

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140836.D
 Acq On : 11 Dec 2024 18:21
 Operator : RC/JU
 Sample : P5244-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-121024

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 00:05:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	56319	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	204603	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	109001	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	182191	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	108993	20.000	ng	0.00
86) Perylene-d12	15.545	264	98317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	296463	89.815	ng	0.00
7) Phenol-d6	6.510	99	385444	88.328	ng	0.00
23) Nitrobenzene-d5	7.422	82	239638	59.909	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	102763	88.150	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	462003	63.152	ng	-0.02
79) Terphenyl-d14	12.974	244	338773	48.399	ng	-0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.857	142	22483	3.359	ng	98
38) 1-Methylnaphthalene	8.957	142	14813m	2.258	ng	

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

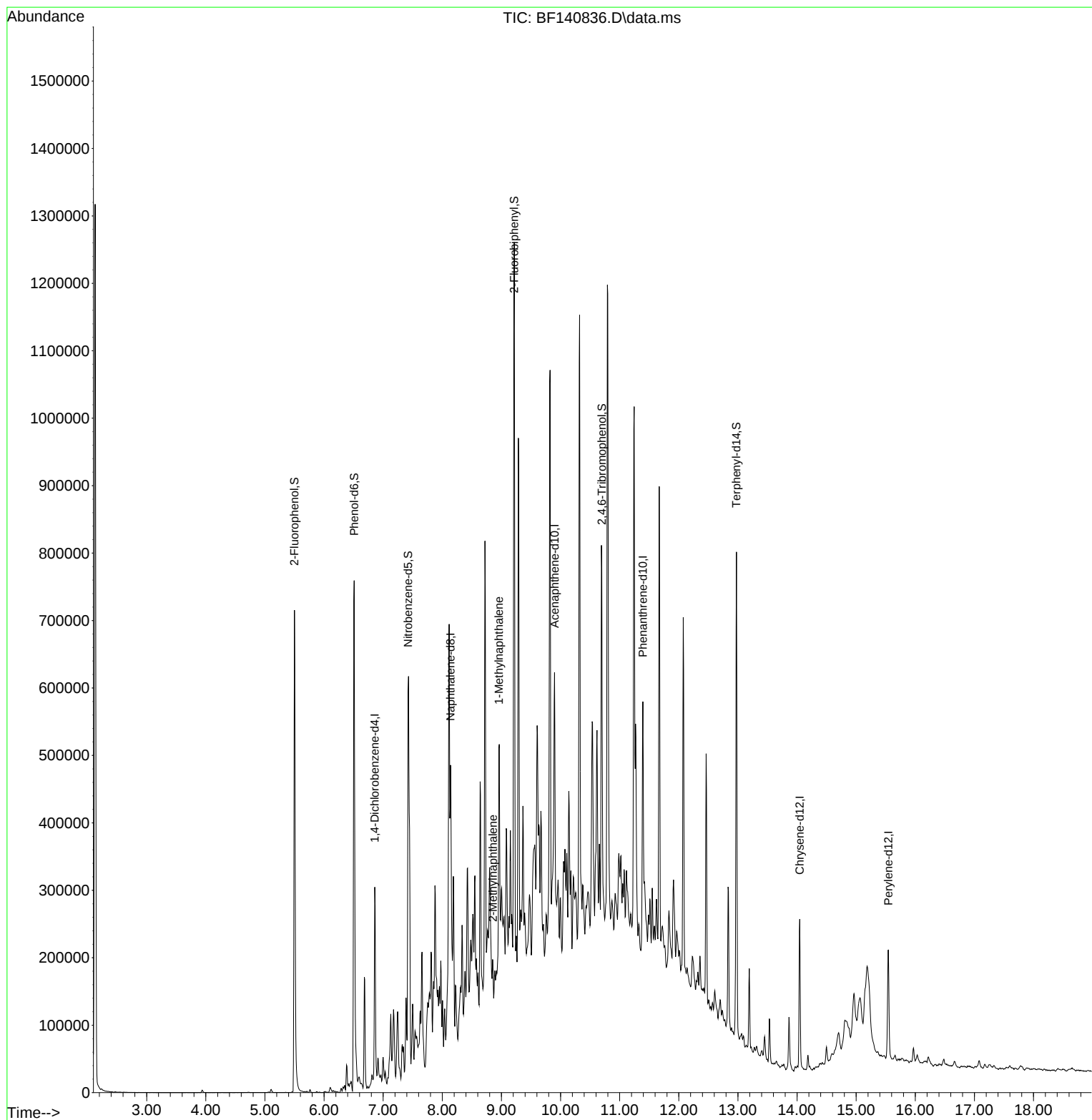
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140836.D
Acq On : 11 Dec 2024 18:21
Operator : RC/JU
Sample : P5244-01
Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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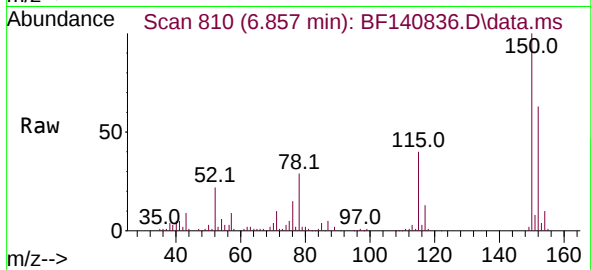
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Instrument :

BNA_F

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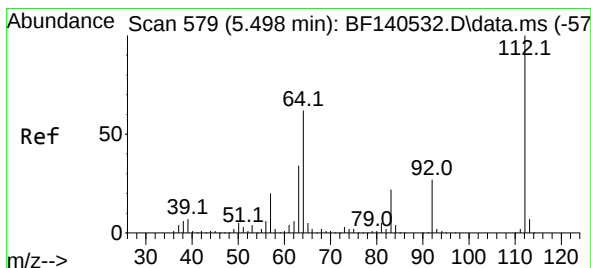
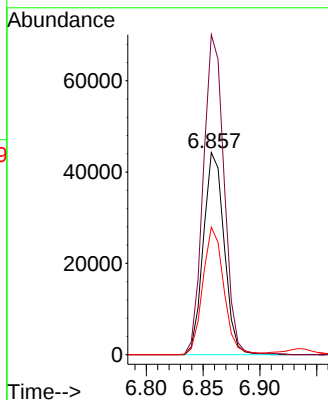
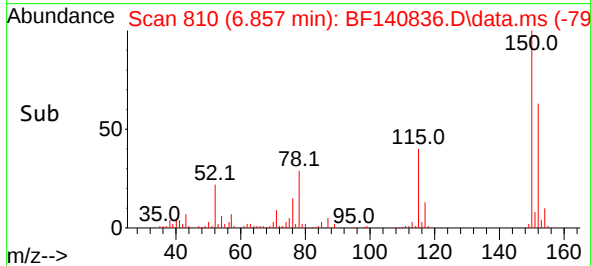
Tgt Ion:152 Resp: 56319
Ion Ratio Lower Upper
152 100
150 158.4 128.5 192.7
115 63.1 50.2 75.4

Manual Integrations

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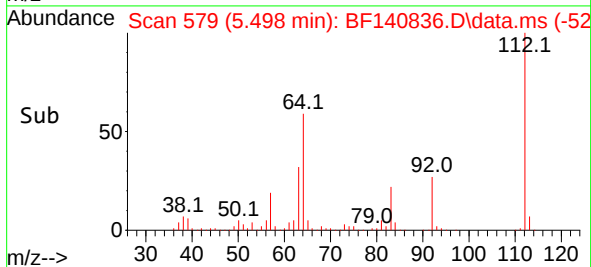
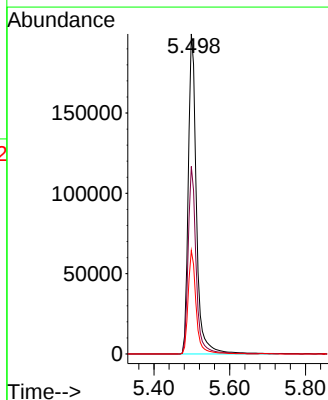
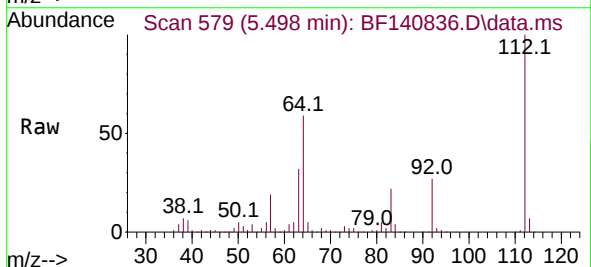
Reviewed By :Yogesh Patel 12/12/2024

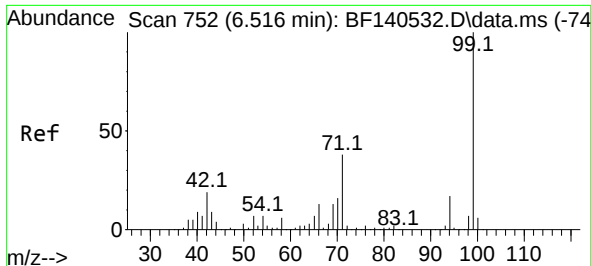
Supervised By :mohammad ahmed 12/12/2024



#5
2-Fluorophenol
Concen: 89.815 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

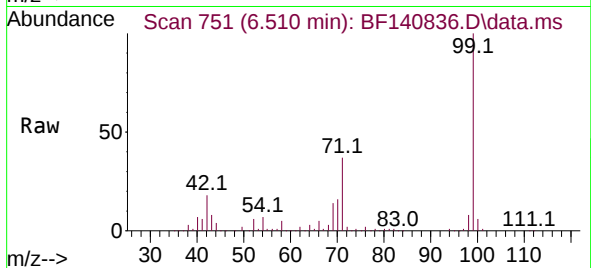
Tgt Ion:112 Resp: 296463
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 32.3 27.0 40.4





#7
Phenol-d6
Concen: 88.328 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

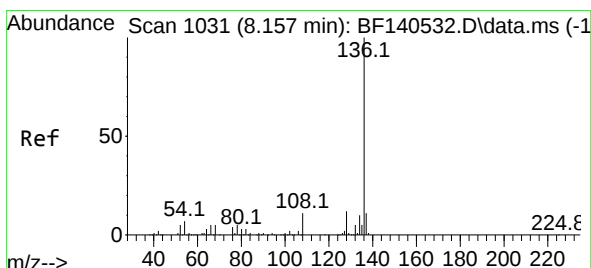
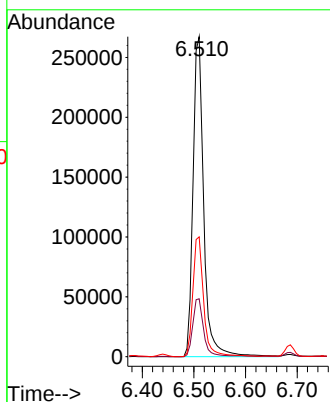
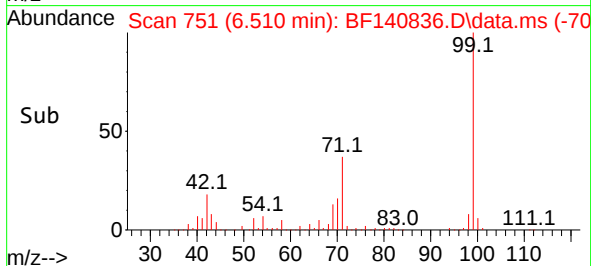
Instrument :
BNA_F
ClientSampleId :
NB-08-121024



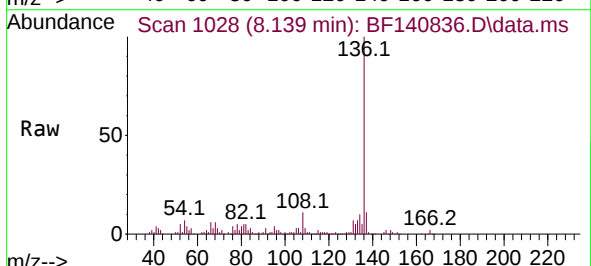
Tgt Ion: 99 Resp: 38544
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.4 30.6 46.0

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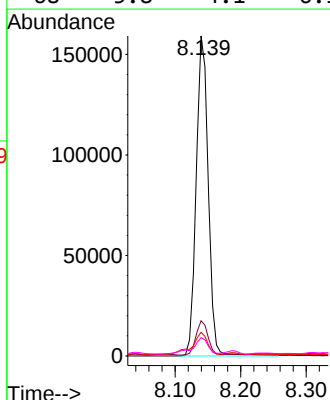
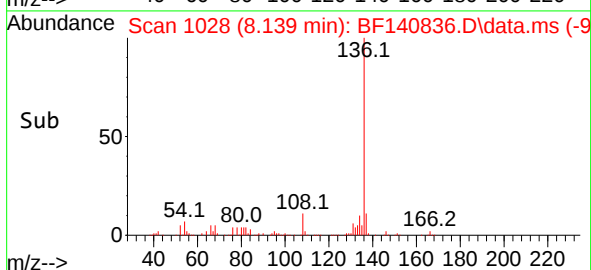
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

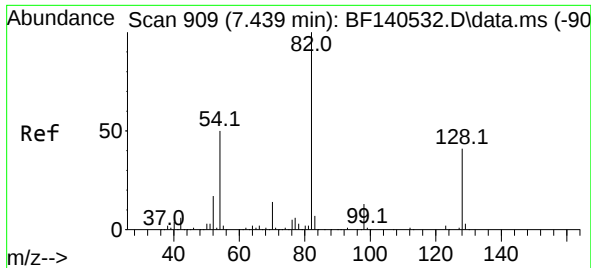


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21



Tgt Ion:136 Resp: 204603
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.4 5.8 8.8
68 5.8 4.1 6.1





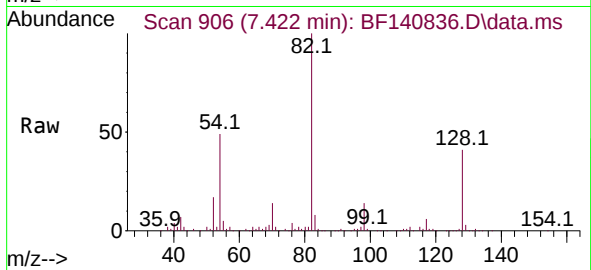
#23
Nitrobenzene-d5
Concen: 59.909 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Instrument :

BNA_F

ClientSampleId :

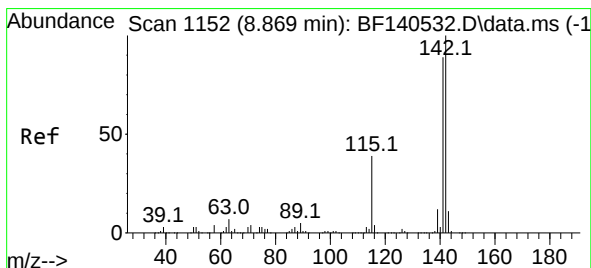
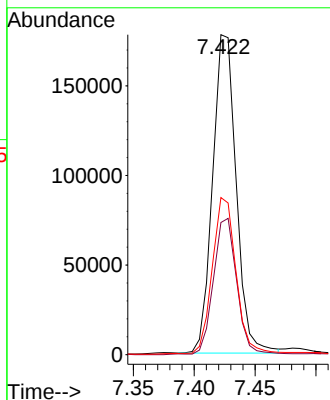
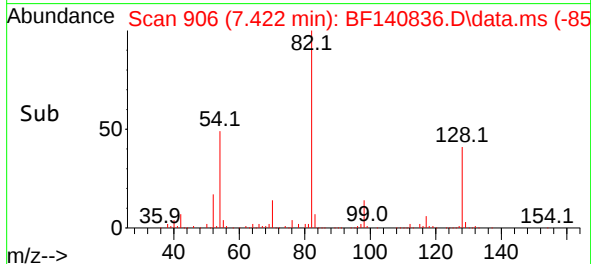
NB-08-121024



Tgt Ion: 82 Resp: 239638
Ion Ratio Lower Upper
82 100
128 41.3 33.0 49.4
54 49.1 39.5 59.3

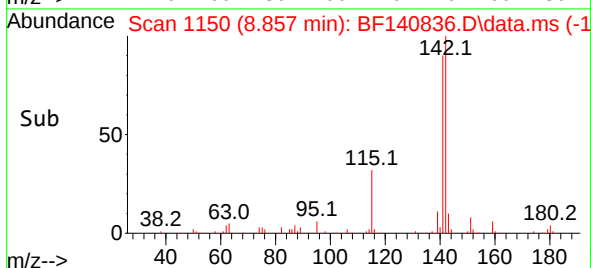
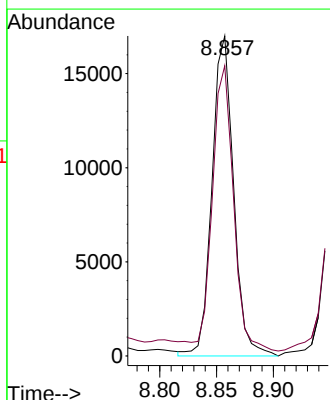
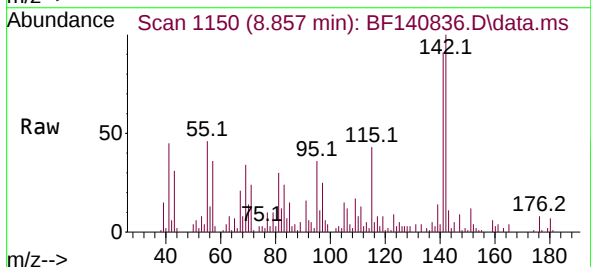
Manual Integrations
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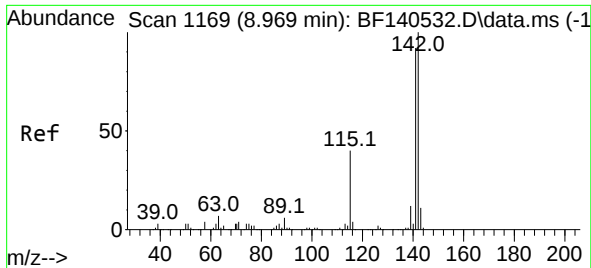
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#37
2-Methylnaphthalene
Concen: 3.359 ng
RT: 8.857 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:142 Resp: 22483
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.6





#38
1-Methylnaphthalene
Concen: 2.258 ng m
RT: 8.957 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Instrument :

BNA_F

ClientSampleId :

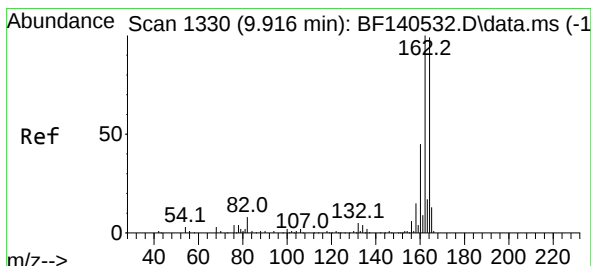
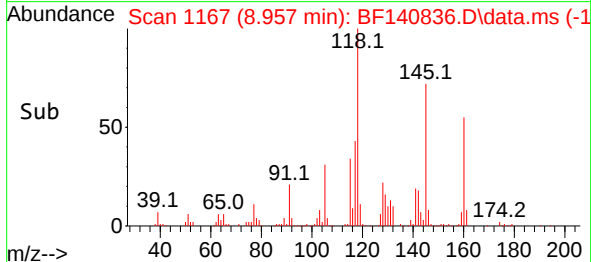
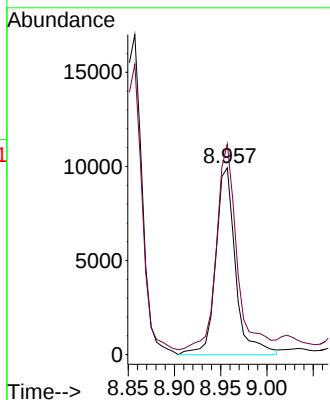
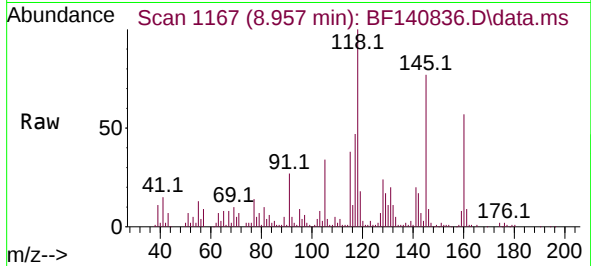
NB-08-121024

Tgt Ion:142 Resp: 1481
Ion Ratio Lower Upper
142 100
141 112.8 73.3 109.9

Manual Integrations

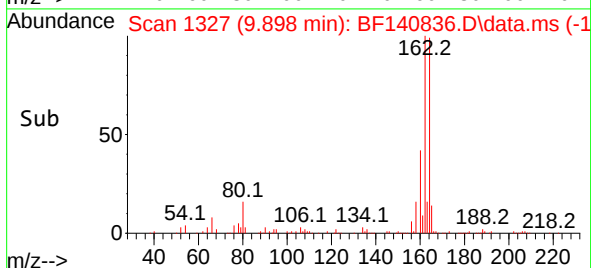
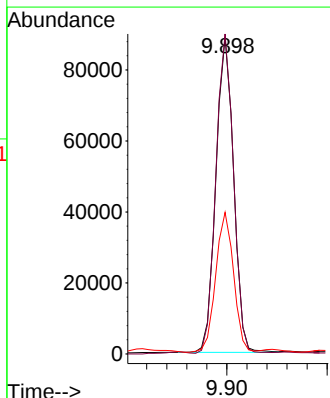
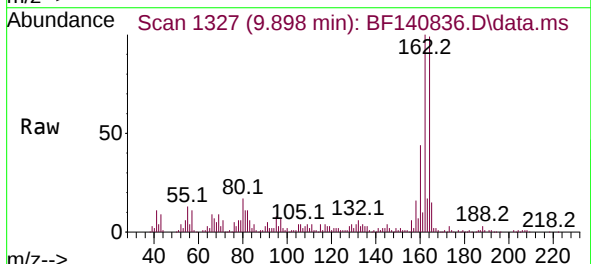
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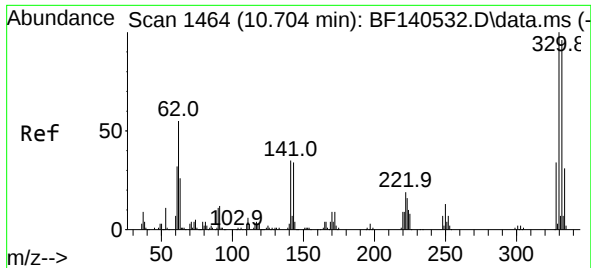
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:164 Resp: 109001
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.7 36.2 54.4





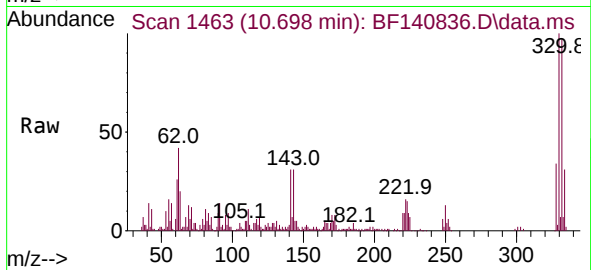
#42
2,4,6-Tribromophenol
Concen: 88.150 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Instrument :

BNA_F

ClientSampleId :

NB-08-121024



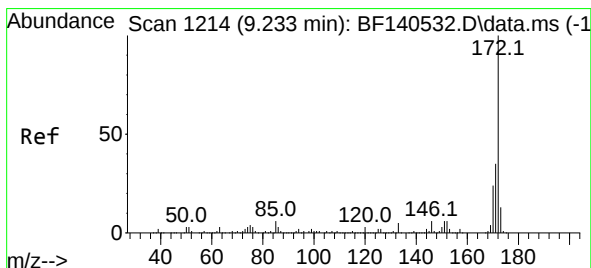
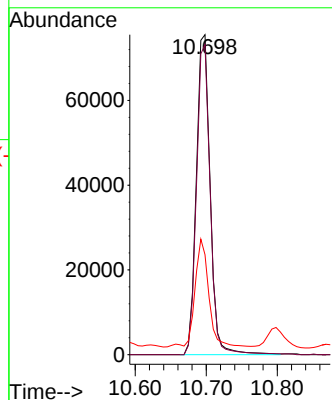
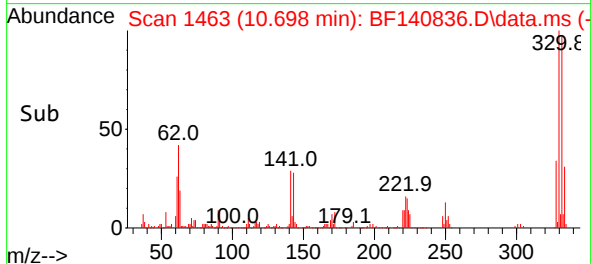
Tgt Ion:330 Resp: 102763
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 33.5 26.7 40.1

Manual Integrations

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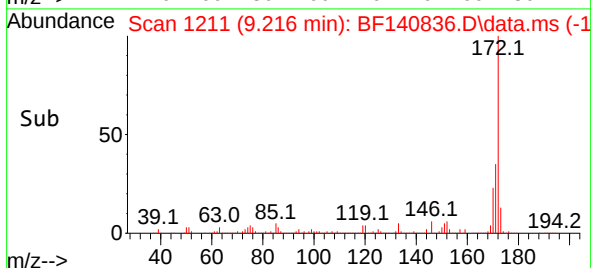
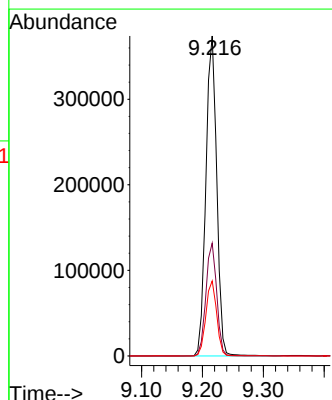
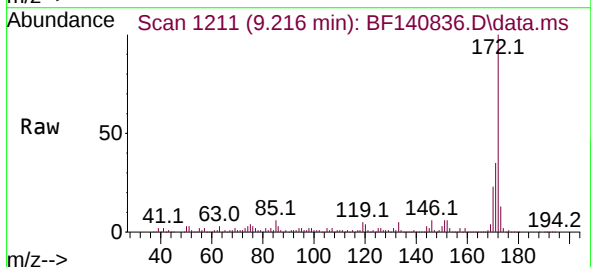
Reviewed By :Yogesh Patel 12/12/2024

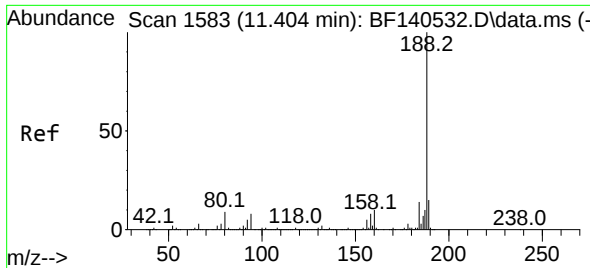
Supervised By :mohammad ahmed 12/12/2024



#45
2-Fluorobiphenyl
Concen: 63.152 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:172 Resp: 462003
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Instrument :

BNA_F

ClientSampleId :

NB-08-121024

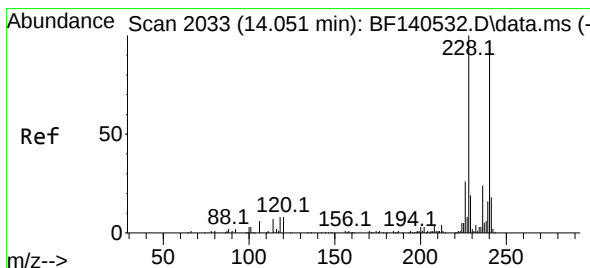
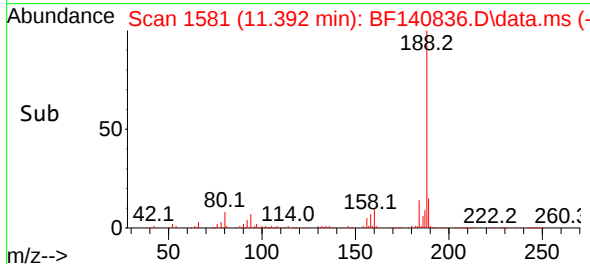
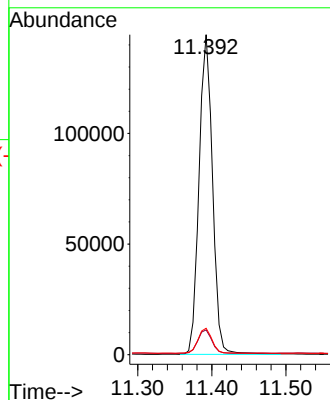
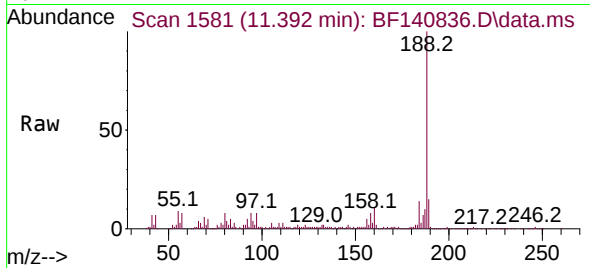
Tgt Ion:188 Resp: 18219
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.3 6.9 10.3

Manual Integrations

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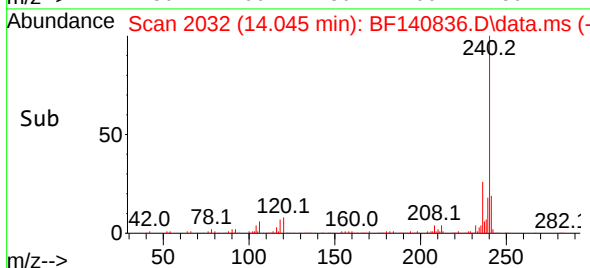
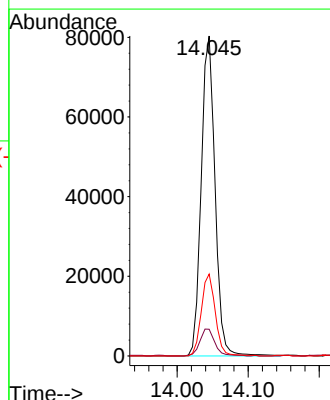
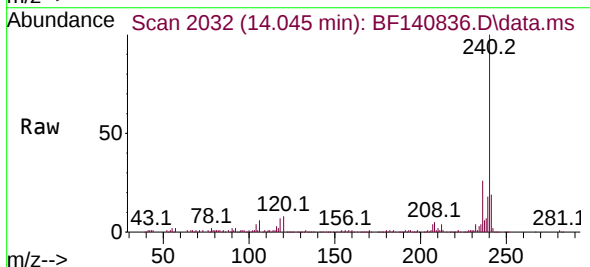
Reviewed By :Yogesh Patel 12/12/2024

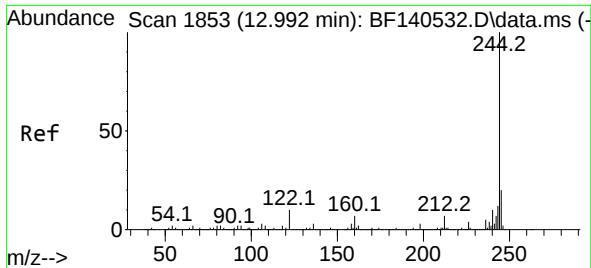
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140836.D
Acq: 11 Dec 2024 18:21

Tgt Ion:240 Resp: 108993
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 25.6 20.6 31.0





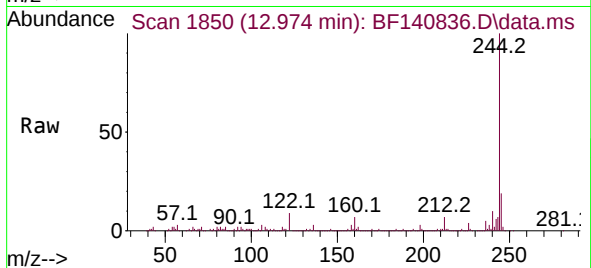
#79
 Terphenyl-d14
 Concen: 48.399 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140836.D
 Acq: 11 Dec 2024 18:21

Instrument :

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NB-08-121024



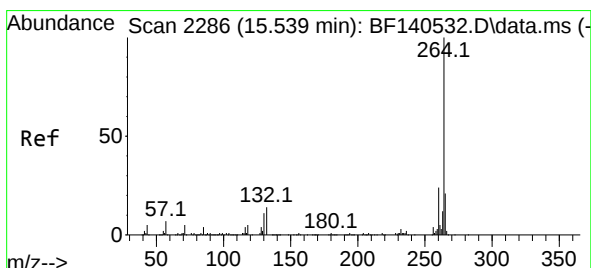
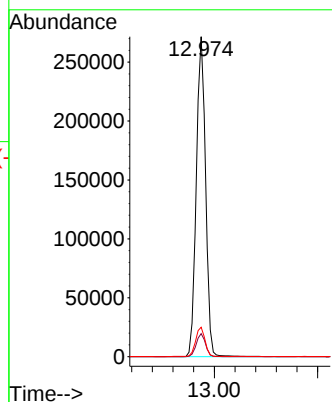
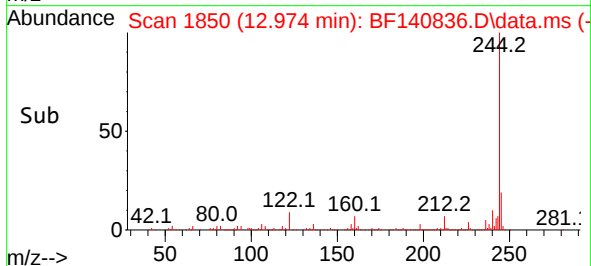
Tgt Ion:244 Resp: 33877
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.2 8.0 12.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140836.D
 Acq: 11 Dec 2024 18:21

Tgt Ion:264 Resp: 98317
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 16.6 25.0

