

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136771.D
 Acq On : 27 Dec 2023 22:01
 Operator : CG\JU
 Sample : 05827-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-07-10-11

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 27 22:48:06 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75465	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	278278	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	133388	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	210667	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	132905	20.000	ng	0.00
86) Perylene-d12	15.468	264	151116	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	359597	74.349	ng	0.00
7) Phenol-d6	6.428	99	460140	73.422	ng	-0.01
23) Nitrobenzene-d5	7.345	82	292045	53.703	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	81932	52.155	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	567324	57.205	ng	-0.01
79) Terphenyl-d14	12.904	244	428449	45.051	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.527	202	36840	3.186	ng	93
78) Pyrene	12.757	202	35695	2.736	ng	# 93
81) Benzo(a)anthracene	13.957	228	21654	2.346	ng	# 86
83) Chrysene	13.992	228	21730	2.408	ng	# 81
88) Benzo(b)fluoranthene	15.021	252	26211m	2.597	ng	
90) Benzo(a)pyrene	15.398	252	17515	2.056	ng	# 22

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

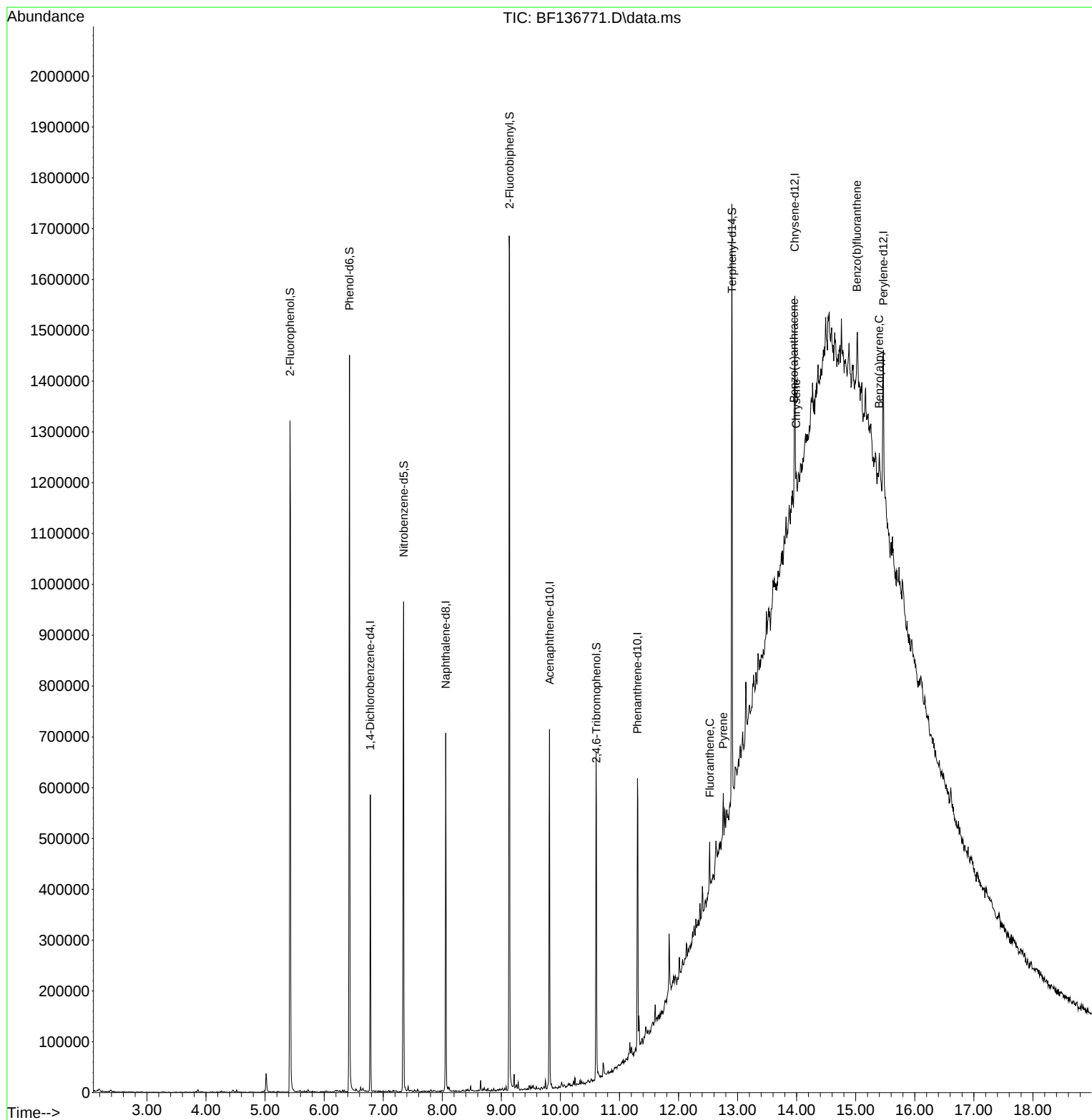
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136771.D
Acq On : 27 Dec 2023 22:01
Operator : CG\JU
Sample : 05827-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

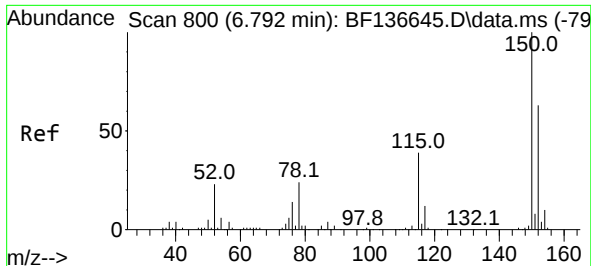
Instrument :
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RT-SB-07-10-11

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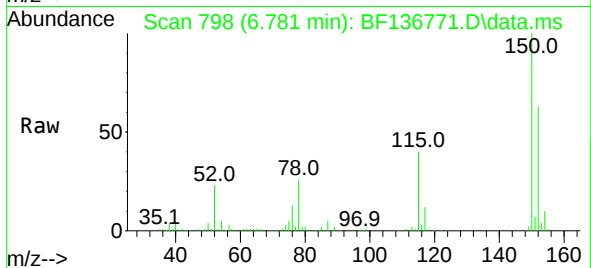
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

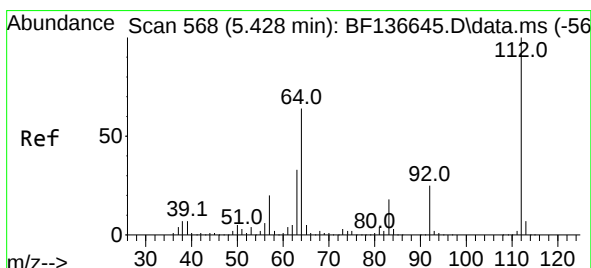
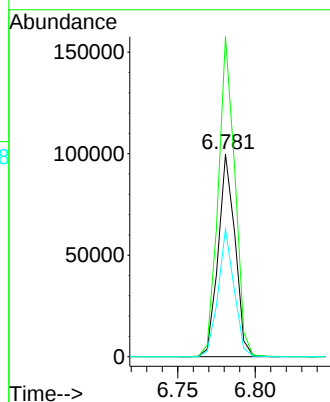
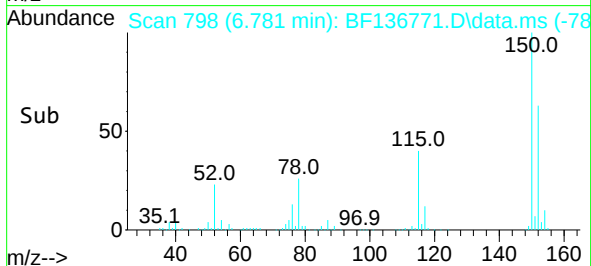
Instrument :
BNA_F
ClientSampleId :
RT-SB-07-10-11



Tgt Ion:152 Resp: 7546
Ion Ratio Lower Upper
152 100
150 158.1 127.0 190.6
115 63.1 49.0 73.4

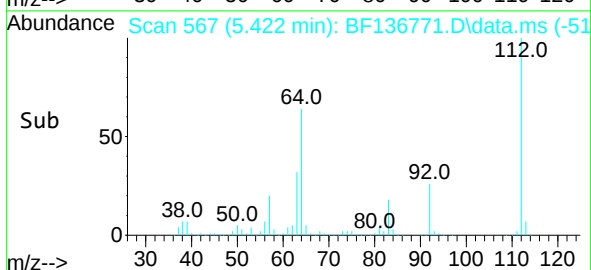
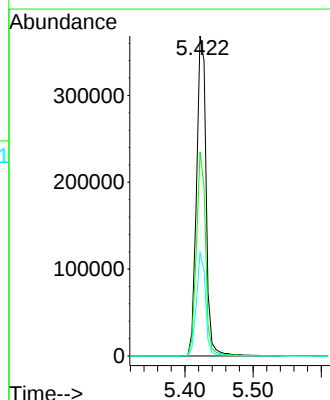
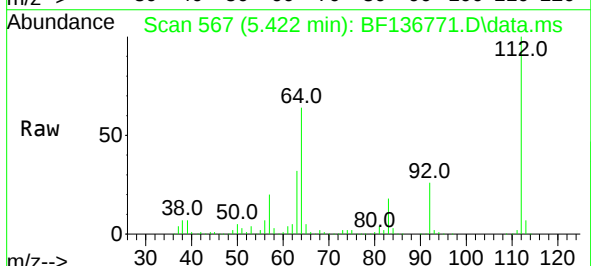
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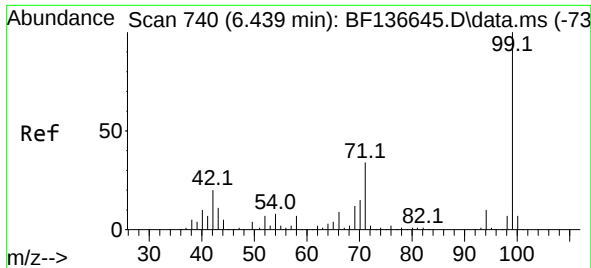
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#5
2-Fluorophenol
Concen: 74.349 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

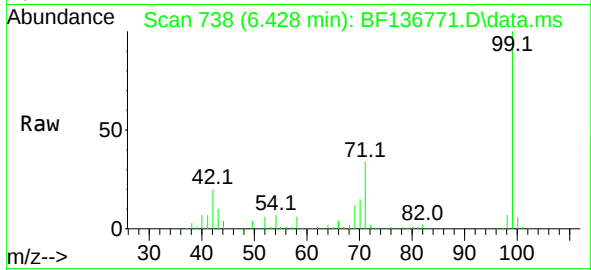
Tgt Ion:112 Resp: 359597
Ion Ratio Lower Upper
112 100
64 63.8 51.1 76.7
63 32.2 26.1 39.1





#7
Phenol-d6
Concen: 73.422 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

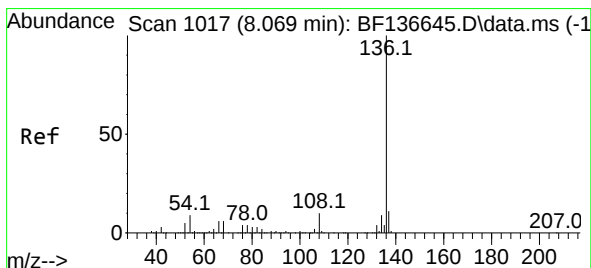
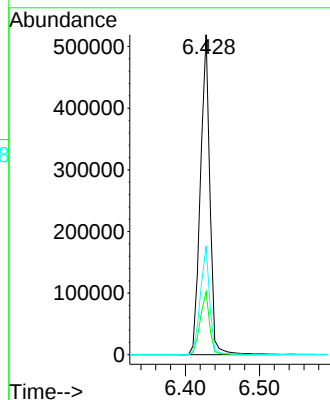
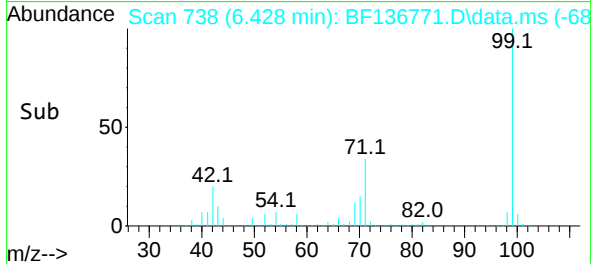
Instrument :
BNA_F
ClientSampleId :
RT-SB-07-10-11



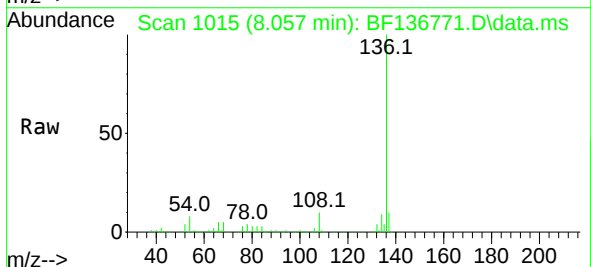
Tgt Ion: 99 Resp: 460140
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 34.0 27.4 41.2

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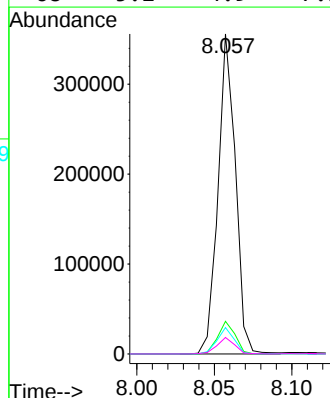
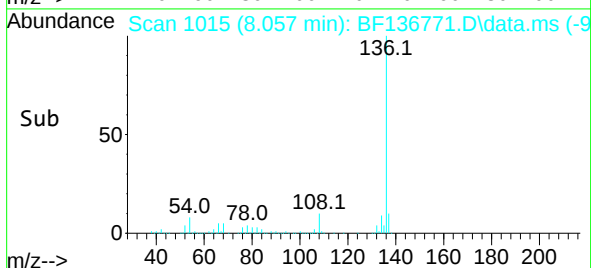
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Supervised By :mohammad ahmed 12/28/2023

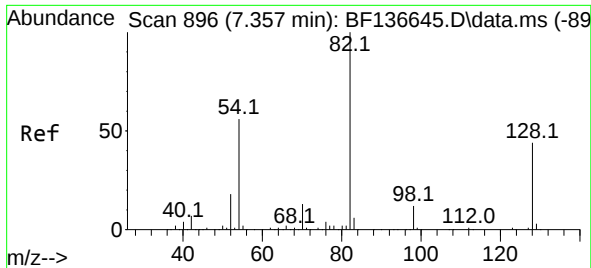


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01



Tgt Ion:136 Resp: 278278
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 8.3 7.2 10.8
68 5.2 4.9 7.3





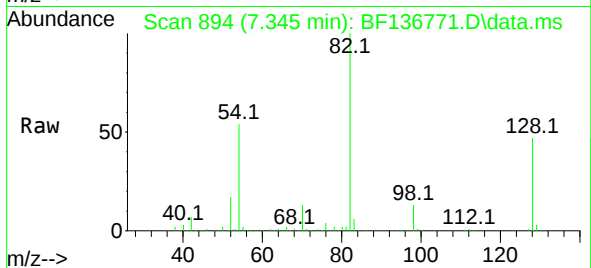
#23
Nitrobenzene-d5
Concen: 53.703 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

Instrument :

BNA_F

ClientSampleId :

RT-SB-07-10-11

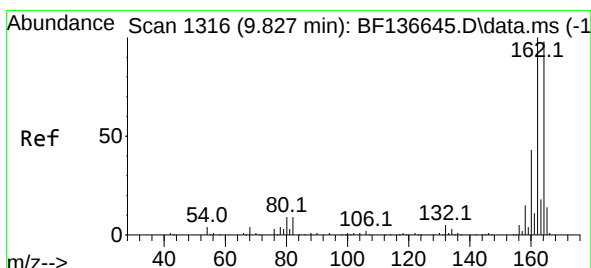
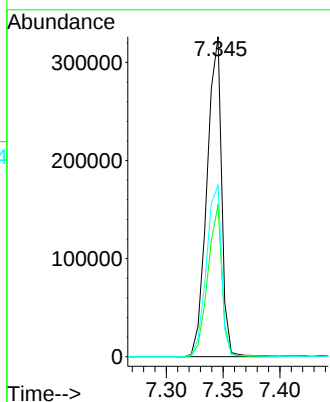
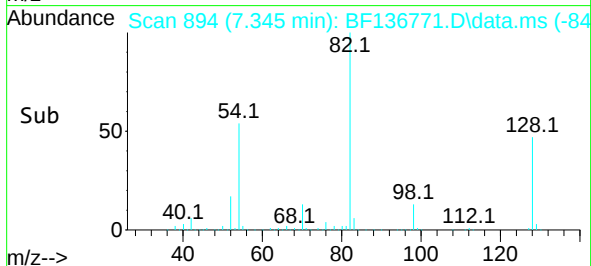


Tgt Ion: 82 Resp: 292045
Ion Ratio Lower Upper
82 100
128 47.4 35.3 52.9
54 53.5 44.5 66.7

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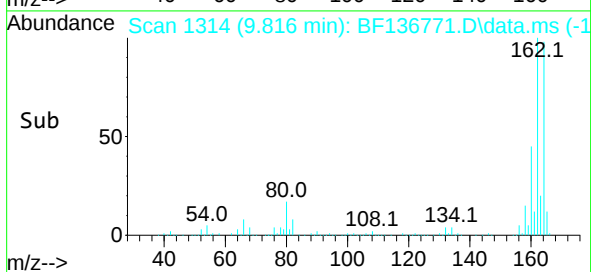
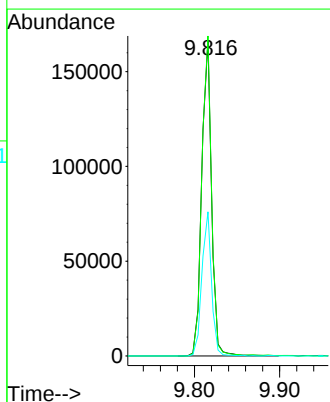
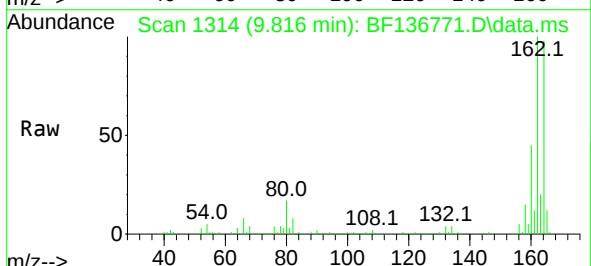
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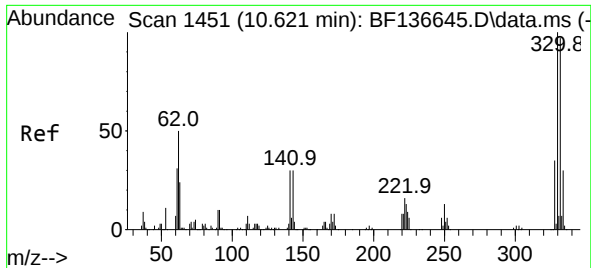
Reviewed By :Yogesh Patel 12/28/2023
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

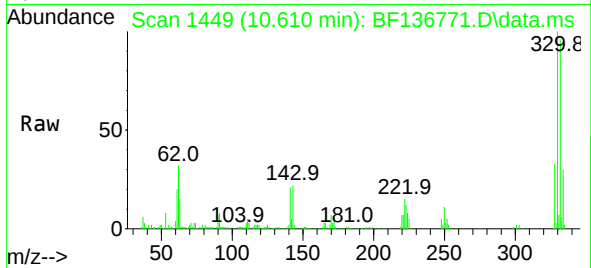
Tgt Ion:164 Resp: 133388
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 45.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 52.155 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

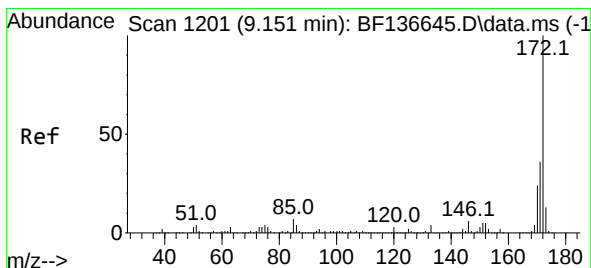
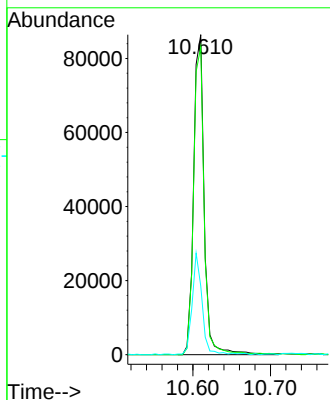
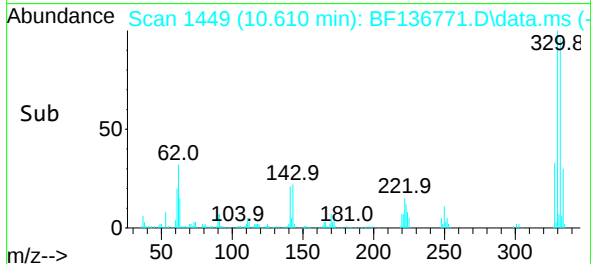
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ClientSampleId :
RT-SB-07-10-11



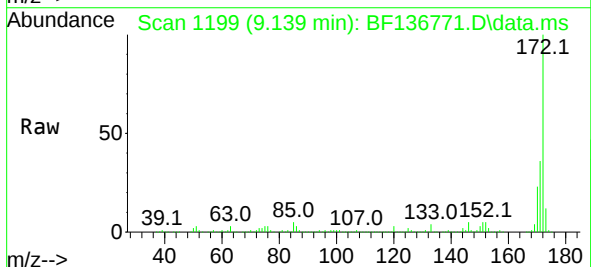
Tgt Ion: 330 Resp: 81932
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.0 23.4 35.2

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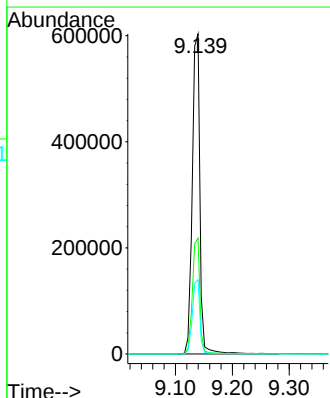
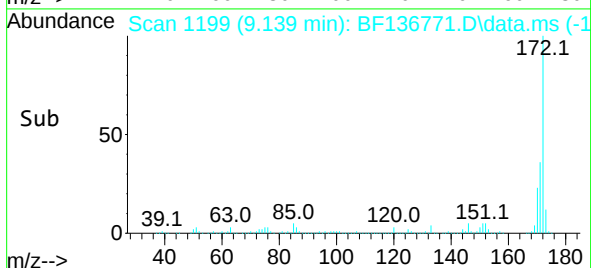
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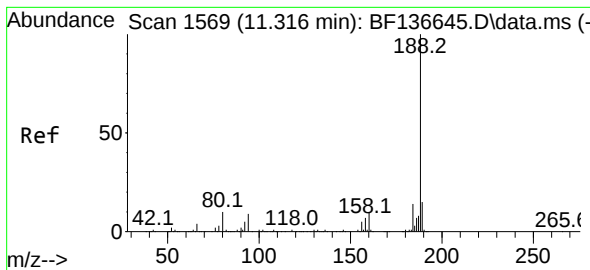


#45
2-Fluorobiphenyl
Concen: 57.205 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01



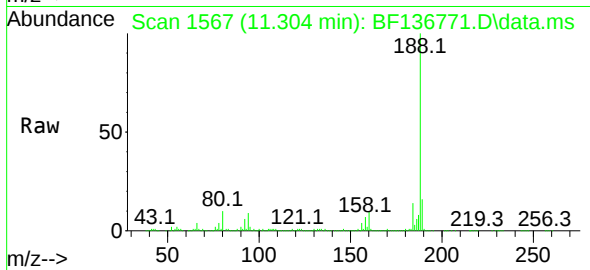
Tgt Ion: 172 Resp: 567324
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

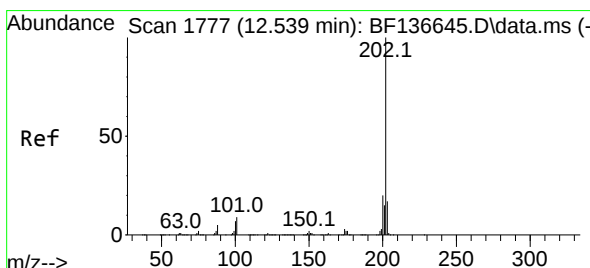
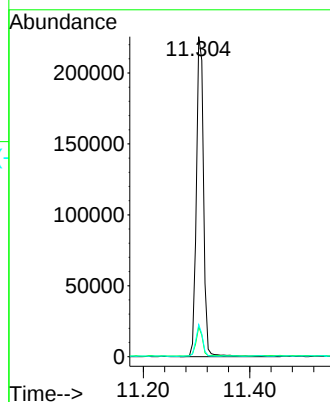
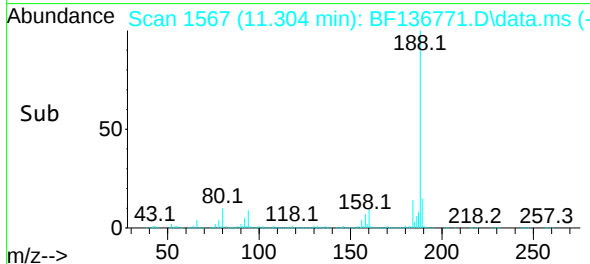
Instrument :
BNA_F
ClientSampleId :
RT-SB-07-10-11



Tgt Ion:188 Resp: 21066
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.0 8.1 12.1

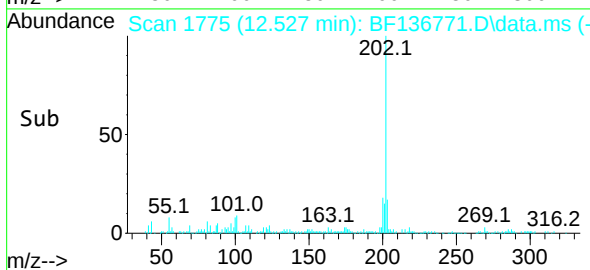
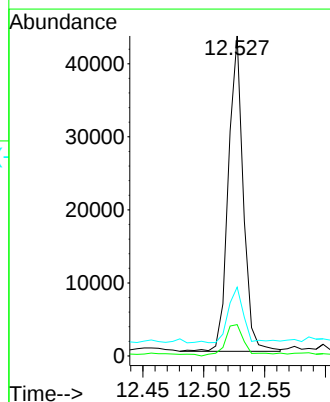
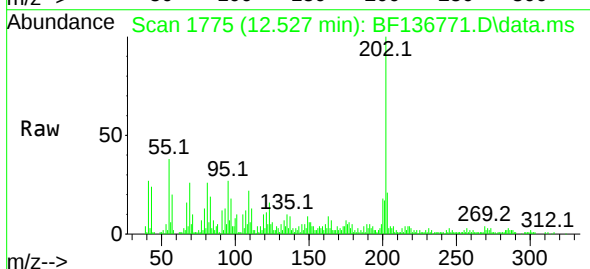
Manual Integrations
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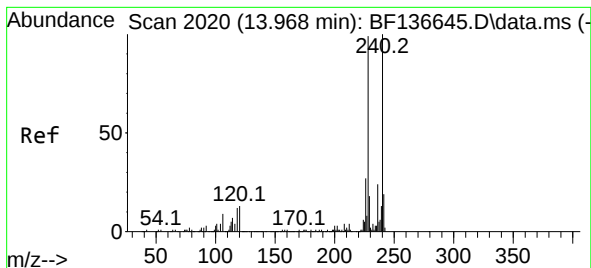
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#75
Fluoranthene
Concen: 3.186 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

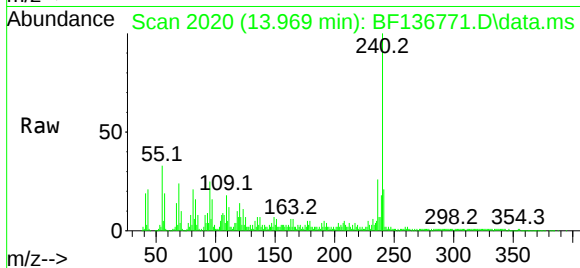
Tgt Ion:202 Resp: 36840
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.3
203 21.5 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

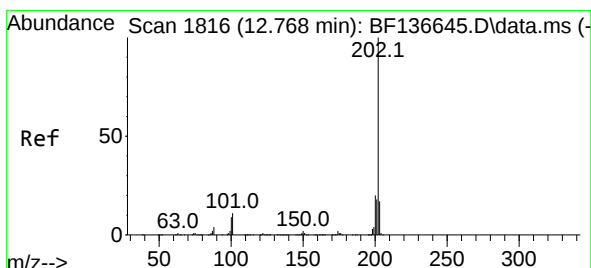
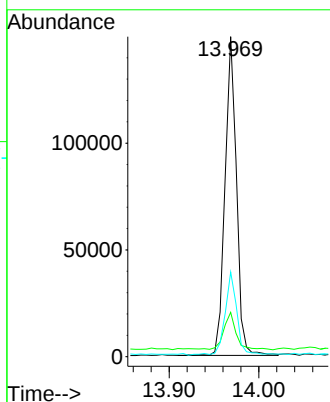
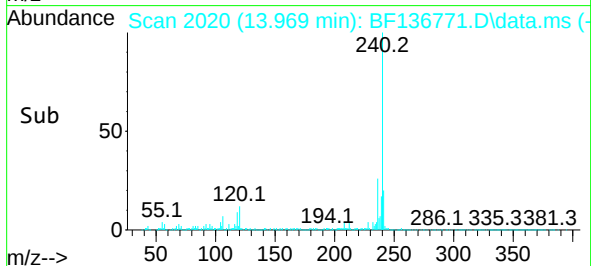
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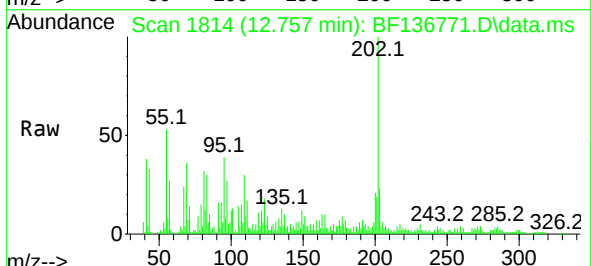
Tgt Ion:240 Resp: 132905
Ion Ratio Lower Upper
240 100
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236 26.5 19.4 29.2

Manual Integrations
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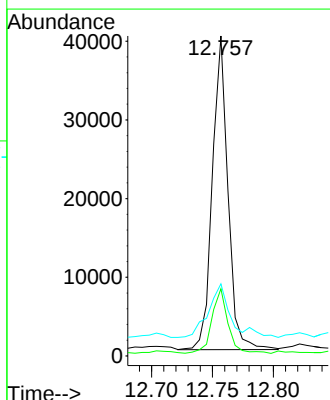
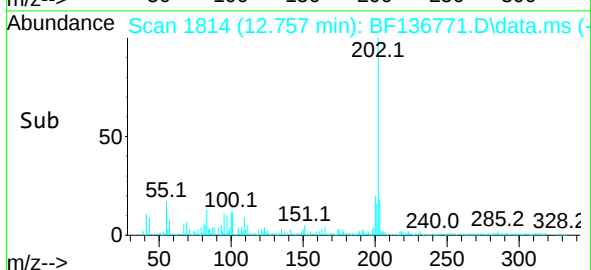
Reviewed By :Yogesh Patel 12/28/2023
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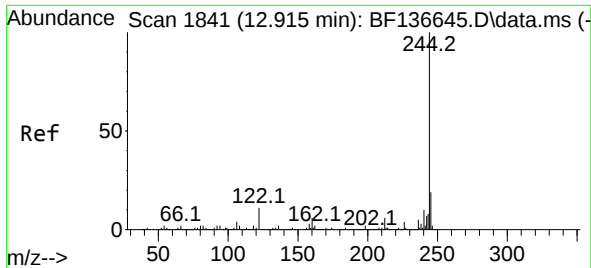


#78
Pyrene
Concen: 2.736 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01



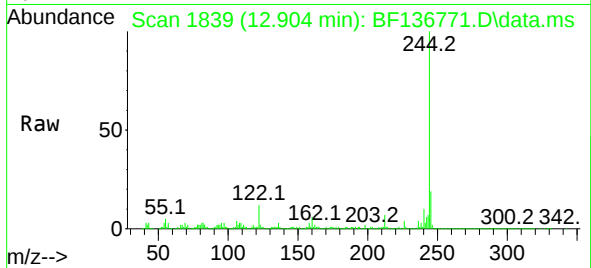
Tgt Ion:202 Resp: 35695
Ion Ratio Lower Upper
202 100
200 21.0 15.9 23.9
203 22.6 13.8 20.6#





#79
 Terphenyl-d14
 Concen: 45.051 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136771.D
 Acq: 27 Dec 2023 22:01

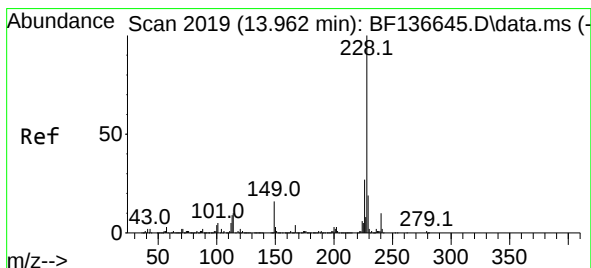
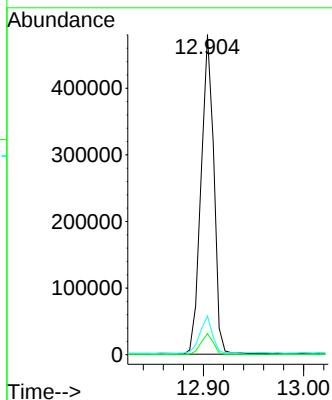
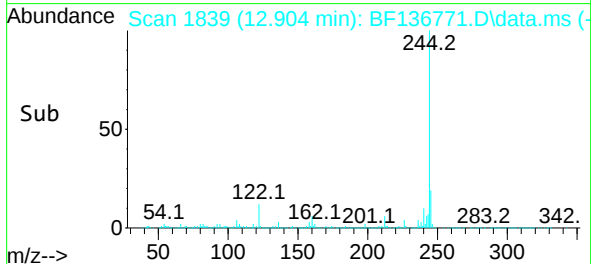
Instrument :
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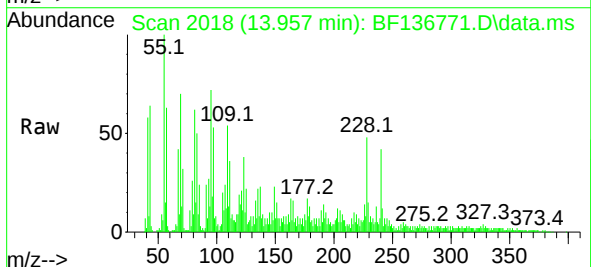
Tgt Ion:244 Resp: 428449
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 12.1 9.0 13.4

Manual Integrations
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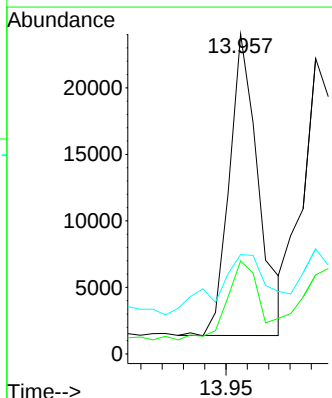
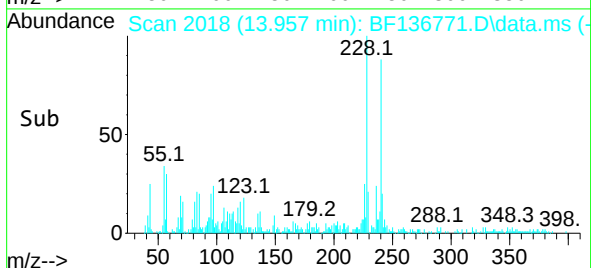
Reviewed By :Yogesh Patel 12/28/2023
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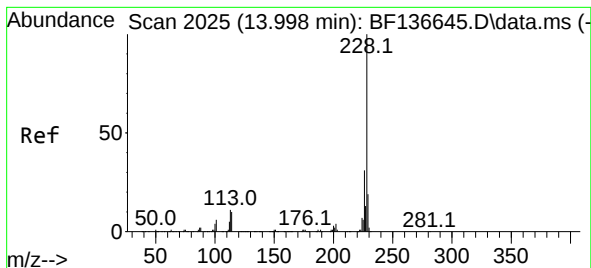


#81
 Benzo(a)anthracene
 Concen: 2.346 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF136771.D
 Acq: 27 Dec 2023 22:01



Tgt Ion:228 Resp: 21654
 Ion Ratio Lower Upper
 228 100
 226 29.1 21.4 32.0
 229 31.0 14.9 22.3





#83

Chrysene

Concen: 2.408 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136771.D

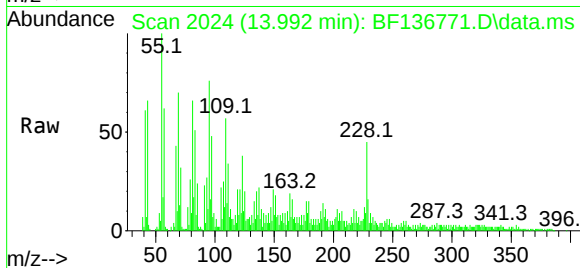
Acq: 27 Dec 2023 22:01

Instrument :

BNA_F

ClientSampleId :

RT-SB-07-10-11



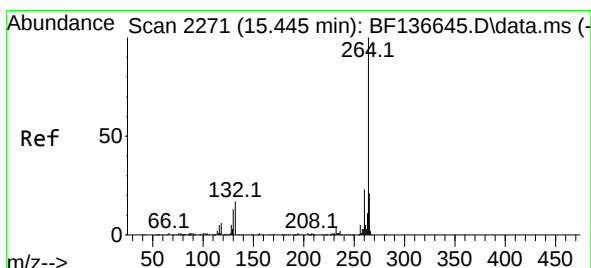
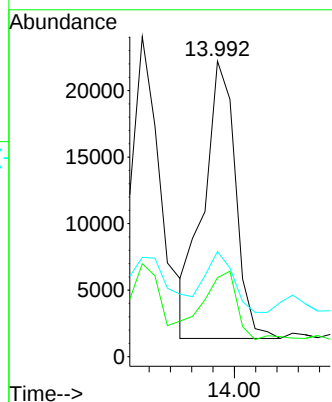
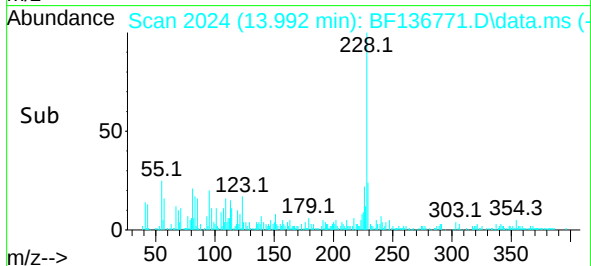
Tgt Ion:	228	Resp:	21730
Ion Ratio	Lower	Upper	
228	100		
226	26.7	24.7	37.1
229	35.6	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#86

Perylene-d12

Concen: 20.000 ng

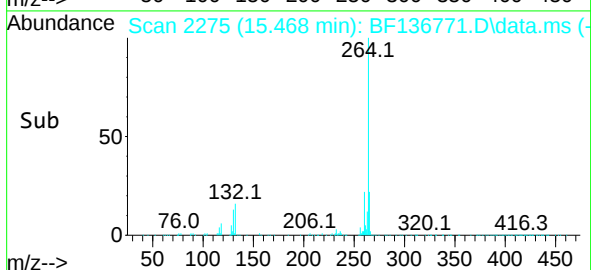
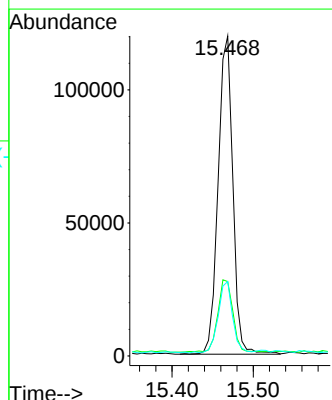
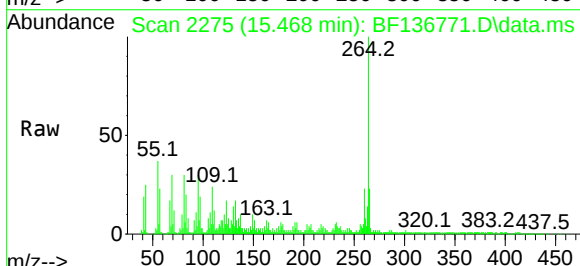
RT: 15.468 min Scan# 2275

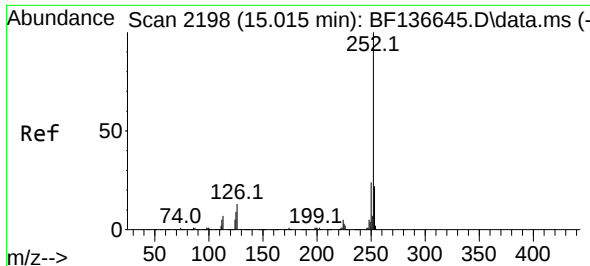
Delta R.T. 0.024 min

Lab File: BF136771.D

Acq: 27 Dec 2023 22:01

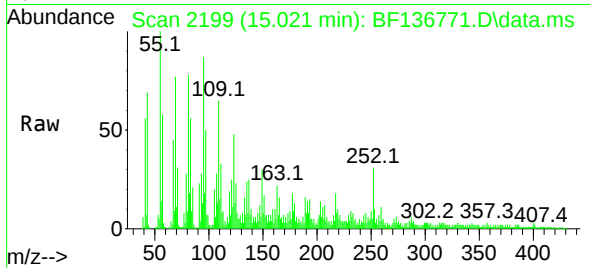
Tgt Ion:	264	Resp:	151116
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.3	27.5
265	23.2	17.0	25.6





#88
Benzo(b)fluoranthene
Concen: 2.597 ng m
RT: 15.021 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01

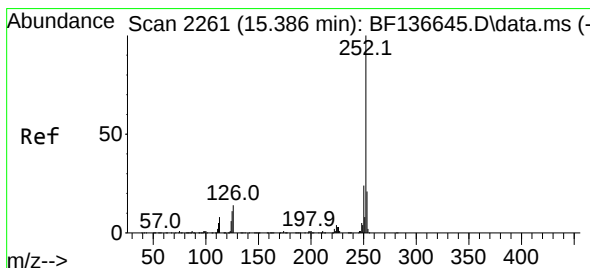
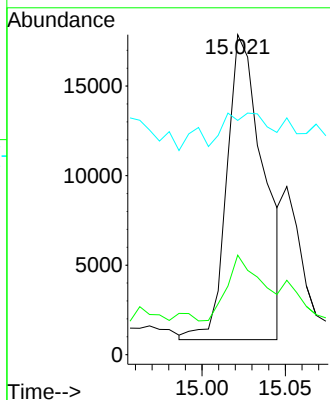
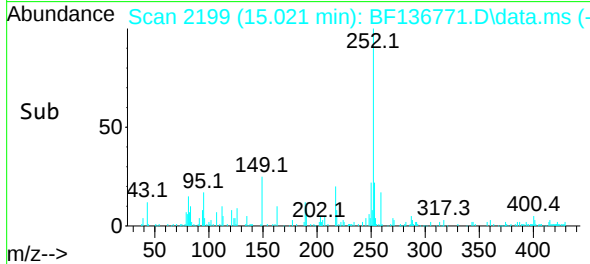
Instrument :
BNA_F
ClientSampleId :
RT-SB-07-10-11



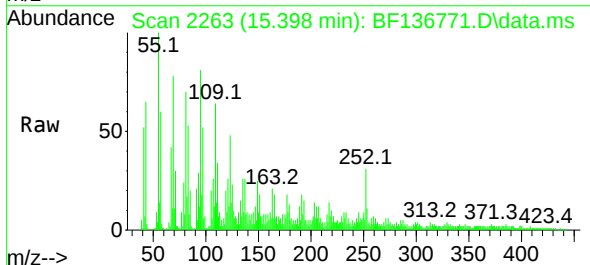
Tgt Ion:252 Resp: 2621
Ion Ratio Lower Upper
252 100
253 31.1 17.4 26.0#
125 73.2 7.4 11.2#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#90
Benzo(a)pyrene
Concen: 2.056 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF136771.D
Acq: 27 Dec 2023 22:01



Tgt Ion:252 Resp: 17515
Ion Ratio Lower Upper
252 100
253 35.7 17.0 25.6#
125 75.6 8.8 13.2#

