	97
83) Chrysene	13.992	228	43419	5.554	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	29140	2.993	ng	96
88) Benzo(b)fluoranthene	15.015	252	59354m	6.590	ng	
89) Benzo(k)fluoranthene	15.045	252	23643m	2.778	ng	
90) Benzo(a)pyrene	15.386	252	43386	5.706	ng	# 97
92) Benzo(g,h,i)perylene	17.427	276	27377	3.346	ng	93

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

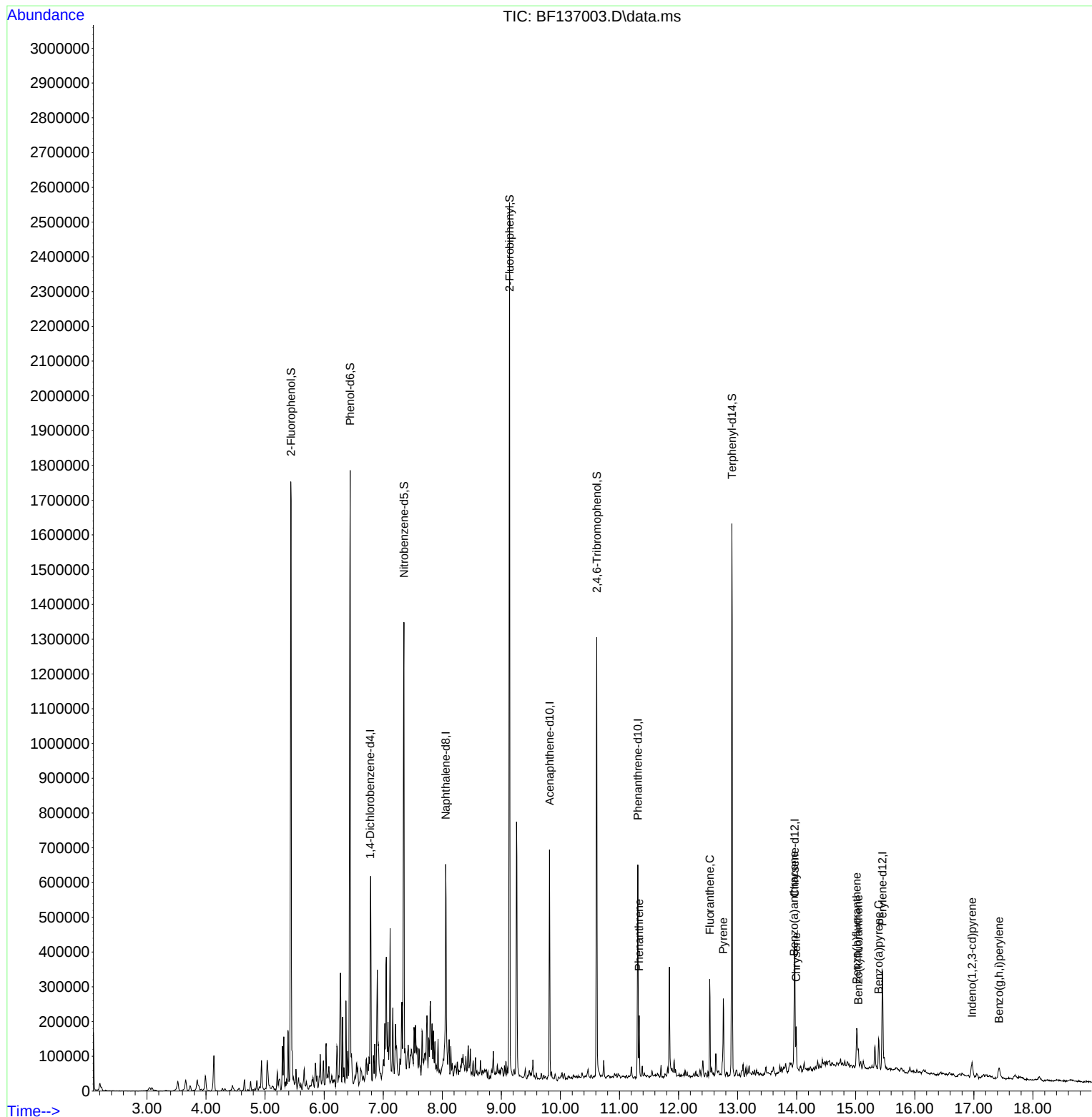
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

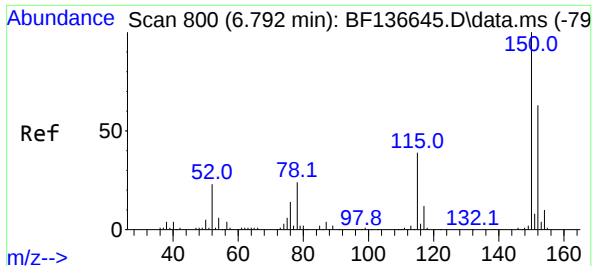
Instrument :
BNA_F
ClientSampleId :
340

Quant Time: Jan 09 00:42:25 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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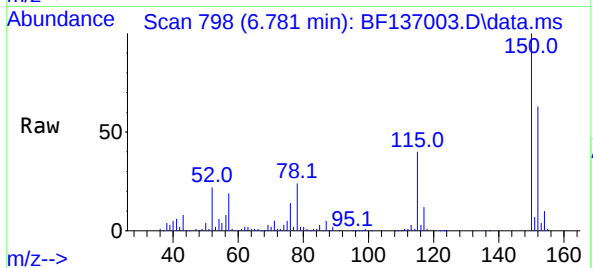
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 74
Delta R.T. -0.011 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

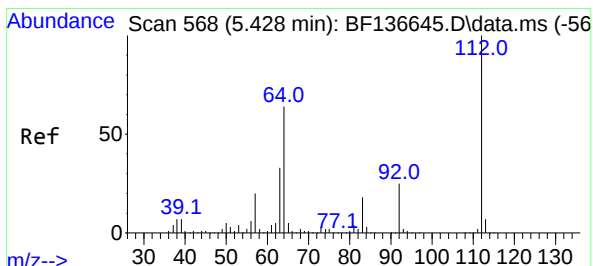
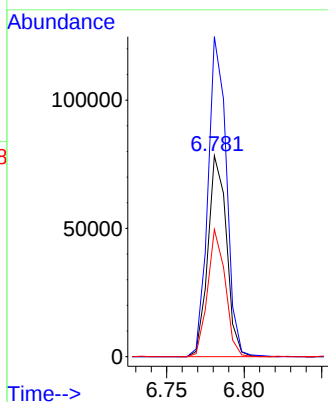
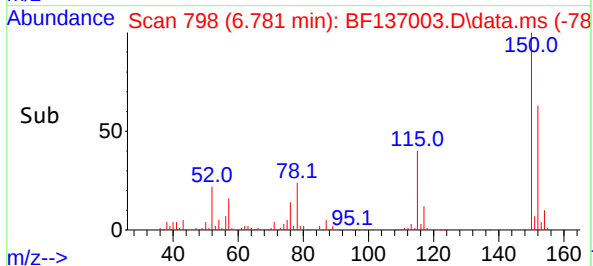
Instrument :
BNA_F
ClientSampleId :
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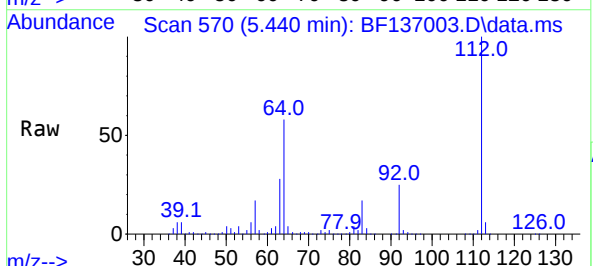
Tgt Ion:152 Resp: 6549
Ion Ratio Lower Upper
152 100
150 159.3 127.0 190.6
115 63.3 49.0 73.4

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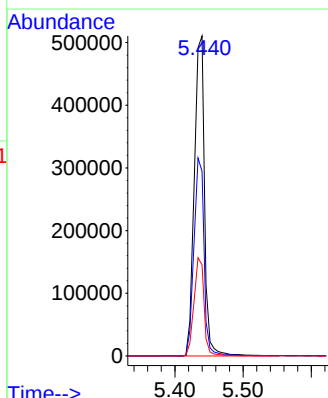
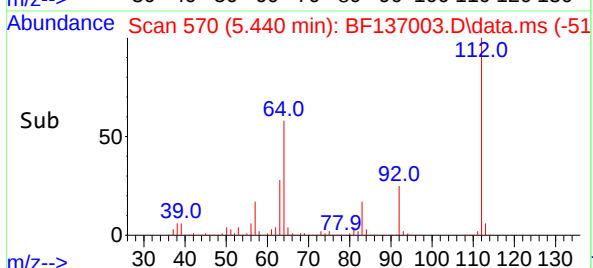
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

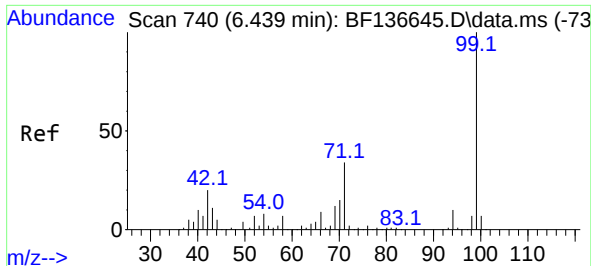


#5
2-Fluorophenol
Concen: 126.154 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33



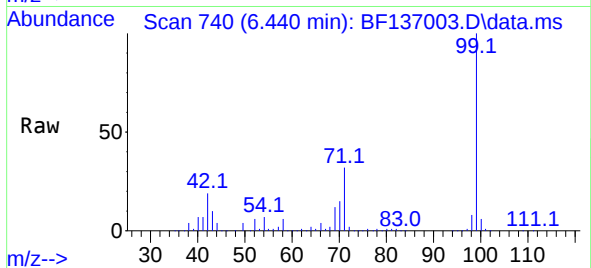
Tgt Ion:112 Resp: 529516
Ion Ratio Lower Upper
112 100
64 57.7 51.1 76.7
63 28.5 26.1 39.1





#7
Phenol-d6
Concen: 119.211 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

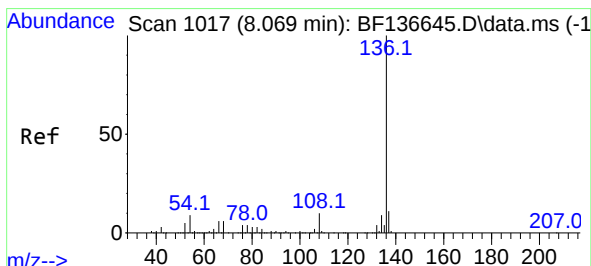
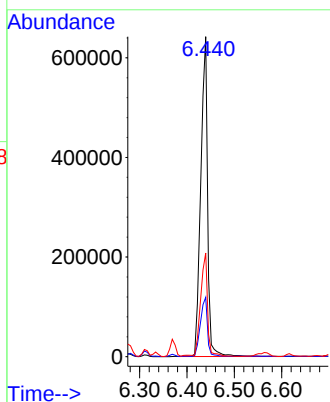
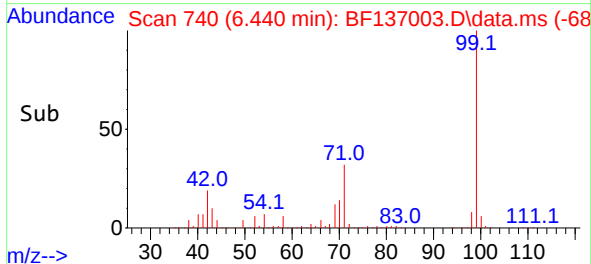
Instrument :
BNA_F
ClientSampleId :
340



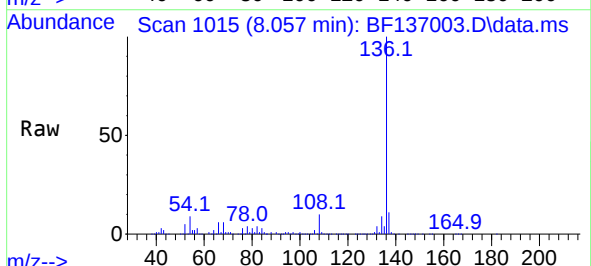
Tgt Ion: 99 Resp: 648360
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 32.4 27.4 41.2

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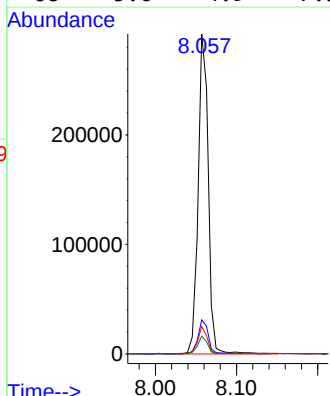
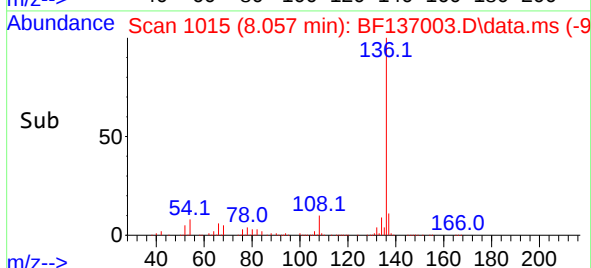
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

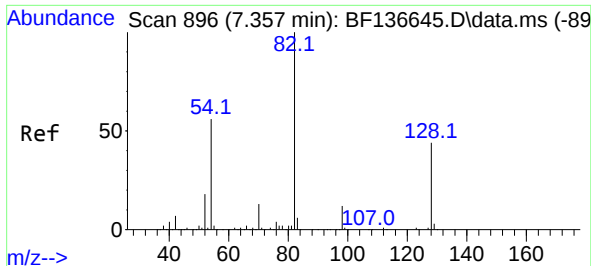


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33



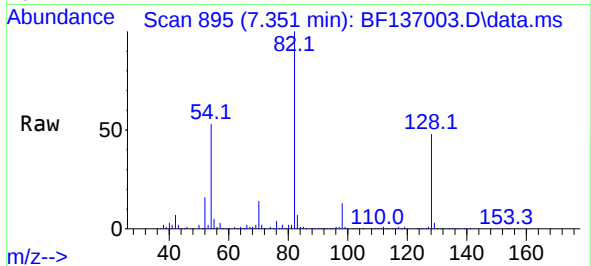
Tgt Ion:136 Resp: 253925
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.6 7.2 10.8
68 5.6 4.9 7.3





#23
Nitrobenzene-d5
Concen: 84.093 ng
RT: 7.351 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

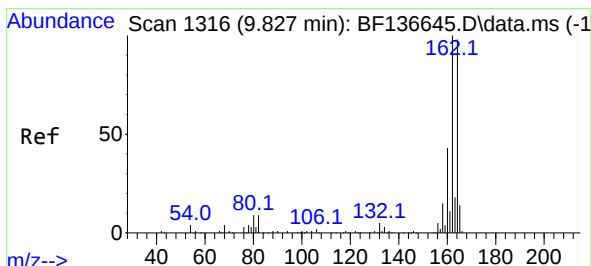
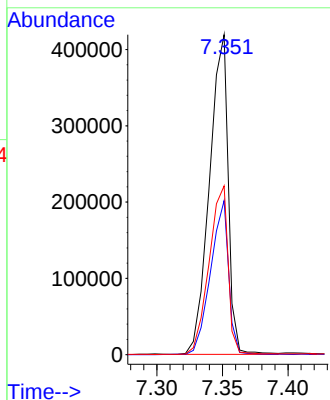
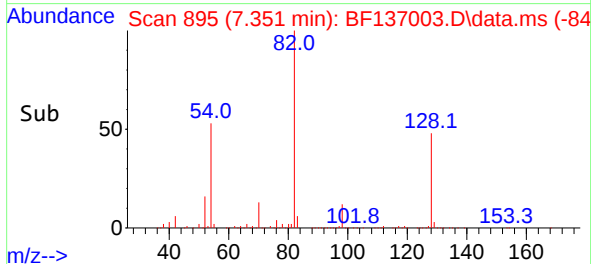
Instrument :
BNA_F
ClientSampleId :
340



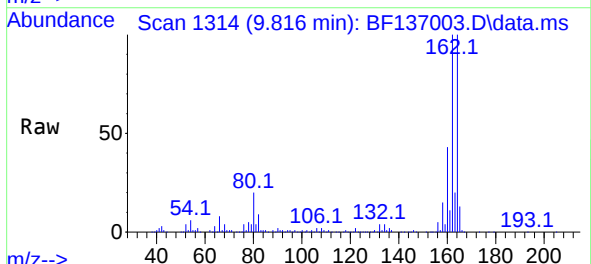
Tgt Ion: 82 Resp: 41729
Ion Ratio Lower Upper
82 100
128 48.1 35.3 52.9
54 52.8 44.5 66.7

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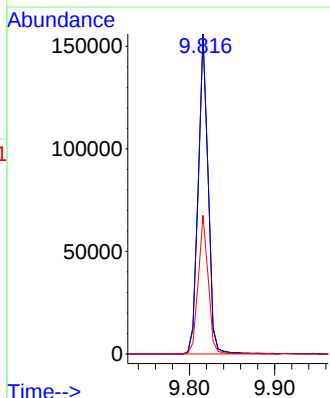
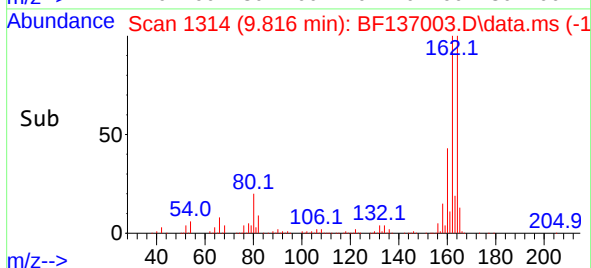
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

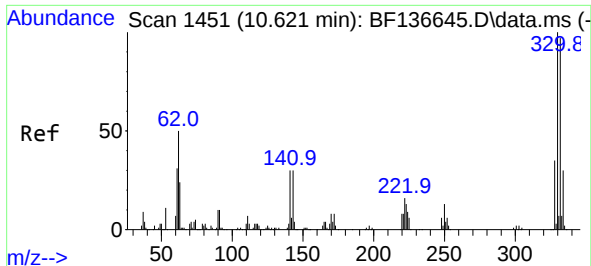


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33



Tgt Ion:164 Resp: 126280
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 43.4 34.9 52.3





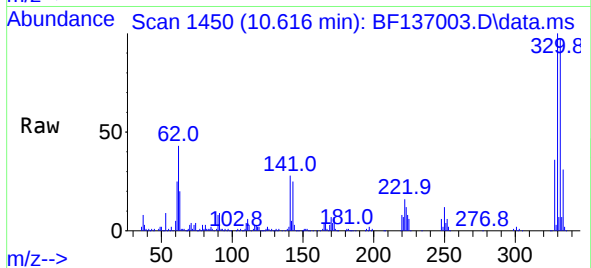
#42
2,4,6-Tribromophenol
Concen: 110.370 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

Instrument :

BNA_F

ClientSampleId :

340



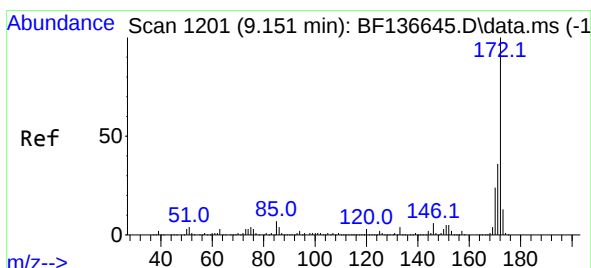
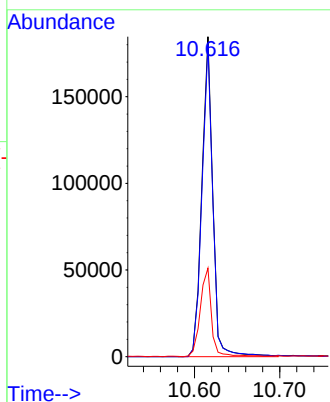
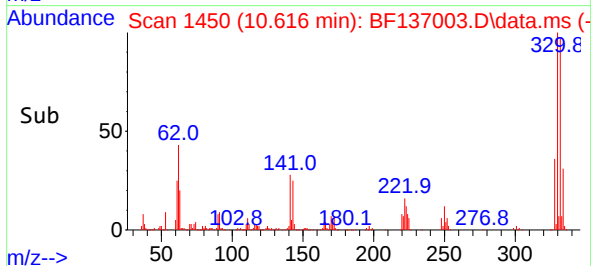
Tgt Ion:330 Resp: 164140
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 28.8 23.4 35.2

Manual Integrations

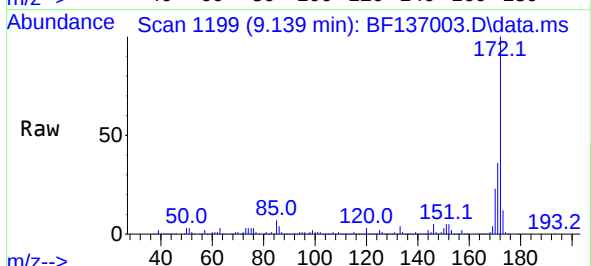
APPROVED

Reviewed By :Yogesh Patel 01/09/2024

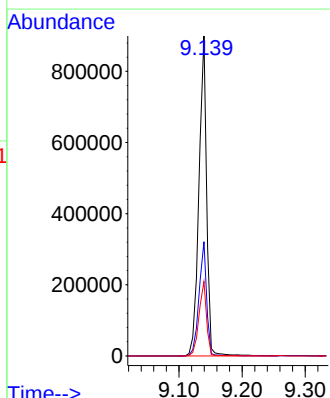
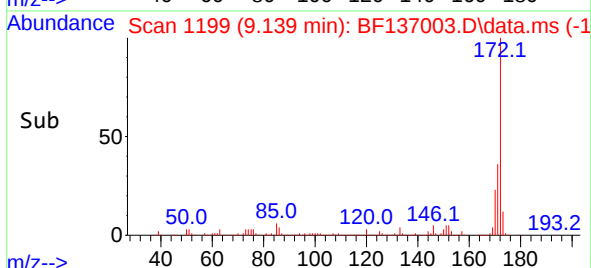
Supervised By :mohammad ahmed 01/09/2024

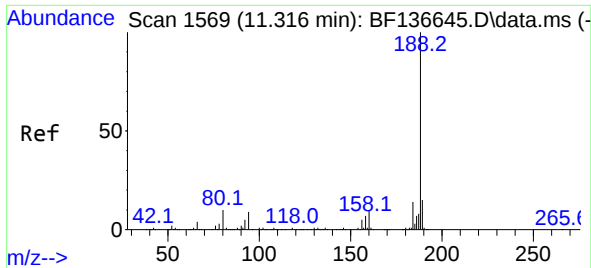


#45
2-Fluorobiphenyl
Concen: 80.994 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33



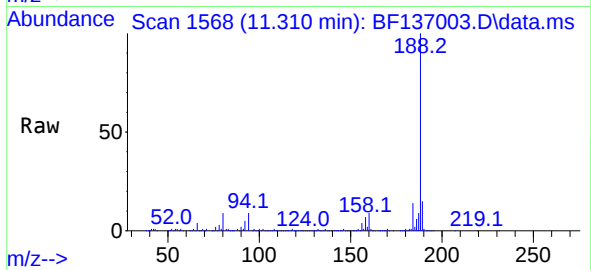
Tgt Ion:172 Resp: 760448
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

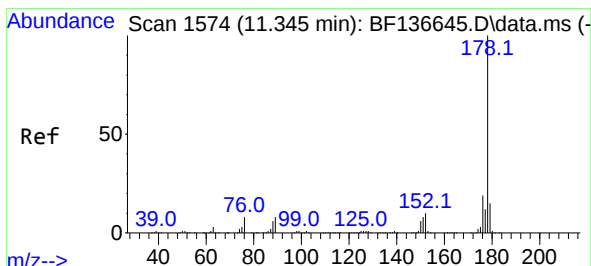
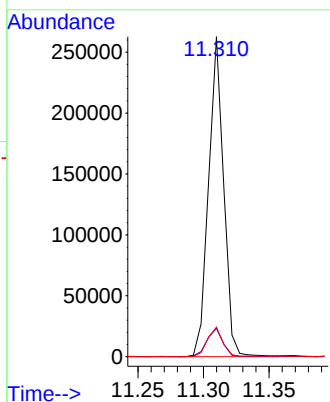
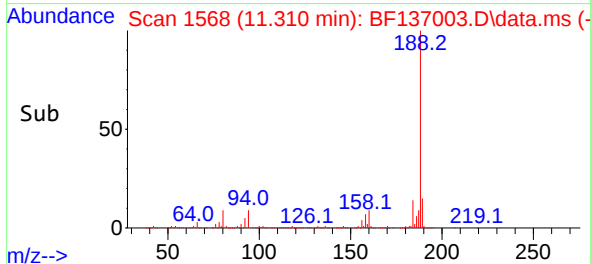
Instrument :
BNA_F
ClientSampleId :
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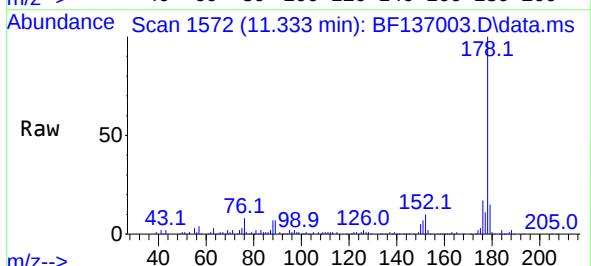
Tgt Ion:188 Resp: 210918
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.3 8.1 12.1

Manual Integrations
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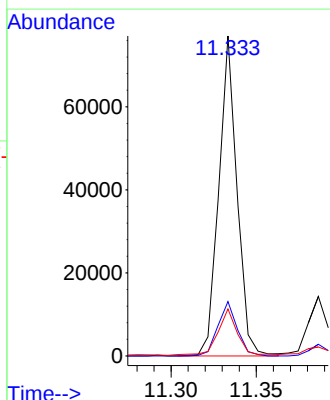
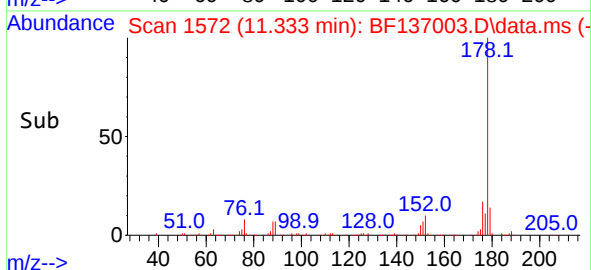
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

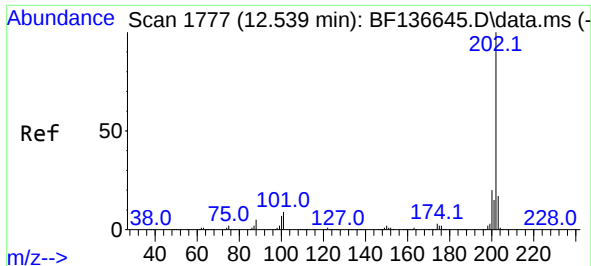


#71
Phenanthrene
Concen: 5.313 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33



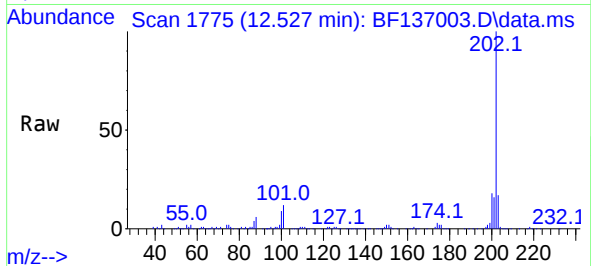
Tgt Ion:178 Resp: 57500
Ion Ratio Lower Upper
178 100
176 17.0 15.3 22.9
179 14.7 11.9 17.9





#75
Fluoranthene
Concen: 9.498 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

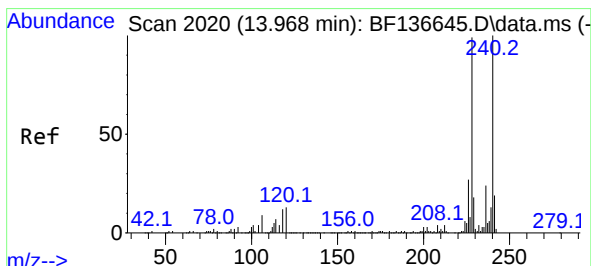
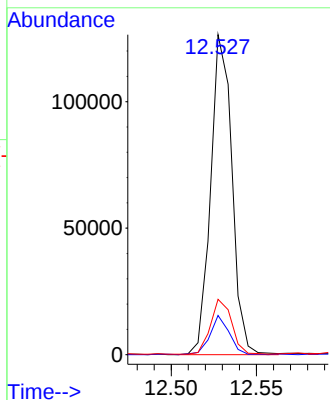
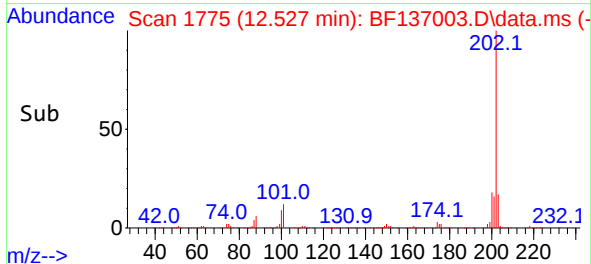
Instrument :
BNA_F
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340



Tgt Ion:202 Resp: 109940
Ion Ratio Lower Upper
202 100
101 12.2 0.0 29.3
203 17.3 0.0 37.1

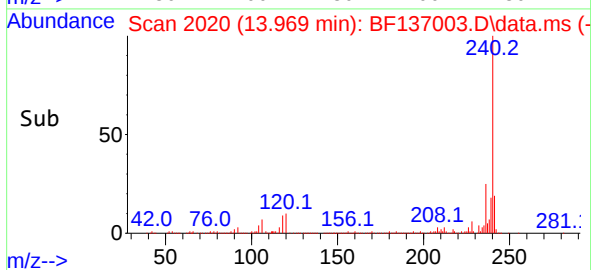
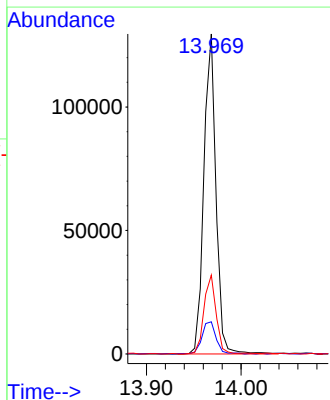
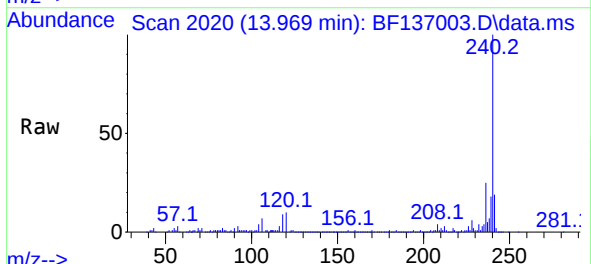
Manual Integrations
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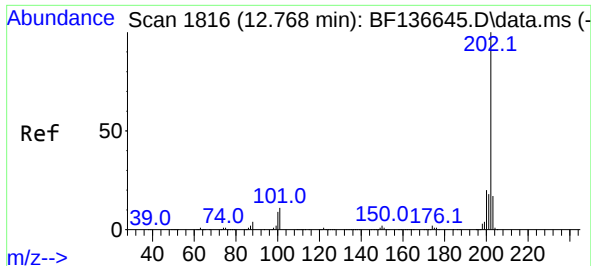
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

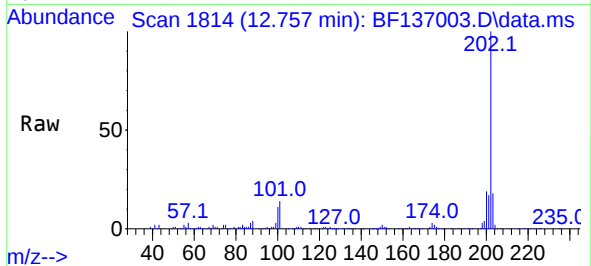
Tgt Ion:240 Resp: 115123
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 24.6 19.4 29.2





#78
Pyrene
Concen: 8.184 ng
RT: 12.757 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

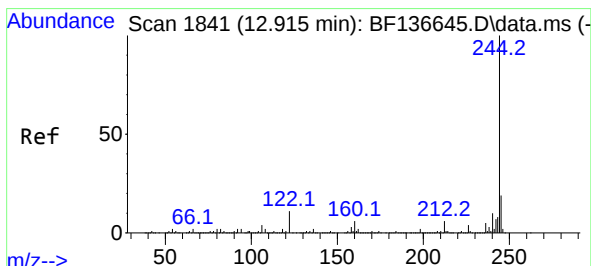
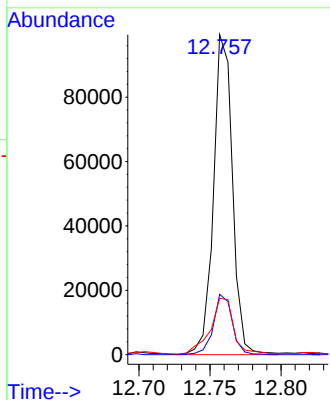
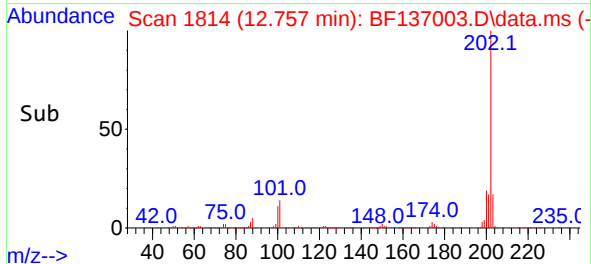
Instrument :
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ClientSampleId :
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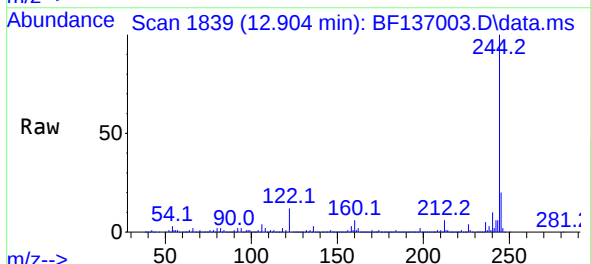
Tgt Ion:202 Resp: 92489
Ion Ratio Lower Upper
202 100
200 18.9 15.9 23.9
203 17.7 13.8 20.6

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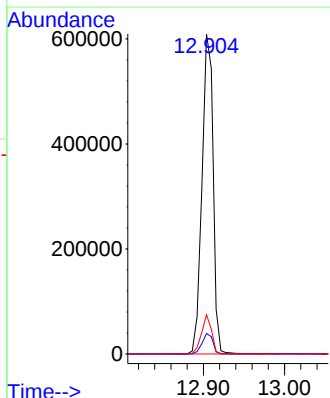
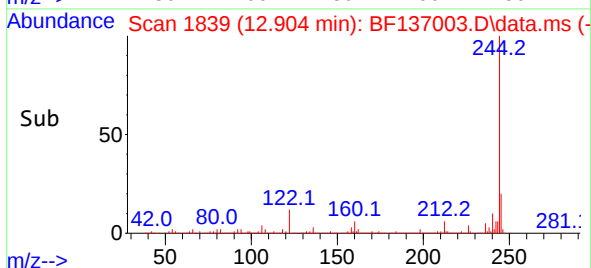
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

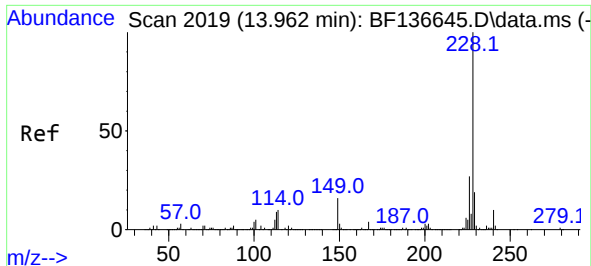


#79
Terphenyl-d14
Concen: 70.426 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33



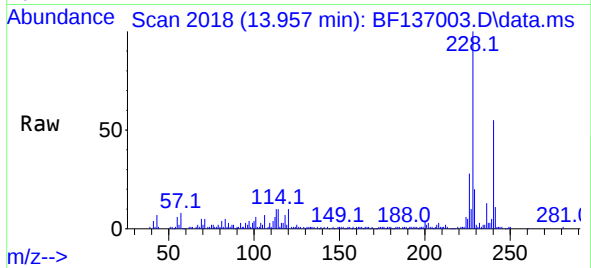
Tgt Ion:244 Resp: 580167
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.3 9.0 13.4





#81
Benzo(a)anthracene
Concen: 5.843 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

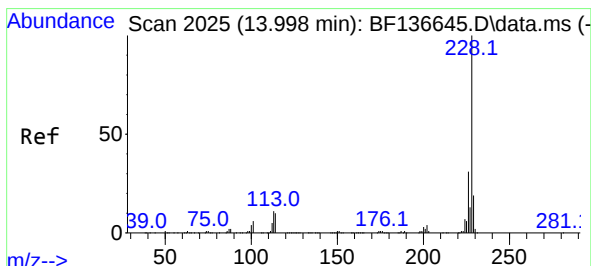
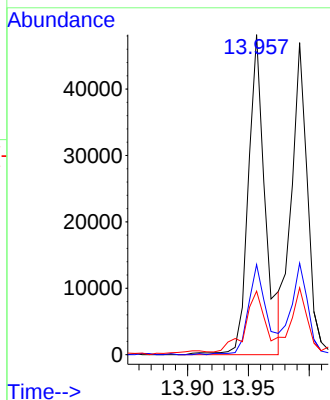
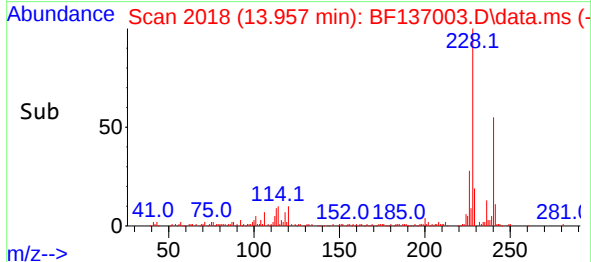
Instrument :
BNA_F
ClientSampleId :
340



Tgt Ion:228 Resp: 46709
Ion Ratio Lower Upper
228 100
226 28.1 21.4 32.0
229 19.8 14.9 22.3

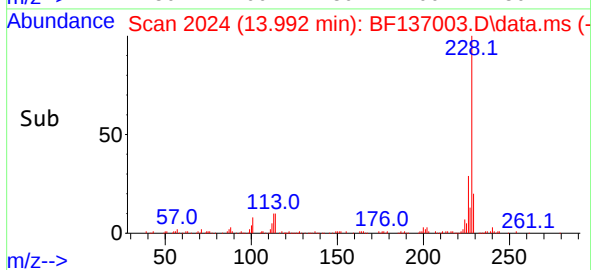
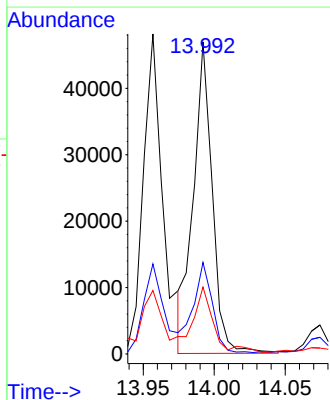
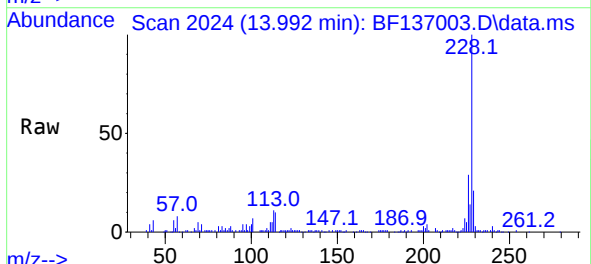
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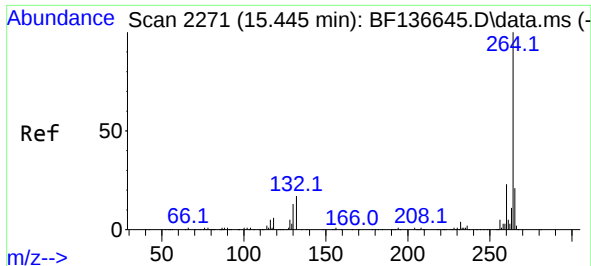
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#83
Chrysene
Concen: 5.554 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

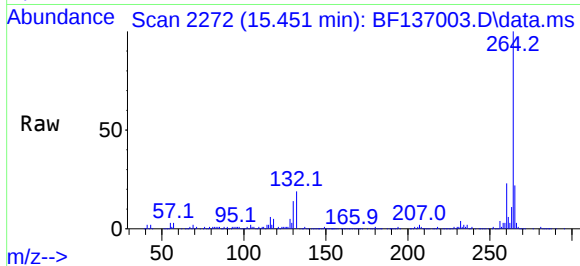
Tgt Ion:228 Resp: 43419
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 21.4 15.4 23.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

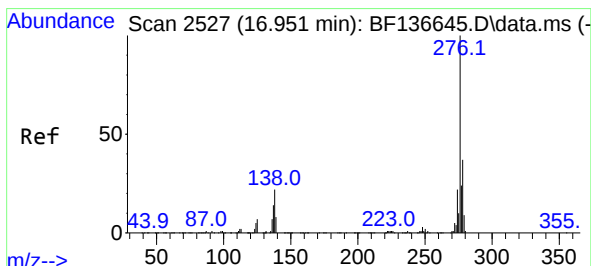
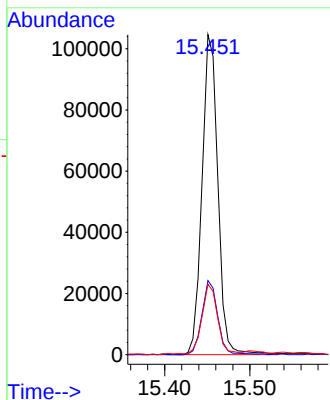
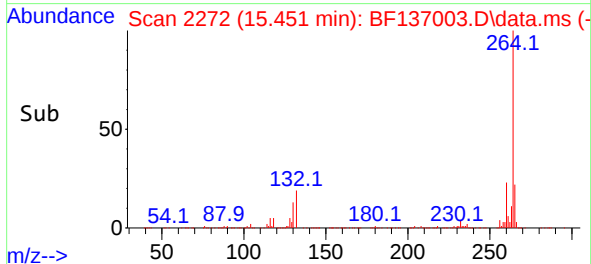
Instrument :
BNA_F
ClientSampleId :
340



Tgt Ion:264 Resp: 13485
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.0 17.0 25.6

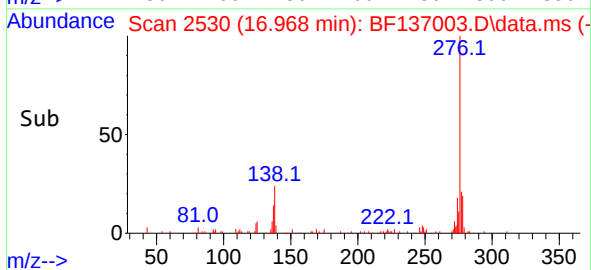
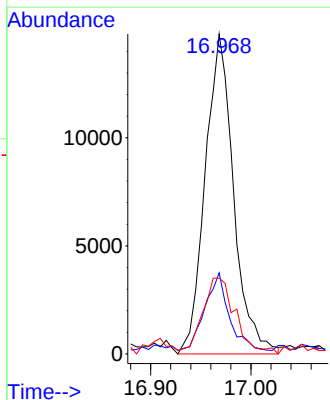
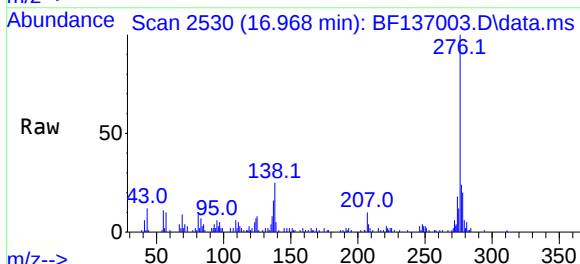
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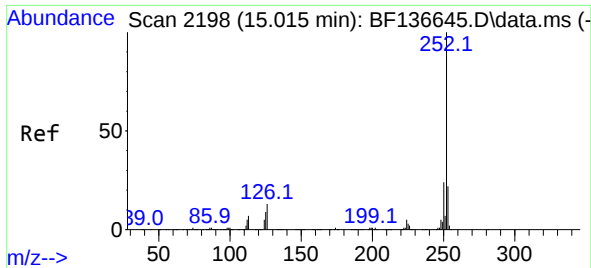
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.993 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.018 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

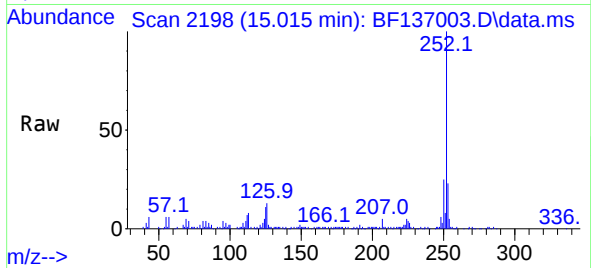
Tgt Ion:276 Resp: 29140
Ion Ratio Lower Upper
276 100
138 21.4 18.7 28.1
277 27.2 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 6.590 ng m
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

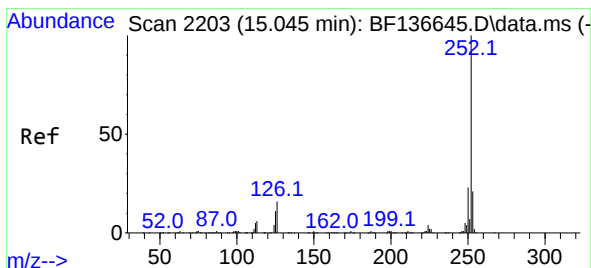
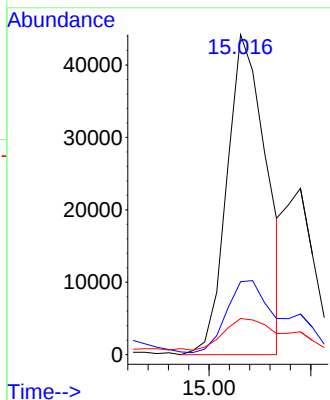
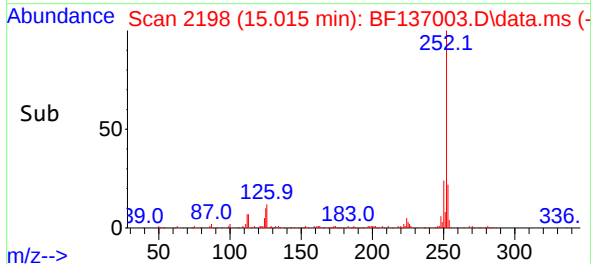
Instrument :
BNA_F
ClientSampleId :
340



Tgt Ion:252 Resp: 59354
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.3 7.4 11.2

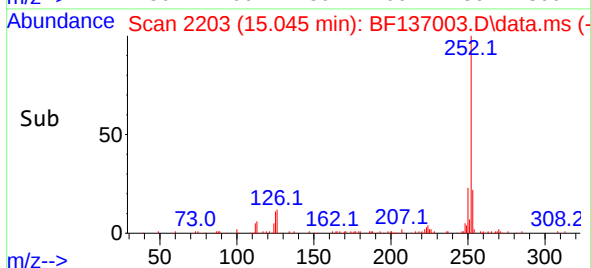
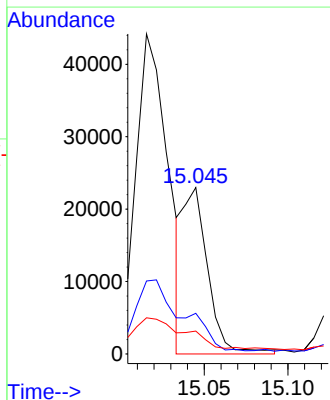
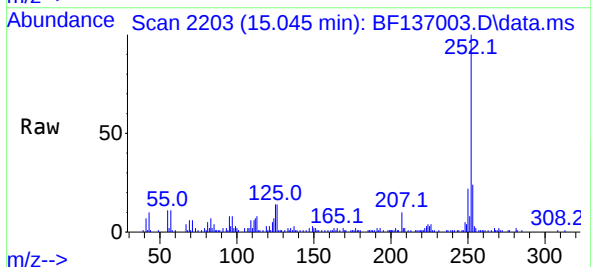
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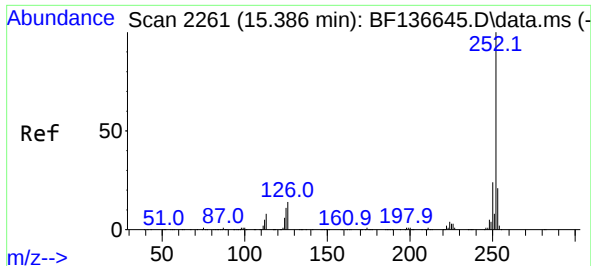
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#89
Benzo(k)fluoranthene
Concen: 2.778 ng m
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

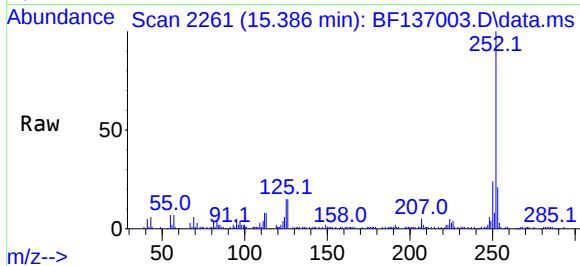
Tgt Ion:252 Resp: 23643
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.6
125 13.7 8.2 12.4





#90
Benzo(a)pyrene
Concen: 5.706 ng
RT: 15.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33

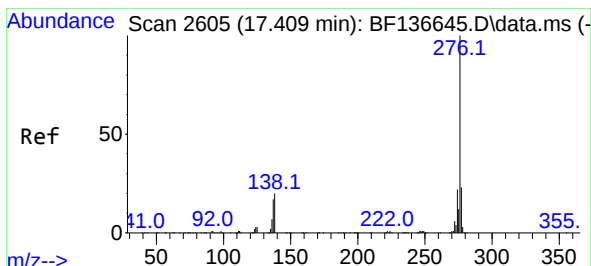
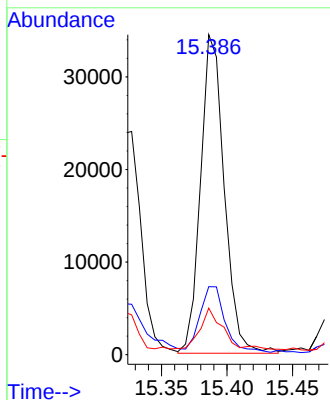
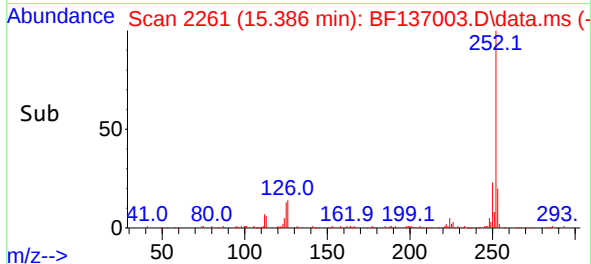
Instrument :
BNA_F
ClientSampleId :
340



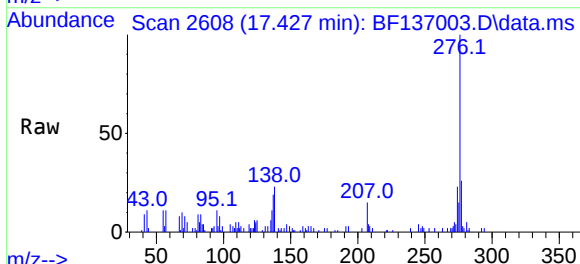
Tgt Ion:252 Resp: 43380
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 14.6 8.8 13.2

Manual Integrations
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Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#92
Benzo(g,h,i)perylene
Concen: 3.346 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF137003.D
Acq: 08 Jan 2024 19:33



Tgt Ion:276 Resp: 27377
Ion Ratio Lower Upper
276 100
277 26.0 18.3 27.5
138 22.7 15.6 23.4

