

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
 Data File : BF140964.D
 Acq On : 23 Dec 2024 12:46
 Operator : RC/JU
 Sample : P5355-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251688

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 23 13:16:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	58220	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	217474	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	124027	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	208395	20.000	ng	0.00
76) Chrysene-d12	14.057	240	124355	20.000	ng	0.02
86) Perylene-d12	15.604	264	137694	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	284821	80.534	ng	0.00
7) Phenol-d6	6.498	99	365535	78.033	ng	0.00
23) Nitrobenzene-d5	7.410	82	234457	53.938	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	111023	75.686	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	504033	55.872	ng	0.00
79) Terphenyl-d14	12.957	244	409241	51.893	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.598	202	32543	2.637	ng	100
78) Pyrene	12.827	202	27537	2.490	ng	99
83) Chrysene	14.086	228	16059	2.004	ng	93
84) Bis(2-ethylhexyl)phtha...	14.010	149	15788	3.009	ng	98
88) Benzo(b)fluoranthene	15.168	252	23369m	2.445	ng	

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

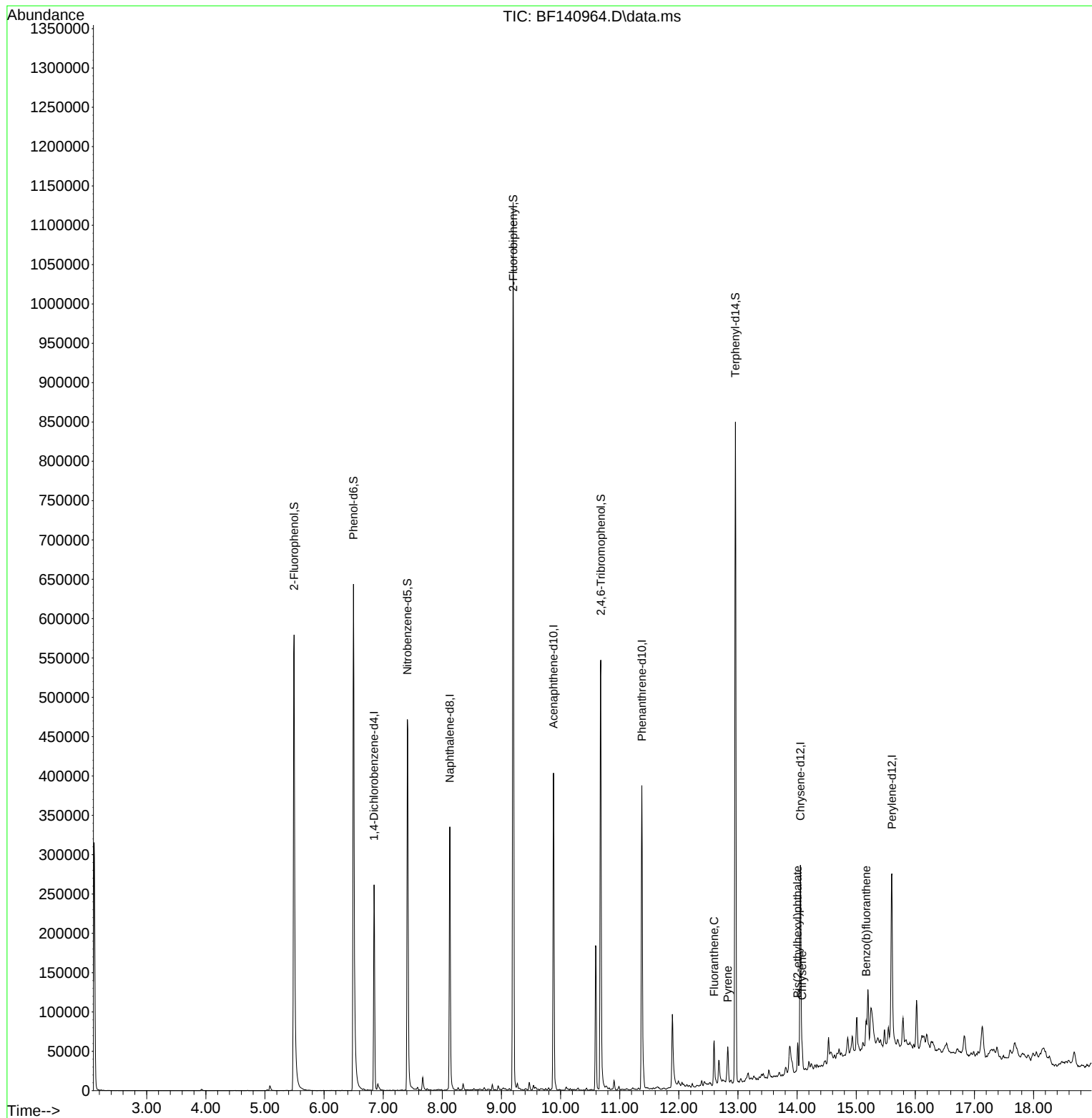
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140964.D
Acq On : 23 Dec 2024 12:46
Operator : RC/JU
Sample : P5355-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

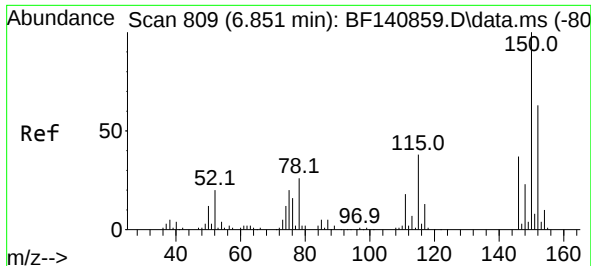
Instrument :
BNA_F
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RBR251688

Quant Time: Dec 23 13:16:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
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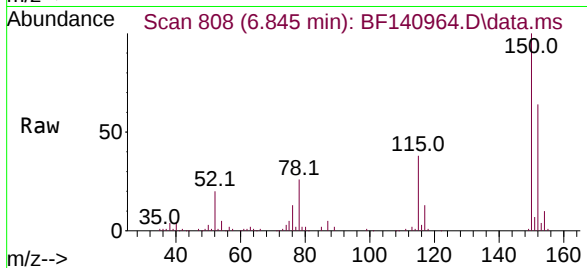
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

RBR251688

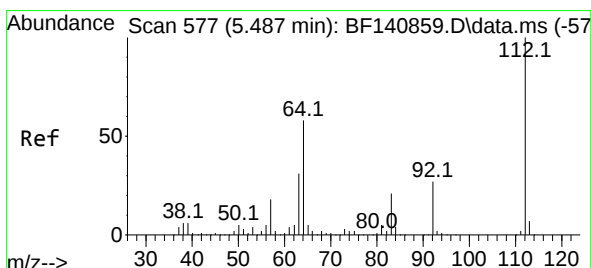
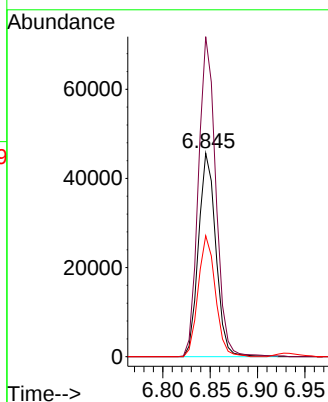
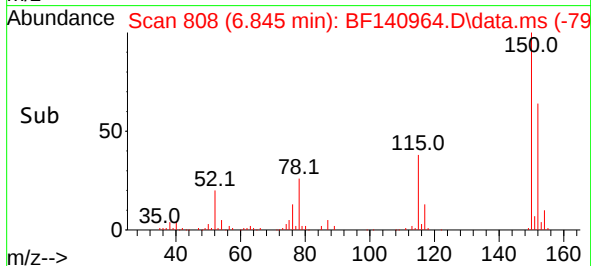


Tgt Ion:152 Resp: 58220
Ion Ratio Lower Upper
152 100
150 157.3 127.9 191.9
115 59.4 48.0 72.0

Manual Integrations

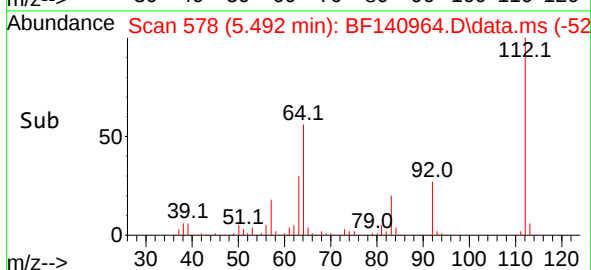
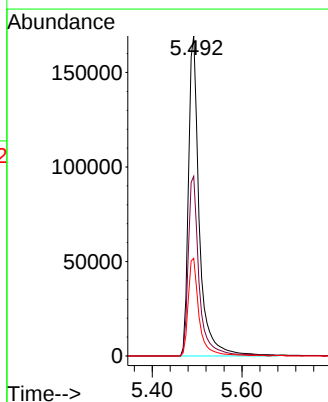
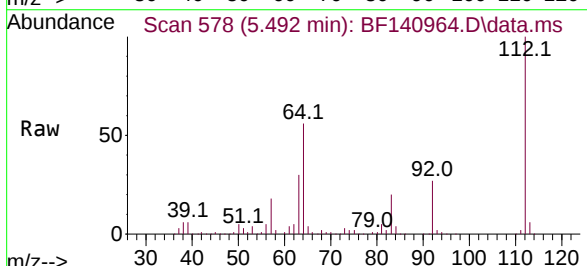
APPROVED

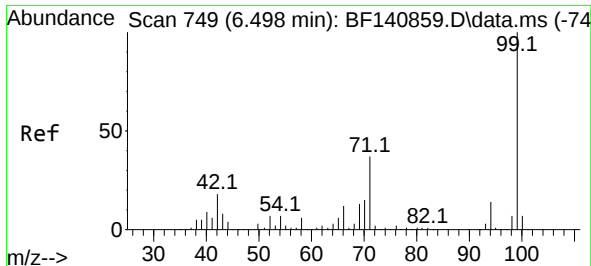
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



#5
2-Fluorophenol
Concen: 80.534 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

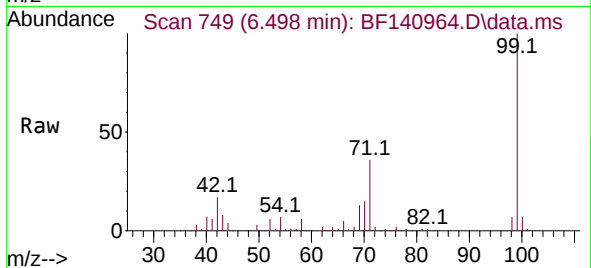
Tgt Ion:112 Resp: 284821
Ion Ratio Lower Upper
112 100
64 56.2 46.1 69.1
63 30.5 24.9 37.3





#7
Phenol-d6
Concen: 78.033 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

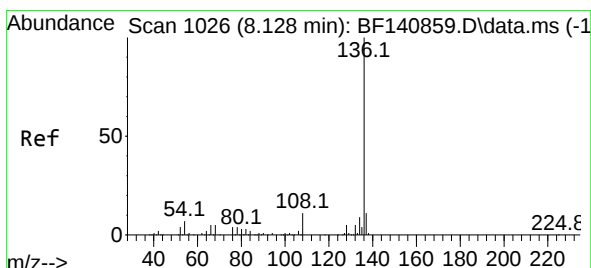
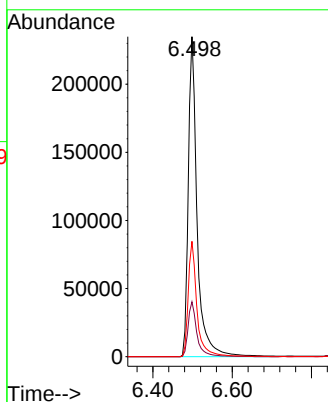
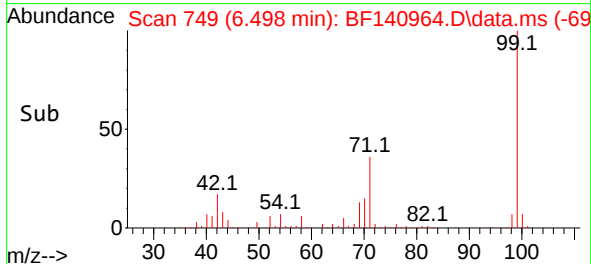
Instrument :
BNA_F
ClientSampleId :
RBR251688



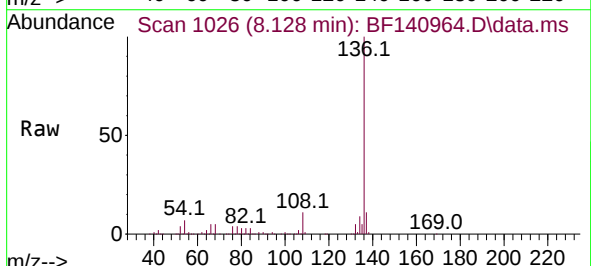
Tgt Ion: 99 Resp: 365538
Ion Ratio Lower Upper
99 100
42 17.2 14.3 21.5
71 36.0 29.9 44.9

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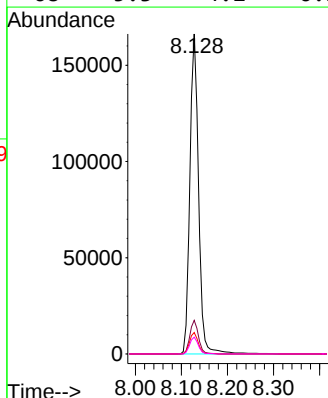
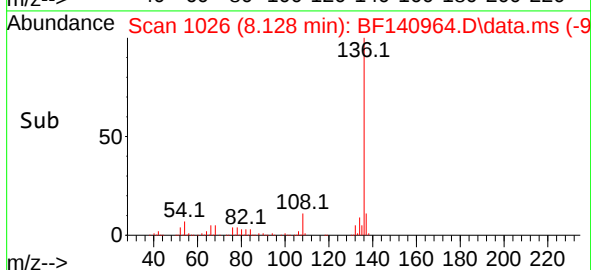
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

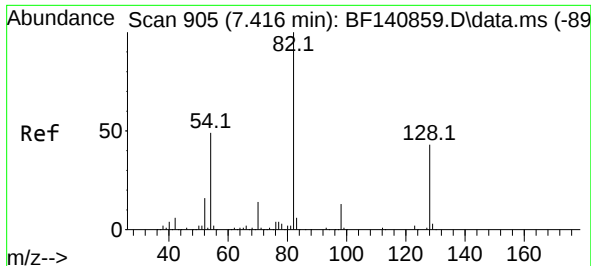


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46



Tgt Ion:136 Resp: 217474
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.7 5.6 8.4
68 5.3 4.2 6.2





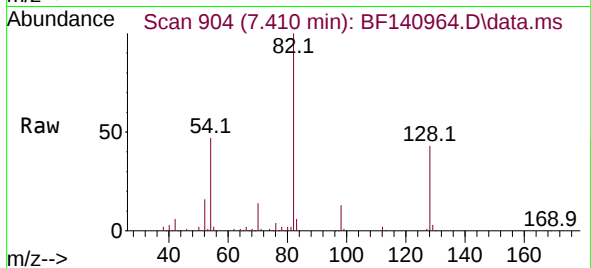
#23
Nitrobenzene-d5
Concen: 53.938 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

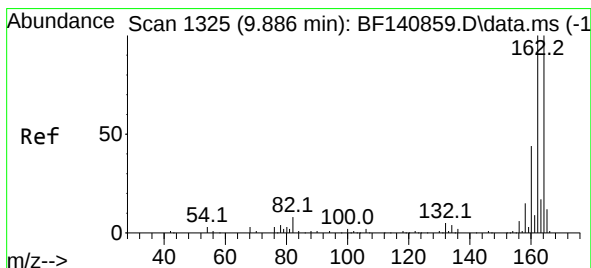
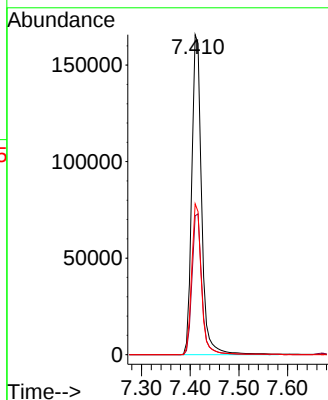
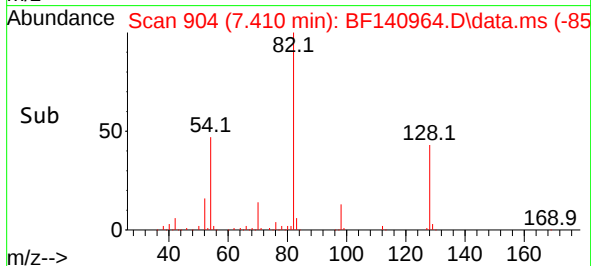
RBR251688



Tgt Ion: 82 Resp: 23445
Ion Ratio Lower Upper
82 100
128 43.4 34.4 51.6
54 47.1 38.8 58.2

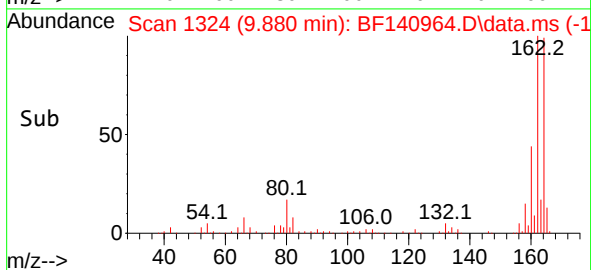
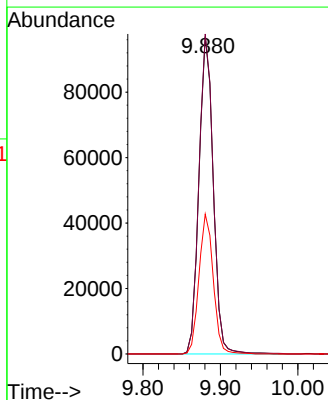
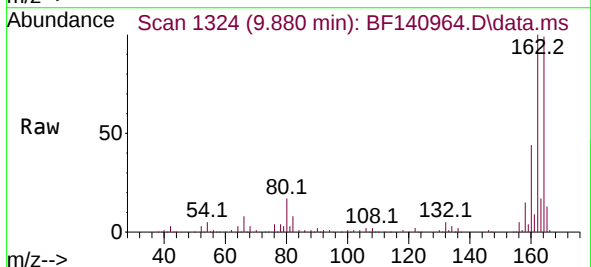
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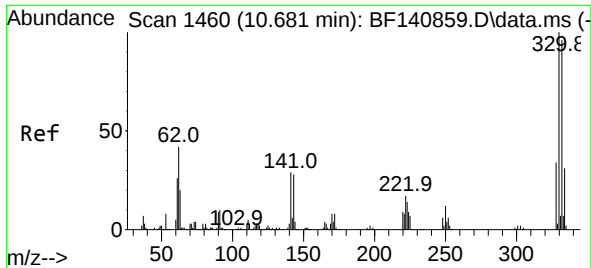
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Tgt Ion:164 Resp: 124027
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 44.1 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 75.686 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

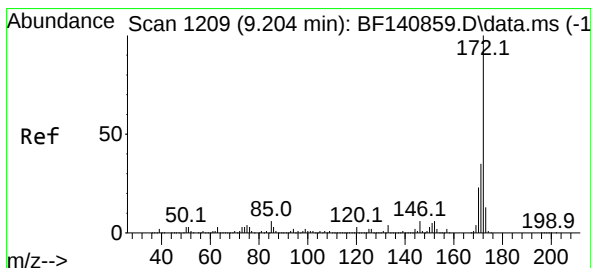
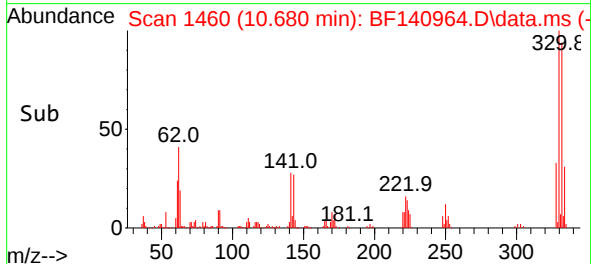
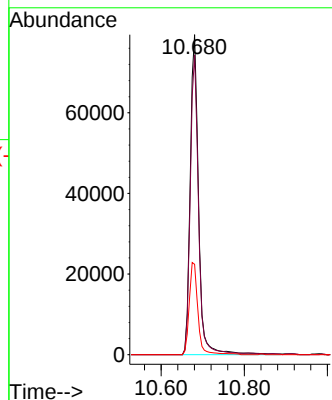
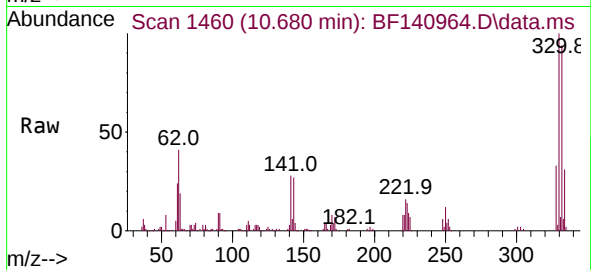
RBR251688

Tgt Ion:330 Resp: 111023
Ion Ratio Lower Upper
330 100
332 92.2 76.2 114.4
141 29.7 24.9 37.3

Manual Integrations

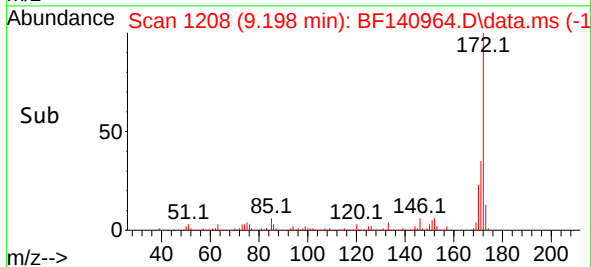
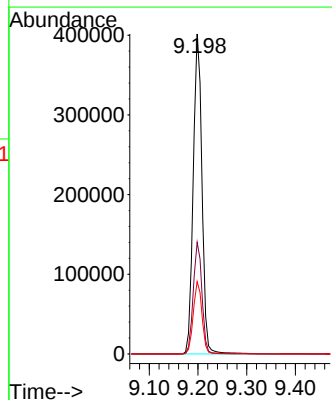
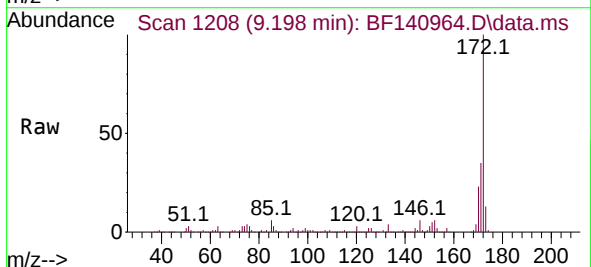
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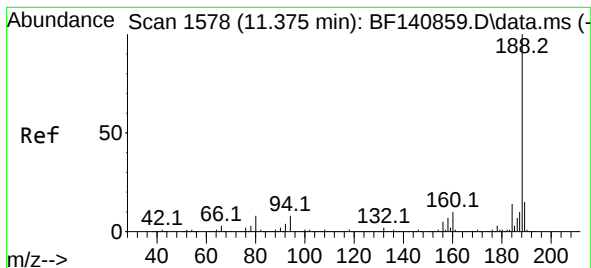
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



#45
2-Fluorobiphenyl
Concen: 55.872 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Tgt Ion:172 Resp: 504033
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 22.6 18.6 28.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

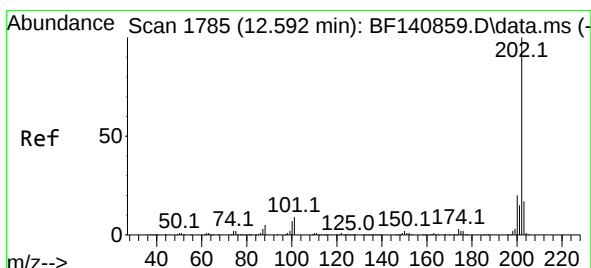
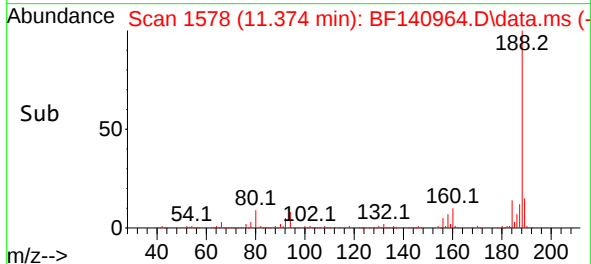
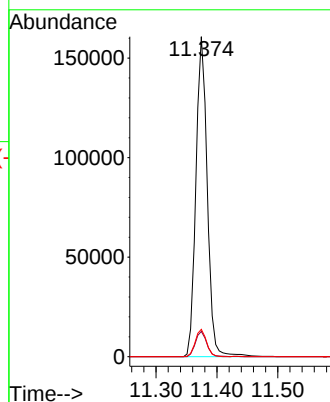
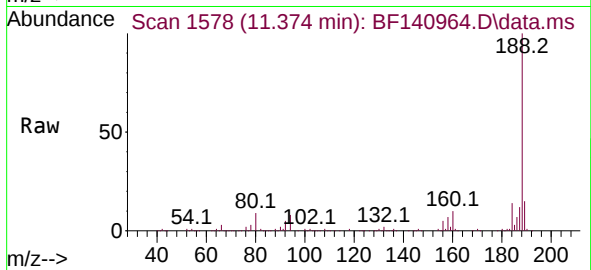
RBR251688

Tgt Ion:188 Resp: 20839
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.5 6.8 10.2

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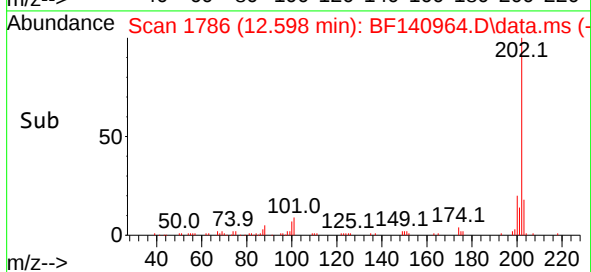
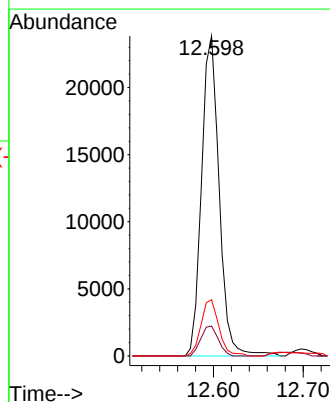
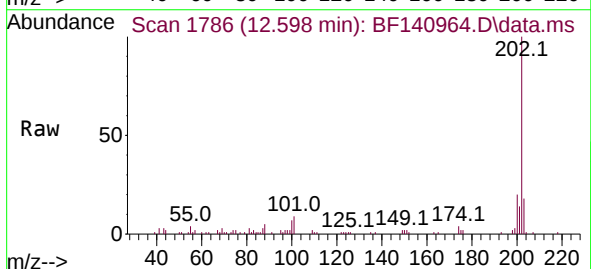
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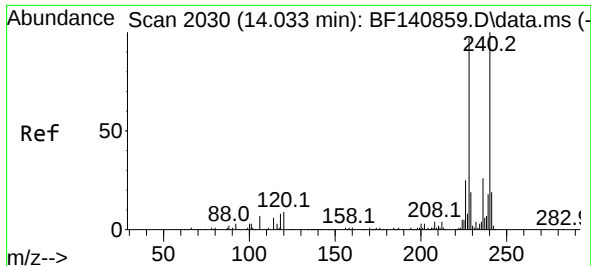
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



#75
Fluoranthene
Concen: 2.637 ng
RT: 12.598 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Tgt Ion:202 Resp: 32543
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.3
203 17.5 0.0 37.4





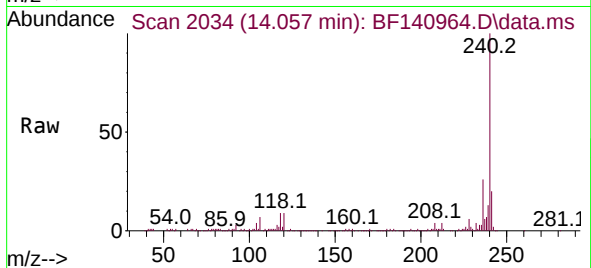
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2030
Delta R.T. 0.023 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

RBR251688



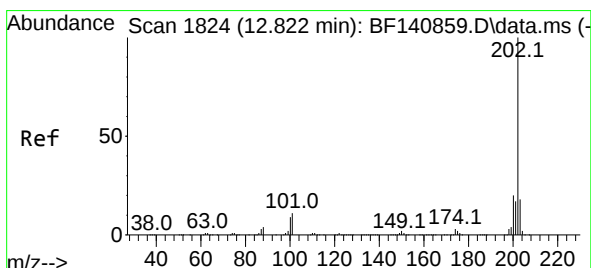
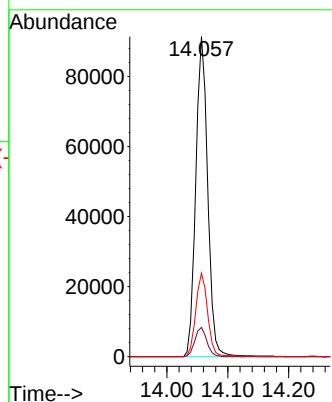
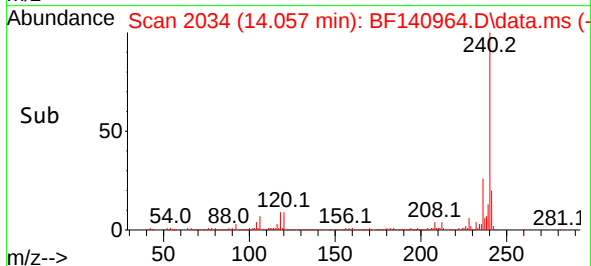
Tgt Ion:240 Resp: 12435
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 26.1 20.5 30.7

Manual Integrations

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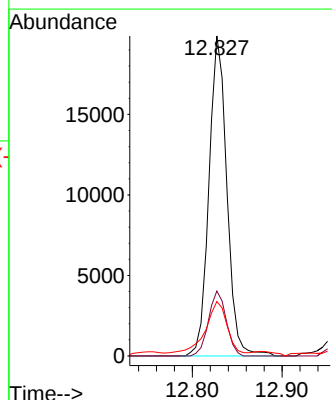
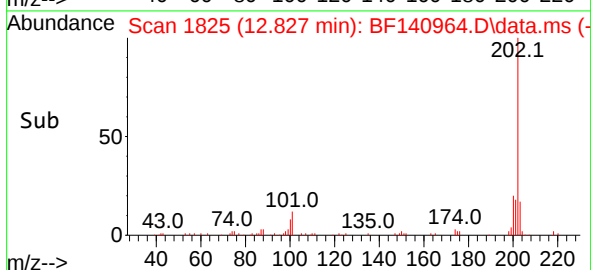
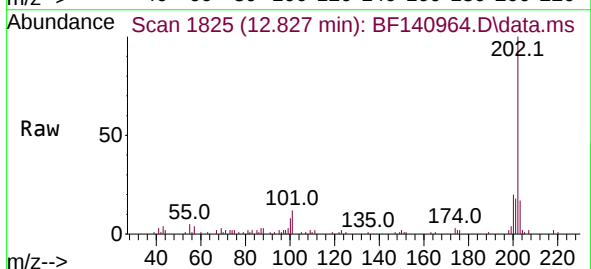
Reviewed By :Yogesh Patel 12/24/2024

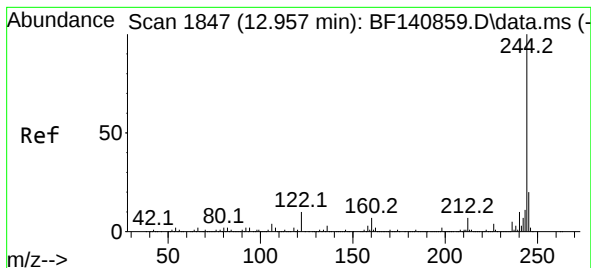
Supervised By :mohammad ahmed 12/24/2024



#78
Pyrene
Concen: 2.490 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Tgt Ion:202 Resp: 27537
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.0 14.2 21.4





#79

Terphenyl-d14

Concen: 51.893 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140964.D

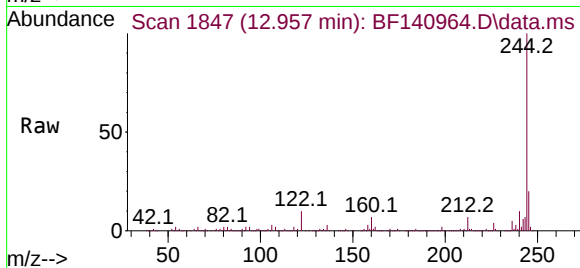
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

RBR251688



Tgt Ion:244 Resp: 40924

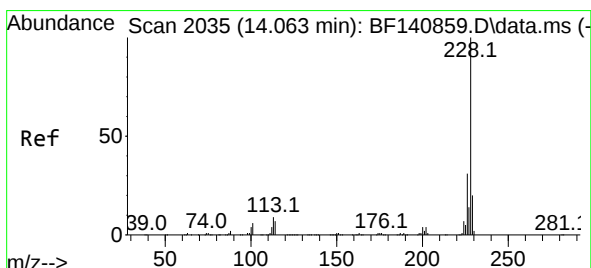
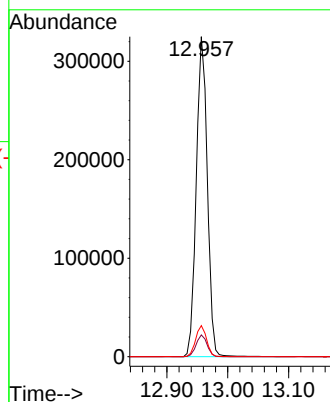
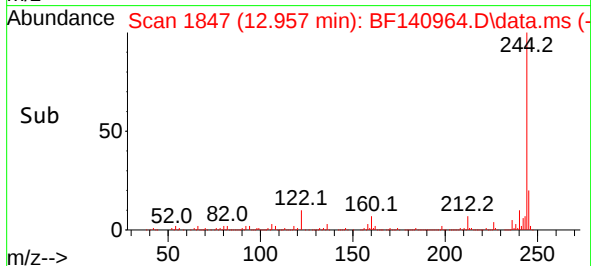
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.7	8.2	12.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024



#83

Chrysene

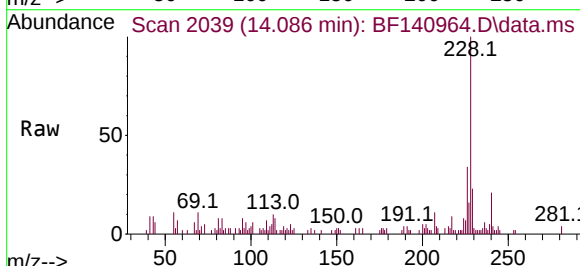
Concen: 2.004 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.023 min

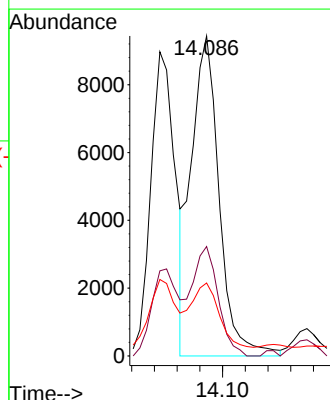
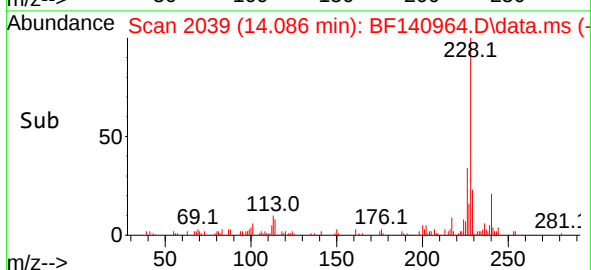
Lab File: BF140964.D

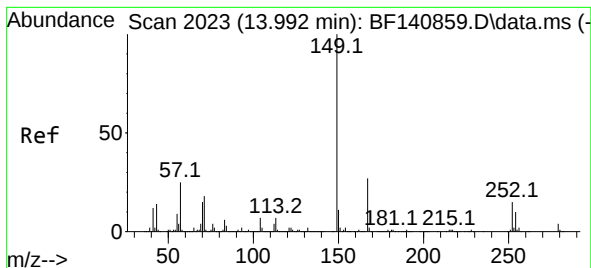
Acq: 23 Dec 2024 12:46



Tgt Ion:228 Resp: 16059

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.1	36.1
229	22.8	16.0	24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.009 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.017 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

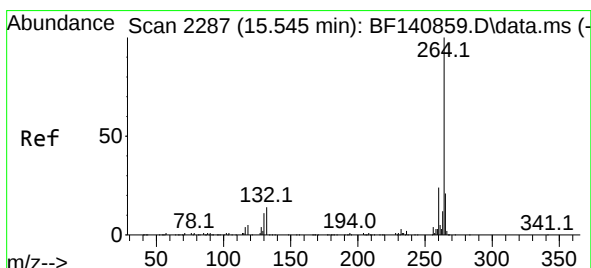
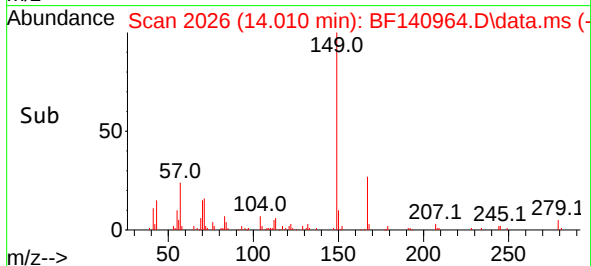
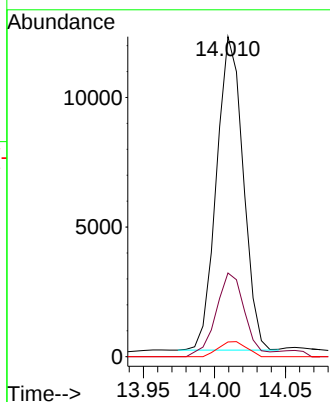
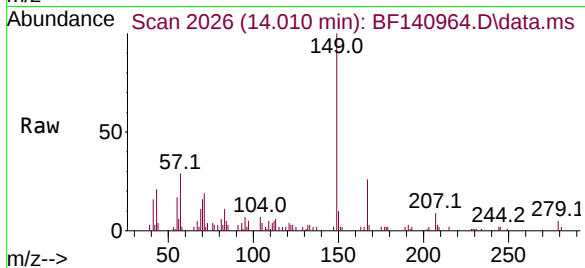
RBR251688

Tgt Ion:149 Resp: 1578
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.8
279 4.6 3.5 5.3

Manual Integrations

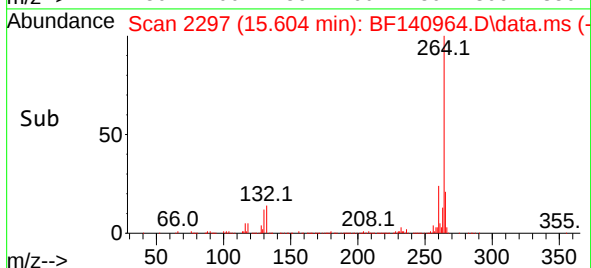
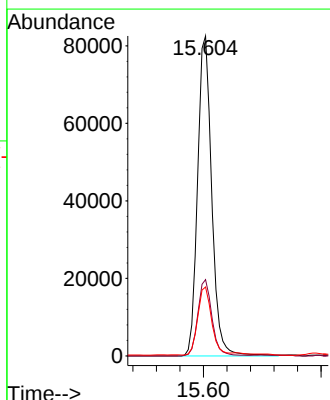
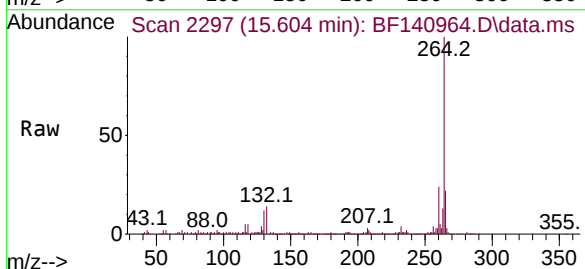
APPROVED

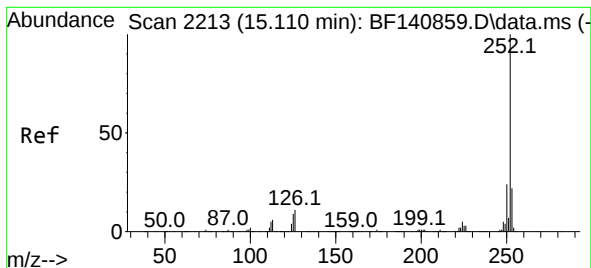
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2297
Delta R.T. 0.059 min
Lab File: BF140964.D
Acq: 23 Dec 2024 12:46

Tgt Ion:264 Resp: 137694
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.5 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.445 ng m

RT: 15.168 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF140964.D

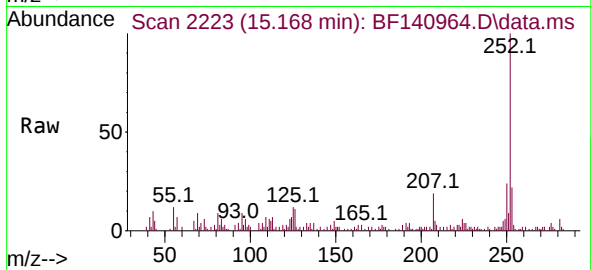
Acq: 23 Dec 2024 12:46

Instrument :

BNA_F

ClientSampleId :

RBR251688



Tgt Ion:252 Resp: 23369

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 11.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024

