

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136340.D
 Acq On : 01 Dec 2023 16:26
 Operator : CG\JU
 Sample : 05366-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-13(10-15)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 01 16:55:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	121985	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	510627	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	249108	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	372266	20.000	ng	0.00
76) Chrysene-d12	13.980	240	193965	20.000	ng	-0.01
86) Perylene-d12	15.463	264	238081	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	602786	68.778	ng	0.00
7) Phenol-d6	6.440	99	758559	69.221	ng	0.00
23) Nitrobenzene-d5	7.363	82	477549	49.420	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	163473	53.676	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	988996	50.711	ng	0.00
79) Terphenyl-d14	12.927	244	655997	39.011	ng	0.00
Target Compounds						
71) Phenanthrene	11.351	178	65452	3.128	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.962	276	10421	3.232	ng	# 85
91) Dibenzo(a,h)anthracene	16.974	278	6272m	3.128	ng	

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

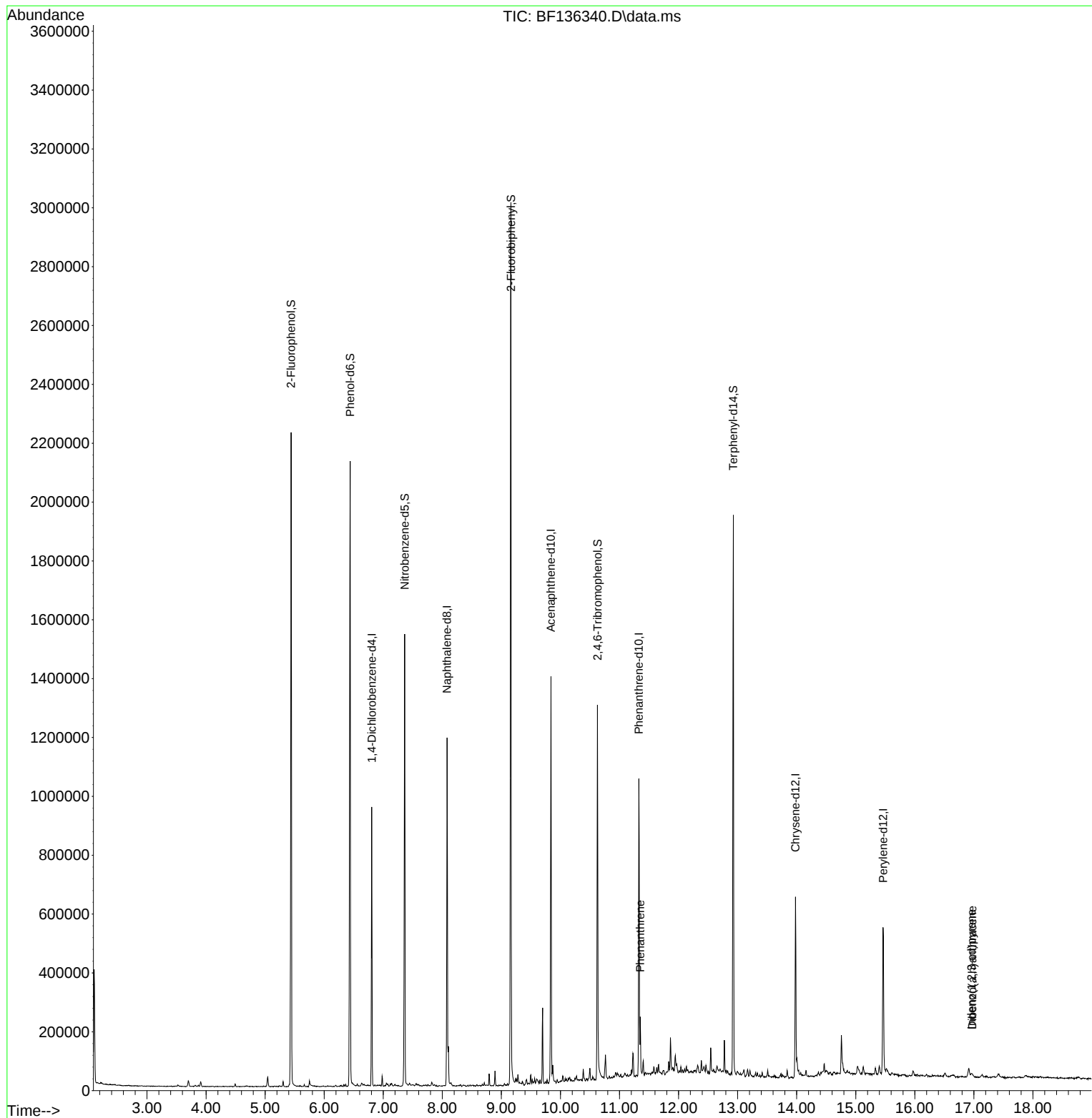
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136340.D
Acq On : 01 Dec 2023 16:26
Operator : CG\JU
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Quant Time: Dec 01 16:55:05 2023
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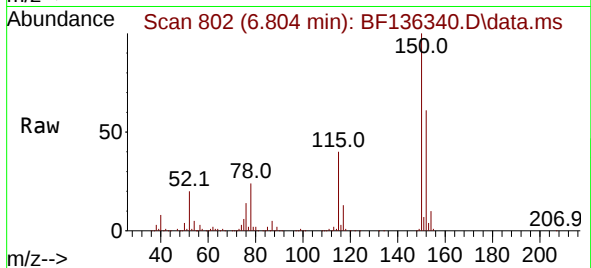
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

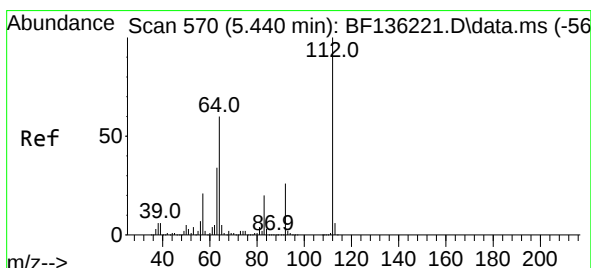
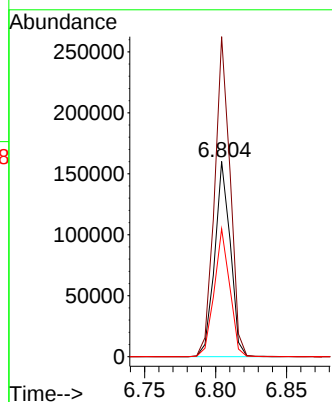
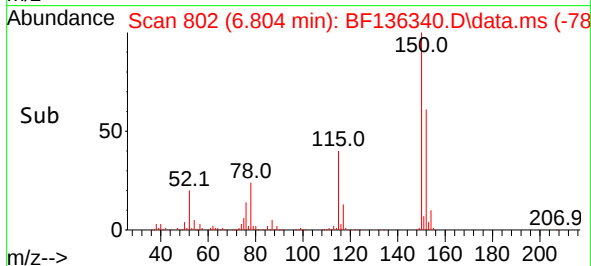
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)



Tgt Ion:152 Resp: 121985
Ion Ratio Lower Upper
152 100
150 163.9 137.8 206.8
115 65.5 52.7 79.1

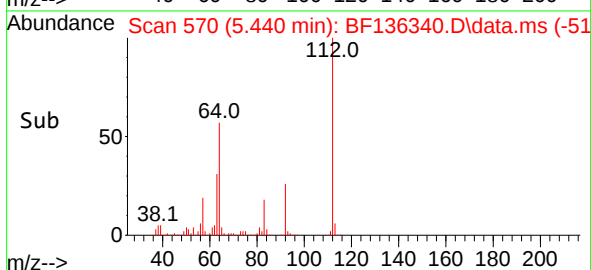
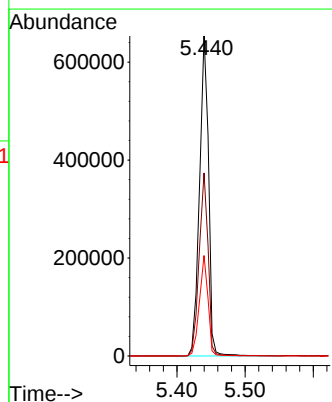
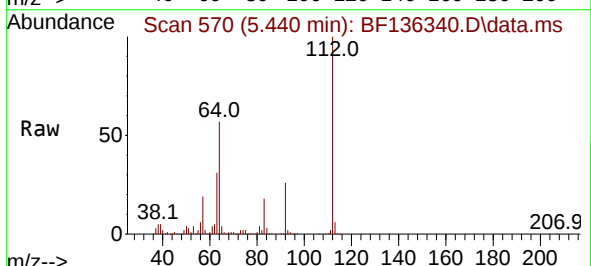
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#5
2-Fluorophenol
Concen: 68.778 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

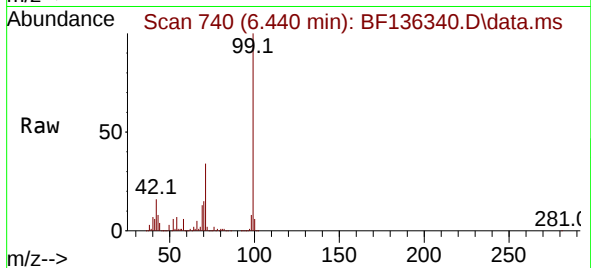
Tgt Ion:112 Resp: 602786
Ion Ratio Lower Upper
112 100
64 57.2 48.2 72.4
63 31.4 27.0 40.6





#7
Phenol-d6
Concen: 69.221 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

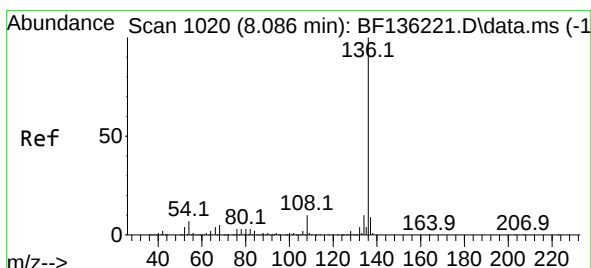
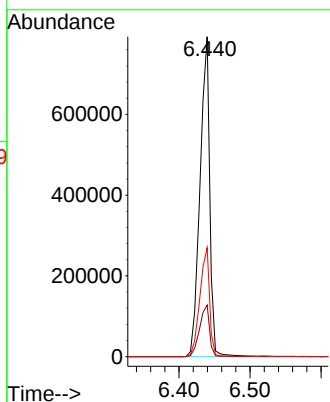
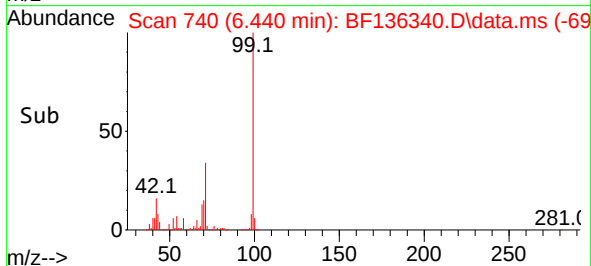
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)



Tgt Ion: 99 Resp: 758559
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 34.0 28.9 43.3

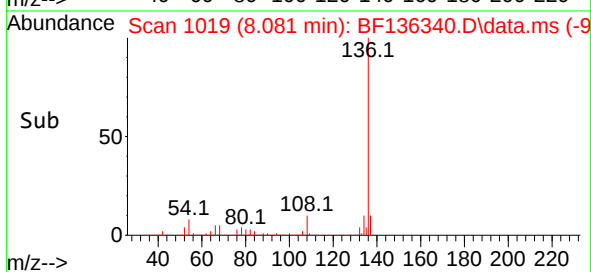
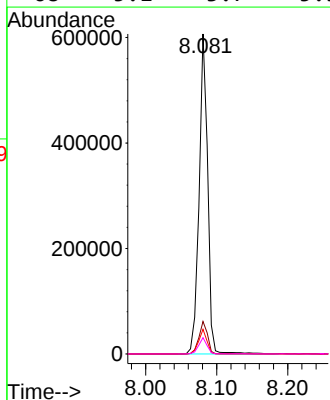
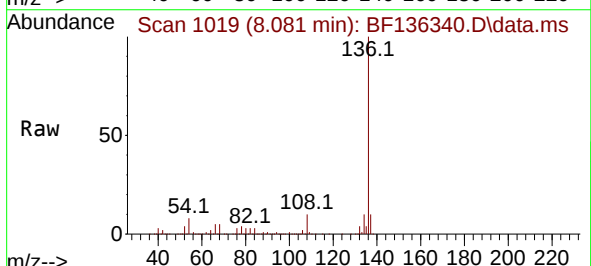
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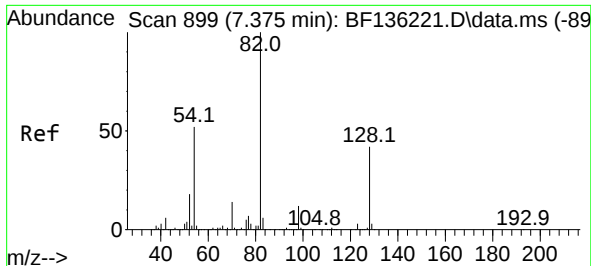
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion:136 Resp: 510627
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.7 5.5 8.3
68 5.1 3.7 5.5





#23
Nitrobenzene-d5
Concen: 49.420 ng
RT: 7.363 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Instrument :

BNA_F

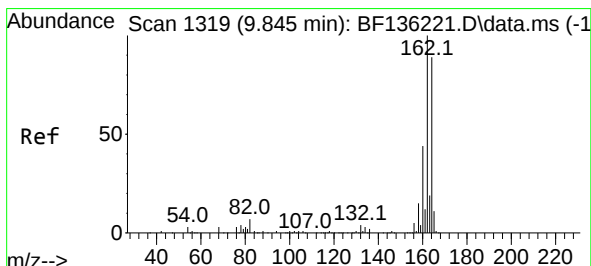
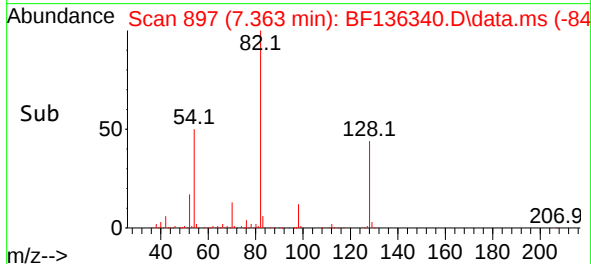
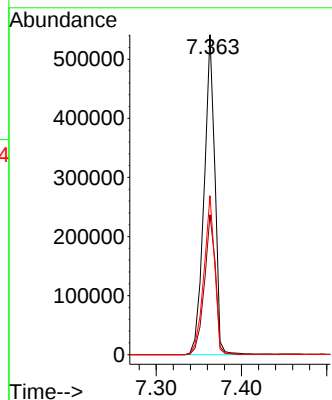
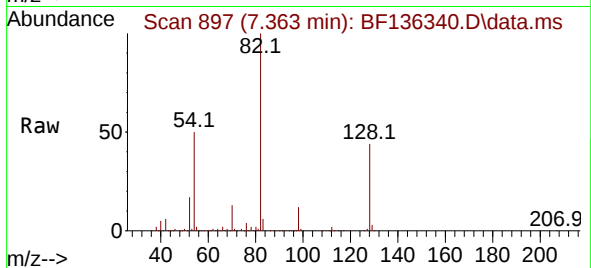
ClientSampleId :

P-13(10-15)

Tgt Ion: 82 Resp: 477549
Ion Ratio Lower Upper
82 100
128 43.8 33.4 50.2
54 49.7 41.7 62.5

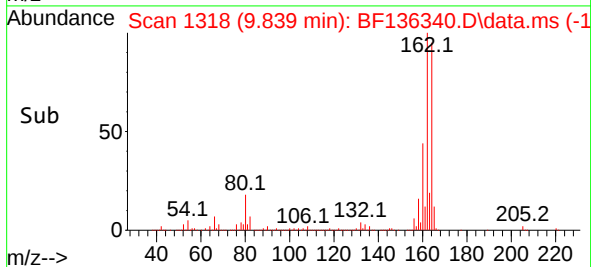
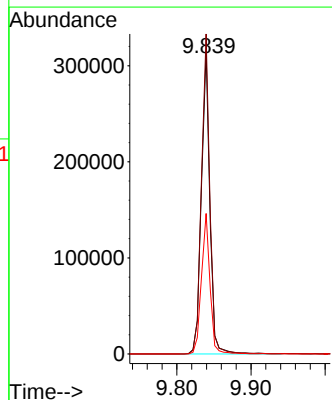
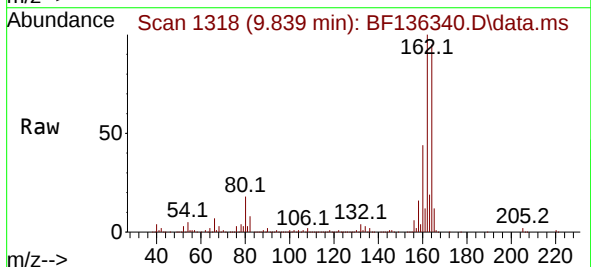
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion:164 Resp: 249108
Ion Ratio Lower Upper
164 100
162 105.8 89.5 134.3
160 46.5 39.6 59.4





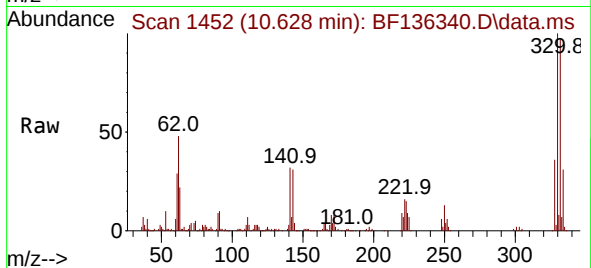
#42
2,4,6-Tribromophenol
Concen: 53.676 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Instrument :

BNA_F

ClientSampleId :

P-13(10-15)



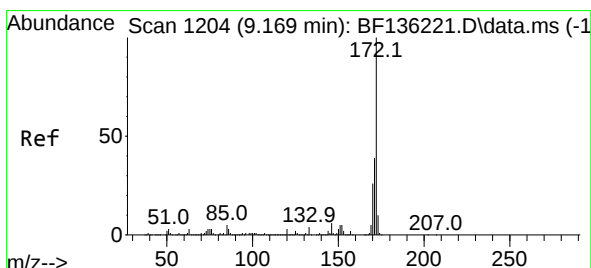
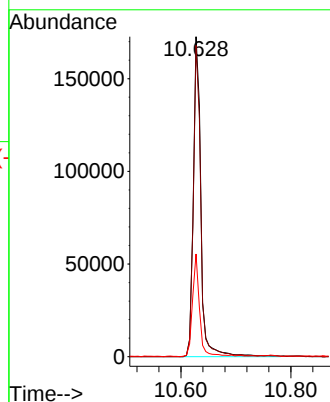
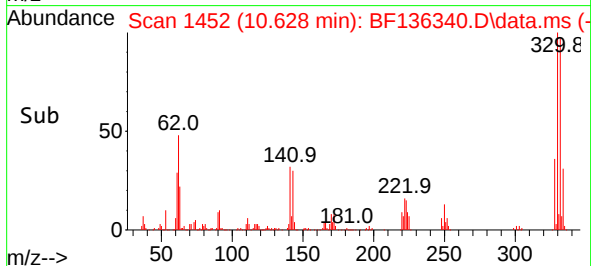
Tgt Ion:330 Resp: 16347
Ion Ratio Lower Upper
330 100
332 95.6 73.0 109.6
141 30.8 24.2 36.2

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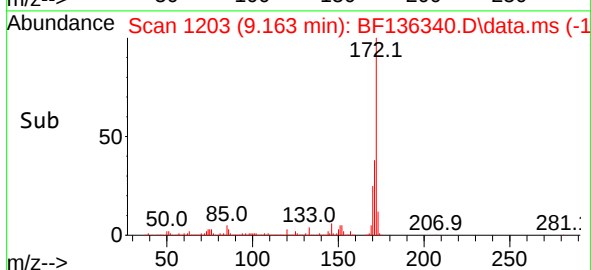
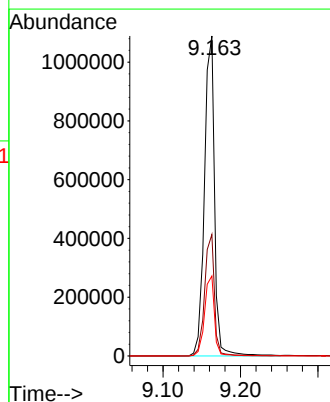
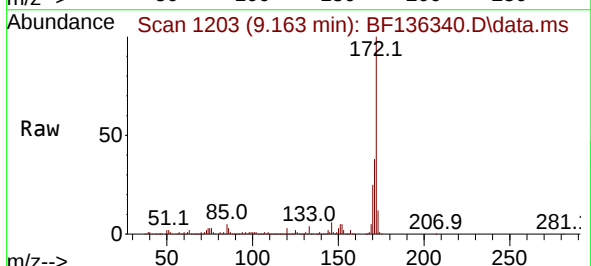
Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#45
2-Fluorobiphenyl
Concen: 50.711 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion:172 Resp: 988996
Ion Ratio Lower Upper
172 100
171 38.0 31.5 47.3
170 25.0 20.8 31.2





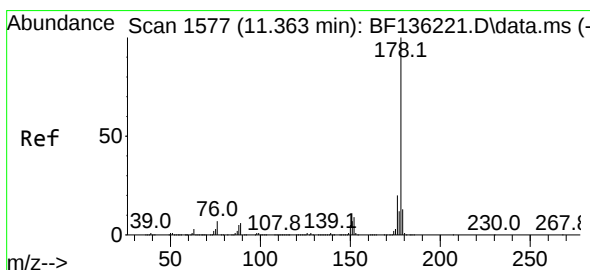
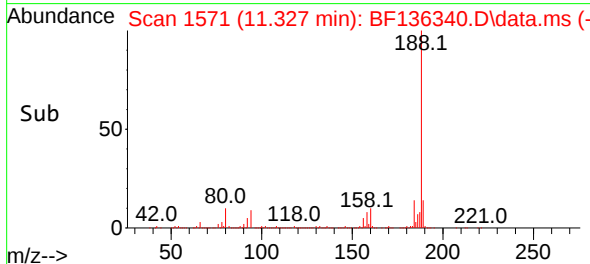
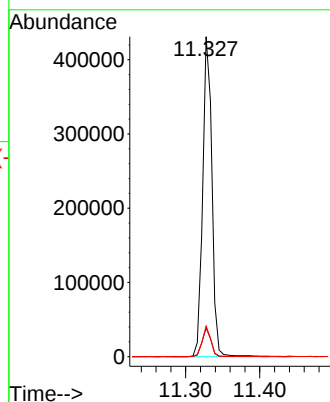
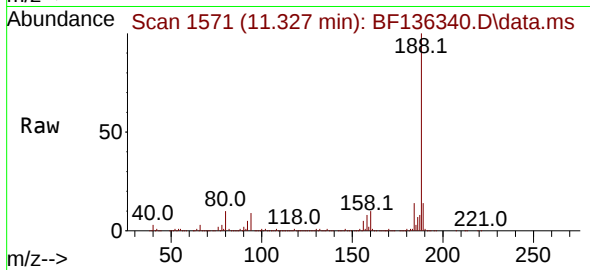
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

Tgt Ion:188 Resp: 372260
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.6 7.2 10.8

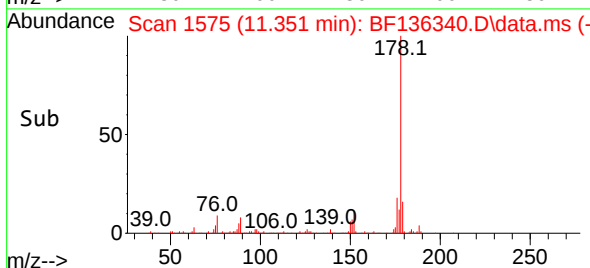
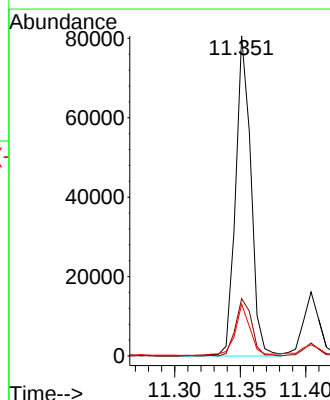
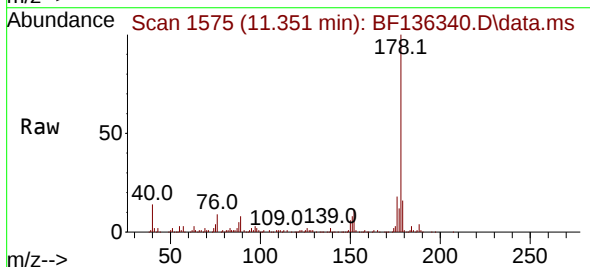
Manual Integrations
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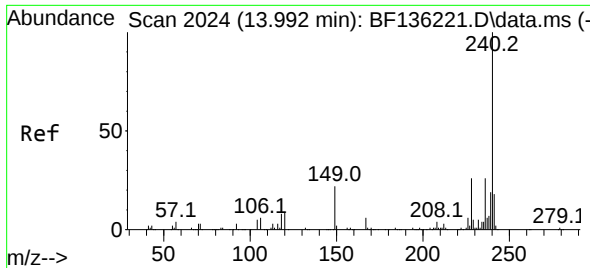
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#71
Phenanthrene
Concen: 3.128 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

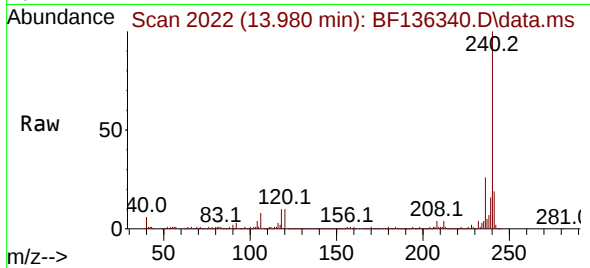
Tgt Ion:178 Resp: 65452
Ion Ratio Lower Upper
178 100
176 17.9 16.2 24.2
179 16.2 10.3 15.5#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

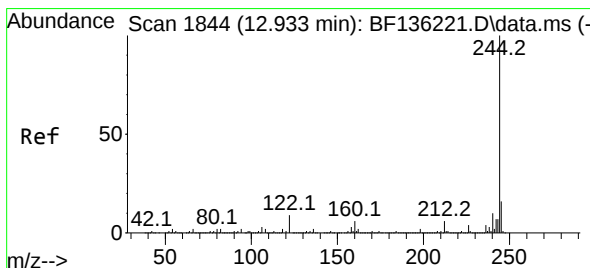
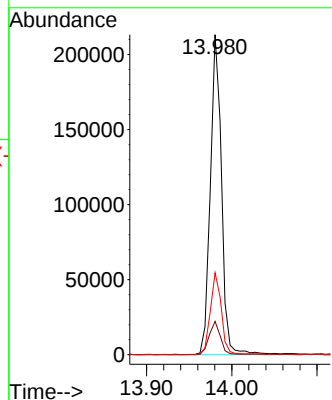
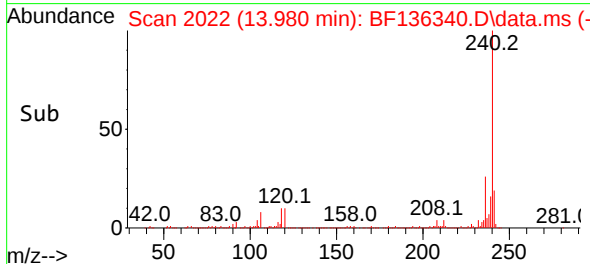
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)



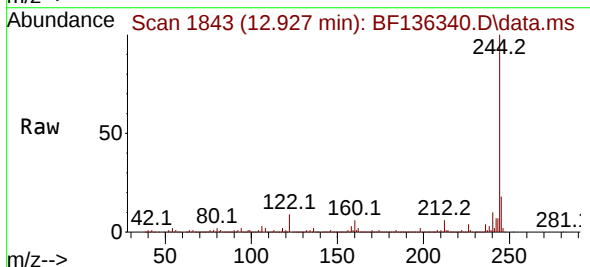
Tgt Ion:240 Resp: 193965
Ion Ratio Lower Upper
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120 10.4 7.4 11.2
236 25.6 21.1 31.7

Manual Integrations
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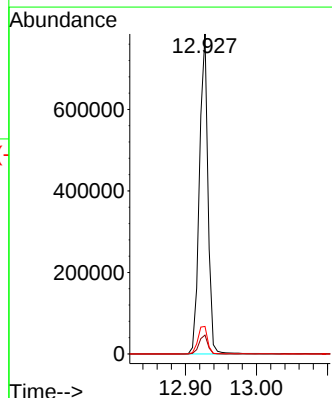
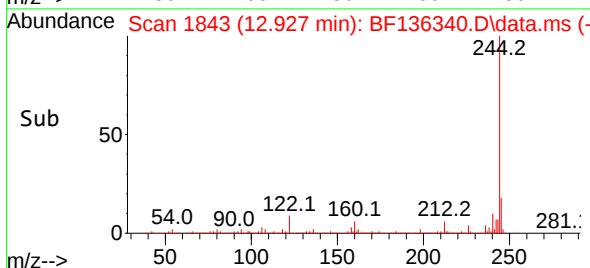
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Supervised By :mohammad ahmed 12/05/2023

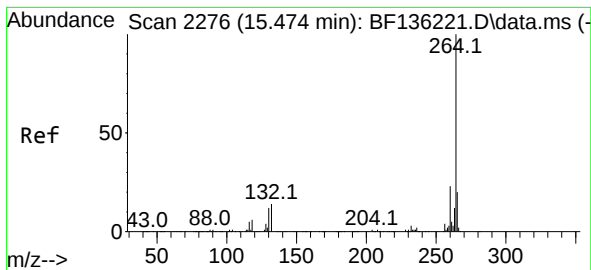


#79
Terphenyl-d14
Concen: 39.011 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26



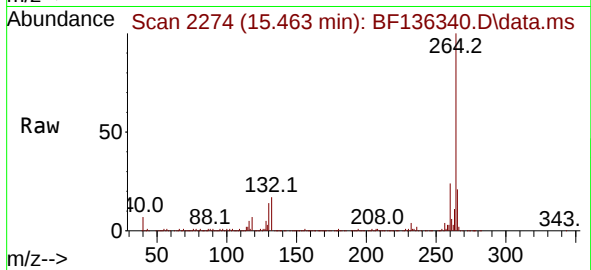
Tgt Ion:244 Resp: 655997
Ion Ratio Lower Upper
244 100
212 5.9 4.6 7.0
122 8.6 7.3 10.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

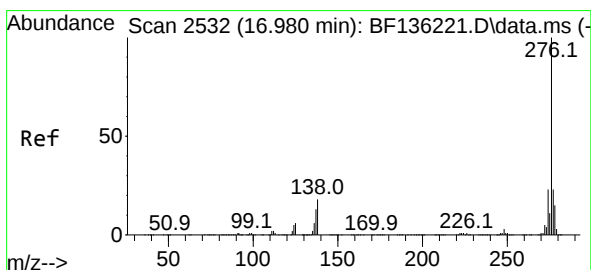
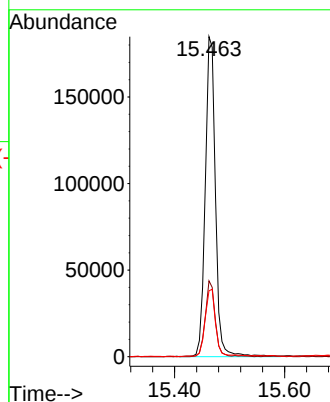
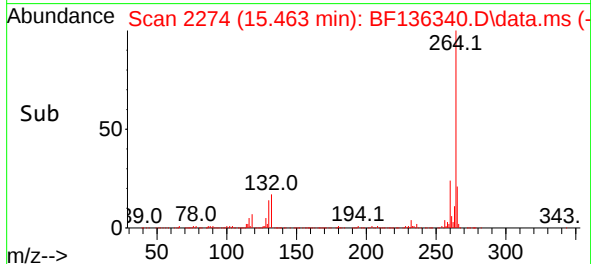
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)



Tgt Ion:264 Resp: 23808
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 20.6 15.7 23.5

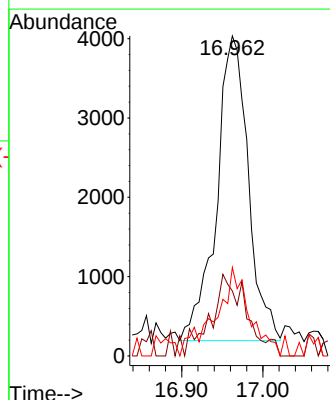
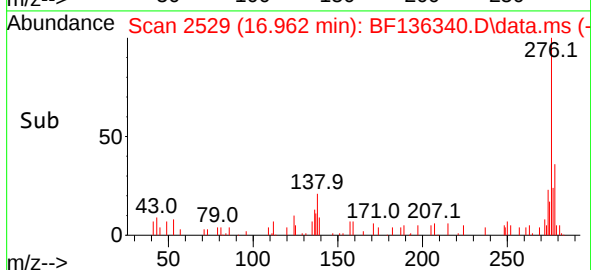
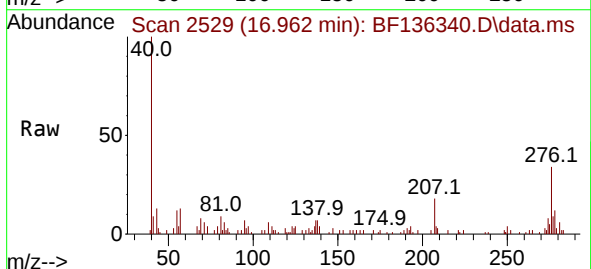
Manual Integrations
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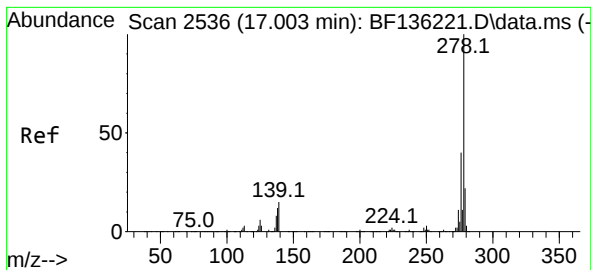
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.232 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.018 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

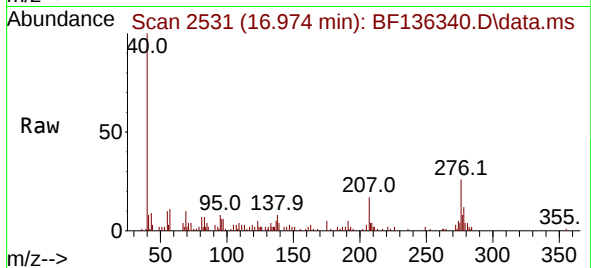
Tgt Ion:276 Resp: 10421
Ion Ratio Lower Upper
276 100
138 30.2 17.7 26.5#
277 31.5 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 3.128 ng m
 RT: 16.974 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF136340.D
 Acq: 01 Dec 2023 16:26

Instrument :
 BNA_F
 ClientSampleId :
 P-13(10-15)



Tgt Ion: 278 Resp: 6272
 Ion Ratio Lower Upper
 278 100
 139 33.2 11.7 17.5
 279 32.4 17.8 26.8

Manual Integrations
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