

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136535.D
 Acq On : 13 Dec 2023 13:37
 Operator : CG\JU
 Sample : 05745-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 13 13:57:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	121701	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	454725	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	208655	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	309404	20.000	ng	0.00
76) Chrysene-d12	13.974	240	245441	20.000	ng	0.00
86) Perylene-d12	15.457	264	270924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	732882	88.934	ng	0.01
7) Phenol-d6	6.445	99	902535	87.782	ng	0.00
23) Nitrobenzene-d5	7.357	82	535385	63.650	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	200641	77.987	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	989658	64.719	ng	-0.01
79) Terphenyl-d14	12.916	244	781684	41.977	ng	0.00
Target Compounds						
75) Fluoranthene	12.539	202	36862	2.068	ng	95
88) Benzo(b)fluoranthene	15.015	252	42170m	2.277	ng	

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

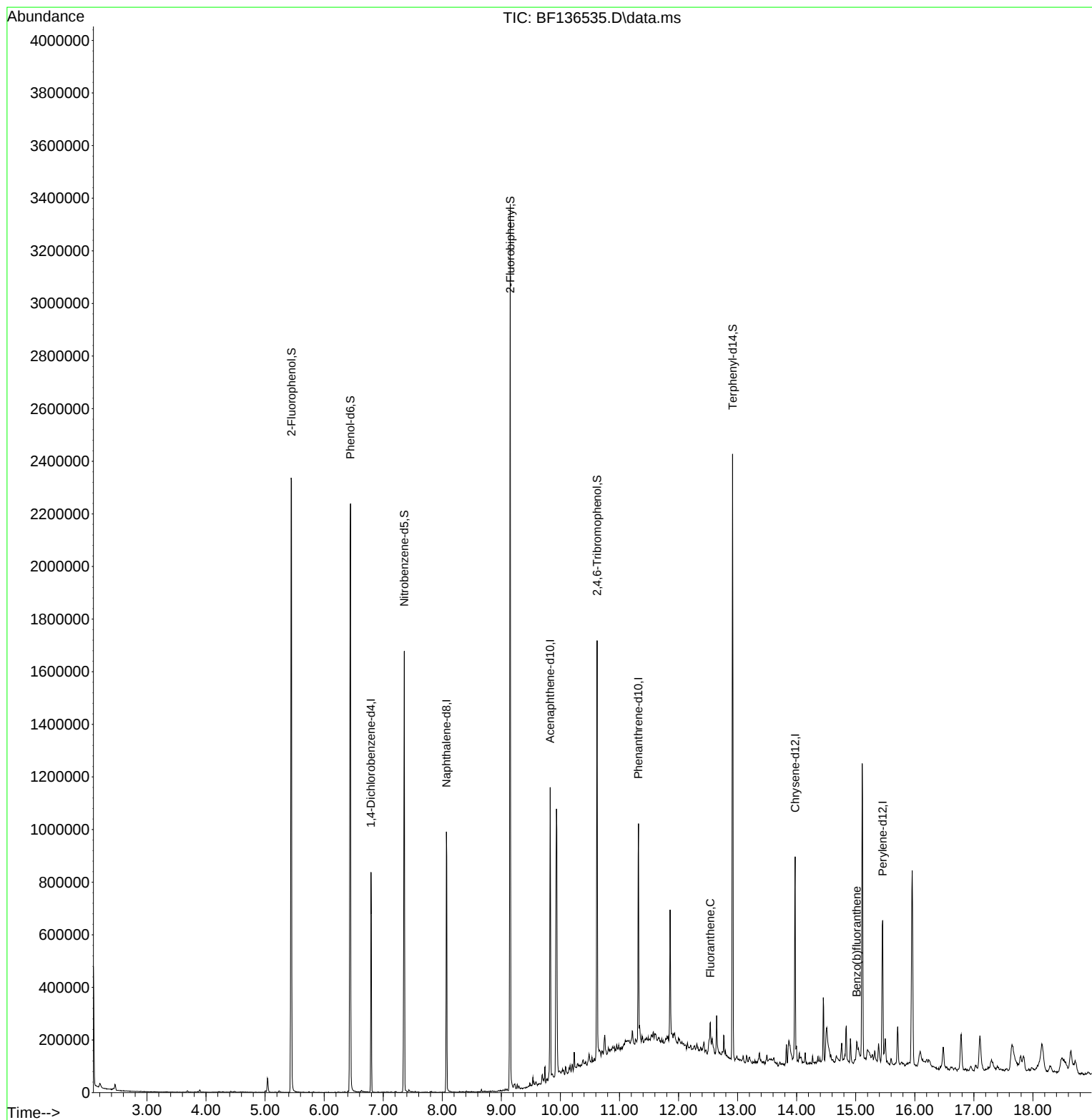
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136535.D
Acq On : 13 Dec 2023 13:37
Operator : CG\JU
Sample : 05745-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

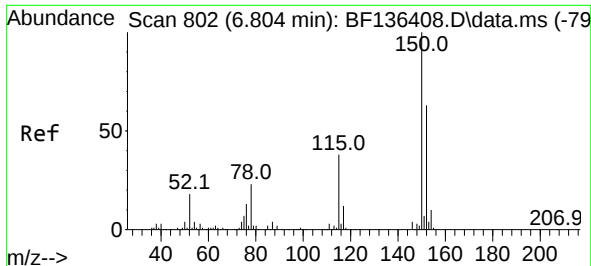
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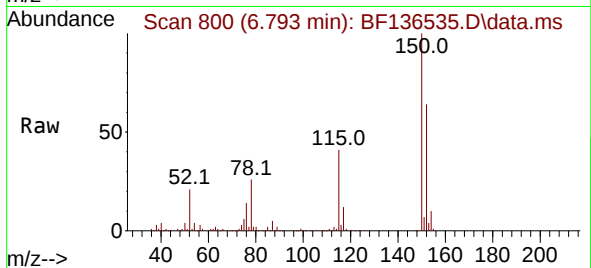
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

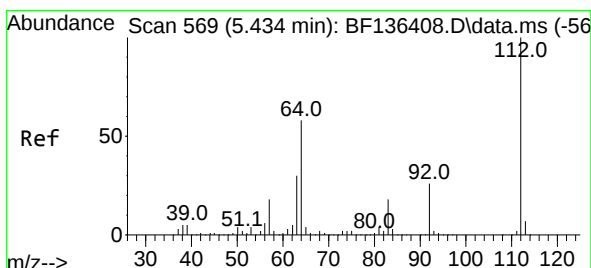
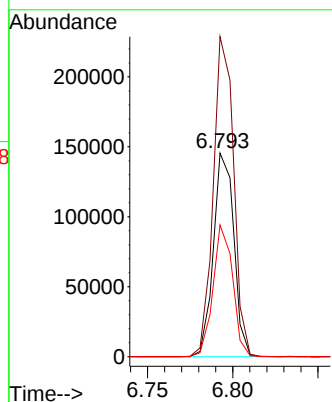
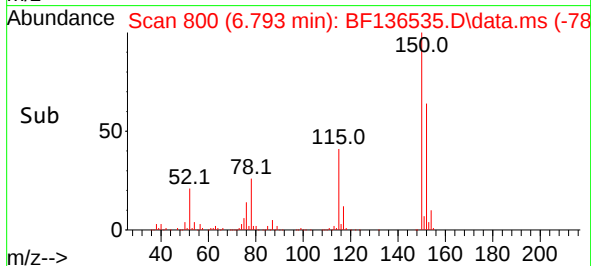
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 12170
Ion Ratio Lower Upper
152 100
150 157.2 126.4 189.6
115 64.7 48.2 72.4

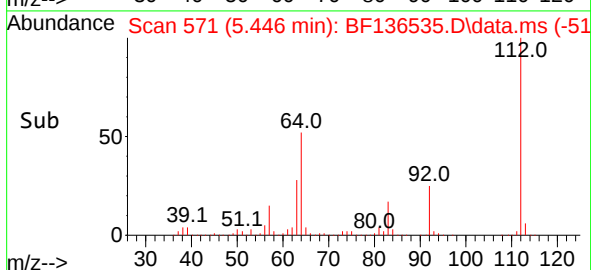
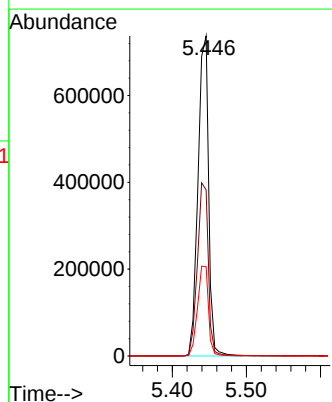
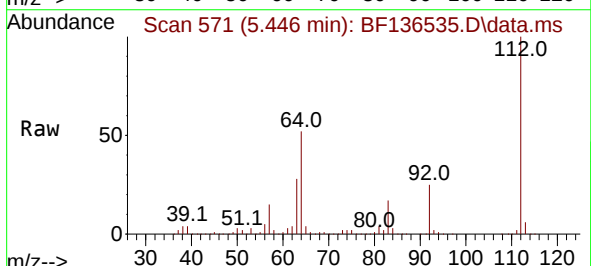
Manual Integrations
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Supervised By :mohammad ahmed 12/14/2023



#5
2-Fluorophenol
Concen: 88.934 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

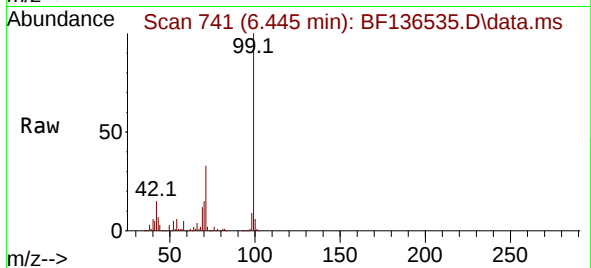
Tgt Ion:112 Resp: 732882
Ion Ratio Lower Upper
112 100
64 51.9 46.5 69.7
63 27.9 23.9 35.9





#7
Phenol-d6
Concen: 87.782 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

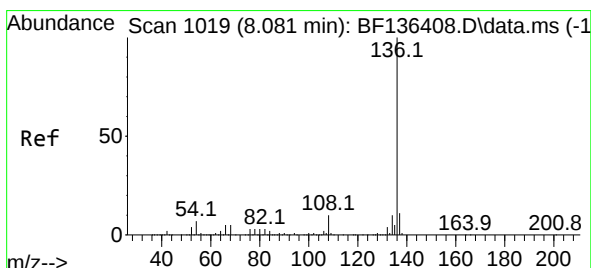
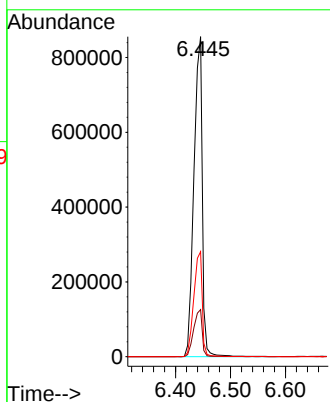
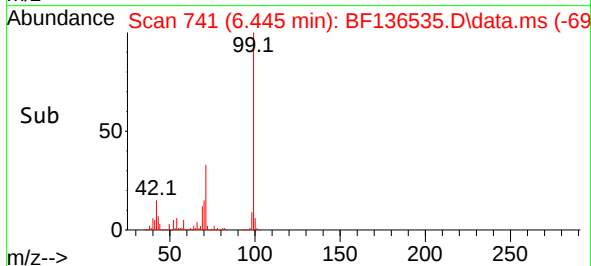
Instrument :
BNA_F
ClientSampleId :
WC-1



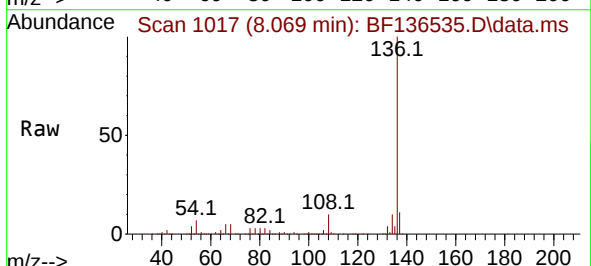
Tgt Ion: 99 Resp: 902535
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 32.8 27.0 40.4

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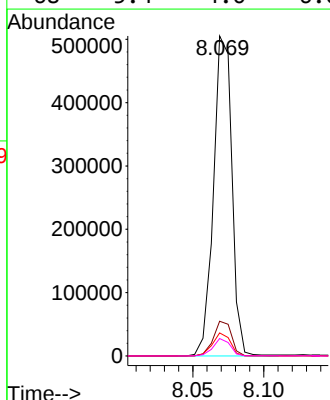
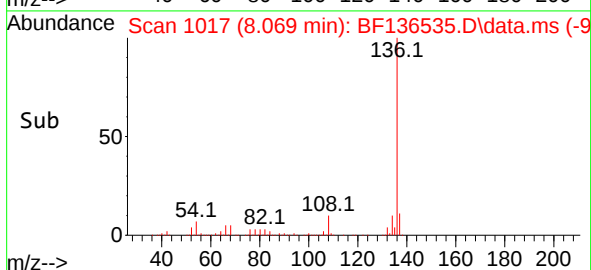
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37



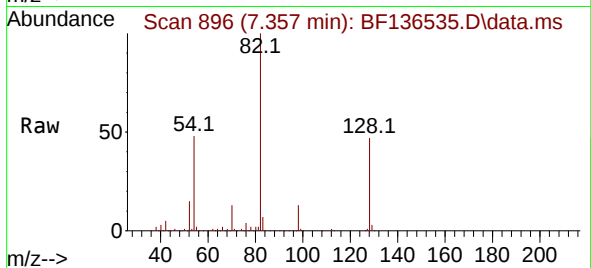
Tgt Ion:136 Resp: 454725
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.2 5.7 8.5
68 5.4 4.0 6.0





#23
Nitrobenzene-d5
Concen: 63.650 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

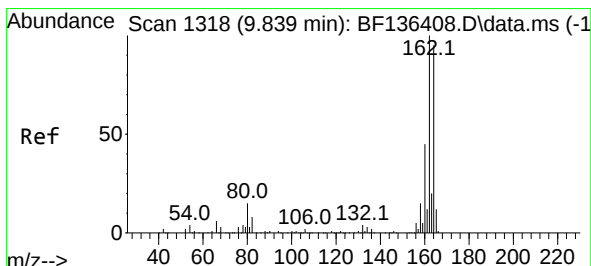
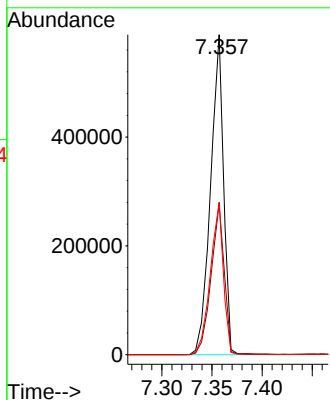
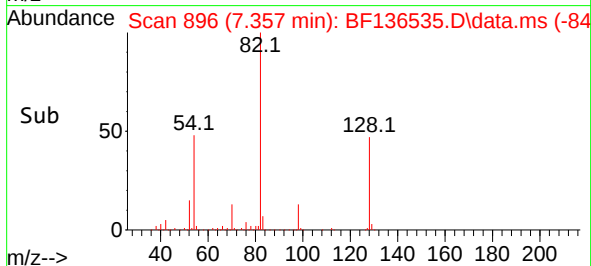
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 82 Resp: 53538
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 47.7 39.0 58.6

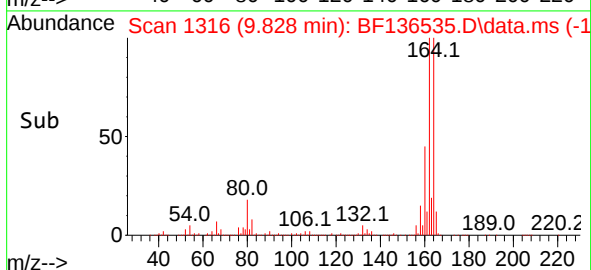
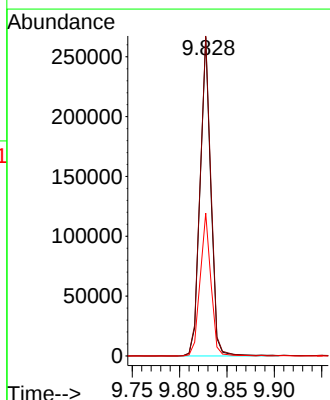
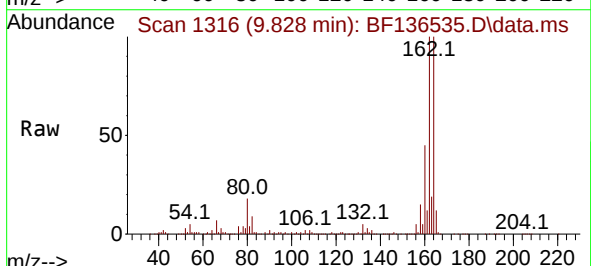
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

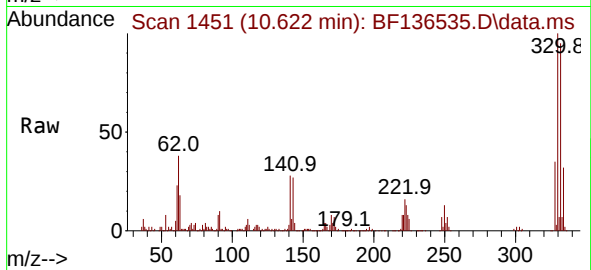
Tgt Ion:164 Resp: 208655
Ion Ratio Lower Upper
164 100
162 100.4 84.4 126.6
160 44.9 37.6 56.4





#42
2,4,6-Tribromophenol
Concen: 77.987 ng
RT: 10.622 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

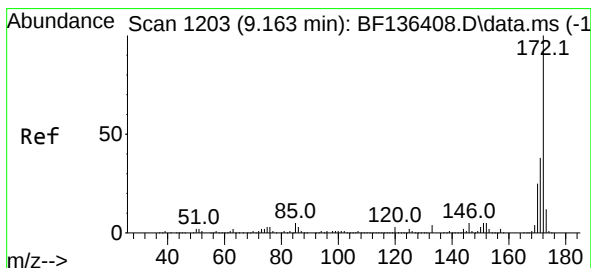
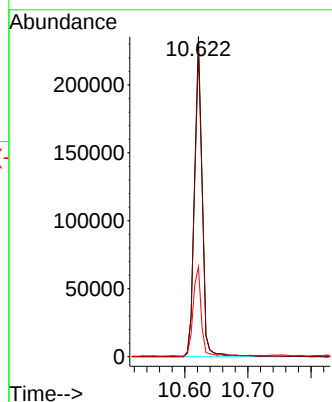
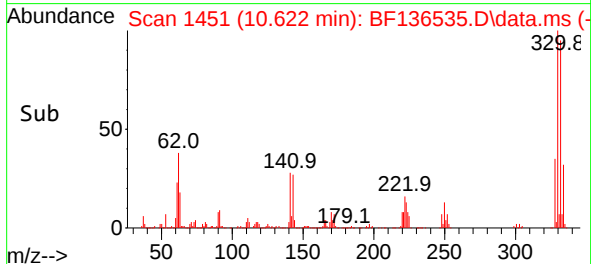
Instrument :
BNA_F
ClientSampleId :
WC-1



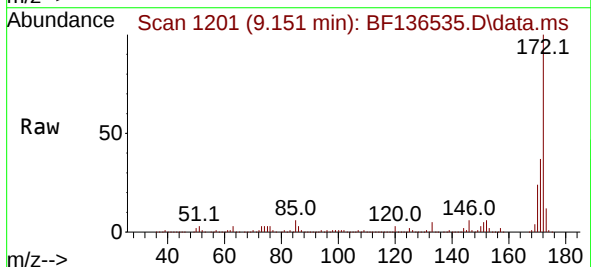
Tgt Ion:330 Resp: 20064
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 28.7 23.4 35.2

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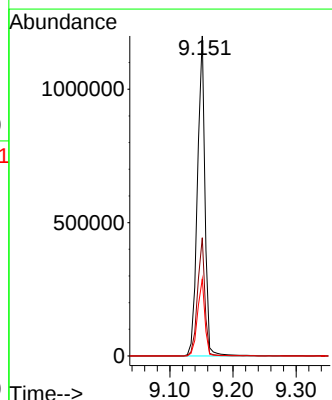
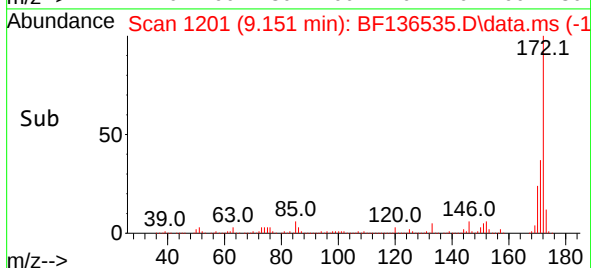
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#45
2-Fluorobiphenyl
Concen: 64.719 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37



Tgt Ion:172 Resp: 989658
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.1 19.9 29.9





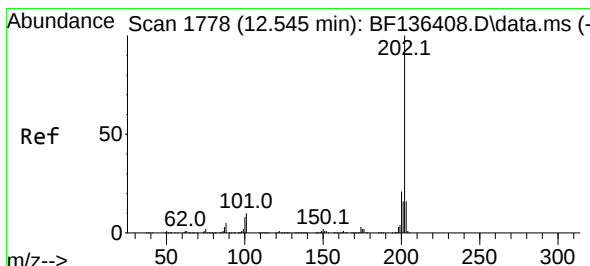
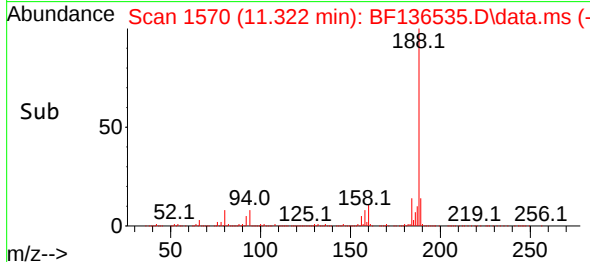
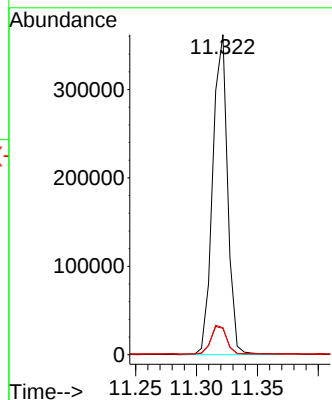
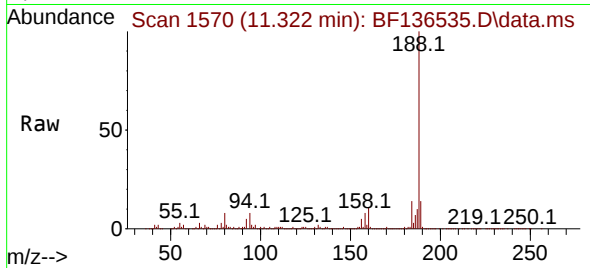
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 309404
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.5 7.2 10.8

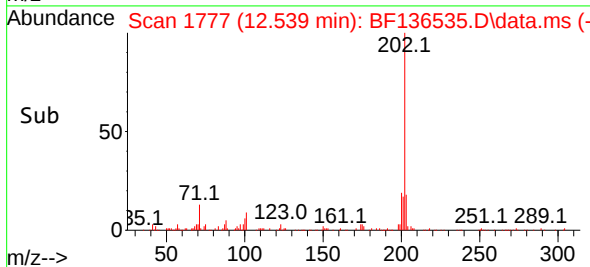
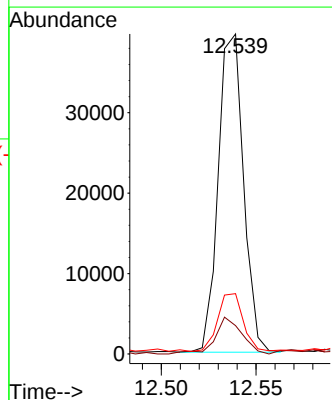
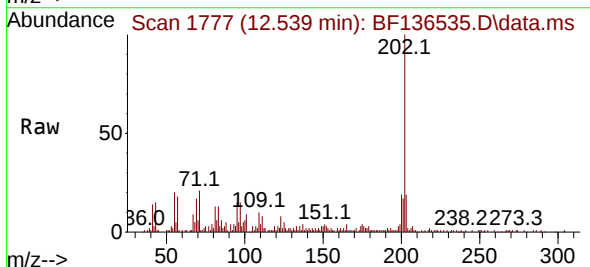
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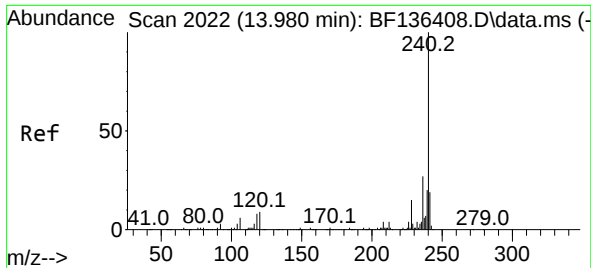
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#75
Fluoranthene
Concen: 2.068 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

Tgt Ion:202 Resp: 36862
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.9
203 18.9 0.0 36.3





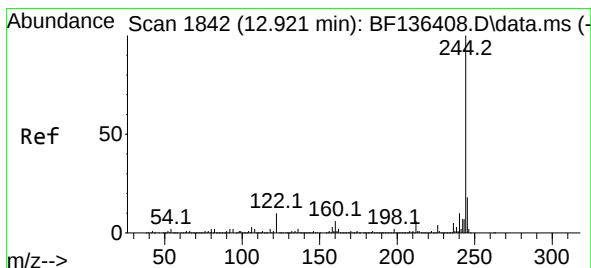
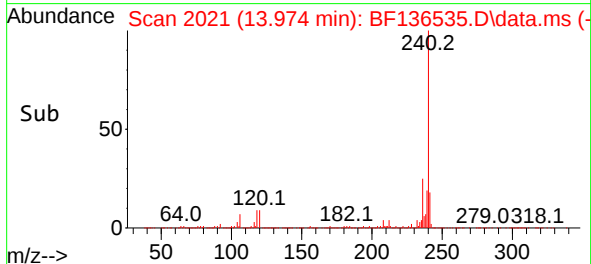
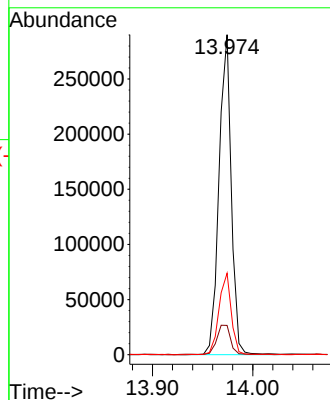
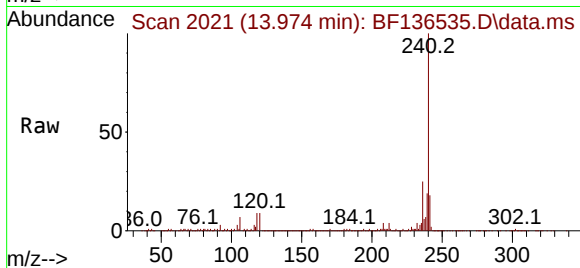
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:240 Resp: 24544
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.4 21.3 31.9

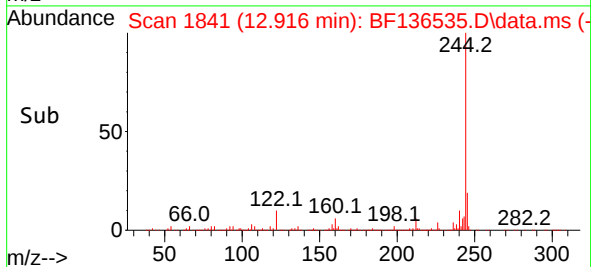
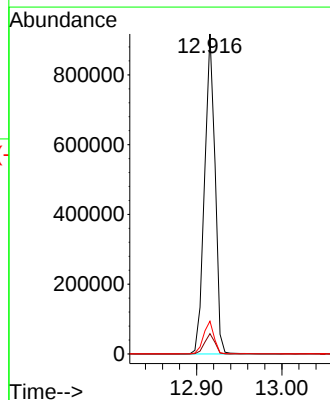
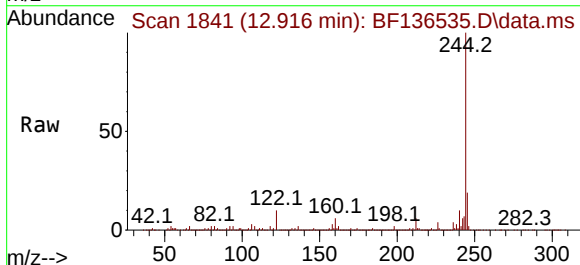
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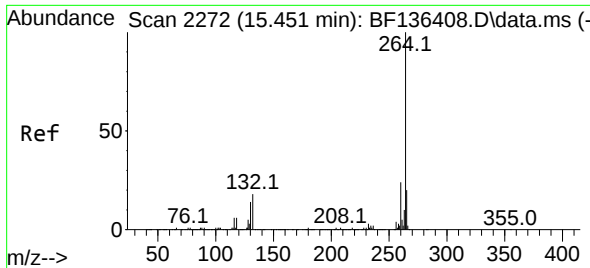
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#79
Terphenyl-d14
Concen: 41.977 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

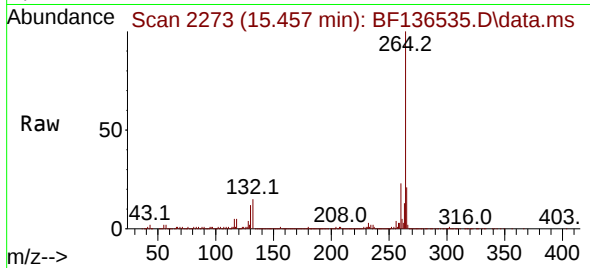
Tgt Ion:244 Resp: 781684
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.2 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37

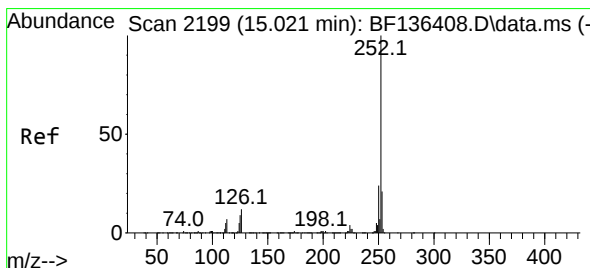
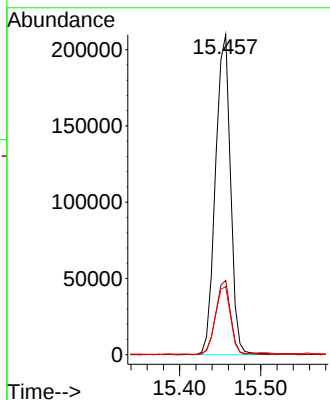
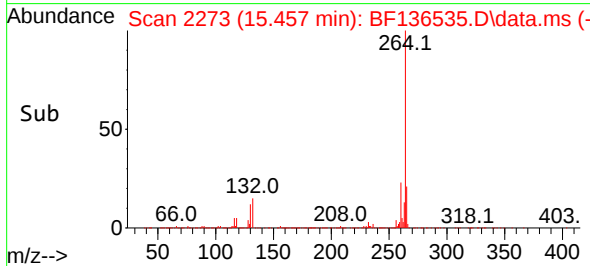
Instrument :
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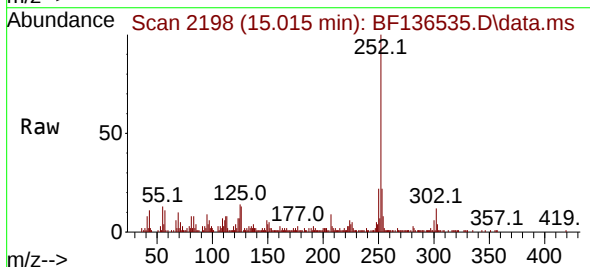
Tgt Ion:264 Resp: 270924
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.3 15.9 23.9

Manual Integrations
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Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 2.277 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136535.D
Acq: 13 Dec 2023 13:37



Tgt Ion:252 Resp: 42170
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 14.3 7.4 11.2#

