

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135610.D
 Acq On : 05 Oct 2023 20:47
 Operator : CG\JU
 Sample : 04714-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 06 03:47:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	138461	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	508716	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	210781	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	319765	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	263248	20.000	ng	0.00
86) Perylene-d12	15.392	264	270159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	767465	90.151	ng	0.00
7) Phenol-d6	6.387	99	922706	85.239	ng	0.00
23) Nitrobenzene-d5	7.304	82	557216	59.509	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	150780	71.983	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	861105	61.636	ng	0.00
79) Terphenyl-d14	12.857	244	603987	35.567	ng	0.00
Target Compounds						
75) Fluoranthene	12.486	202	55997	3.553	ng	Qvalue 97
88) Benzo(b)fluoranthene	14.968	252	47058m	3.218	ng	

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

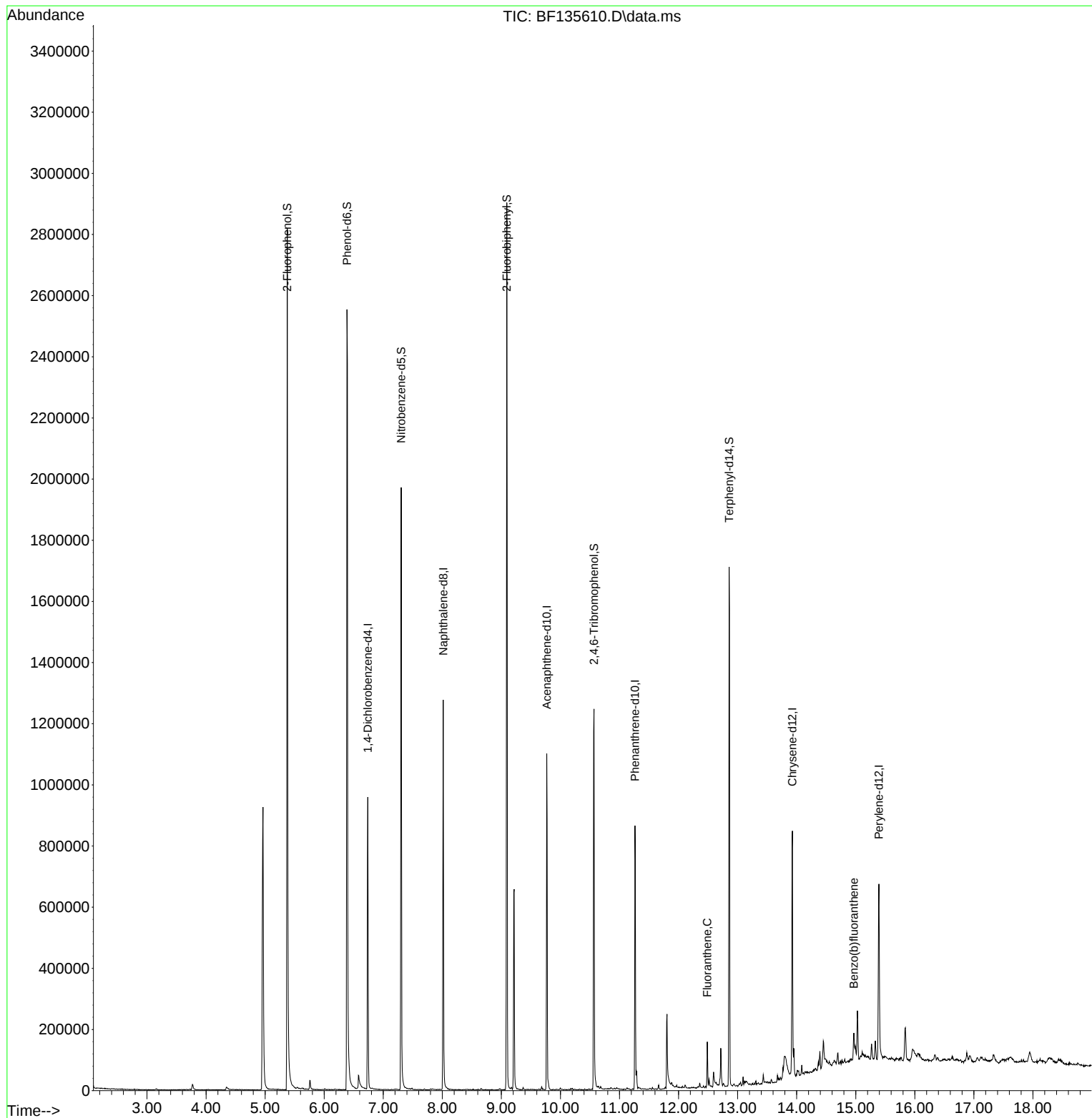
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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APPROVED

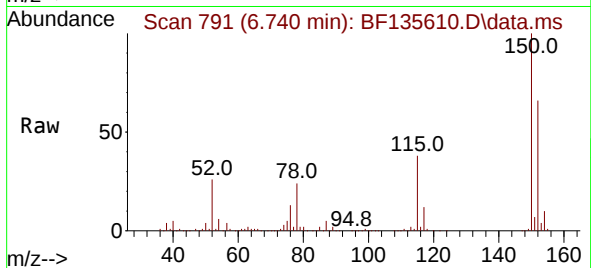
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

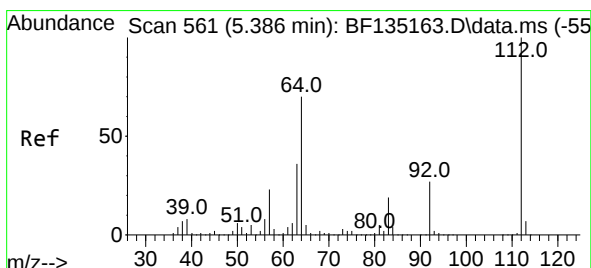
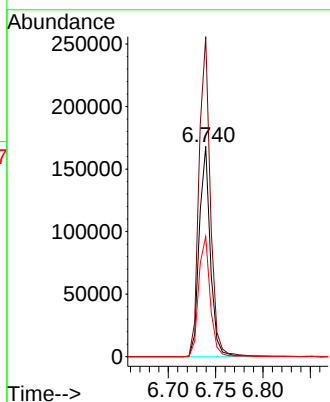
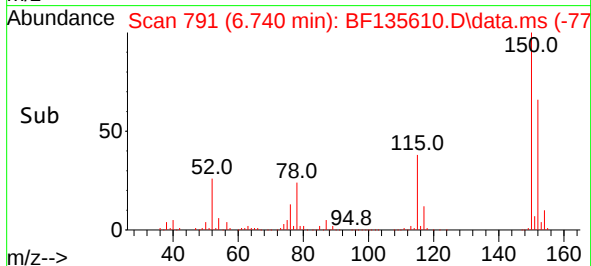
Instrument :
BNA_F
ClientSampleId :
TP-1



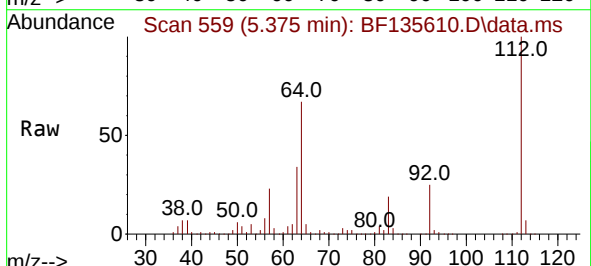
Tgt Ion:152 Resp: 138465
Ion Ratio Lower Upper
152 100
150 152.2 127.8 191.6
115 57.1 49.8 74.8

Manual Integrations
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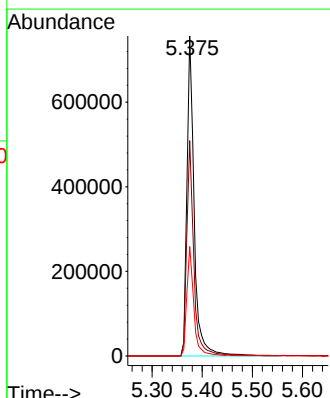
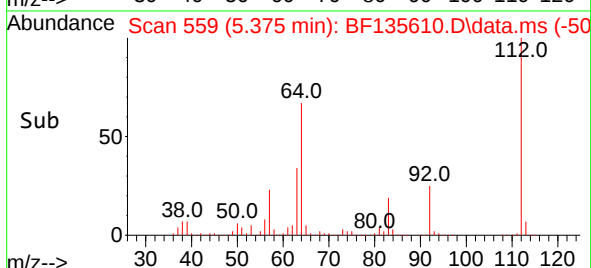
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#5
2-Fluorophenol
Concen: 90.151 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47



Tgt Ion:112 Resp: 767465
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 34.2 29.0 43.6





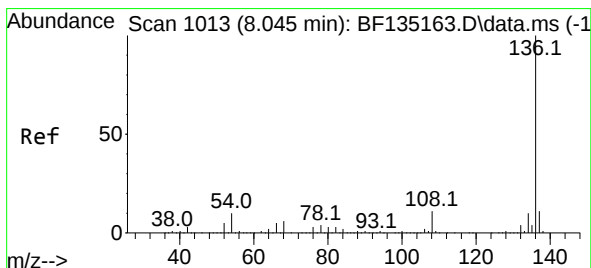
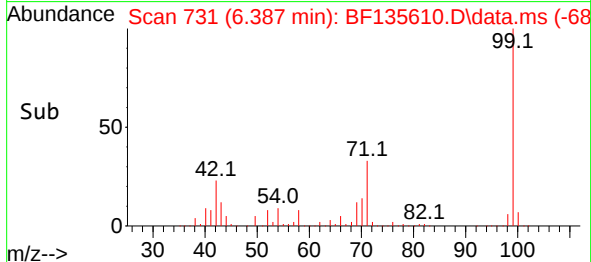
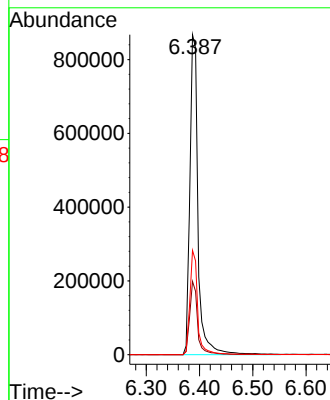
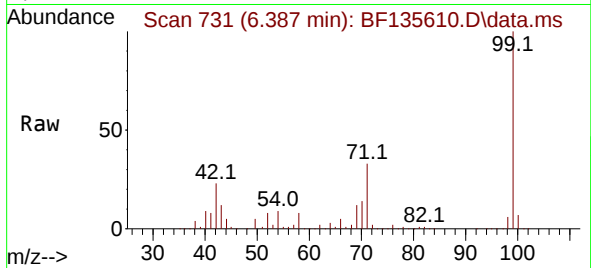
#7
Phenol-d6
Concen: 85.239 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 922700
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.6 27.0 40.6

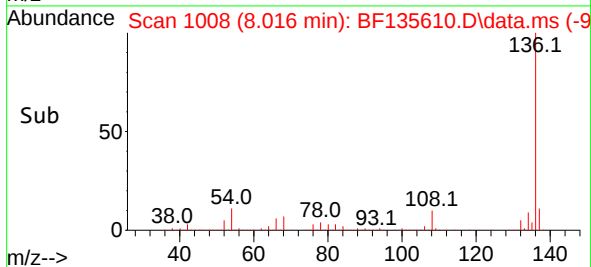
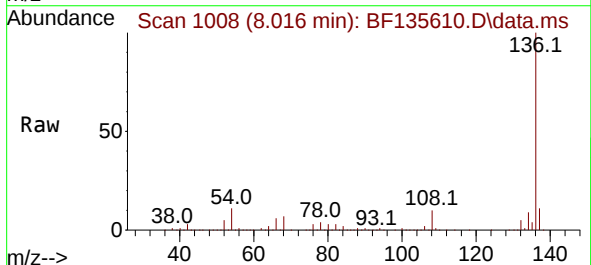
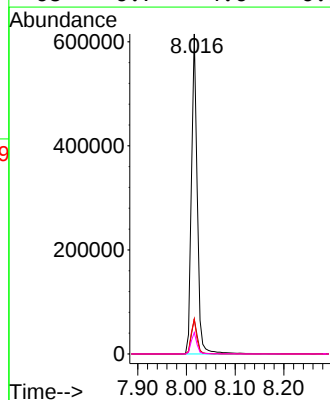
Manual Integrations
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Supervised By :mohammad ahmed 10/07/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion:136 Resp: 508716
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.9 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 59.509 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 557210

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

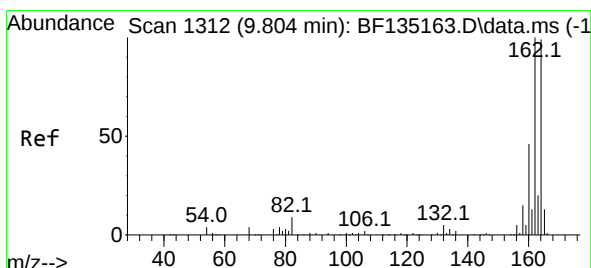
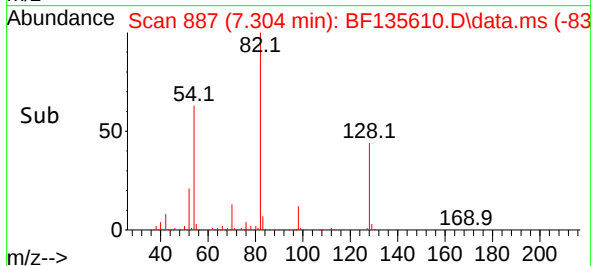
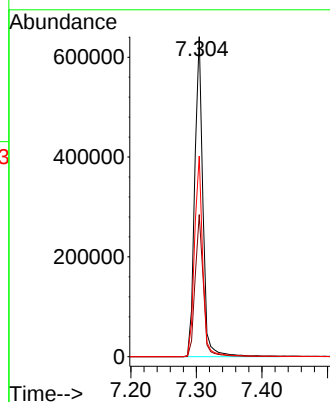
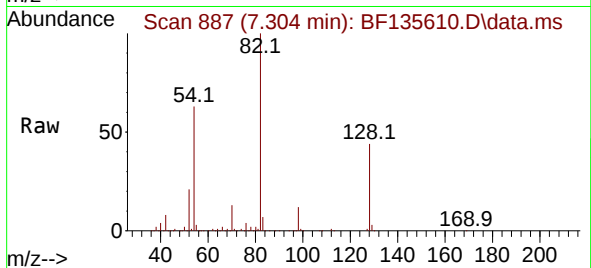
54 62.7 50.6 76.0

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

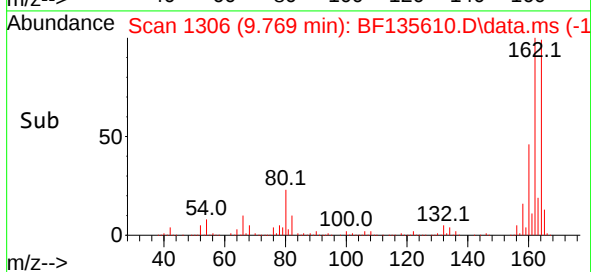
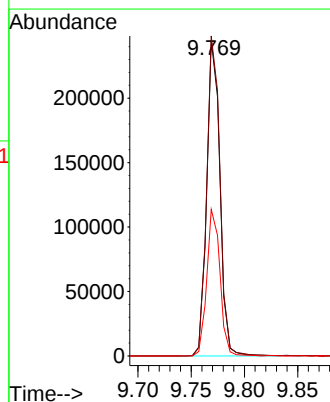
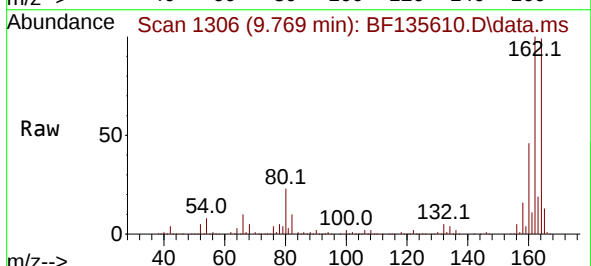
Tgt Ion:164 Resp: 210781

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

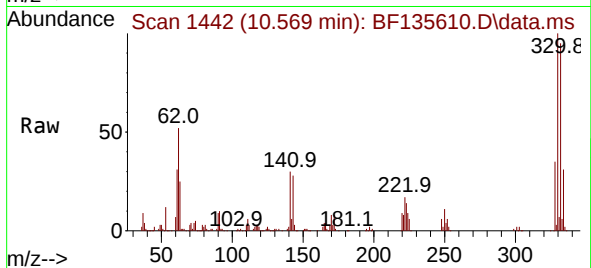
160 46.4 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 71.983 ng
RT: 10.569 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

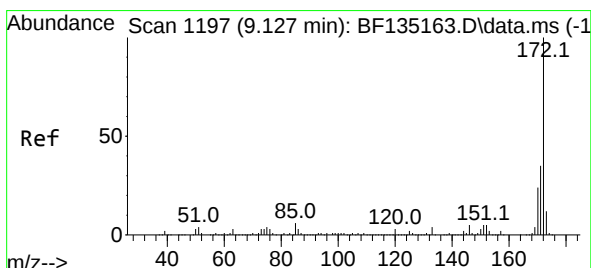
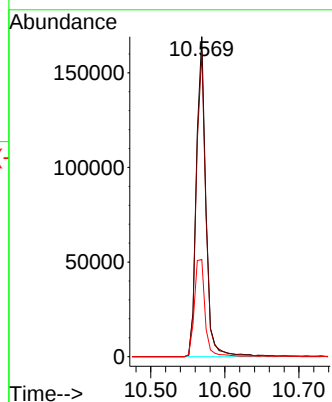
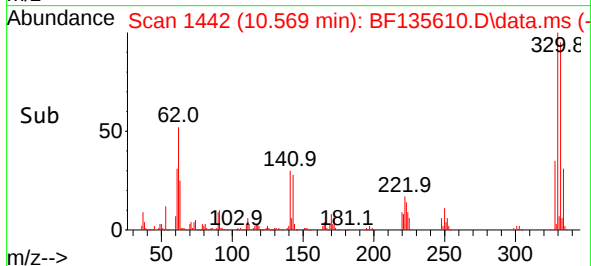
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion: 330 Resp: 150780
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.1 25.8 38.8

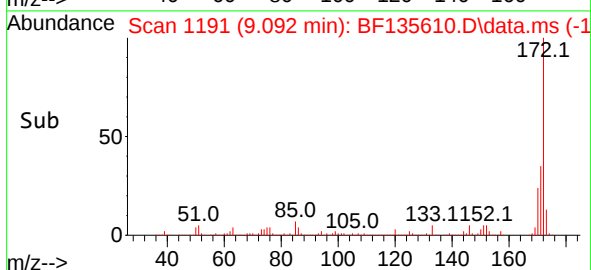
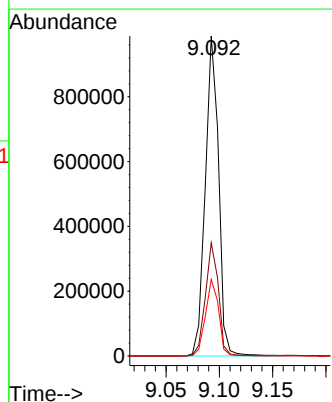
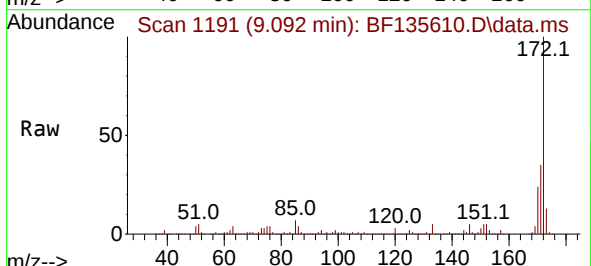
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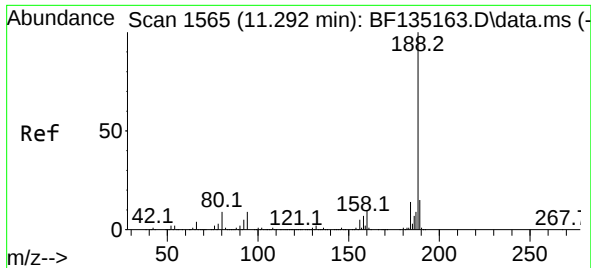
Reviewed By : Yogesh Patel 10/06/2023
Supervised By : mohammad ahmed 10/07/2023



#45
2-Fluorobiphenyl
Concen: 61.636 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

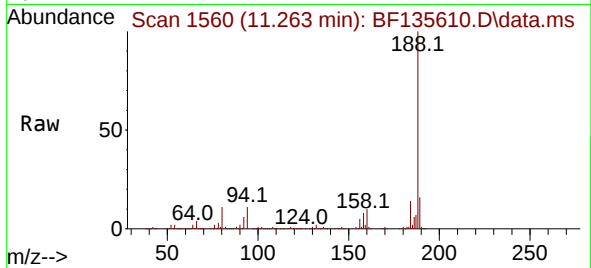
Tgt Ion: 172 Resp: 861105
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.9 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

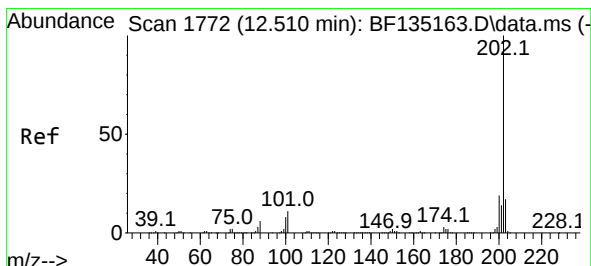
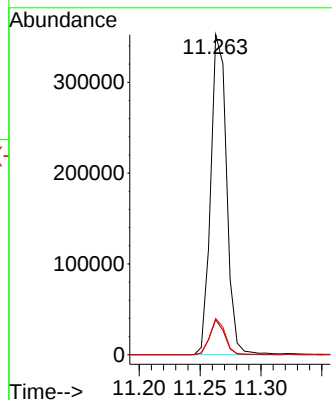
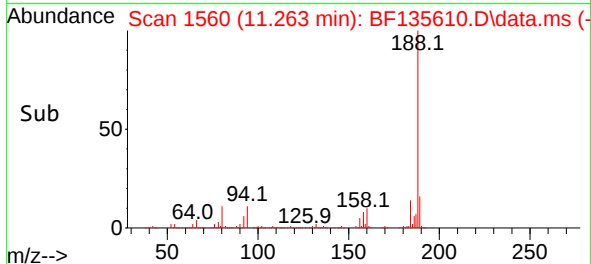
Instrument :
BNA_F
ClientSampleId :
TP-1



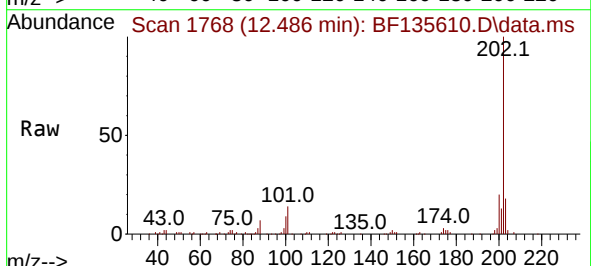
Tgt Ion:188 Resp: 31976
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6
80 11.3 7.5 11.3

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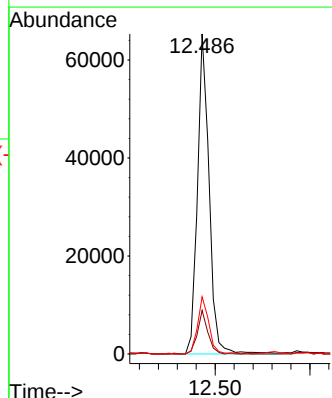
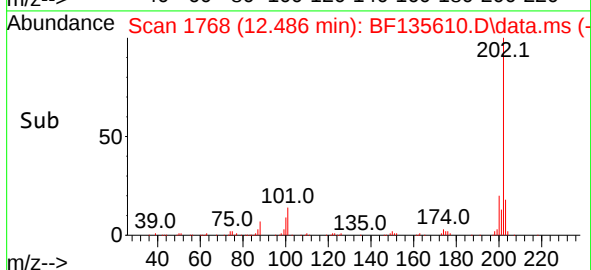
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

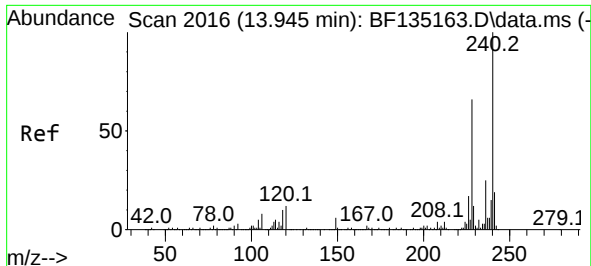


#75
Fluoranthene
Concen: 3.553 ng
RT: 12.486 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47



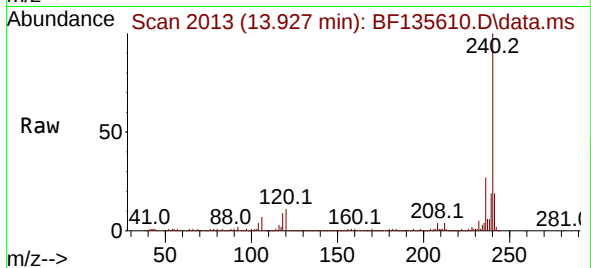
Tgt Ion:202 Resp: 55997
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.3
203 17.8 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

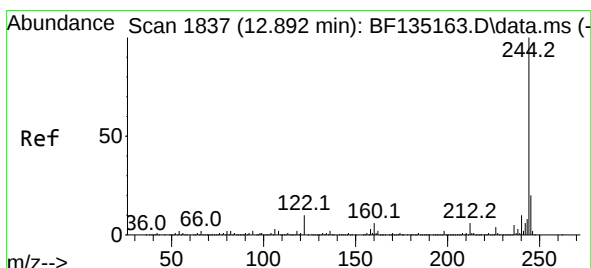
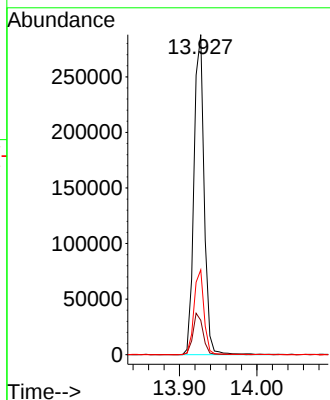
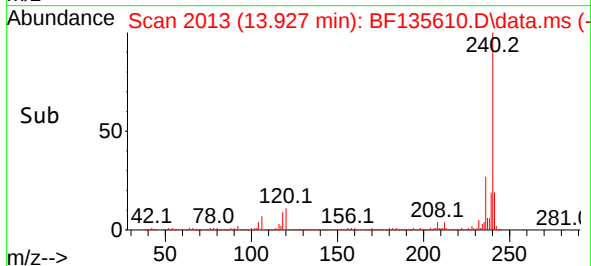
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:240 Resp: 263248
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.5 19.8 29.8

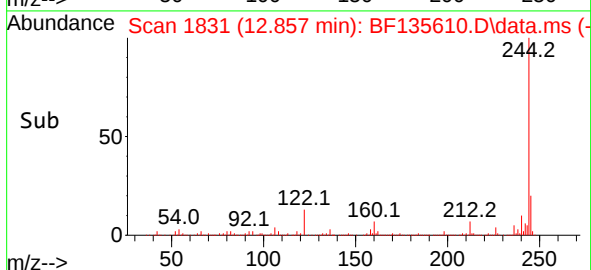
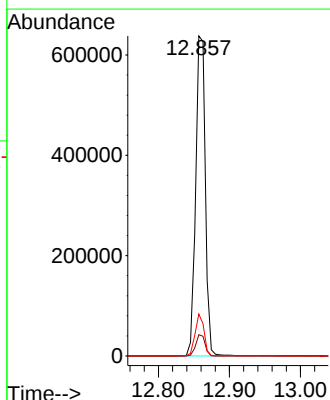
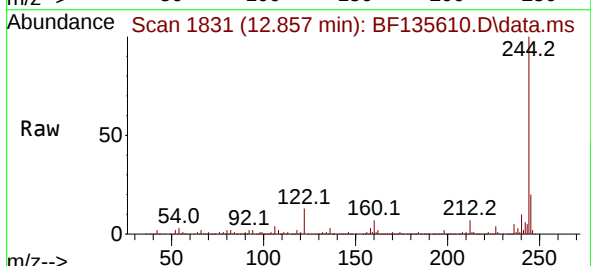
Manual Integrations
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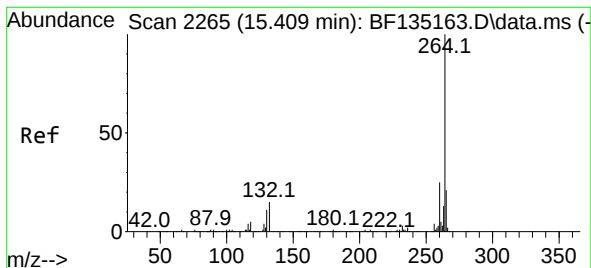
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#79
Terphenyl-d14
Concen: 35.567 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion:244 Resp: 603987
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 13.1 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1

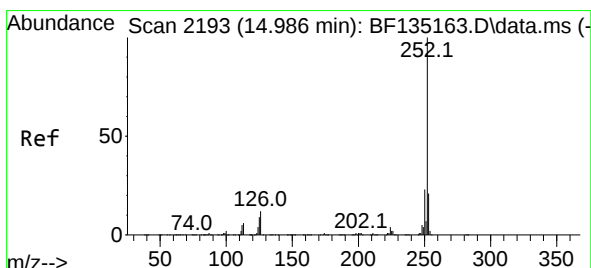
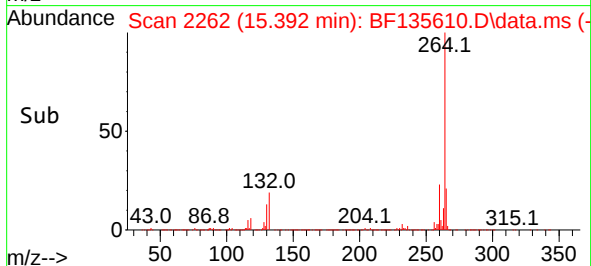
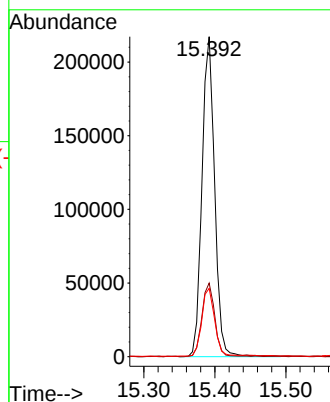
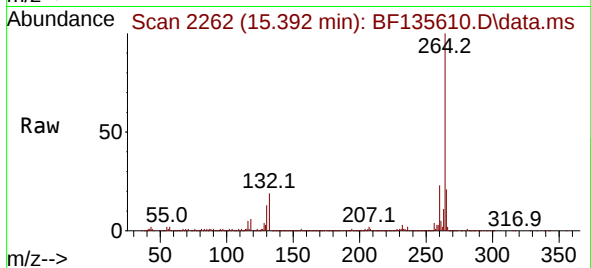
Tgt Ion:264 Resp: 270159
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 21.4 17.0 25.4

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#88

Benzo(b)fluoranthene

Concen: 3.218 ng m

RT: 14.968 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

Tgt Ion:252 Resp: 47058
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.2 25.8
 125 13.4 7.1 10.7#

