

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138747.D
 Acq On : 02 Aug 2024 15:06
 Operator : RC/JU
 Sample : P3403-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251686

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 16:14:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	43695	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	184406	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	62808	20.000	ng	# 0.02
64) Phenanthrene-d10	11.457	188	73000m	20.000	ng	0.09
76) Chrysene-d12	14.068	240	88845	20.000	ng	# 0.06
86) Perylene-d12	15.492	264	63837	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	107689	38.044	ng	0.00
7) Phenol-d6	6.481	99	149132	39.241	ng	0.00
23) Nitrobenzene-d5	7.404	82	93771	24.861	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	18766	36.476	ng	0.06
45) 2-Fluorobiphenyl	9.204	172	140606	33.636	ng	0.00
79) Terphenyl-d14	13.045	244	117504	22.143	ng	0.10
Target Compounds						Qvalue
83) Chrysene	14.086	228	11391	2.064	ng	# 50
84) Bis(2-ethylhexyl)phtha...	14.015	149	74028	18.873	ng	# 87
88) Benzo(b)fluoranthene	15.068	252	9318m	2.355	ng	

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

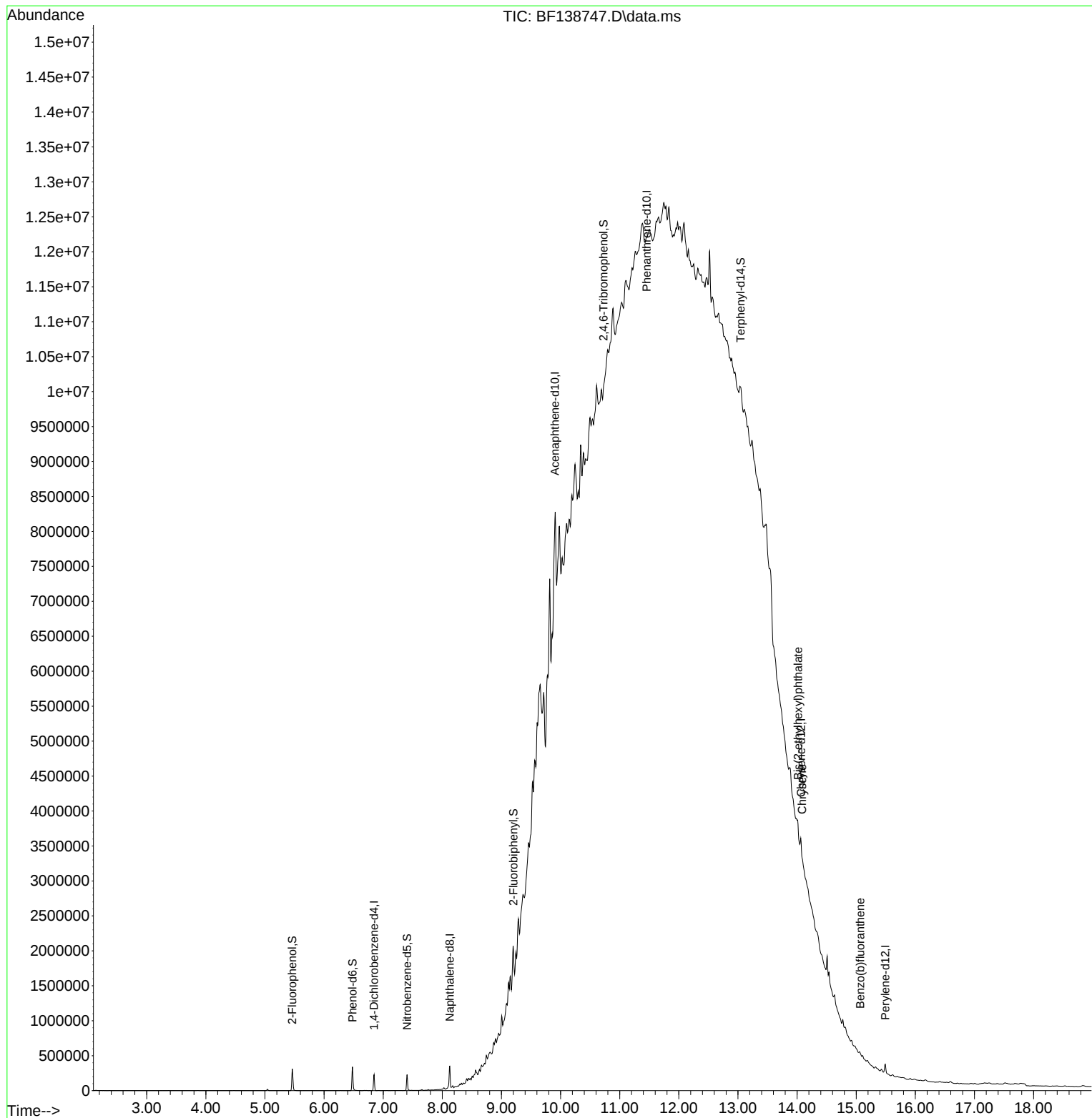
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138747.D
Acq On : 02 Aug 2024 15:06
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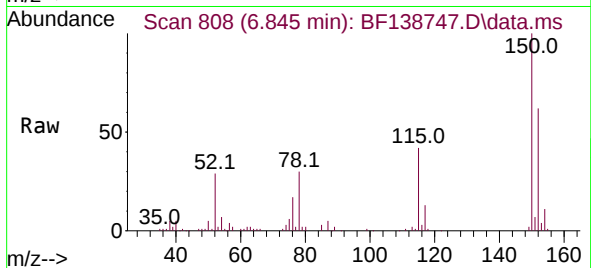
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

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BNA_F

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RBR251686

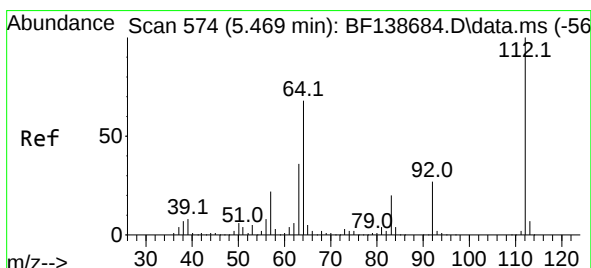
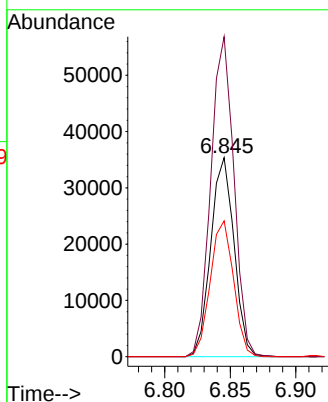
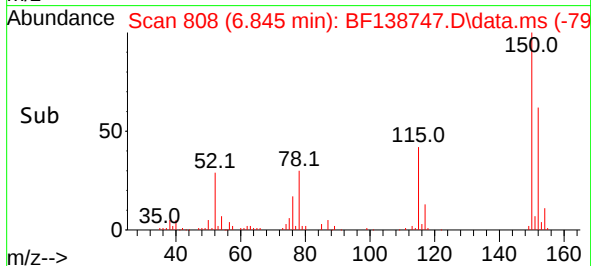


Tgt Ion:152 Resp: 4369
Ion Ratio Lower Upper
152 100
150 160.8 126.0 189.0
115 68.2 51.7 77.5

Manual Integrations

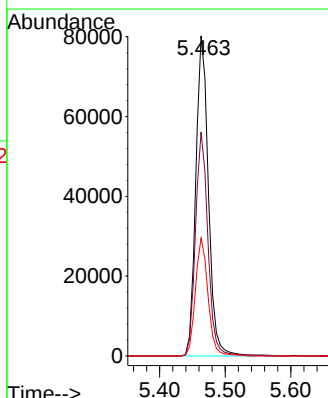
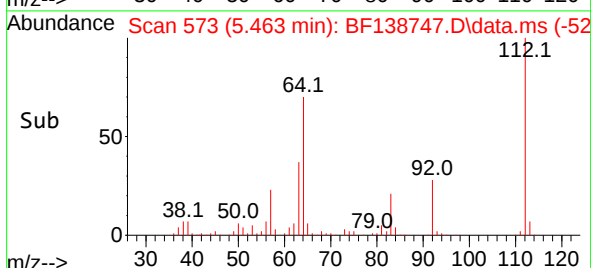
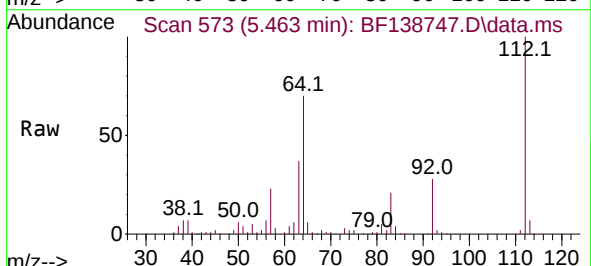
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#5
2-Fluorophenol
Concen: 38.044 ng
RT: 5.463 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

Tgt Ion:112 Resp: 107689
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 36.9 28.7 43.1





#7

Phenol-d6

Concen: 39.241 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138747.D

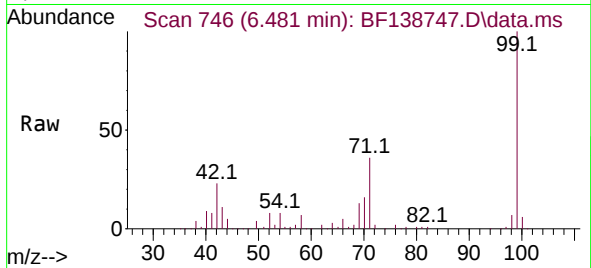
Acq: 02 Aug 2024 15:06

Instrument :

BNA_F

ClientSampleId :

RBR251686



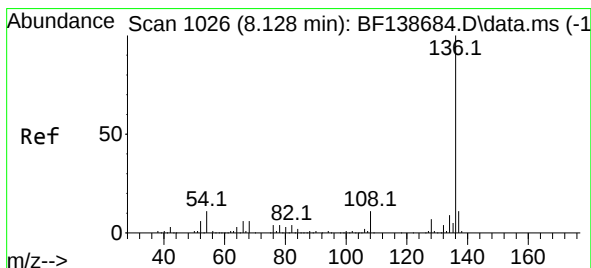
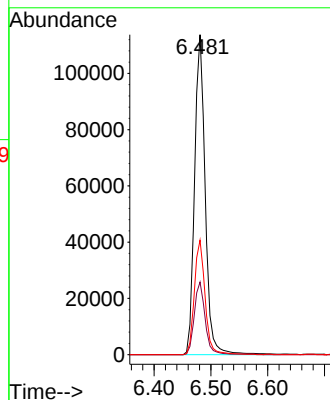
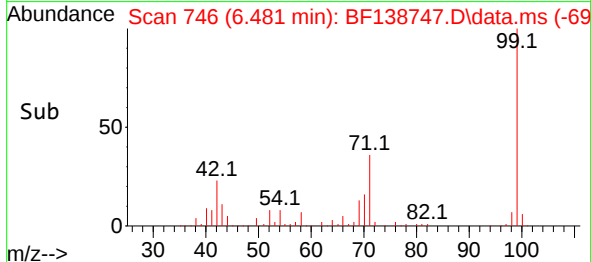
Tgt Ion:	99	Ratio	100	Lower	Upper
99	100				
42	22.7		17.4	26.0	
71	35.8		28.1	42.1	

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Supervised By :mohammad ahmed 08/03/2024



#21

Naphthalene-d8

Concen: 20.000 ng

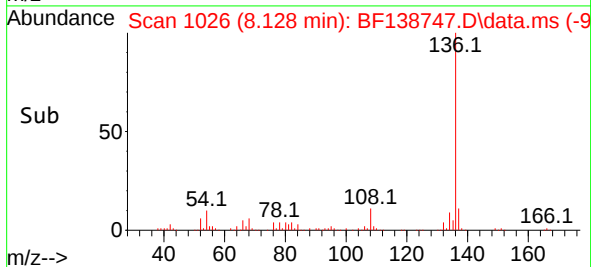
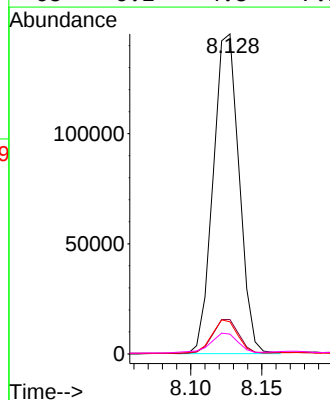
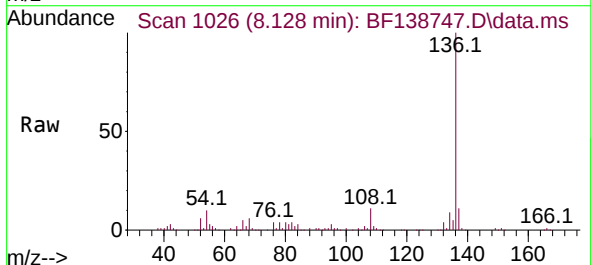
RT: 8.128 min Scan# 1026

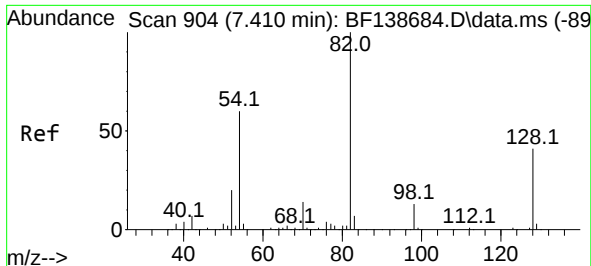
Delta R.T. -0.000 min

Lab File: BF138747.D

Acq: 02 Aug 2024 15:06

Tgt Ion:	136	Ratio	100	Lower	Upper
136	100				
137	10.8		8.9	13.3	
54	10.1		8.6	12.8	
68	6.2		4.8	7.2	





#23
Nitrobenzene-d5
Concen: 24.861 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

Instrument :

BNA_F

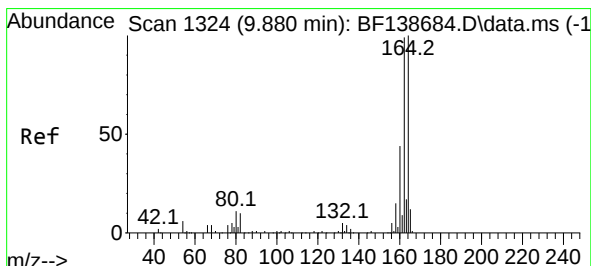
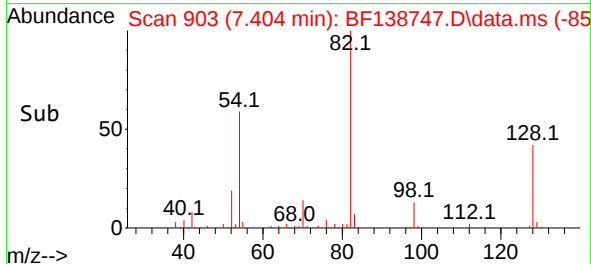
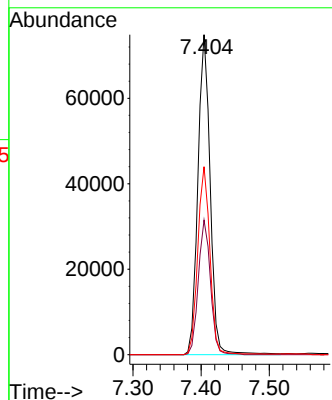
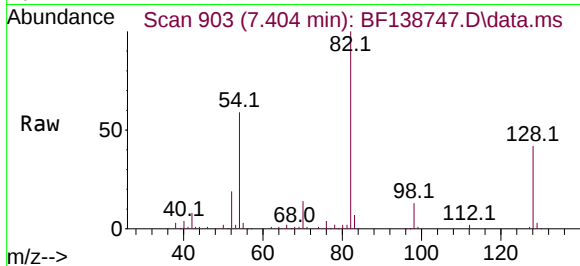
ClientSampleId :

RBR251686

Tgt Ion: 82 Resp: 9377
Ion Ratio Lower Upper
82 100
128 42.0 32.8 49.2
54 58.7 48.3 72.5

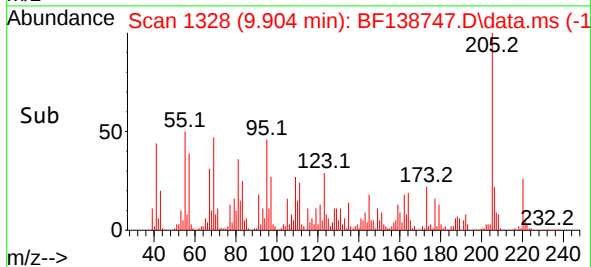
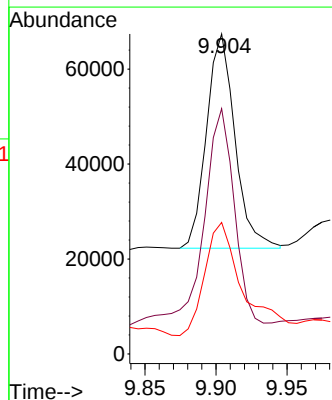
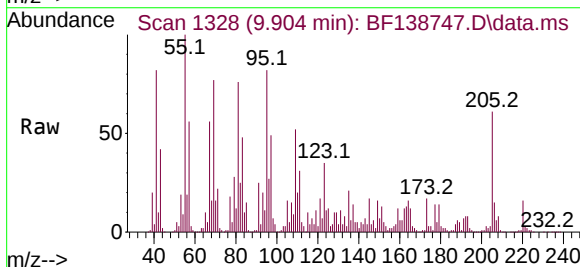
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Supervised By :mohammad ahmed 08/03/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.024 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

Tgt Ion:164 Resp: 62808
Ion Ratio Lower Upper
164 100
162 76.7 79.4 119.0#
160 41.1 35.1 52.7





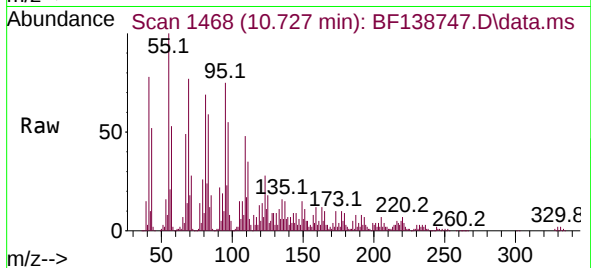
#42
2,4,6-Tribromophenol
Concen: 36.476 ng
RT: 10.727 min Scan# 1458
Delta R.T. 0.059 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

Instrument :

BNA_F

ClientSampleId :

RBR251686



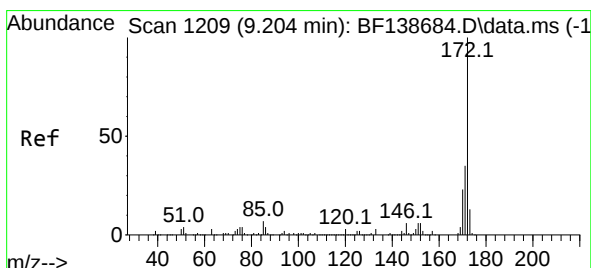
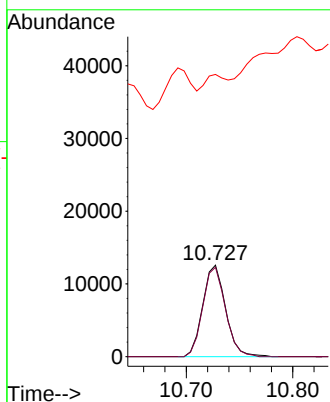
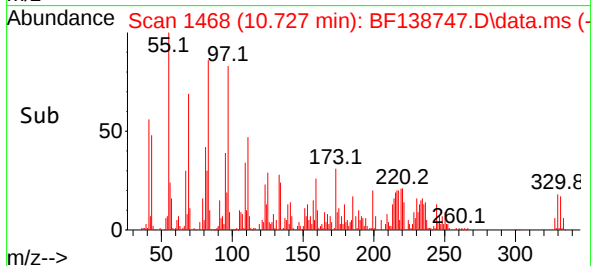
Tgt Ion: 330 Resp: 18760
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 0.0 31.1 46.7

Manual Integrations

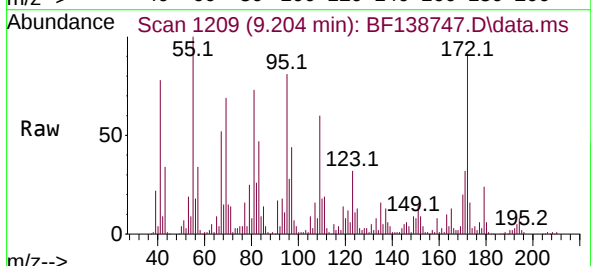
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Reviewed By : Yogesh Patel 08/03/2024

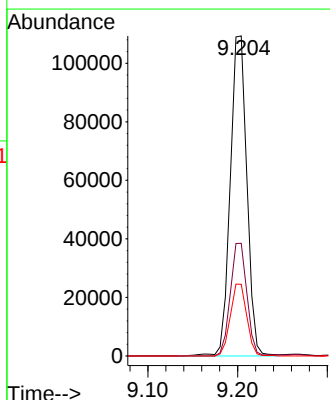
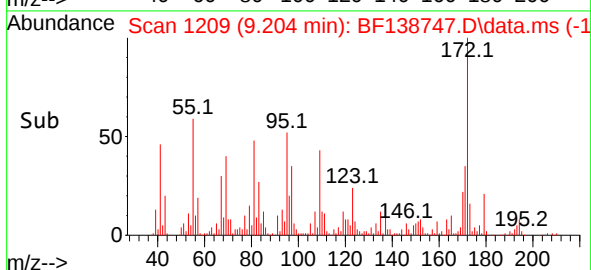
Supervised By : mohammad ahmed 08/03/2024

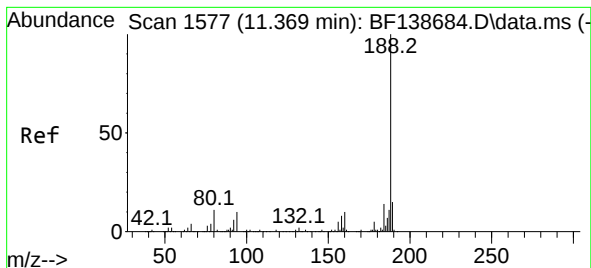


#45
2-Fluorobiphenyl
Concen: 33.636 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06



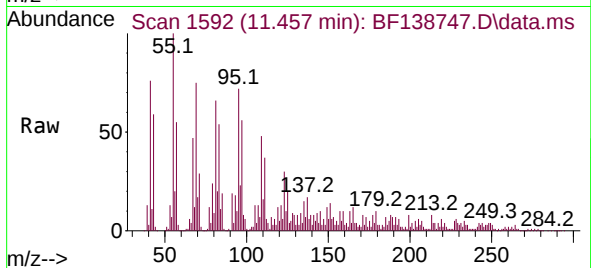
Tgt Ion: 172 Resp: 140606
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.457 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

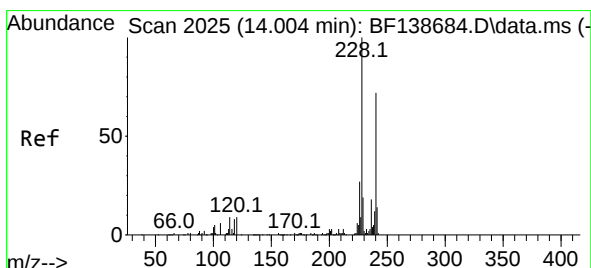
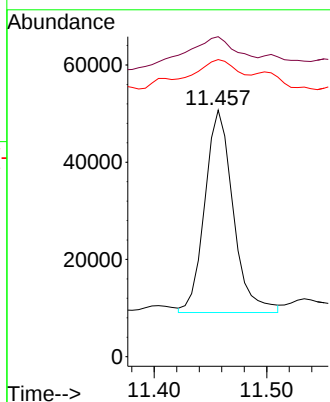
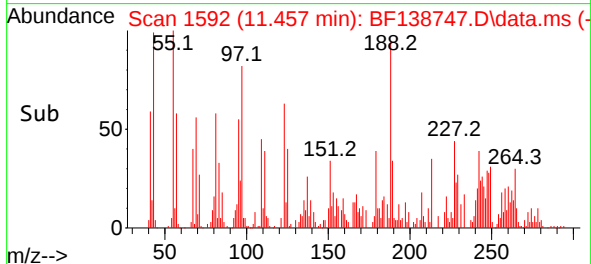
Instrument :
BNA_F
ClientSampleId :
RBR251686



Tgt Ion:188 Resp: 73000
Ion Ratio Lower Upper
188 100
94 129.8 7.6 11.4
80 120.5 8.6 12.8

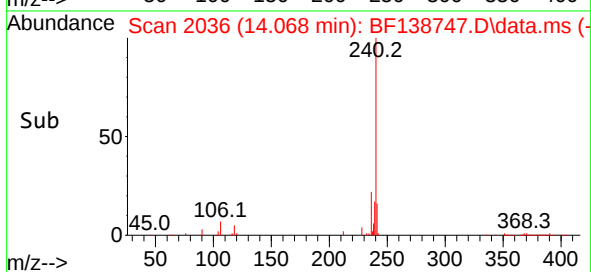
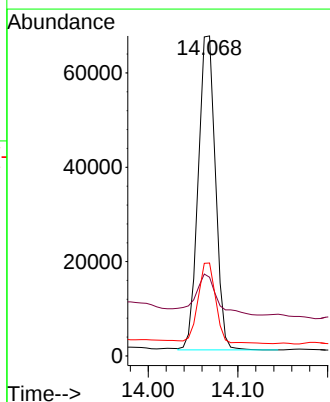
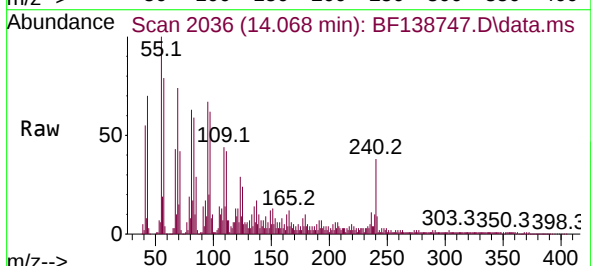
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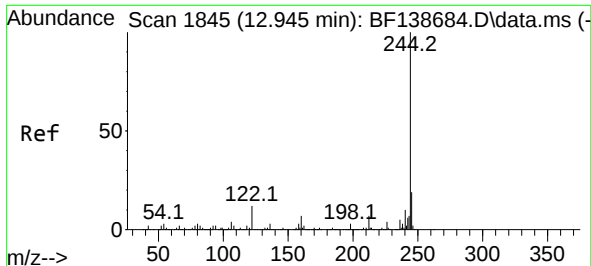
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.065 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

Tgt Ion:240 Resp: 88845
Ion Ratio Lower Upper
240 100
120 24.6 10.2 15.4
236 29.1 19.8 29.8





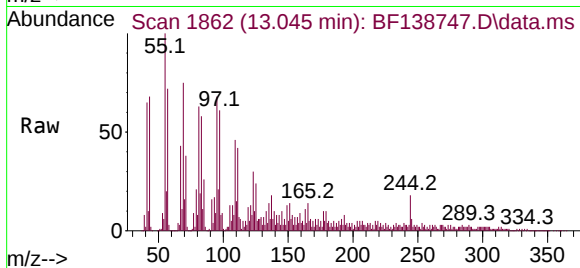
#79
 Terphenyl-d14
 Concen: 22.143 ng
 RT: 13.045 min Scan# 117504
 Delta R.T. 0.100 min
 Lab File: BF138747.D
 Acq: 02 Aug 2024 15:06

Instrument :

BNA_F

ClientSampleId :

RBR251686

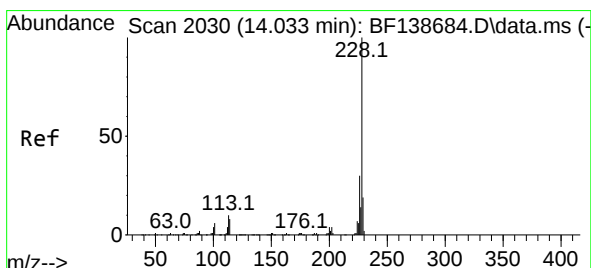
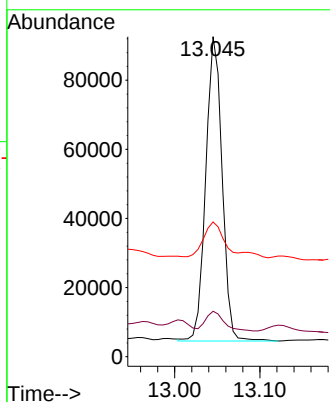
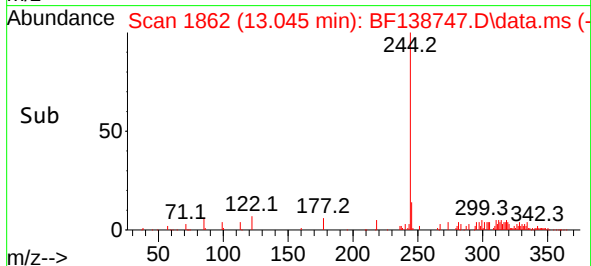


Tgt Ion:244 Resp: 117504
 Ion Ratio Lower Upper
 244 100
 212 14.2 5.4 8.2#
 122 42.1 9.6 14.4#

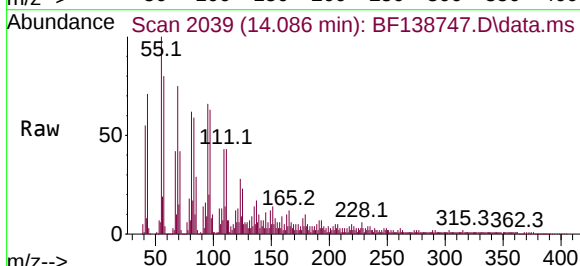
Manual Integrations

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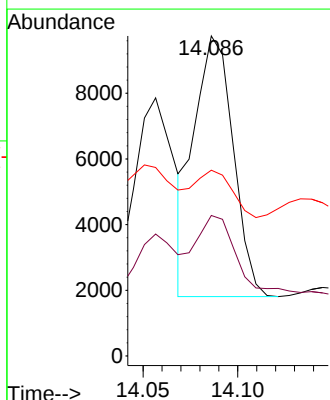
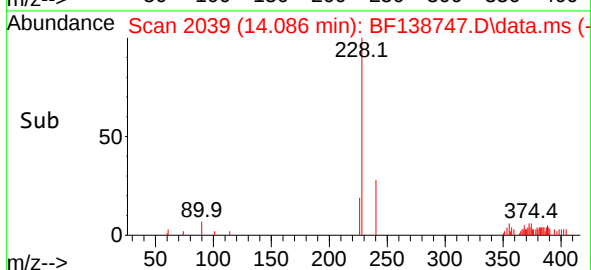
Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/03/2024

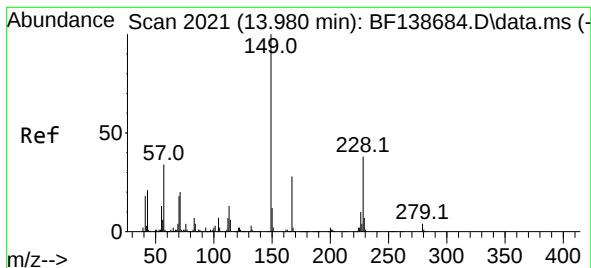


#83
 Chrysene
 Concen: 2.064 ng
 RT: 14.086 min Scan# 2039
 Delta R.T. 0.053 min
 Lab File: BF138747.D
 Acq: 02 Aug 2024 15:06



Tgt Ion:228 Resp: 11391
 Ion Ratio Lower Upper
 228 100
 226 43.9 23.7 35.5#
 229 58.1 15.0 22.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.873 ng

RT: 14.015 min Scan# 2021

Delta R.T. 0.035 min

Lab File: BF138747.D

Acq: 02 Aug 2024 15:06

Instrument :

BNA_F

ClientSampleId :

RBR251686

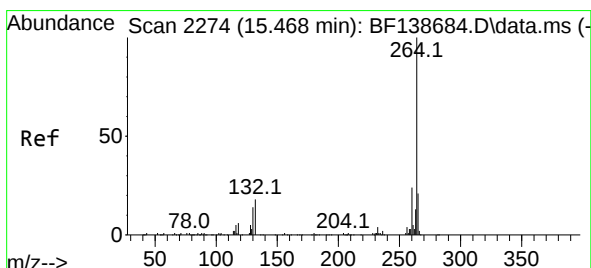
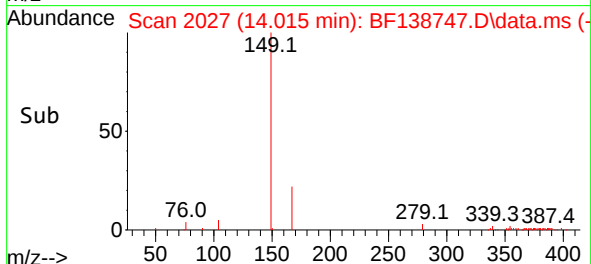
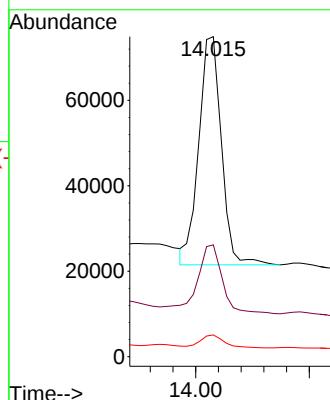
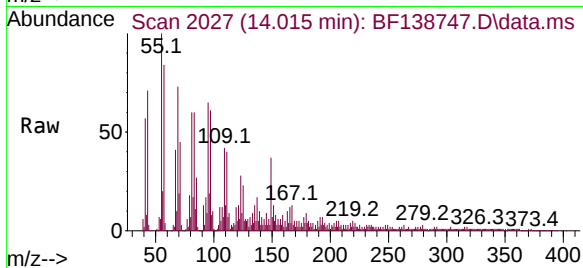
Tgt Ion:149 Resp: 74028
 Ion Ratio Lower Upper
 149 100
 167 35.0 22.2 33.4
 279 6.8 3.4 5.0

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#86

Perylene-d12

Concen: 20.000 ng

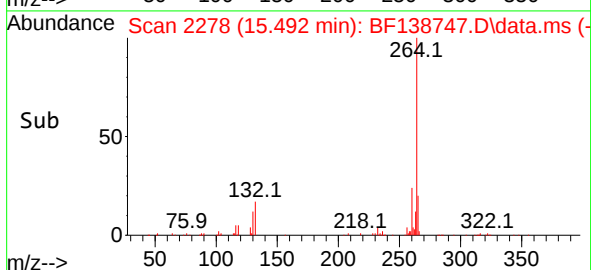
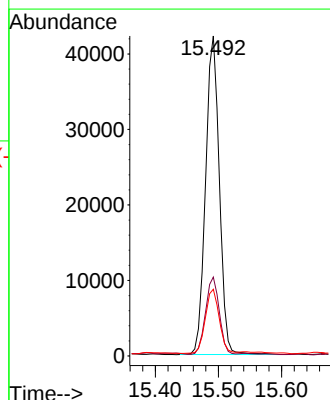
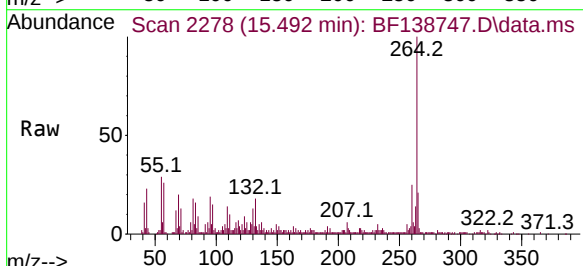
RT: 15.492 min Scan# 2278

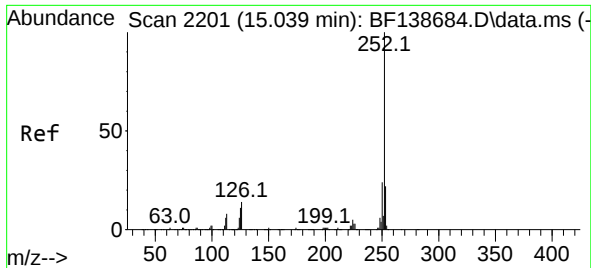
Delta R.T. 0.023 min

Lab File: BF138747.D

Acq: 02 Aug 2024 15:06

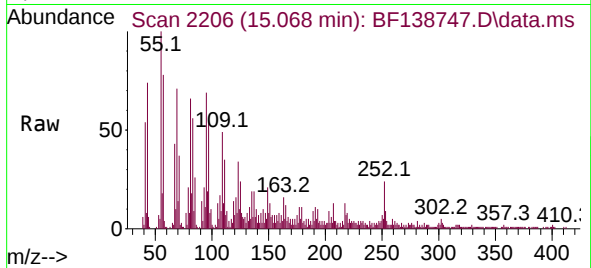
Tgt Ion:264 Resp: 63837
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 20.8 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 2.355 ng m
RT: 15.068 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF138747.D
Acq: 02 Aug 2024 15:06

Instrument :
BNA_F
ClientSampleId :
RBR251686



Tgt Ion:252 Resp: 9318
Ion Ratio Lower Upper
252 100
253 38.7 17.5 26.3
125 101.0 8.9 13.3

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Supervised By :mohammad ahmed 08/03/2024

