

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133731.D
 Acq On : 13 Jun 2023 15:16
 Operator : CG\JU
 Sample : 03094-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 15:41:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	75747	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	247386	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	98185	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	164404	20.000	ng	# 0.02
76) Chrysene-d12	14.039	240	158197	20.000	ng	# 0.02
86) Perylene-d12	15.492	264	114917	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	334894	76.969	ng	0.00
7) Phenol-d6	6.463	99	368346	65.038	ng	0.00
23) Nitrobenzene-d5	7.392	82	237878	52.373	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	87657	70.529	ng	0.01
45) 2-Fluorobiphenyl	9.192	172	391576	56.692	ng	0.00
79) Terphenyl-d14	12.986	244	446770	43.699	ng	0.03
Target Compounds						Qvalue
32) Benzoic acid	7.828	122	7686	3.445	ng	95
88) Benzo(b)fluoranthene	15.068	252	15849m	2.270	ng	

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

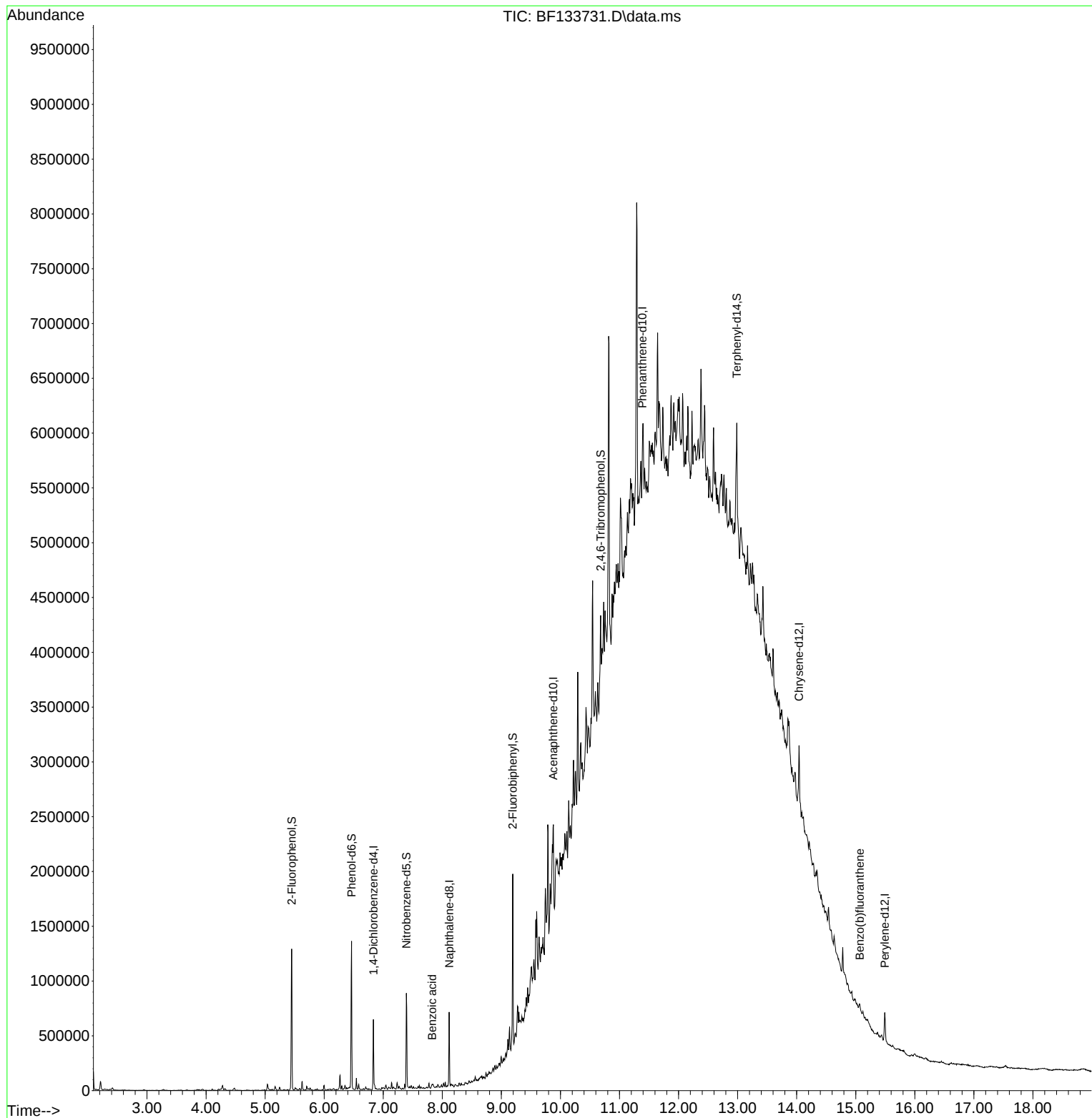
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133731.D
Acq On : 13 Jun 2023 15:16
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QLast Update : Tue Jun 13 11:26:55 2023
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Manual Integrations
APPROVED

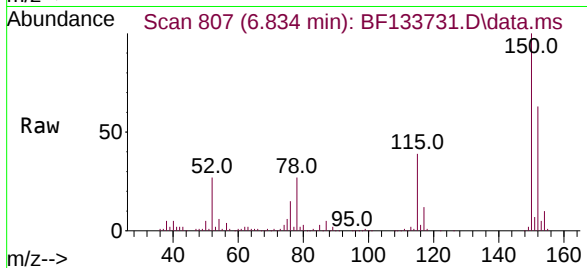
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

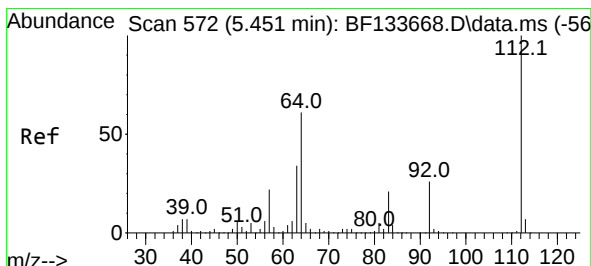
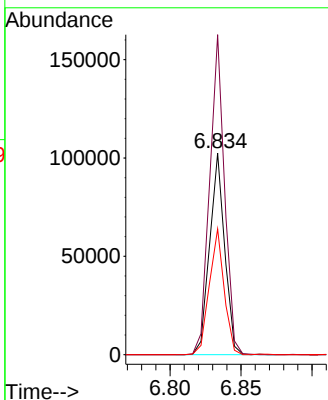
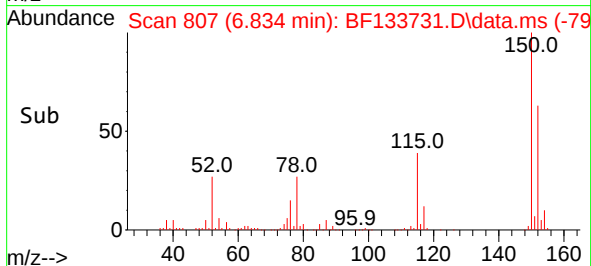
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 7574
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 62.4 48.5 72.7

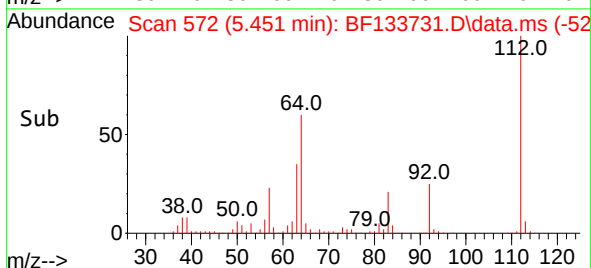
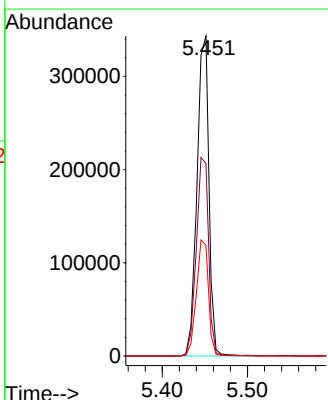
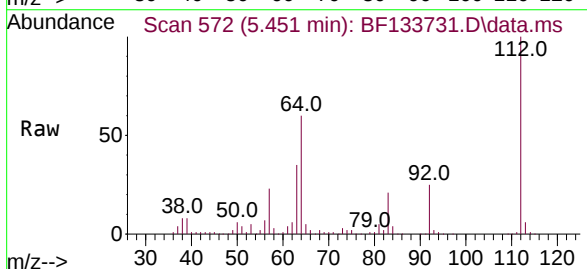
Manual Integrations
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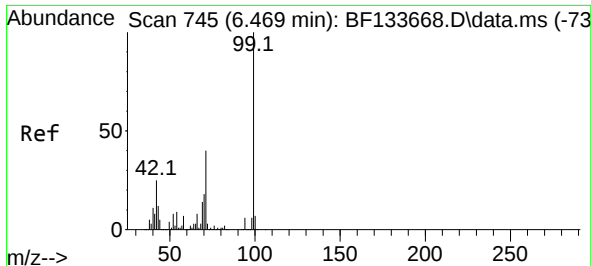
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#5
2-Fluorophenol
Concen: 76.969 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

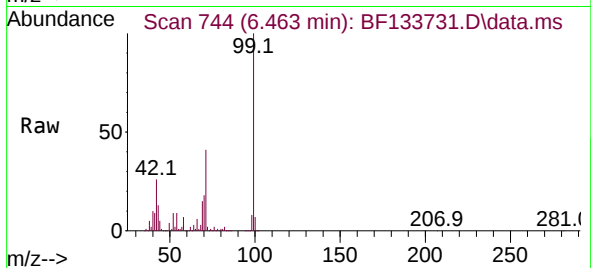
Tgt Ion:112 Resp: 334894
Ion Ratio Lower Upper
112 100
64 60.2 49.0 73.4
63 34.6 26.8 40.2





#7
Phenol-d6
Concen: 65.038 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

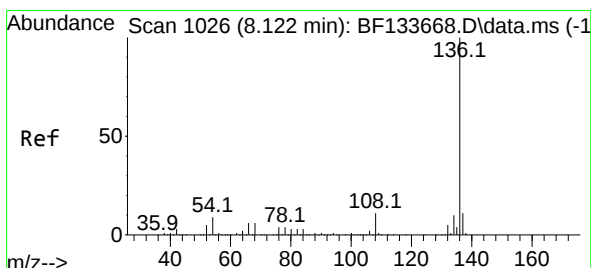
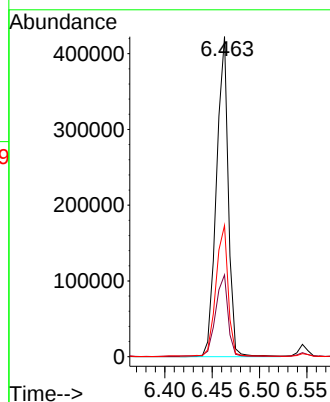
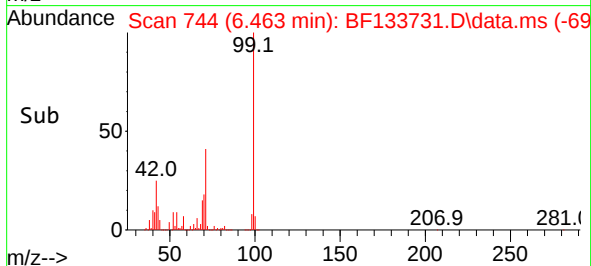
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 99 Resp: 368340
Ion Ratio Lower Upper
99 100
42 25.6 19.9 29.9
71 41.0 32.2 48.4

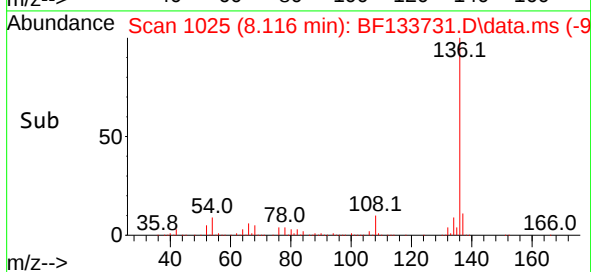
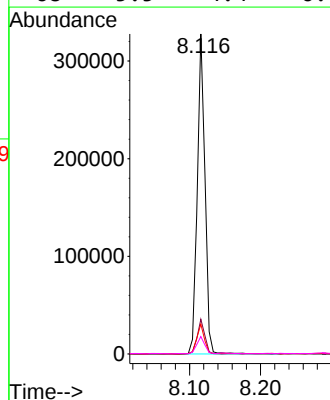
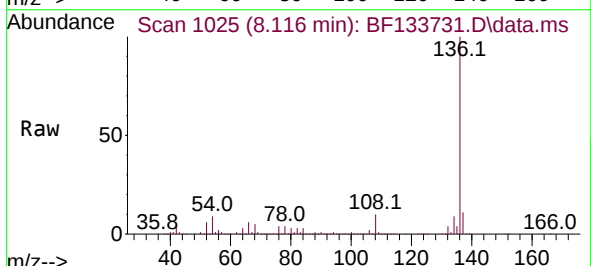
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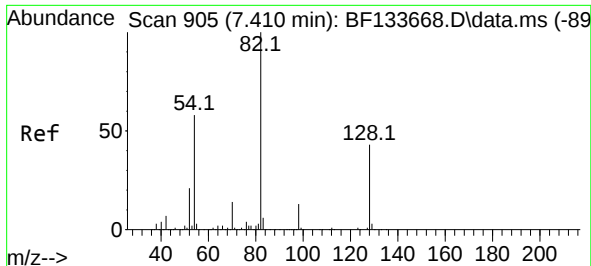
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

Tgt Ion:136 Resp: 247386
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.3 7.4 11.0
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 52.373 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133731.D

Acq: 13 Jun 2023 15:16

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion: 82 Resp: 237878

Ion Ratio Lower Upper

82 100

128 39.4 34.2 51.2

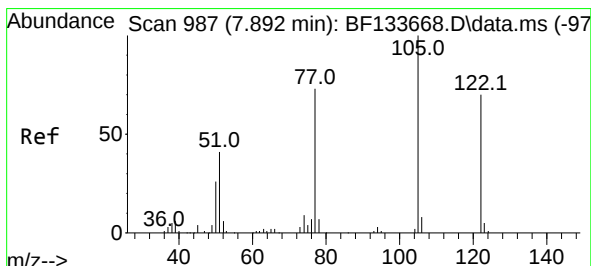
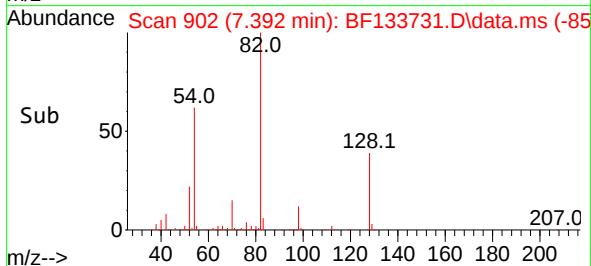
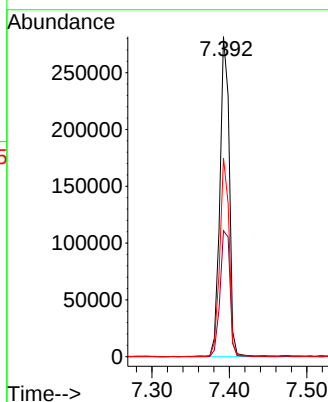
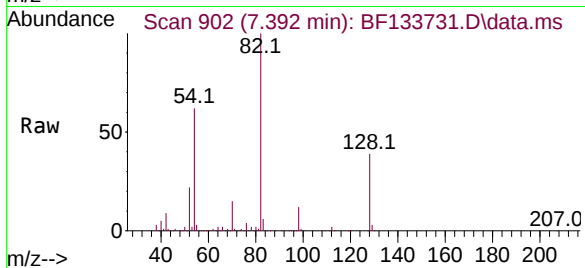
54 62.1 46.5 69.7

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#32

Benzoic acid

Concen: 3.445 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.065 min

Lab File: BF133731.D

Acq: 13 Jun 2023 15:16

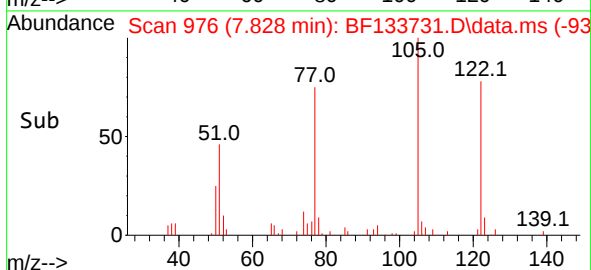
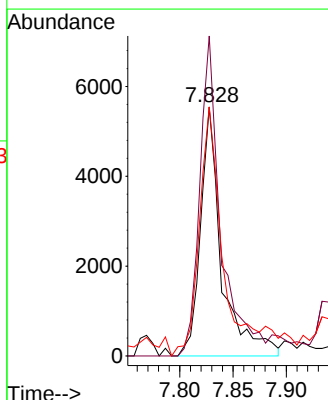
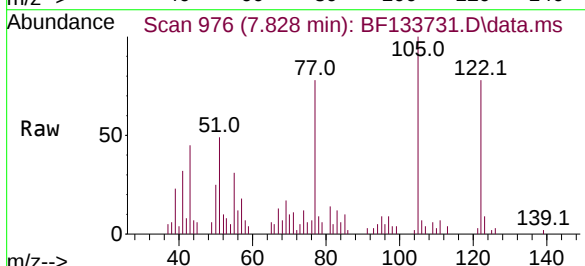
Tgt Ion:122 Resp: 7686

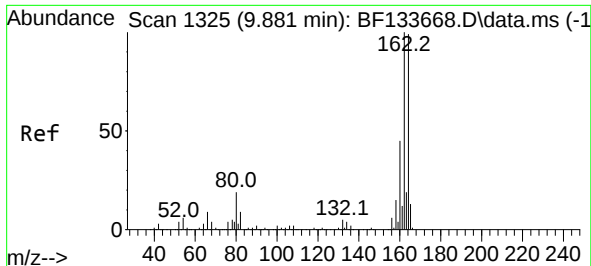
Ion Ratio Lower Upper

122 100

105 128.6 116.3 156.3

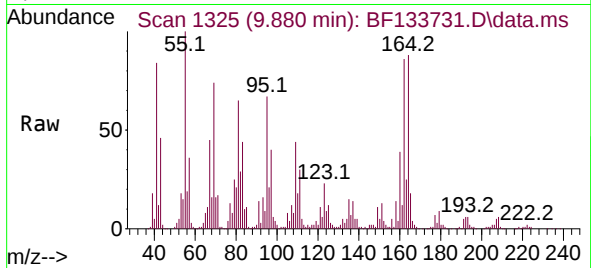
77 100.1 82.4 122.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

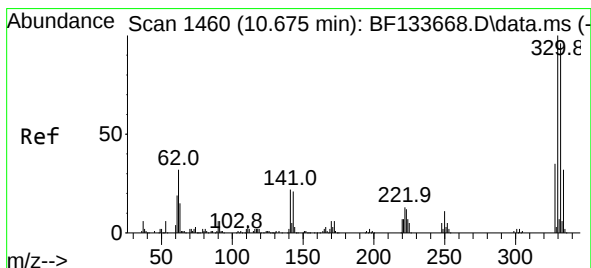
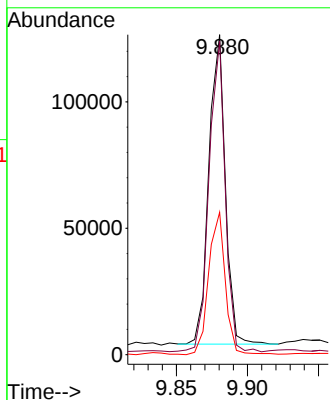
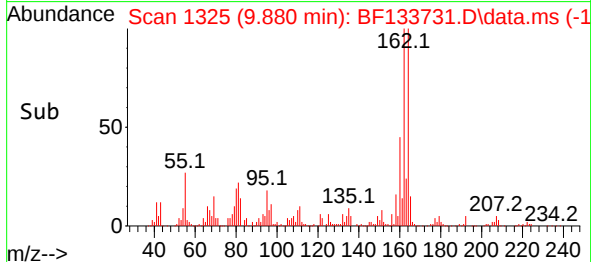
Instrument :
BNA_F
ClientSampleId :
WC-1



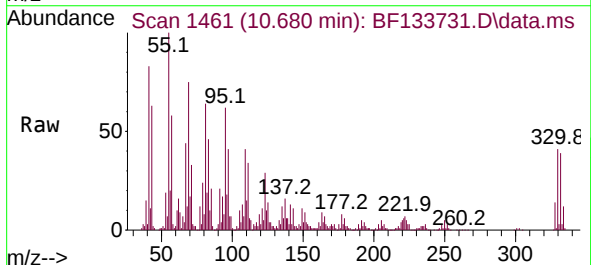
Tgt Ion:164 Resp: 9818
Ion Ratio Lower Upper
164 100
162 98.0 80.8 121.2
160 44.5 36.7 55.1

Manual Integrations
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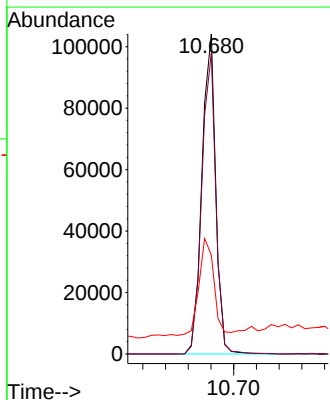
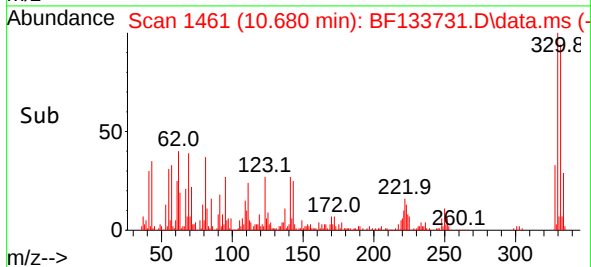
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

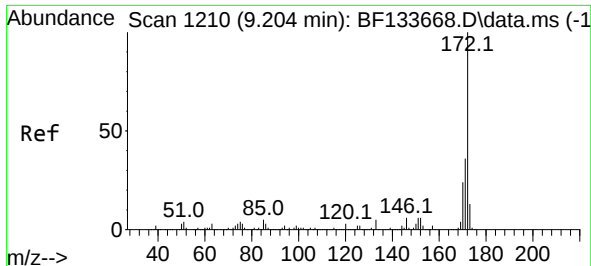


#42
2,4,6-Tribromophenol
Concen: 70.529 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.012 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16



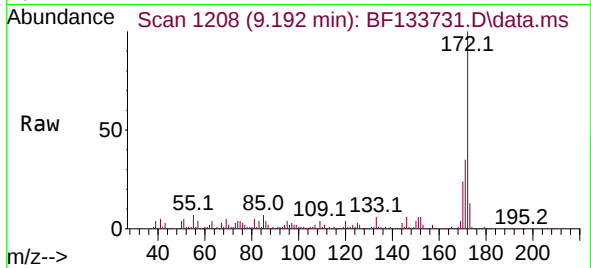
Tgt Ion:330 Resp: 87657
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 32.7 24.9 37.3





#45
2-Fluorobiphenyl
Concen: 56.692 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

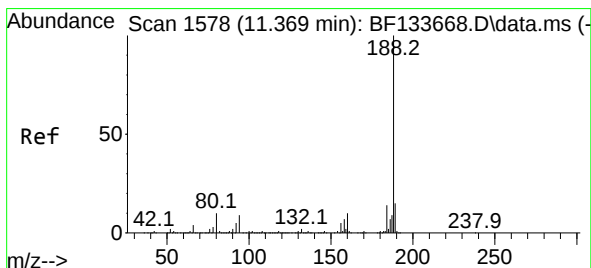
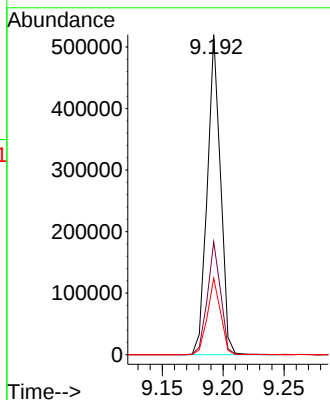
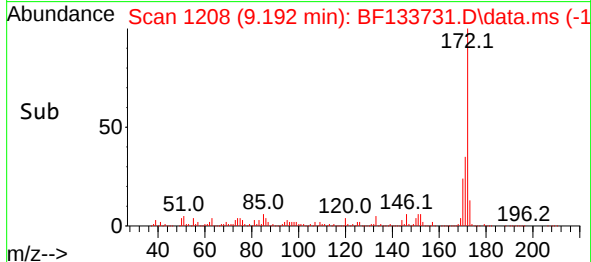
Instrument :
BNA_F
ClientSampleId :
WC-1



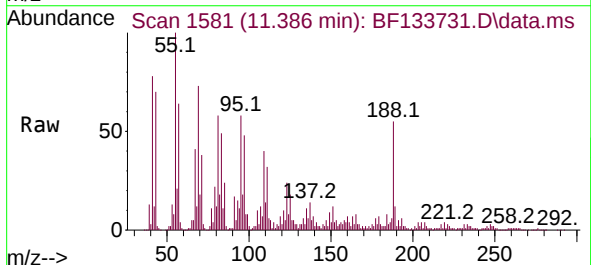
Tgt Ion:172 Resp: 391570
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.9 19.1 28.7

Manual Integrations
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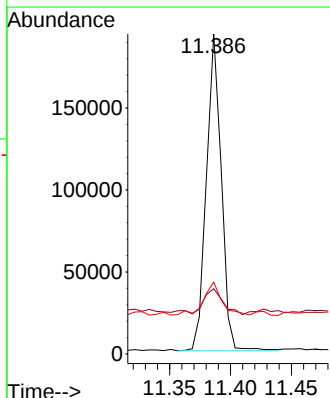
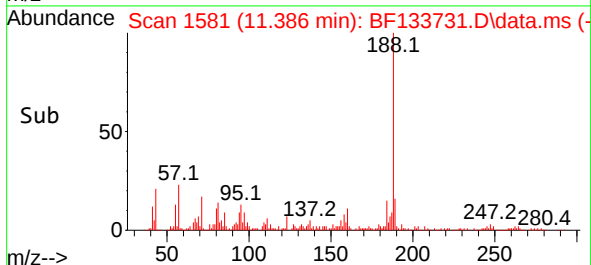
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

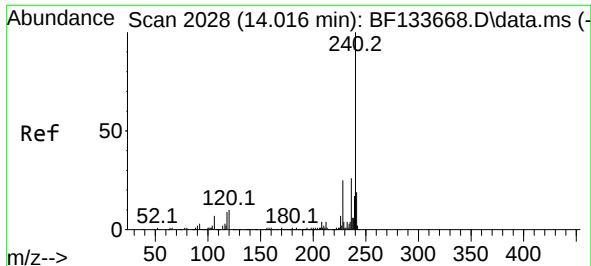


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.018 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16



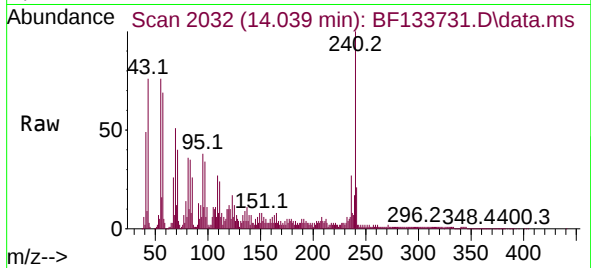
Tgt Ion:188 Resp: 164404
Ion Ratio Lower Upper
188 100
94 20.4 6.8 10.2#
80 22.5 7.8 11.6#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2028
Delta R.T. 0.024 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

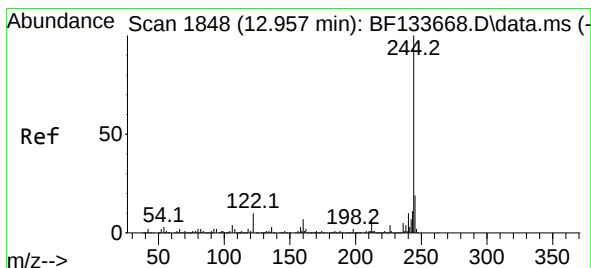
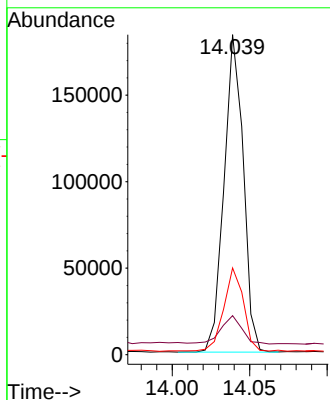
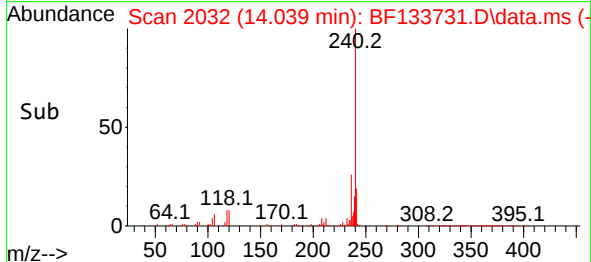
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:240 Resp: 158197
Ion Ratio Lower Upper
240 100
120 12.2 8.1 12.1
236 27.1 20.5 30.7

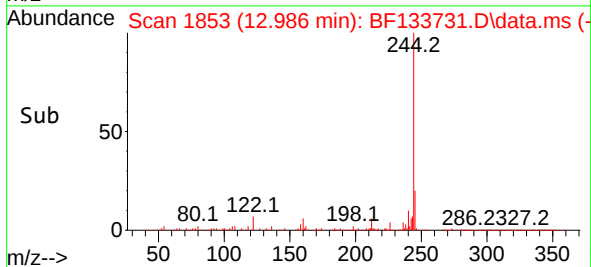
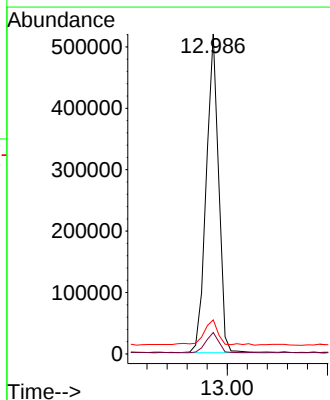
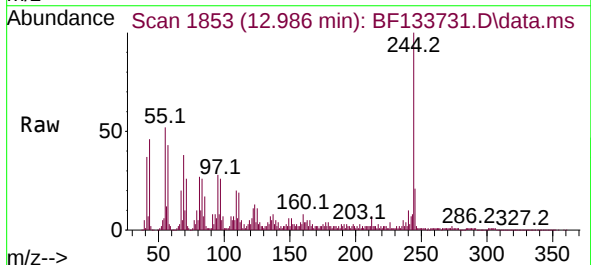
Manual Integrations
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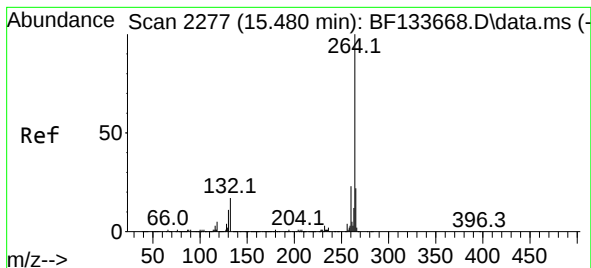
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#79
Terphenyl-d14
Concen: 43.699 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.029 min
Lab File: BF133731.D
Acq: 13 Jun 2023 15:16

Tgt Ion:244 Resp: 446770
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.6 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133731.D

Acq: 13 Jun 2023 15:16

Instrument :

BNA_F

ClientSampleId :

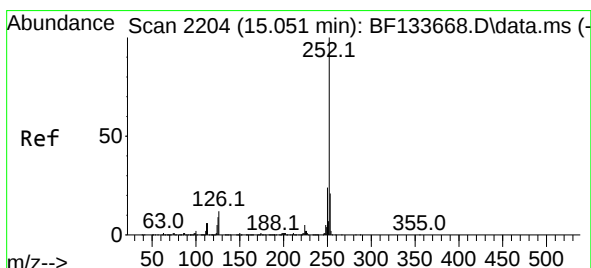
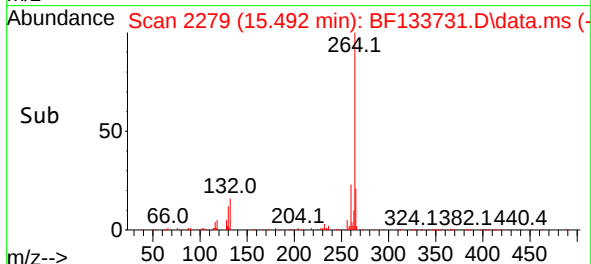
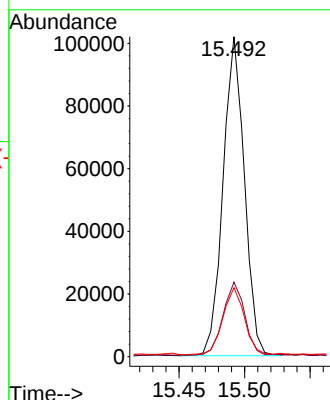
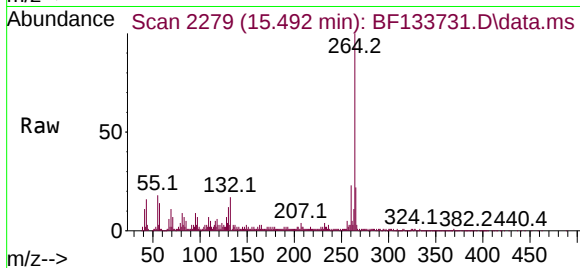
WC-1

Tgt Ion:264 Resp: 11491
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.5 17.8 26.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 2.270 ng m

RT: 15.068 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BF133731.D

Acq: 13 Jun 2023 15:16

Tgt Ion:252 Resp: 15849
 Ion Ratio Lower Upper
 252 100
 253 34.3 17.0 25.6#
 125 52.3 7.3 10.9#

