

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140184.D
 Acq On : 31 Oct 2024 13:03
 Operator : RC/JU
 Sample : P4611-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 13:34:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	97597	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	385675	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	219892	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	376602	20.000	ng	0.00
76) Chrysene-d12	14.080	240	202617	20.000	ng	0.03
86) Perylene-d12	15.615	264	183268	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	589296	94.525	ng	0.00
7) Phenol-d6	6.504	99	768825	95.218	ng	0.00
23) Nitrobenzene-d5	7.445	82	519322	74.629	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	227411	110.565	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	980146	73.667	ng	-0.01
79) Terphenyl-d14	13.010	244	886023	71.255	ng	0.01
Target Compounds						
88) Benzo(b)fluoranthene	15.168	252	28111m	2.518	ng	Qvalue

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

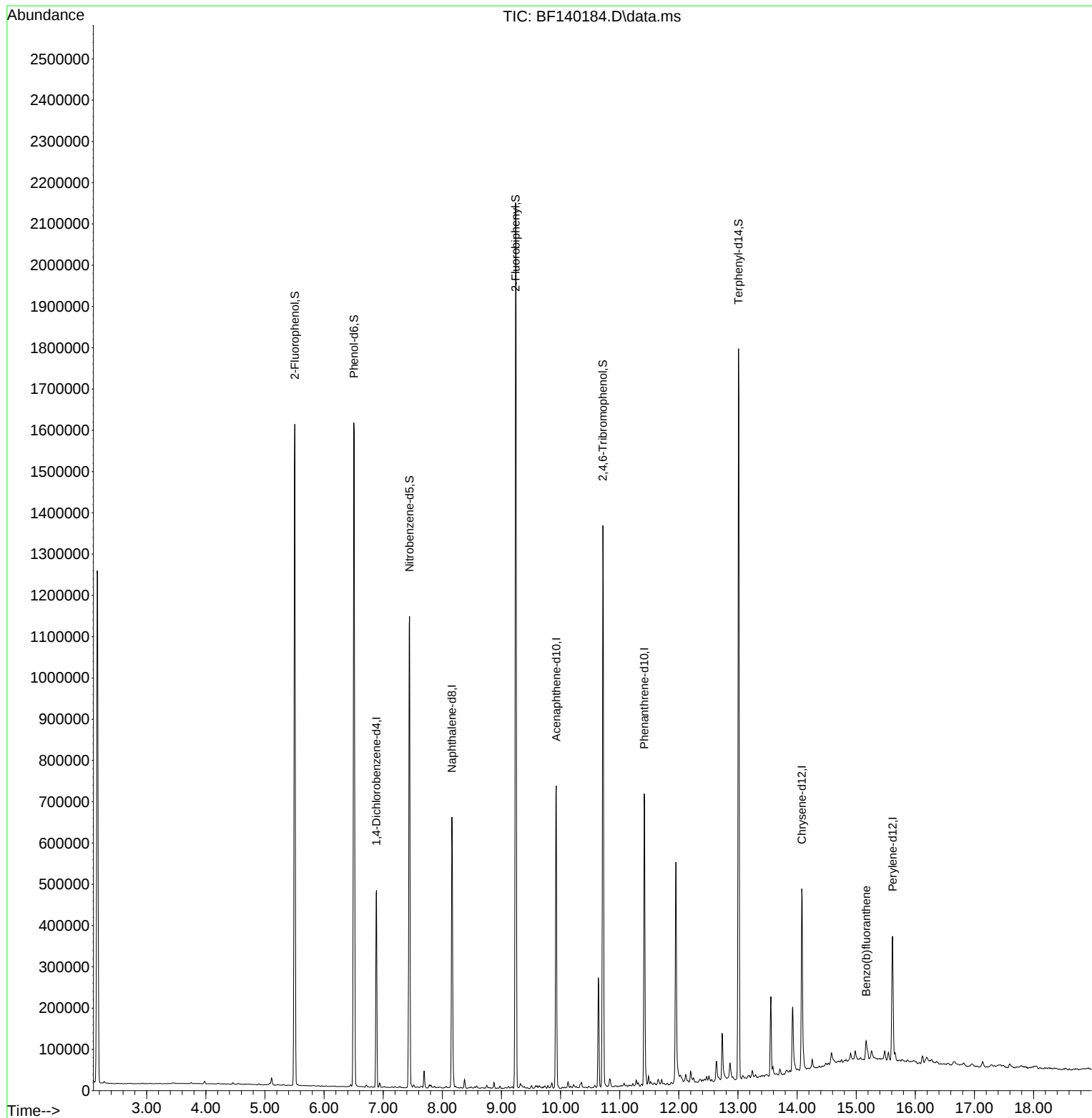
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
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ALS Vial : 10 Sample Multiplier: 1

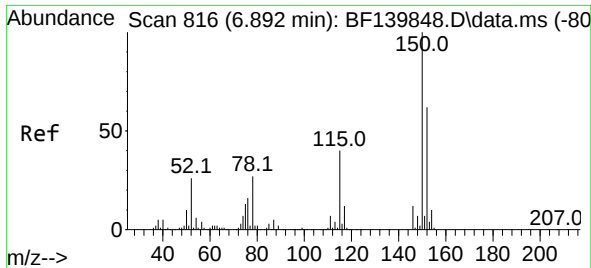
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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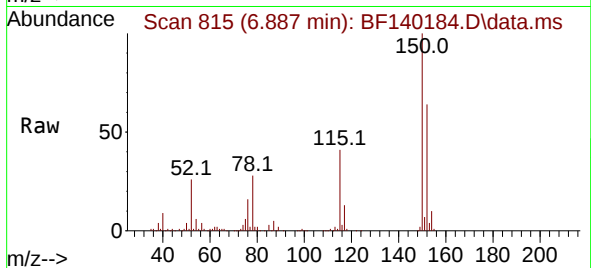
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

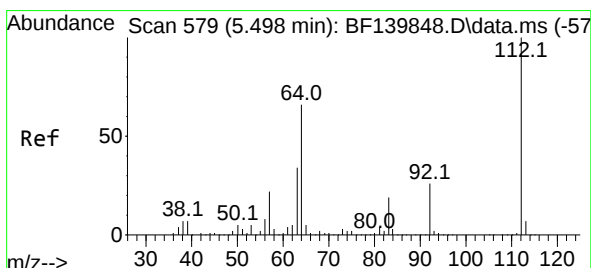
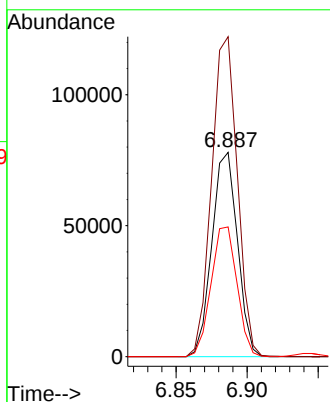
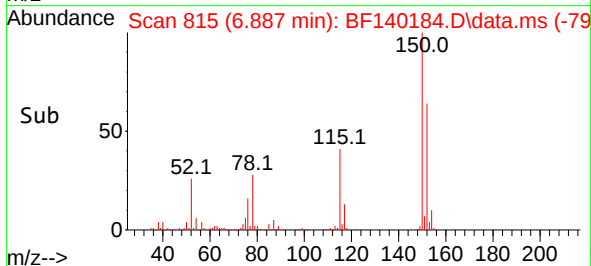
Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion:152 Resp: 9759
Ion Ratio Lower Upper
152 100
150 156.6 130.2 195.2
115 63.5 51.4 77.2

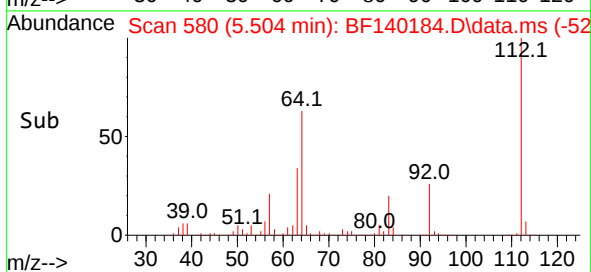
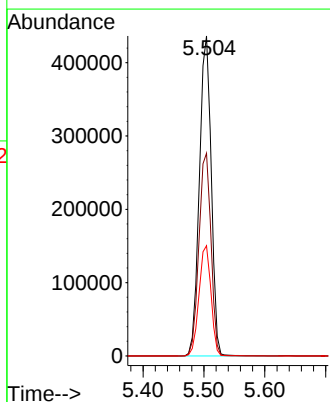
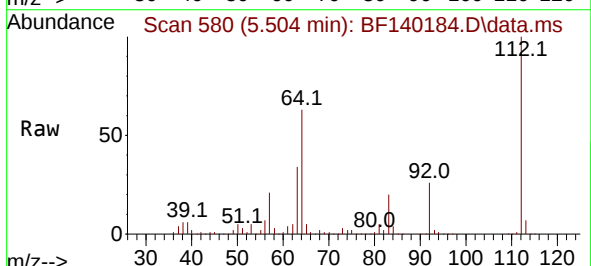
Manual Integrations
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#5
2-Fluorophenol
Concen: 94.525 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

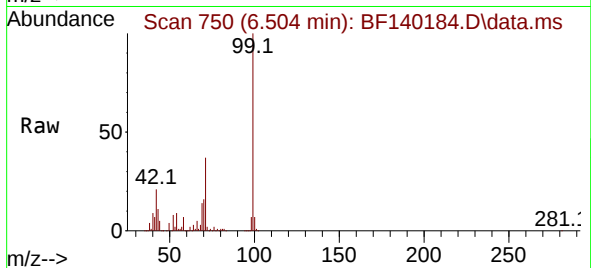
Tgt Ion:112 Resp: 589296
Ion Ratio Lower Upper
112 100
64 63.4 53.0 79.6
63 34.5 27.0 40.4





#7
Phenol-d6
Concen: 95.218 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

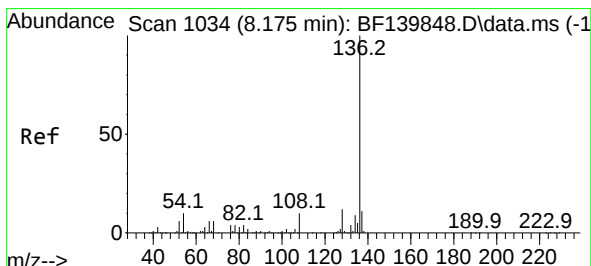
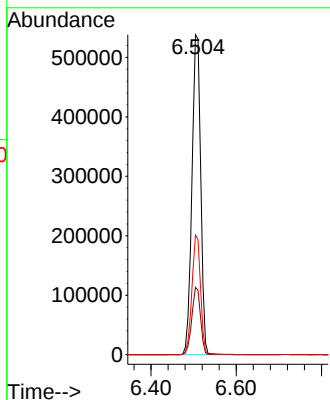
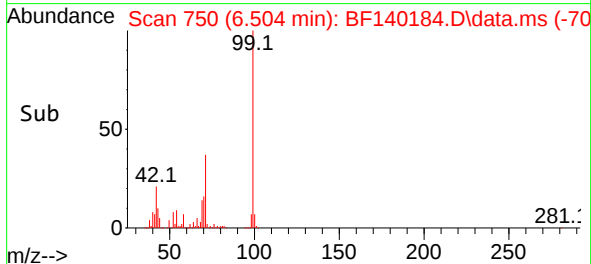
Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion: 99 Resp: 768825
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 37.4 27.7 41.5

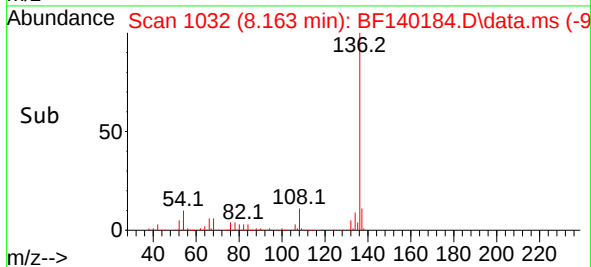
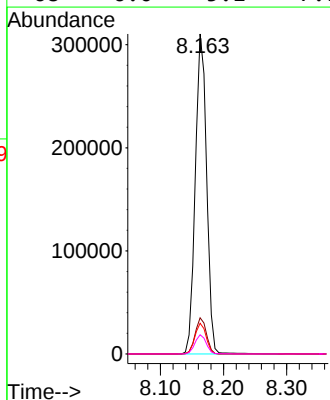
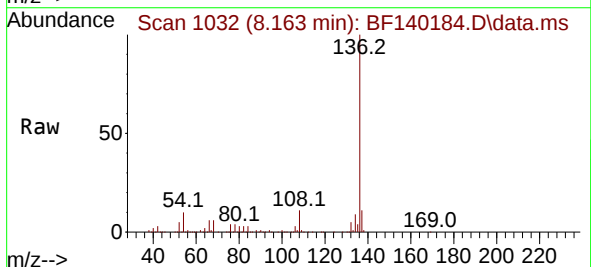
Manual Integrations
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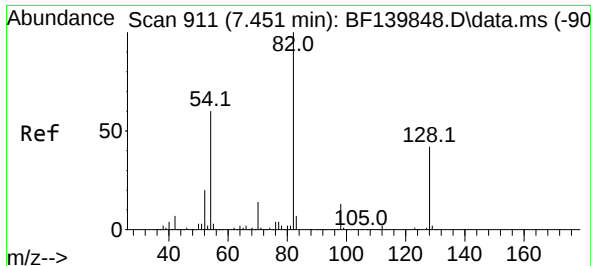
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

Tgt Ion:136 Resp: 385675
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.6 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 74.629 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140184.D

Acq: 31 Oct 2024 13:03

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 82 Resp: 51932

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.0

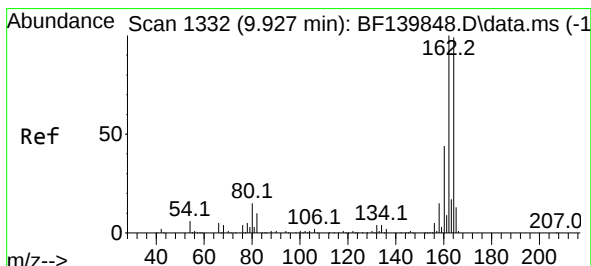
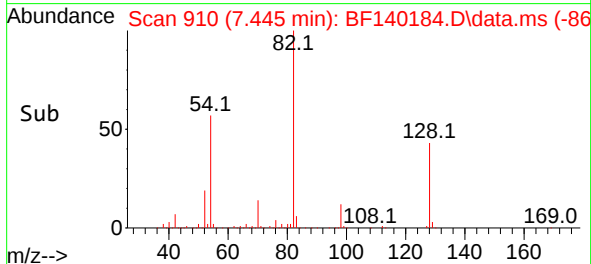
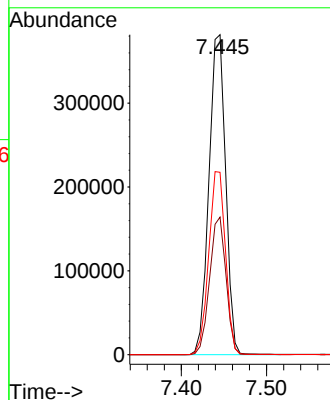
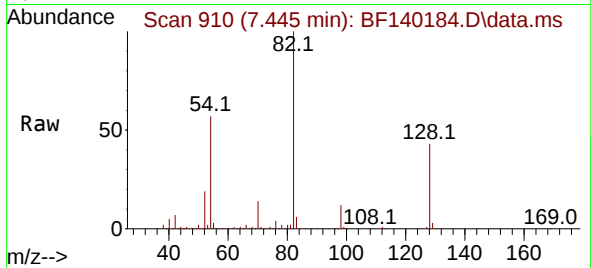
54 57.0 47.8 71.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF140184.D

Acq: 31 Oct 2024 13:03

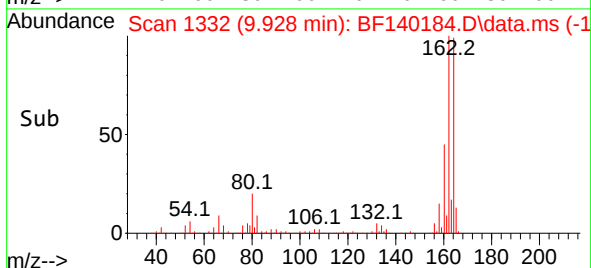
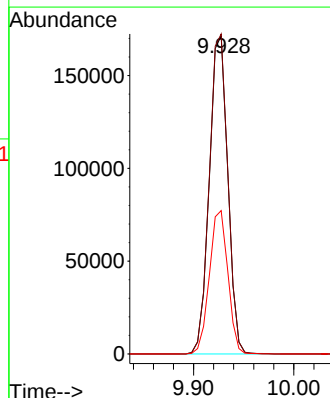
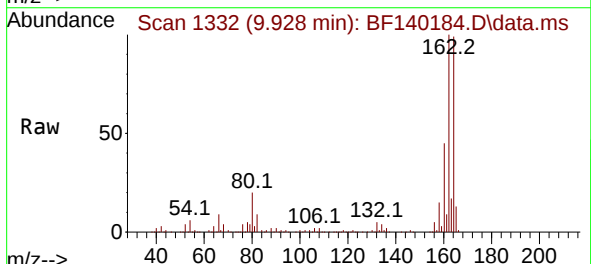
Tgt Ion:164 Resp: 219892

Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

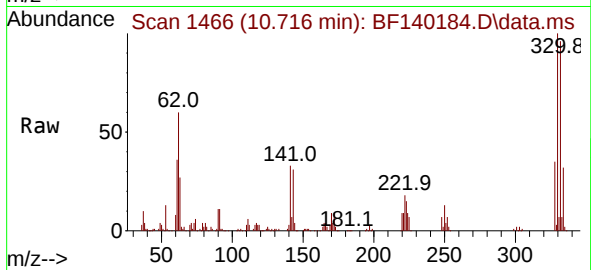
160 45.1 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 110.565 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

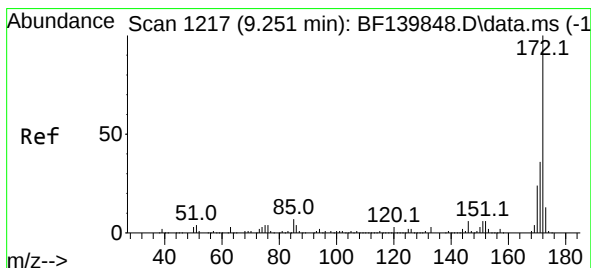
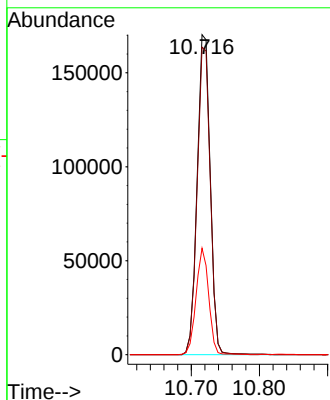
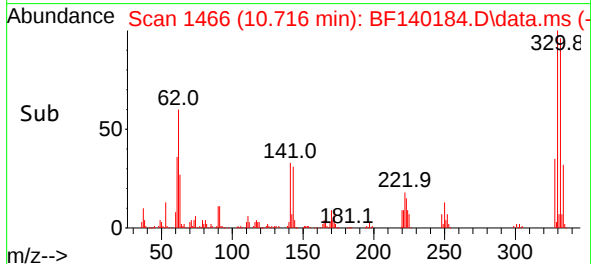
Instrument :
BNA_F
ClientSampleId :
TP-2



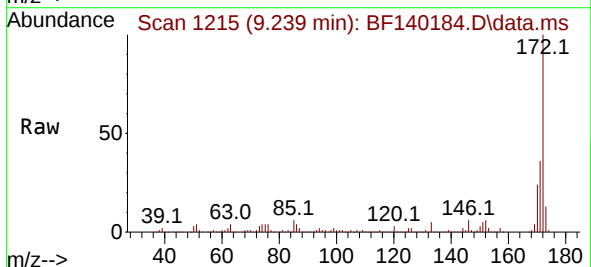
Tgt Ion: 330 Resp: 22741
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 32.1 26.6 39.8

Manual Integrations
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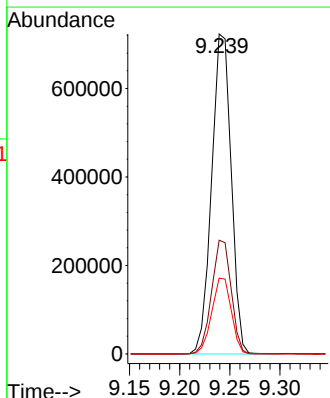
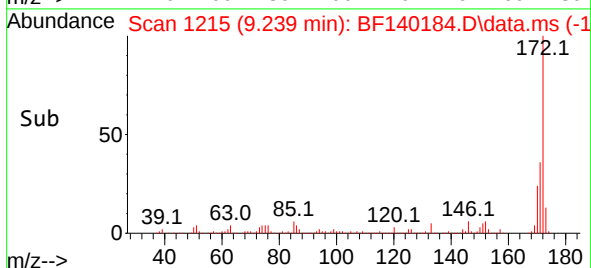
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/04/2024



#45
2-Fluorobiphenyl
Concen: 73.667 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03



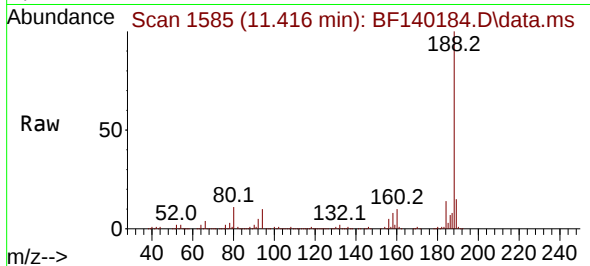
Tgt Ion: 172 Resp: 980146
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.7 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

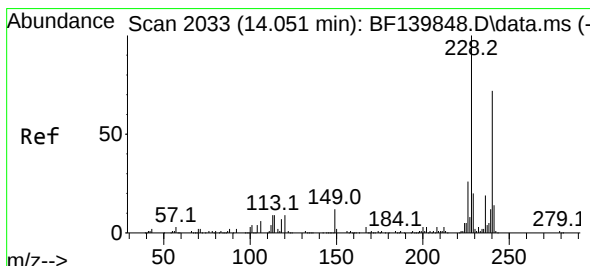
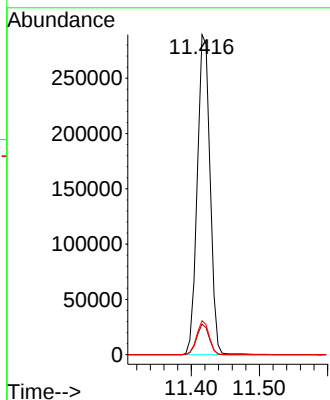
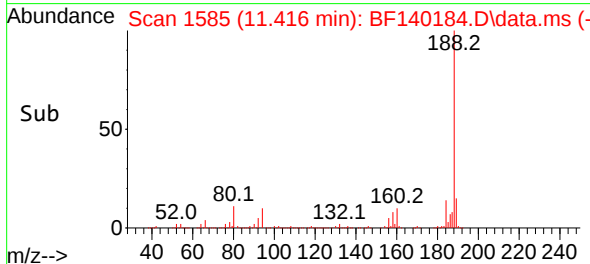
Instrument :
BNA_F
ClientSampleId :
TP-2



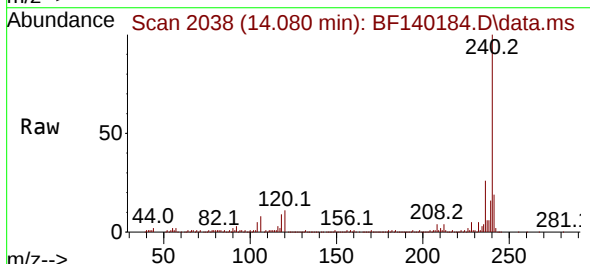
Tgt Ion:188 Resp: 376602
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.6 9.0 13.4

Manual Integrations
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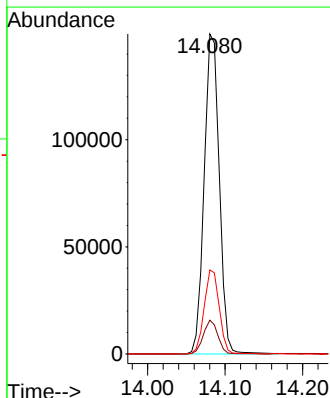
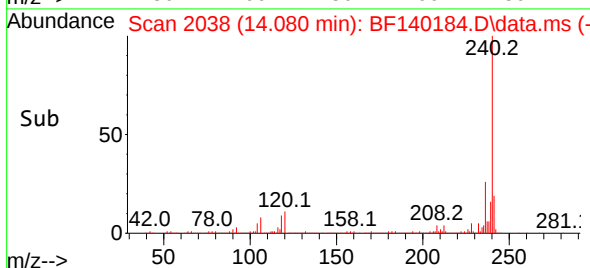
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.029 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03



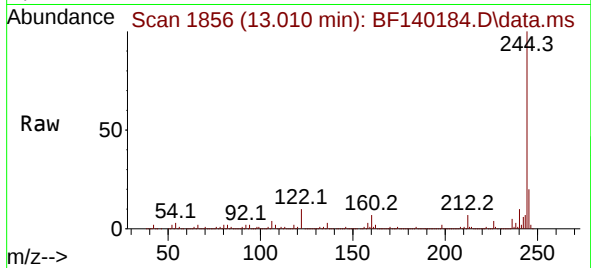
Tgt Ion:240 Resp: 202617
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.3 20.9 31.3





#79
Terphenyl-d14
Concen: 71.255 ng
RT: 13.010 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

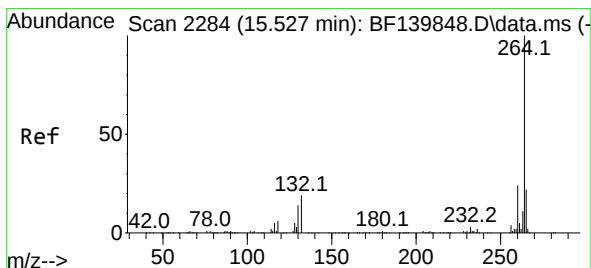
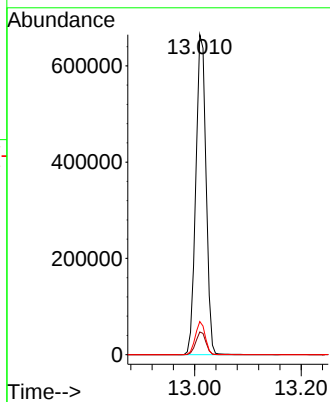
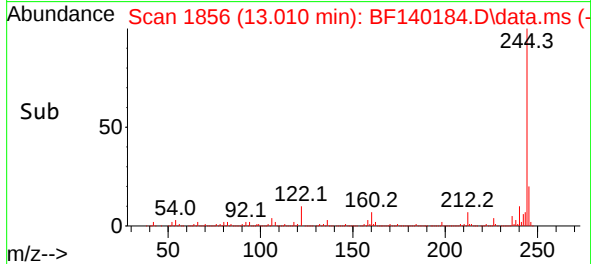
Instrument :
BNA_F
ClientSampleId :
TP-2



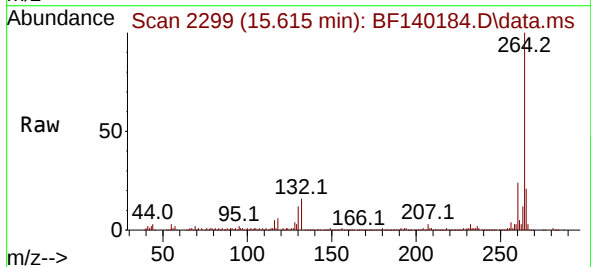
Tgt Ion:244 Resp: 886023
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.3 8.6 13.0

Manual Integrations
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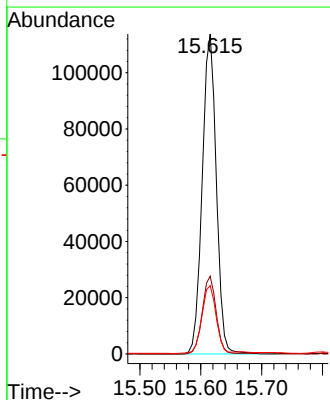
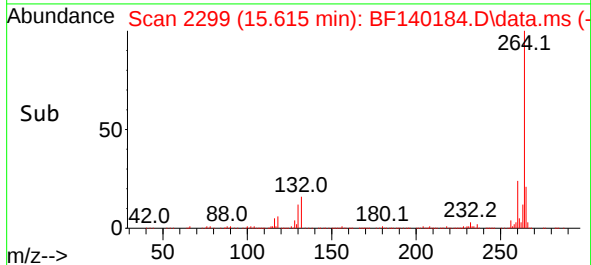
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

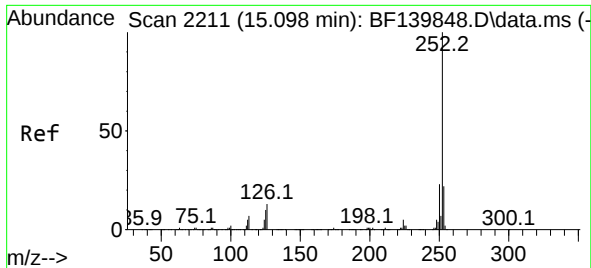


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2299
Delta R.T. 0.088 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03



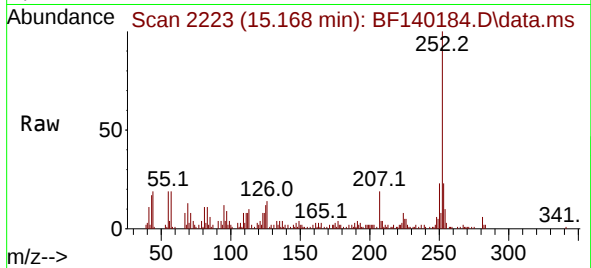
Tgt Ion:264 Resp: 183268
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.4 17.4 26.0





#88
 Benzo(b)fluoranthene
 Concen: 2.518 ng m
 RT: 15.168 min Scan# 21
 Delta R.T. 0.071 min
 Lab File: BF140184.D
 Acq: 31 Oct 2024 13:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-2



Tgt Ion:252 Resp: 2811
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.6 26.4
 125 11.8 7.9 11.9

Manual Integrations
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