

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136813.D
 Acq On : 29 Dec 2023 01:26
 Operator : CG\JU
 Sample : 05883-03RE 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-121523RE

Quant Time: Dec 29 01:58:34 2023
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	61941	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	188649	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	80006	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	167270	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	147365	20.000	ng	0.00
86) Perylene-d12	15.445	264	105812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	59551	15.001	ng	-0.01
7) Phenol-d6	6.422	99	68373	13.292	ng	-0.02
23) Nitrobenzene-d5	7.339	82	40337	10.941	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	14374	15.255	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	67227	11.302	ng	-0.02
79) Terphenyl-d14	12.898	244	94156	8.929	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.327	178	18773	2.187	ng	98
75) Fluoranthene	12.527	202	47500	5.174	ng	98
78) Pyrene	12.757	202	68979	4.768	ng	99
81) Benzo(a)anthracene	13.951	228	25312	2.474	ng	93
83) Chrysene	13.986	228	22757m	2.274	ng	
88) Benzo(b)fluoranthene	15.009	252	17899m	2.533	ng	
90) Benzo(a)pyrene	15.380	252	13051	2.188	ng	# 81

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

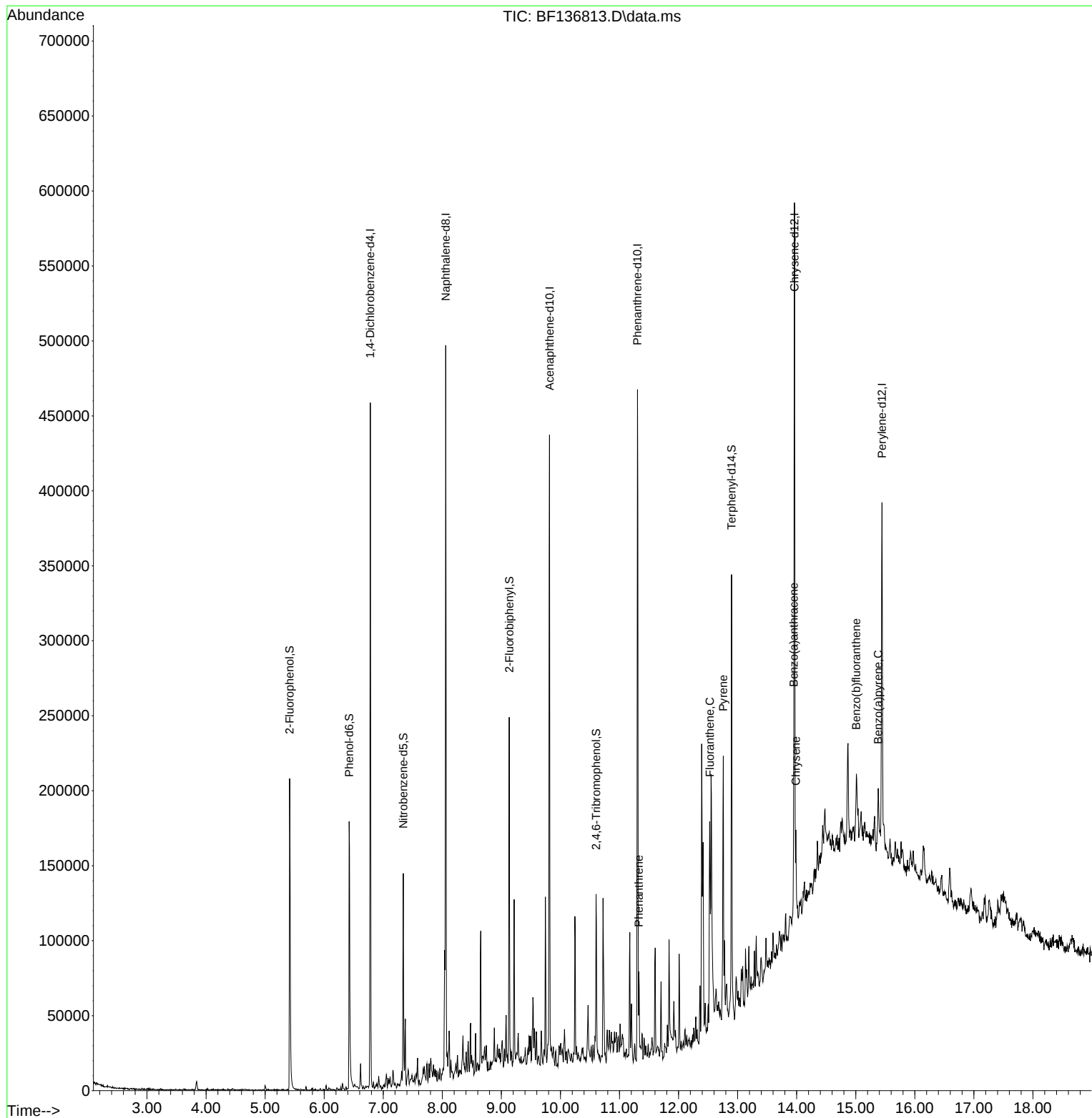
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136813.D
Acq On : 29 Dec 2023 01:26
Operator : CG\JU
Sample : 05883-03RE 5X
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ALS Vial : 19 Sample Multiplier: 1

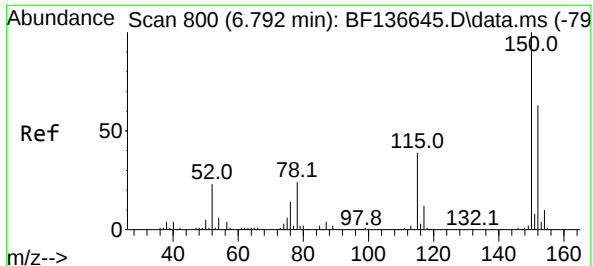
Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE

Quant Time: Dec 29 01:58:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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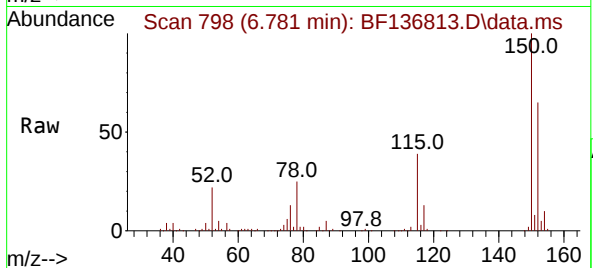
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

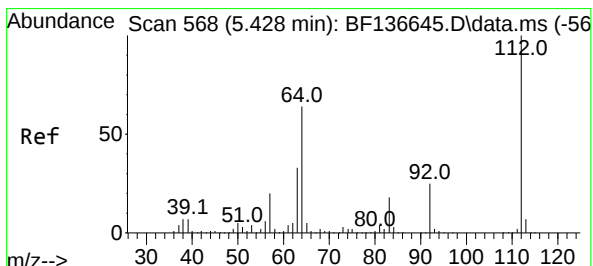
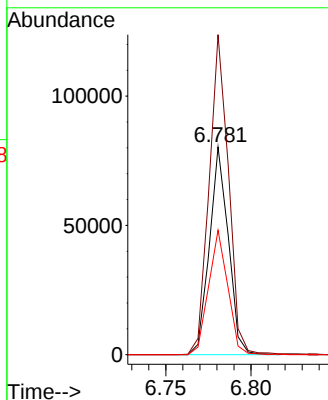
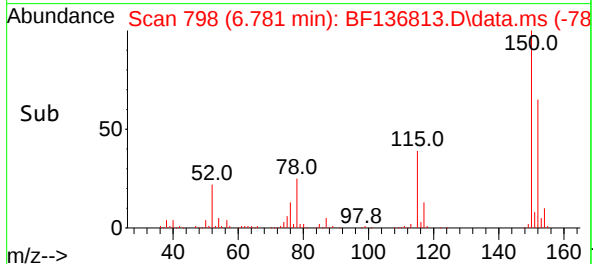
Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE



Tgt Ion:152 Resp: 6194
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 59.9 49.0 73.4

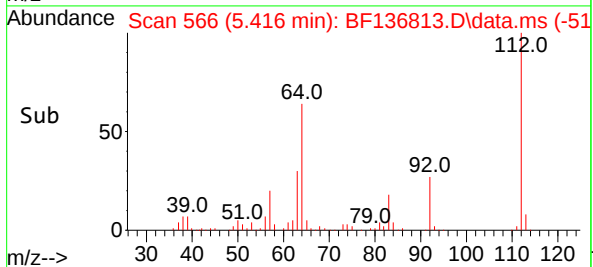
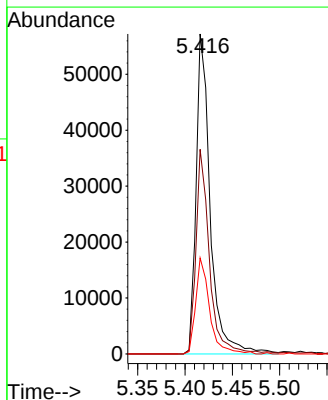
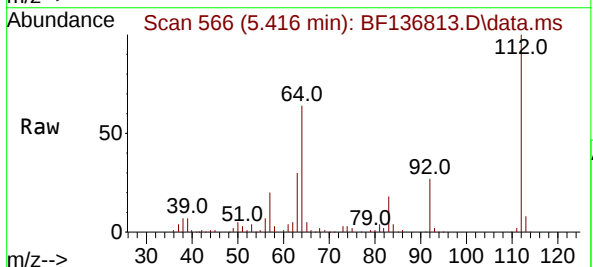
Manual Integrations
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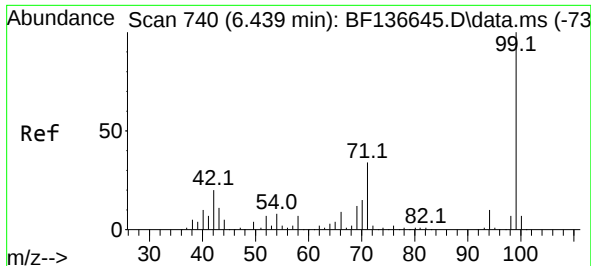
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#5
2-Fluorophenol
Concen: 15.001 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

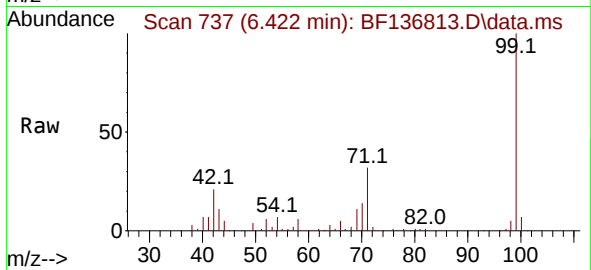
Tgt Ion:112 Resp: 59551
Ion Ratio Lower Upper
112 100
64 64.0 51.1 76.7
63 30.0 26.1 39.1





#7
Phenol-d6
Concen: 13.292 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

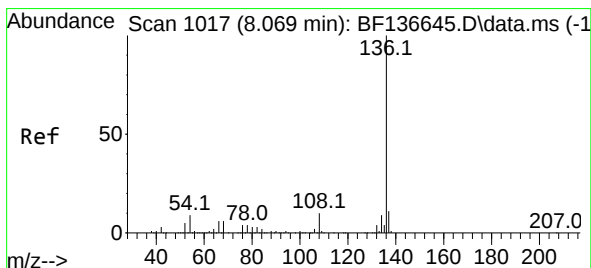
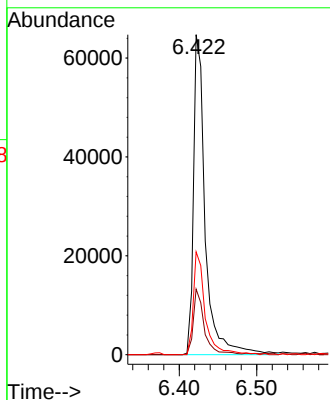
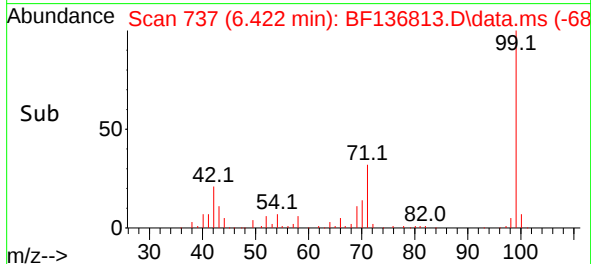
Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE



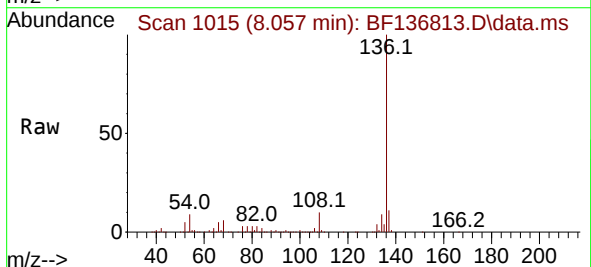
Tgt Ion: 99 Resp: 6837
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 32.2 27.4 41.2

Manual Integrations
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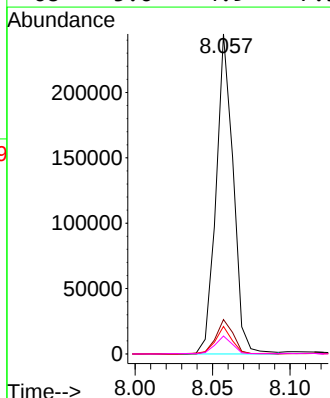
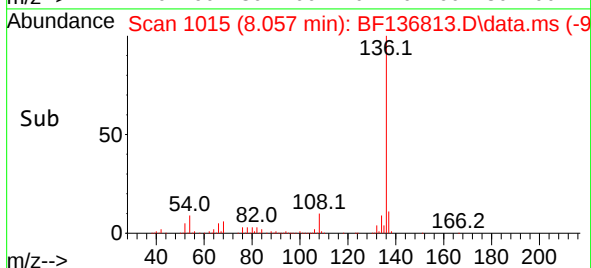
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

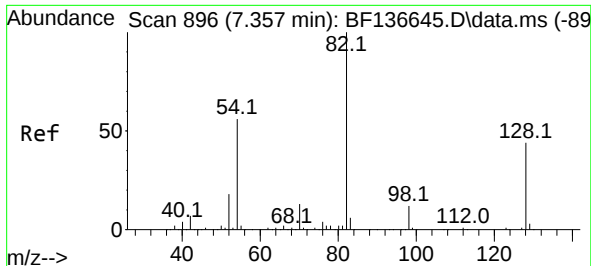


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26



Tgt Ion:136 Resp: 188649
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





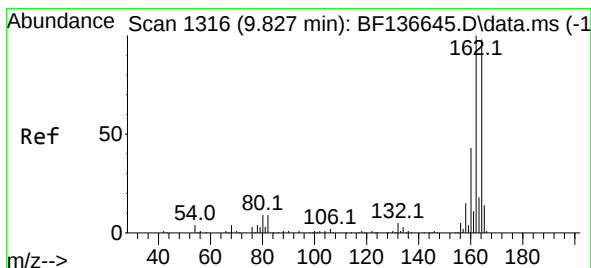
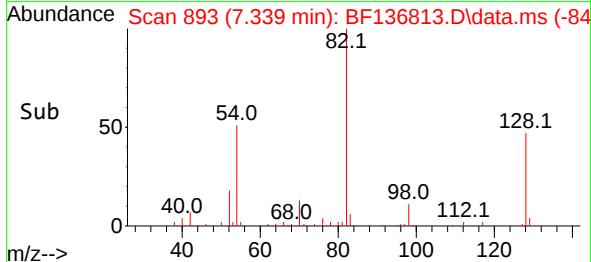
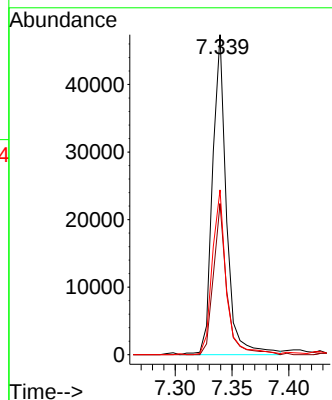
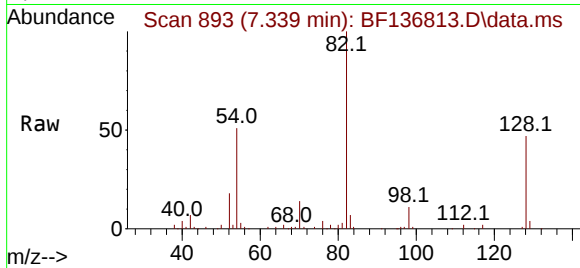
#23
Nitrobenzene-d5
Concen: 10.941 ng
RT: 7.339 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE

Tgt Ion: 82 Resp: 4033
Ion Ratio Lower Upper
82 100
128 47.2 35.3 52.9
54 51.5 44.5 66.7

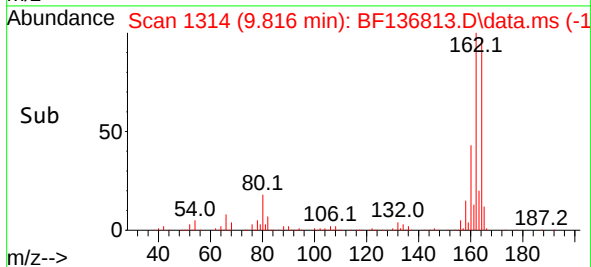
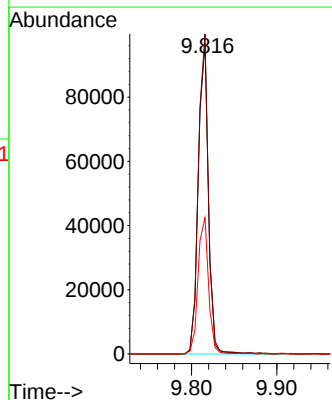
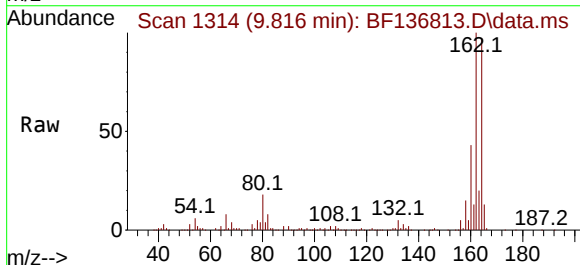
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

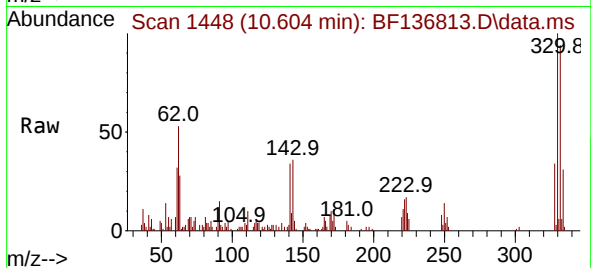
Tgt Ion:164 Resp: 80006
Ion Ratio Lower Upper
164 100
162 103.1 81.6 122.4
160 43.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 15.255 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

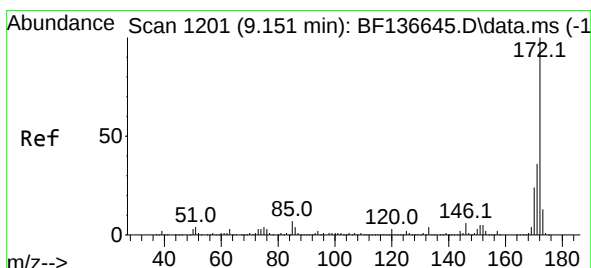
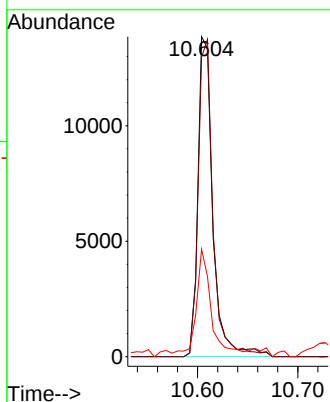
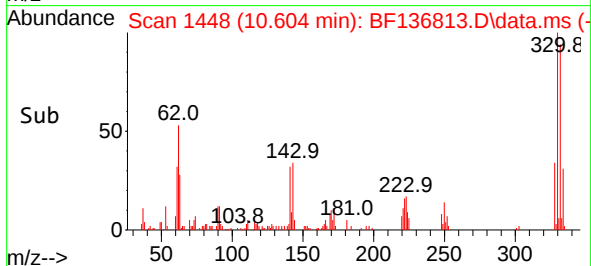
Instrument :
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ClientSampleId :
EO-02-121523RE



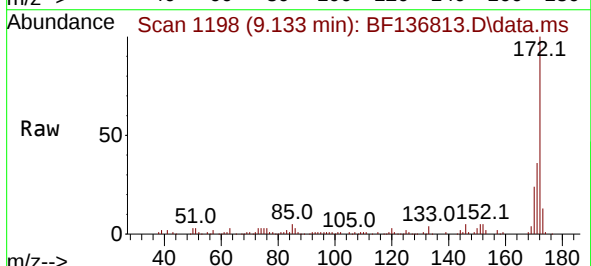
Tgt Ion: 330 Resp: 14374
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.0
141 31.3 23.4 35.2

Manual Integrations
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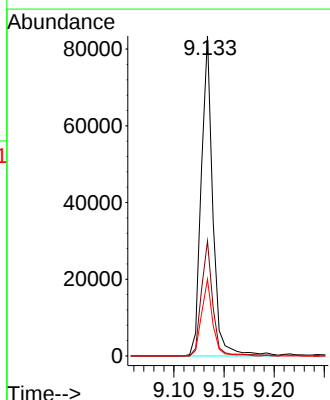
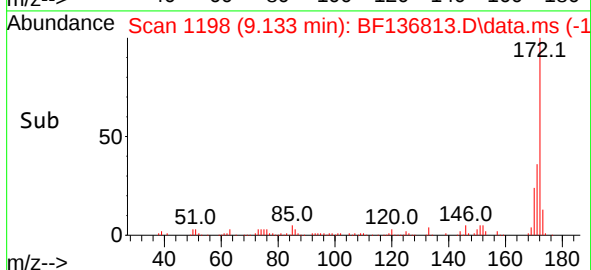
Reviewed By : Yogesh Patel 12/29/2023
Supervised By : mohammad ahmed 12/29/2023

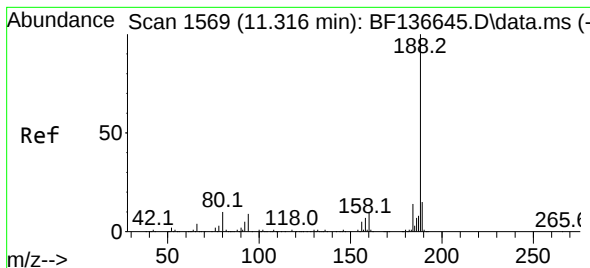


#45
2-Fluorobiphenyl
Concen: 11.302 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26



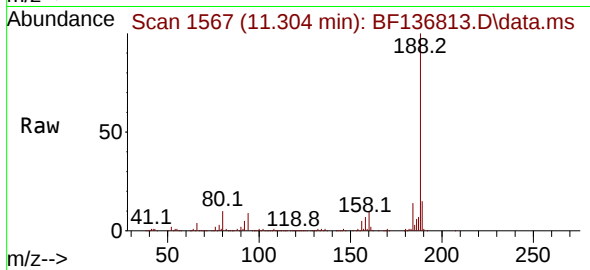
Tgt Ion: 172 Resp: 67227
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.0 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

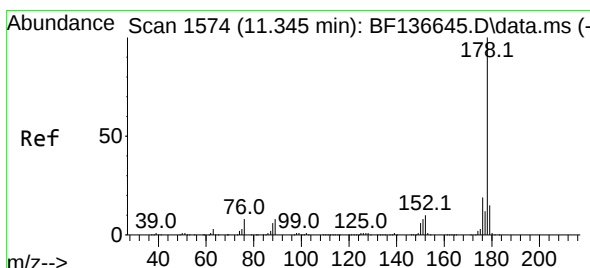
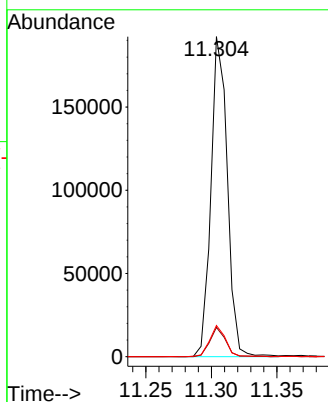
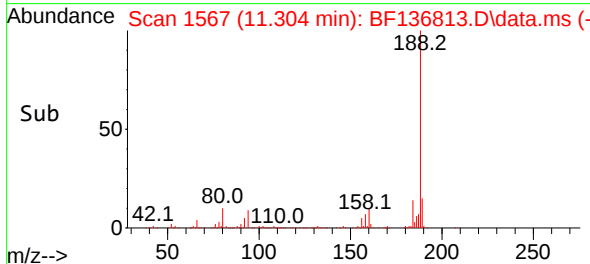
Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE



Tgt Ion:188 Resp: 167270
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.8 8.1 12.1

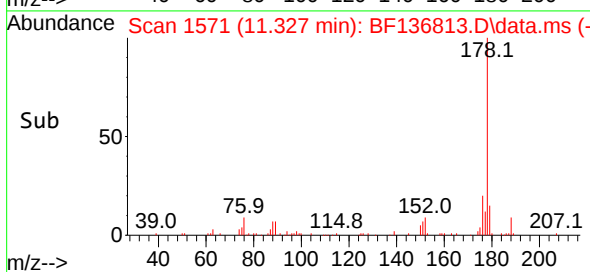
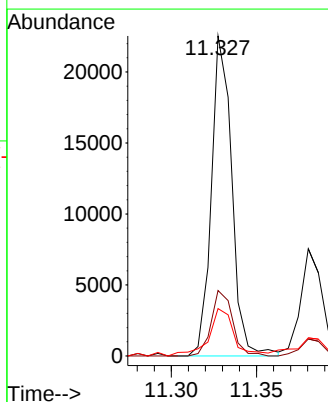
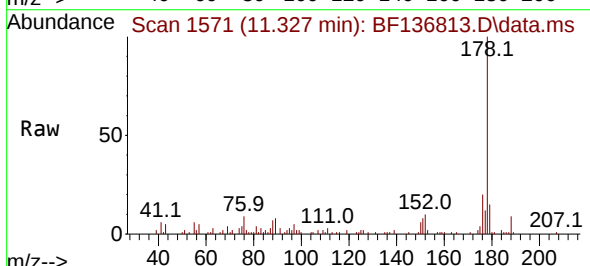
Manual Integrations
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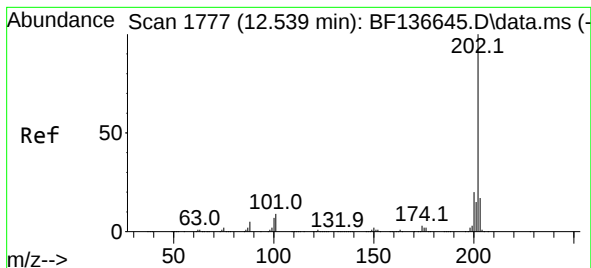
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#71
Phenanthrene
Concen: 2.187 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.018 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

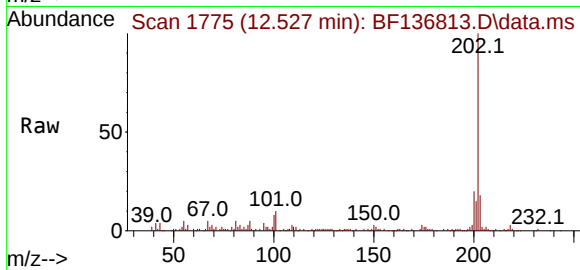
Tgt Ion:178 Resp: 18773
Ion Ratio Lower Upper
178 100
176 20.5 15.3 22.9
179 14.8 11.9 17.9





#75
Fluoranthene
Concen: 5.174 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

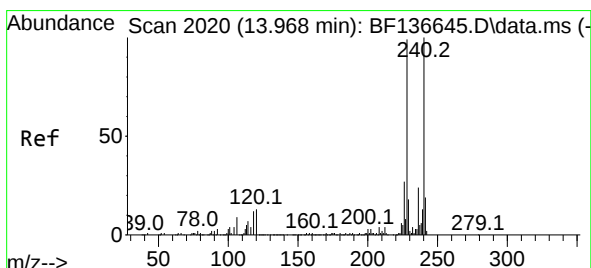
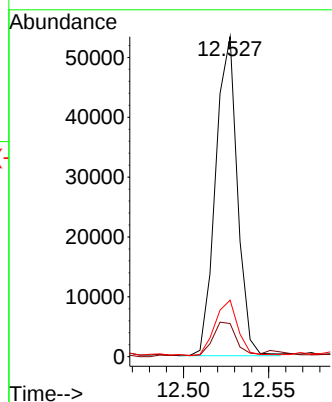
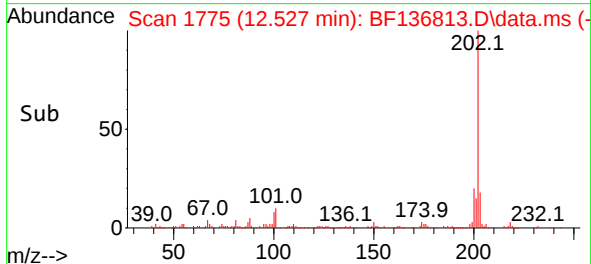
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BNA_F
ClientSampleId :
EO-02-121523RE



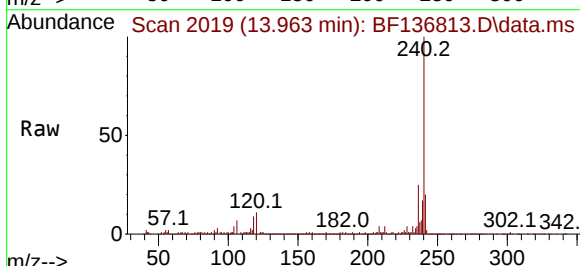
Tgt Ion:202 Resp: 47500
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.3
203 17.7 0.0 37.1

Manual Integrations
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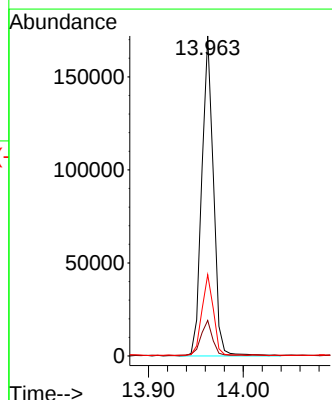
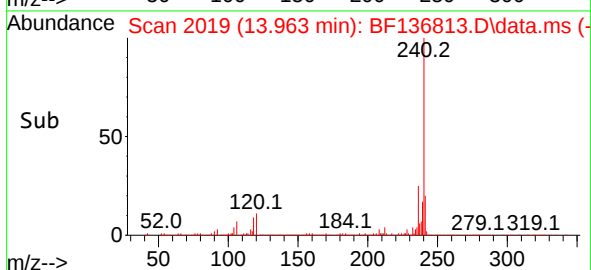
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

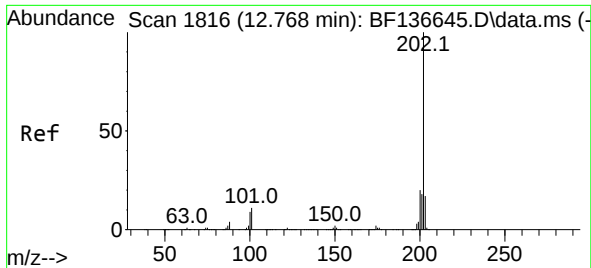


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26



Tgt Ion:240 Resp: 147365
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 25.4 19.4 29.2





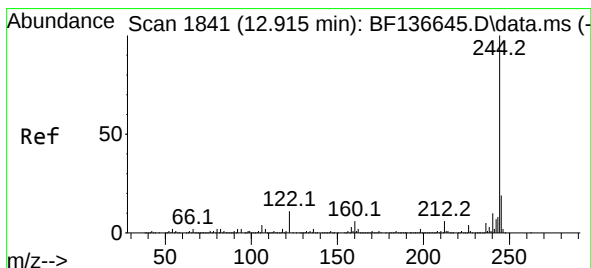
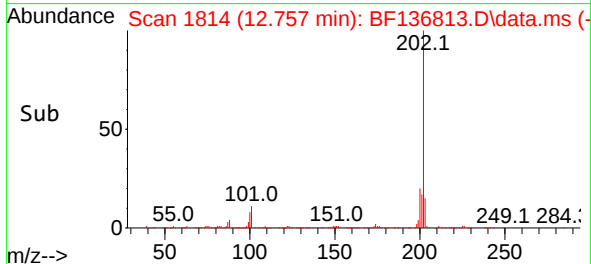
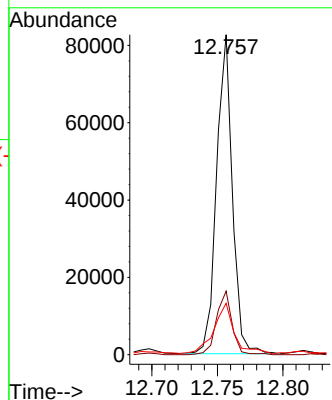
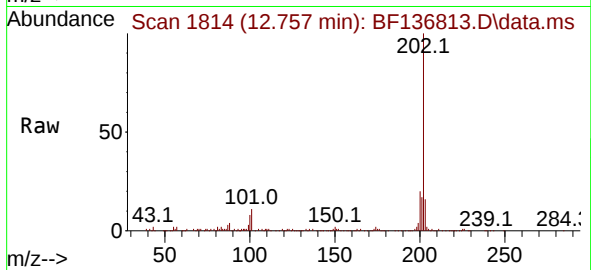
#78
Pyrene
Concen: 4.768 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE

Tgt Ion:202 Resp: 68979
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 16.1 13.8 20.6

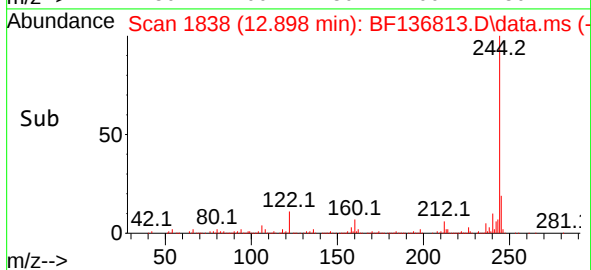
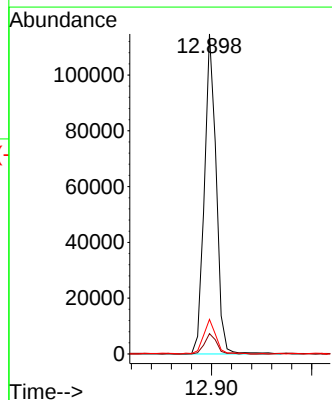
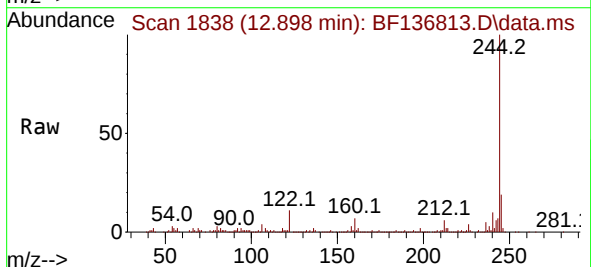
Manual Integrations
APPROVED

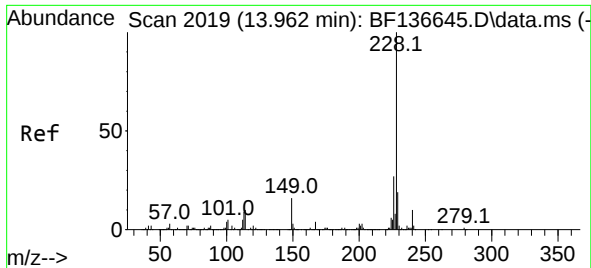
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#79
Terphenyl-d14
Concen: 8.929 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.018 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

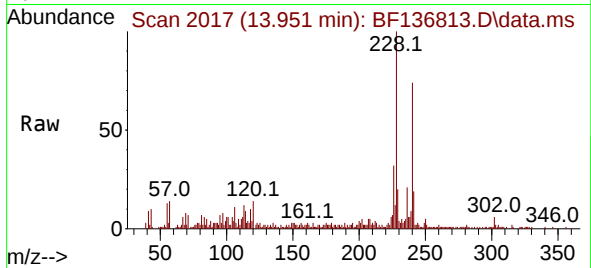
Tgt Ion:244 Resp: 94156
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.8 9.0 13.4





#81
Benzo(a)anthracene
Concen: 2.474 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

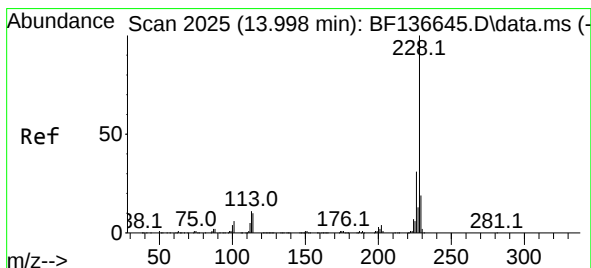
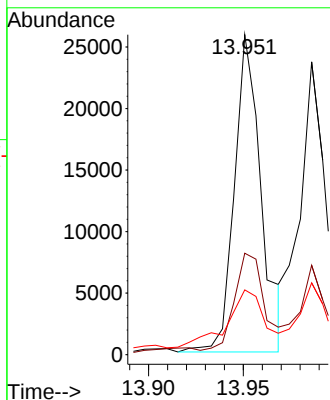
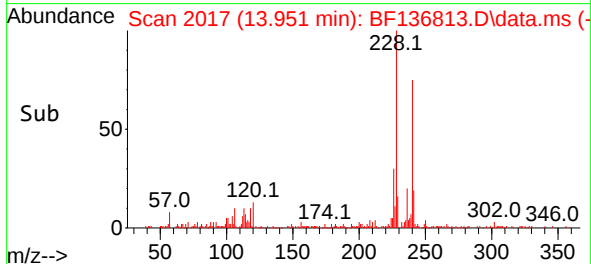
Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE



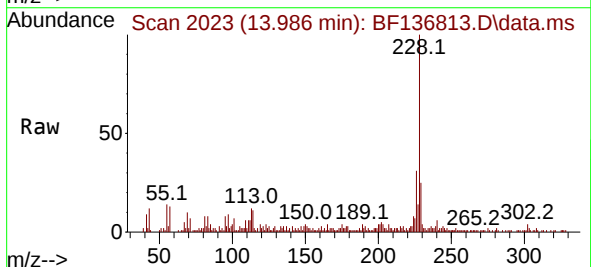
Tgt Ion:228 Resp: 25312
Ion Ratio Lower Upper
228 100
226 31.7 21.4 32.0
229 20.2 14.9 22.3

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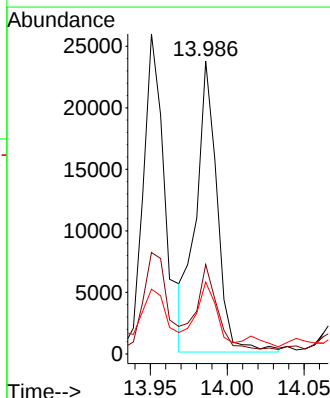
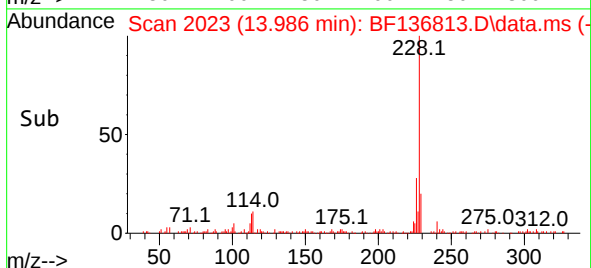
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

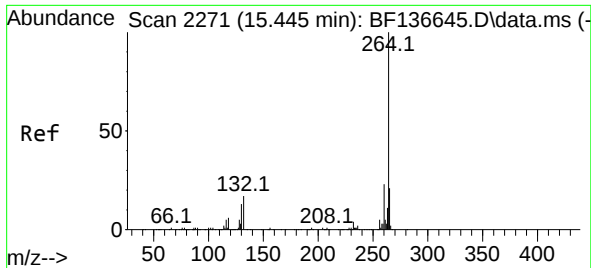


#83
Chrysene
Concen: 2.274 ng m
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26



Tgt Ion:228 Resp: 22757
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 24.5 15.4 23.0#





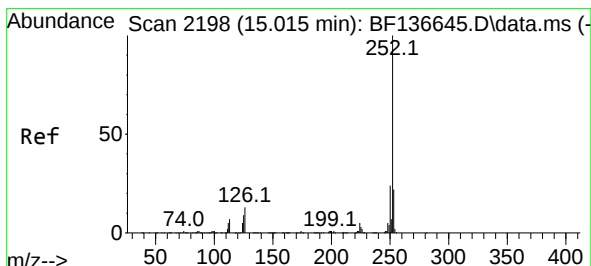
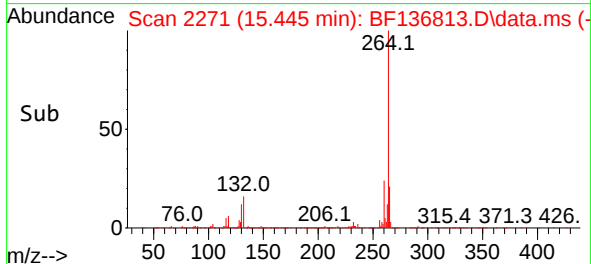
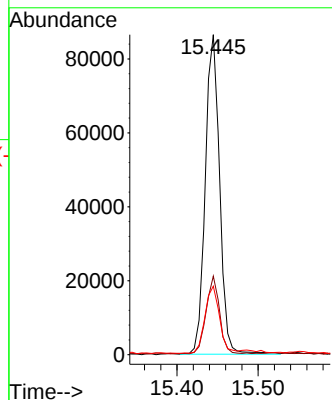
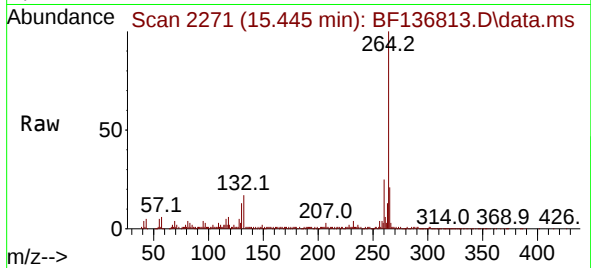
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE

Tgt Ion:264 Resp: 10581
Ion Ratio Lower Upper
264 100
260 24.5 18.3 27.5
265 21.4 17.0 25.6

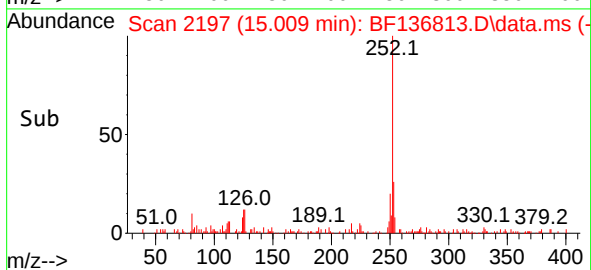
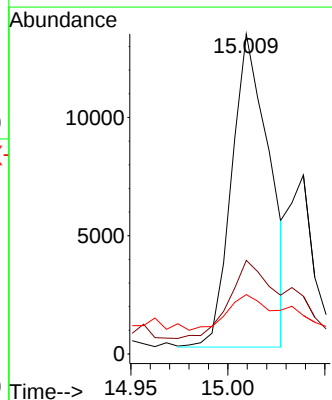
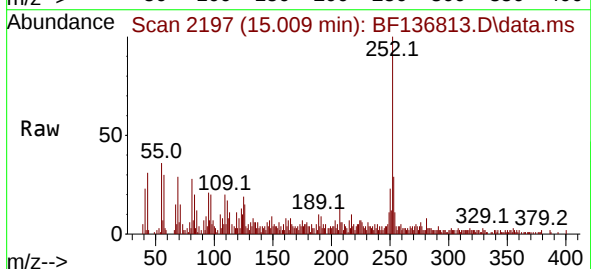
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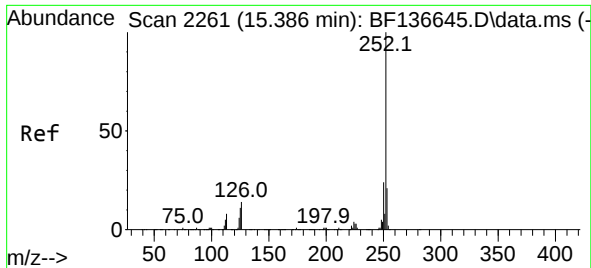
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#88
Benzo(b)fluoranthene
Concen: 2.533 ng m
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

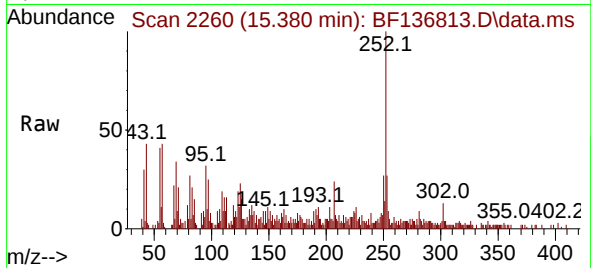
Tgt Ion:252 Resp: 17899
Ion Ratio Lower Upper
252 100
253 29.3 17.4 26.0#
125 18.5 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.188 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136813.D
Acq: 29 Dec 2023 01:26

Instrument :
BNA_F
ClientSampleId :
EO-02-121523RE



Tgt Ion:252 Resp: 1305
Ion Ratio Lower Upper
252 100
253 26.9 17.0 25.6
125 23.0 8.8 13.2

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Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

