

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139508.D
 Acq On : 20 Sep 2024 18:20
 Operator : RC/JU
 Sample : P4103-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-5-7.5A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 23:21:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74397	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	256441	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	119498	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	212737	20.000	ng	0.00
76) Chrysene-d12	14.033	240	125388	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	91312	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	547931	120.148	ng	0.02
7) Phenol-d6	6.510	99	662312	110.645	ng	0.00
23) Nitrobenzene-d5	7.440	82	498516	91.389	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	151836	119.349	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	779918	91.537	ng	0.00
79) Terphenyl-d14	12.986	244	813837	106.535	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.204	266	9131m	6.150	ng	Qvalue

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

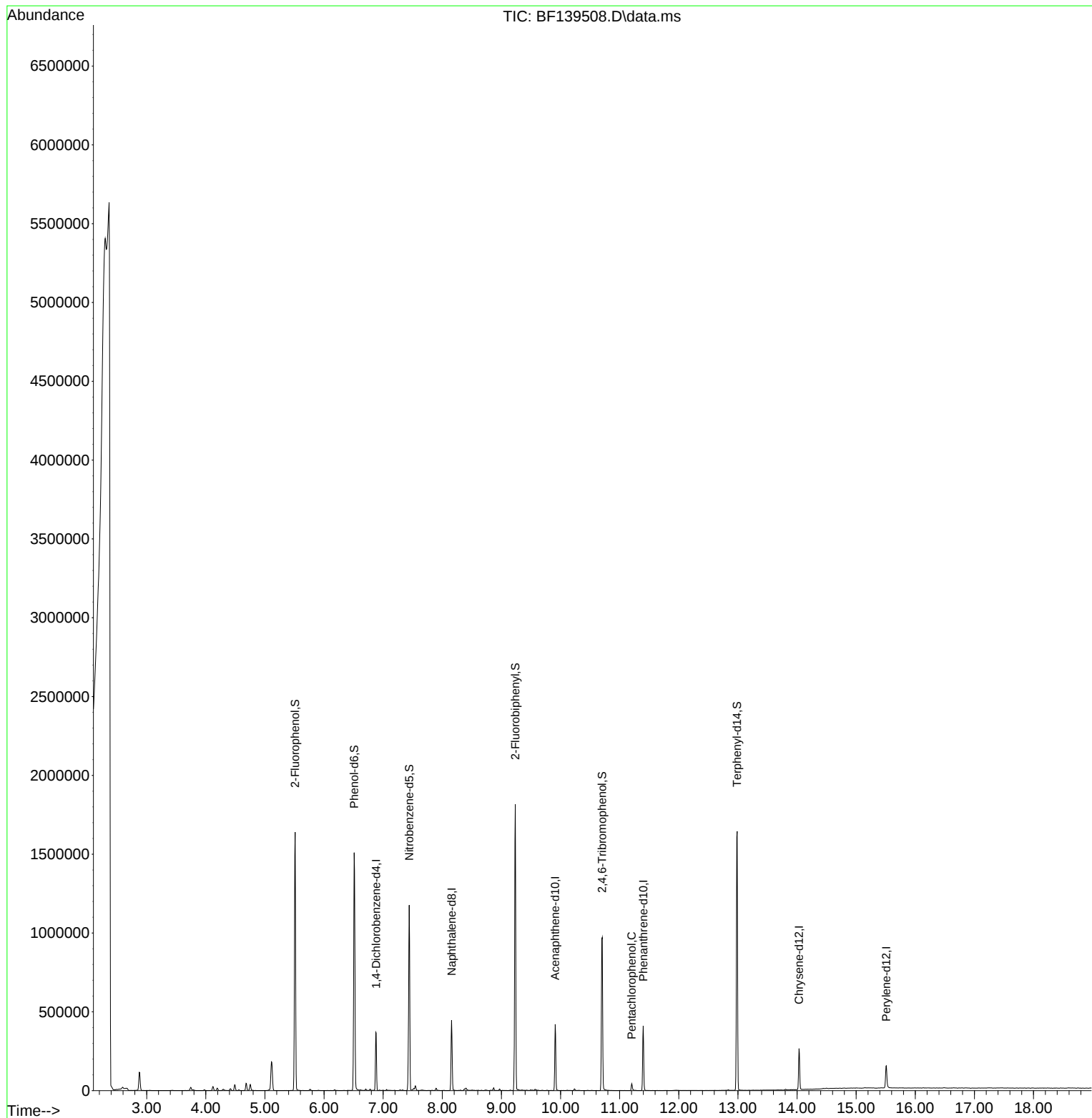
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
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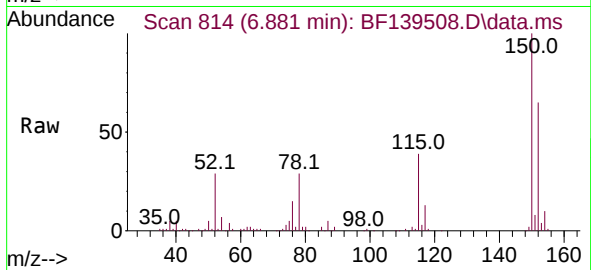
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

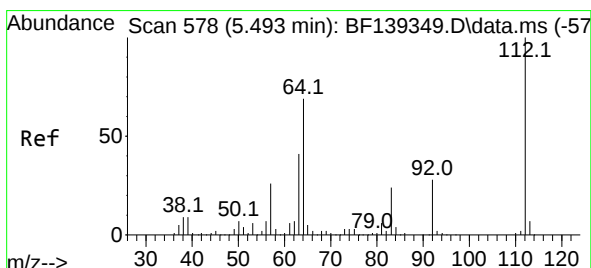
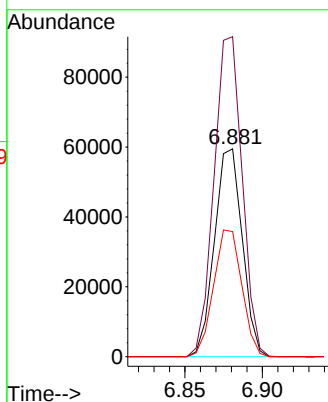
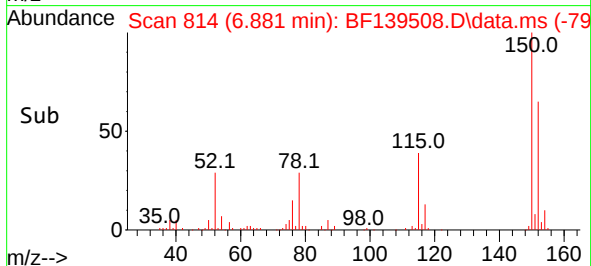
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A



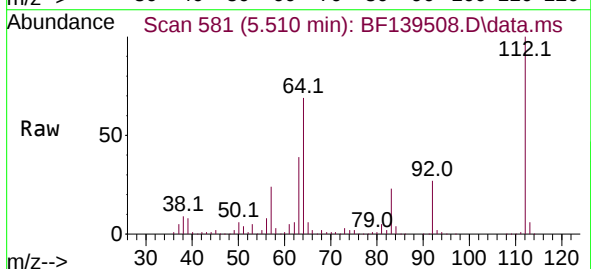
Tgt Ion:152 Resp: 7439
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 60.2 48.1 72.1

Manual Integrations
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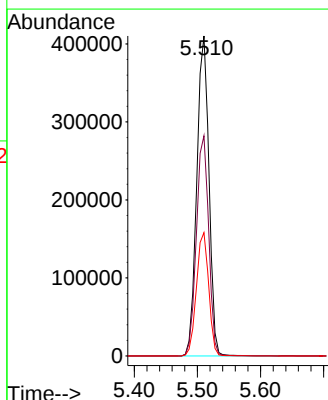
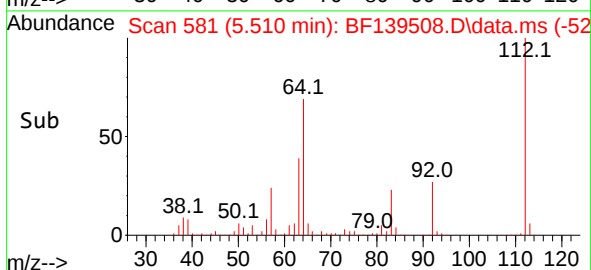
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#5
2-Fluorophenol
Concen: 120.148 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20



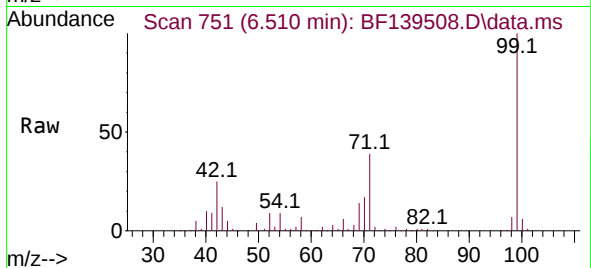
Tgt Ion:112 Resp: 547931
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 38.5 33.0 49.4





#7
Phenol-d6
Concen: 110.645 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

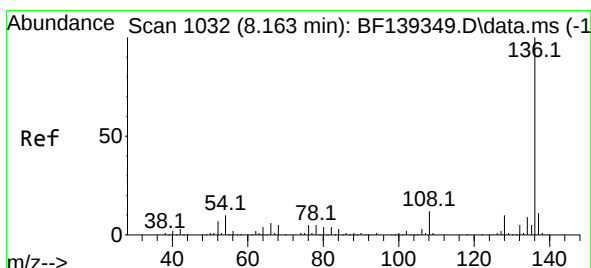
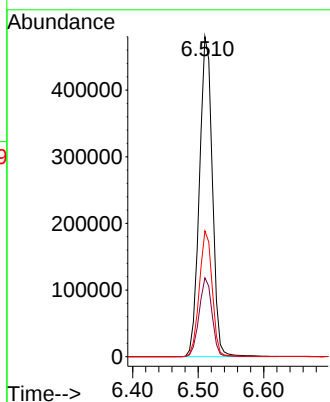
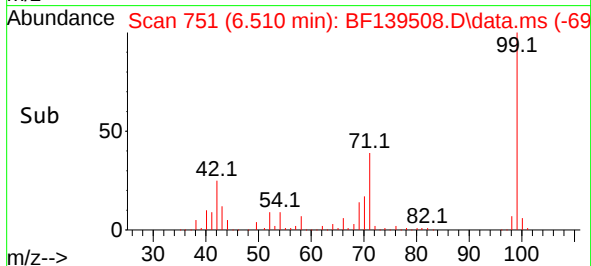
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A



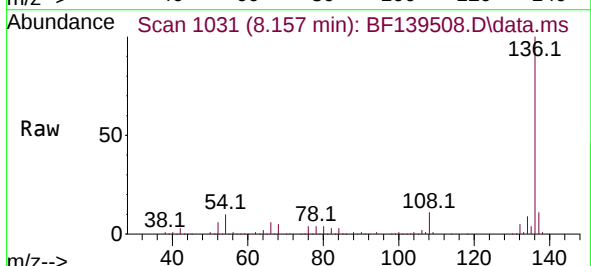
Tgt Ion: 99 Resp: 66231
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 39.3 34.6 52.0

Manual Integrations
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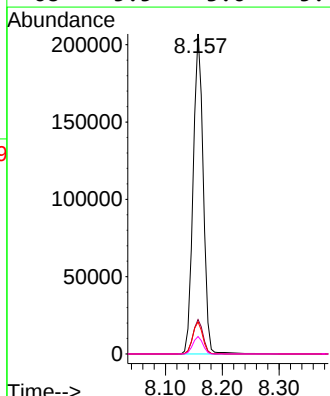
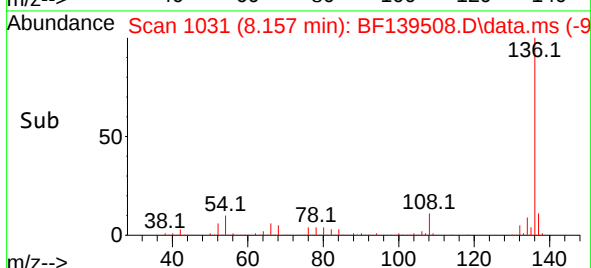
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

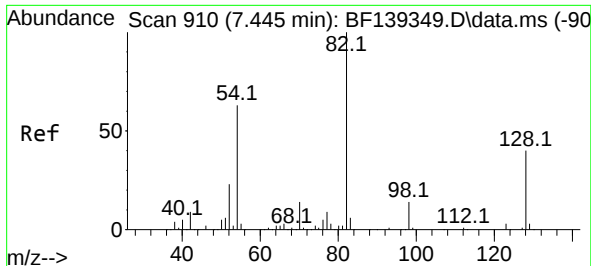


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20



Tgt Ion:136 Resp: 256441
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 7.8 11.8
68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 91.389 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5A

Tgt Ion: 82 Resp: 498510

Ion Ratio Lower Upper

82 100

128 40.1 31.8 47.6

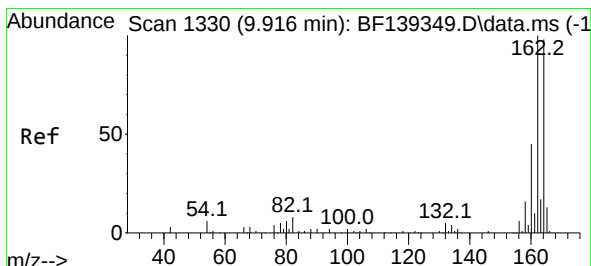
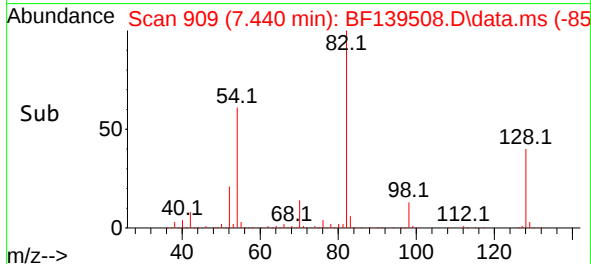
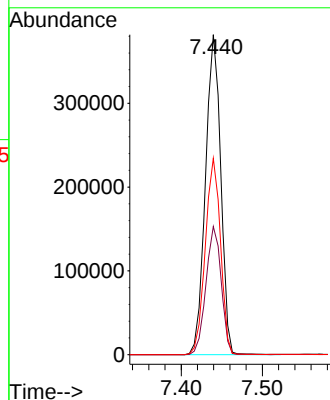
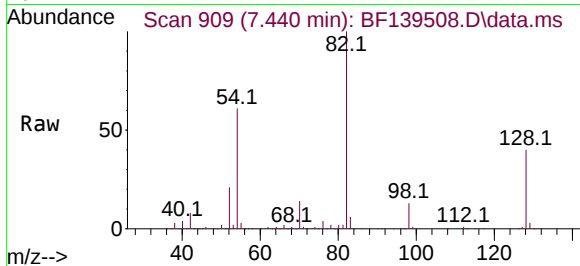
54 61.3 50.6 75.8

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

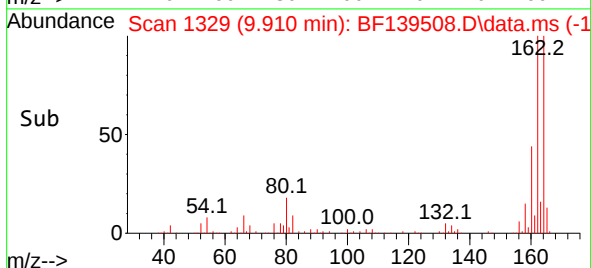
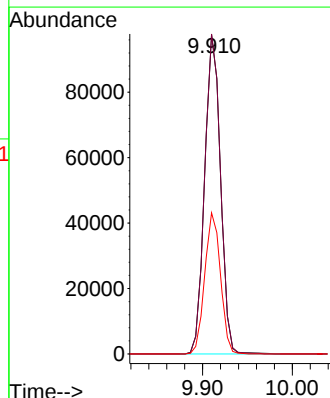
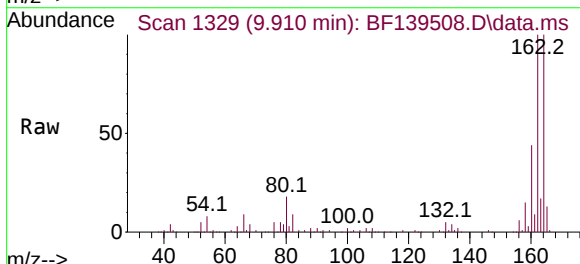
Tgt Ion:164 Resp: 119498

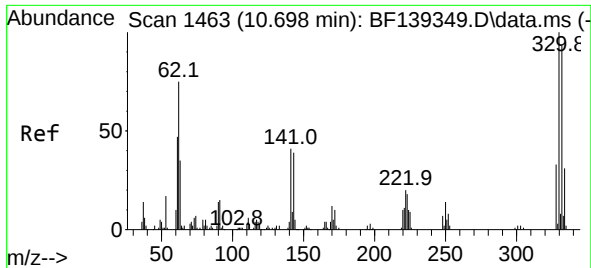
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 44.2 36.4 54.6





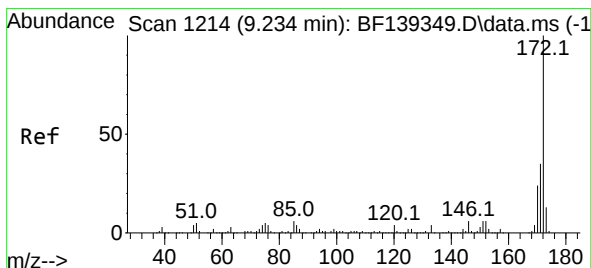
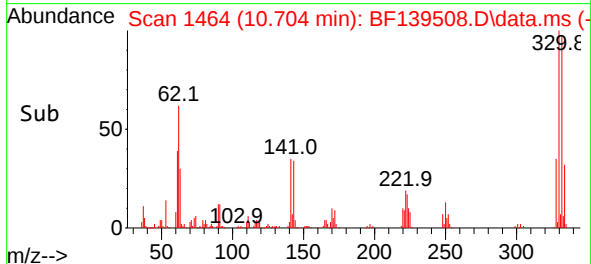
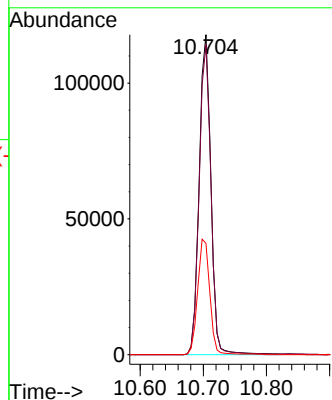
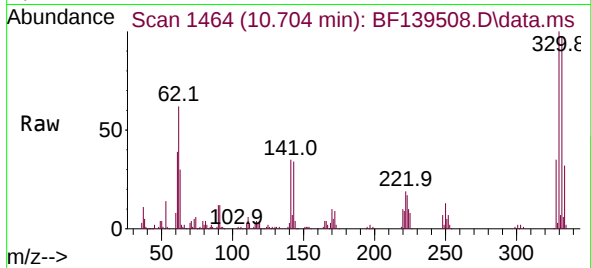
#42
2,4,6-Tribromophenol
Concen: 119.349 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

Instrument :
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ClientSampleId :
WC-14-5-7.5A

Tgt Ion:330 Resp: 151830
Ion Ratio Lower Upper
330 100
332 97.0 75.2 112.8
141 37.5 31.2 46.8

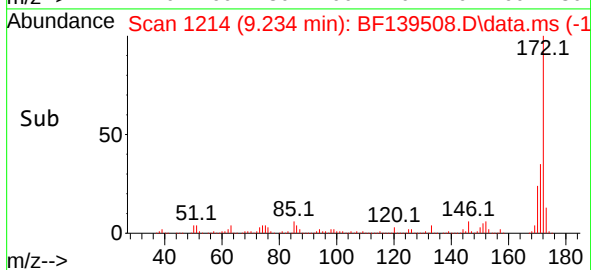
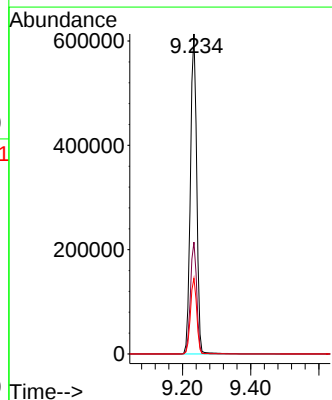
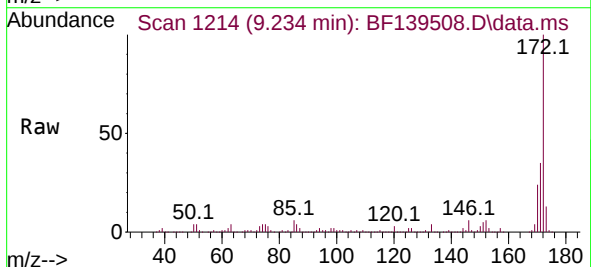
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Supervised By :mohammad ahmed 09/22/2024



#45
2-Fluorobiphenyl
Concen: 91.537 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

Tgt Ion:172 Resp: 779918
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139508.D

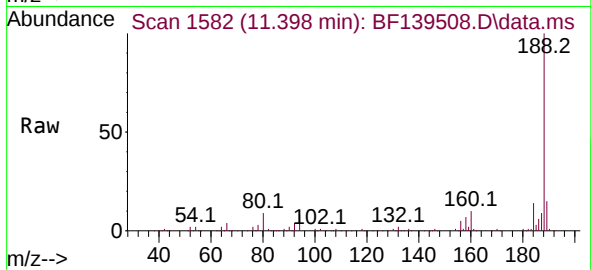
Acq: 20 Sep 2024 18:20

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5A



Tgt Ion:188 Resp: 21273

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

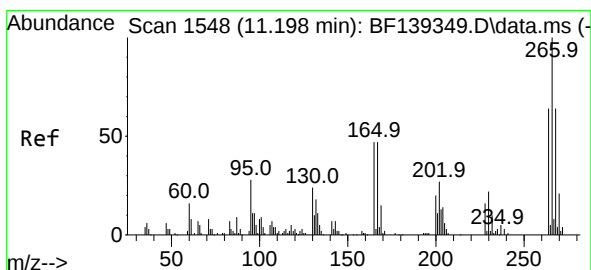
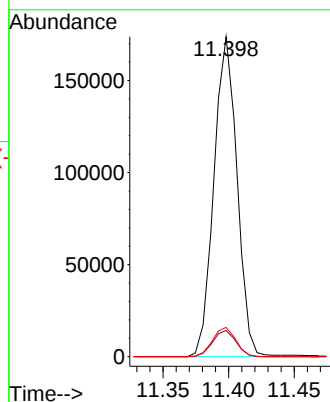
80 9.2 6.6 9.8

Manual Integrations

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#70

Pentachlorophenol

Concen: 6.150 ng m

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

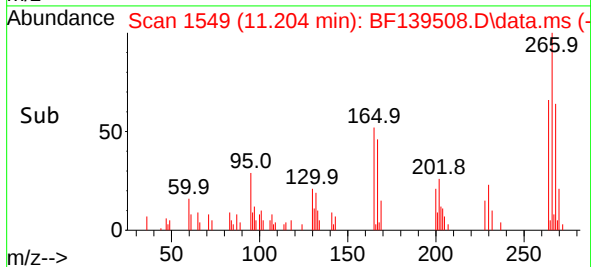
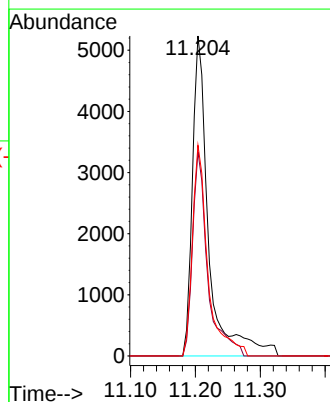
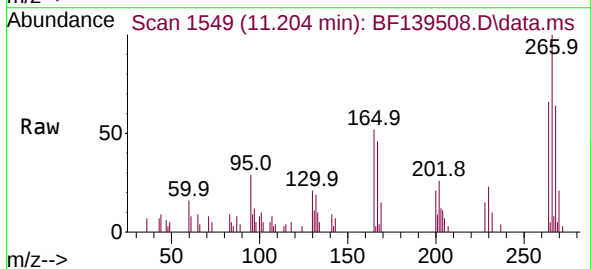
Tgt Ion:266 Resp: 9131

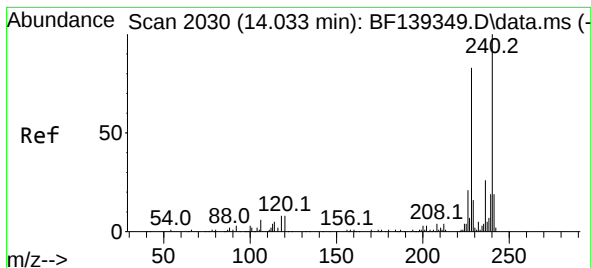
Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

264 65.8 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5A

Tgt Ion:240 Resp: 12538

Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2

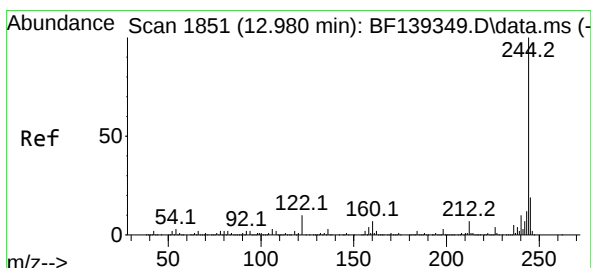
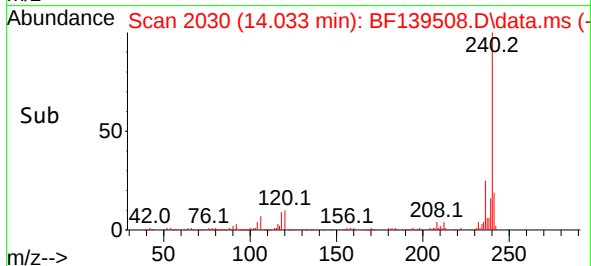
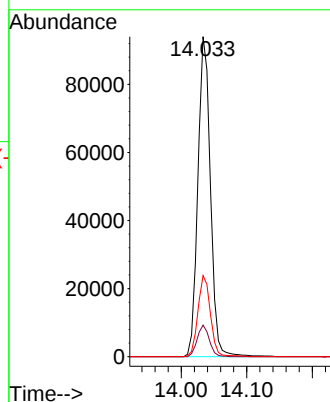
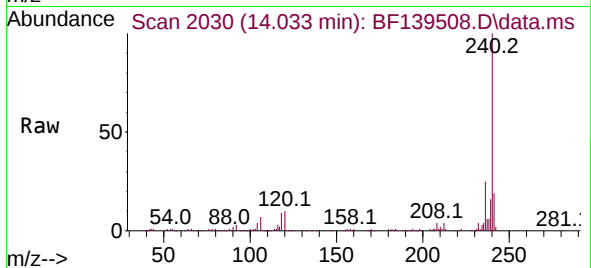
236 25.4 20.9 31.3

Manual Integrations

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Supervised By :mohammad ahmed 09/22/2024



#79

Terphenyl-d14

Concen: 106.535 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

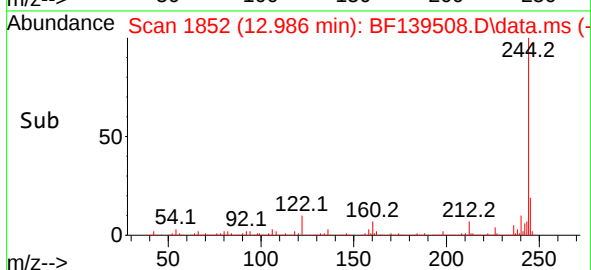
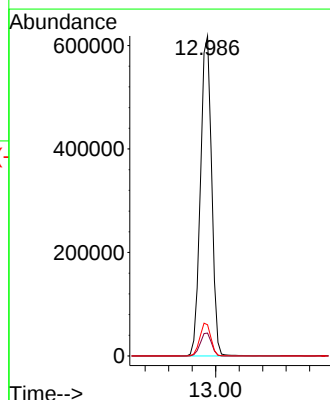
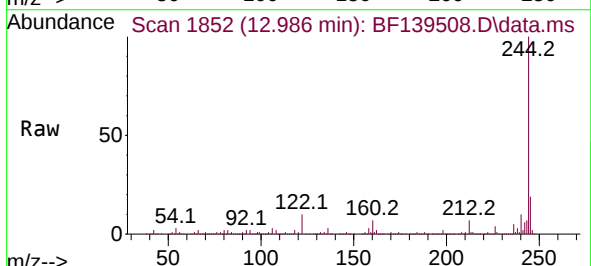
Tgt Ion:244 Resp: 813837

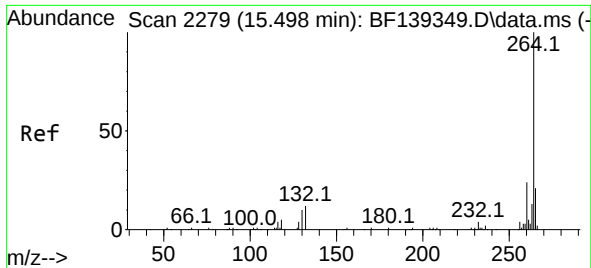
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

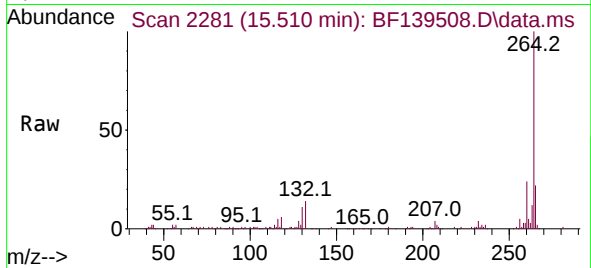
122 9.8 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139508.D
 Acq: 20 Sep 2024 18:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-5-7.5A



Tgt Ion:264 Resp: 91312
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.0 16.6 25.0

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 Supervised By :mohammad ahmed 09/22/2024

