

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134412.D
 Acq On : 21 Jul 2023 21:18
 Operator : CG\JU
 Sample : 03659-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-071823

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 05:06:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	48379	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169751	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	73563	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	131785	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	103247	20.000	ng	0.00
86) Perylene-d12	15.545	264	75607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	151844	52.502	ng	0.00
7) Phenol-d6	6.475	99	171290	48.159	ng	-0.01
23) Nitrobenzene-d5	7.398	82	109797	34.867	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	42882	46.493	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	194701	38.481	ng	-0.01
79) Terphenyl-d14	12.969	244	200095	31.191	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.587	163	21686	4.061	ng	# 98
75) Fluoranthene	12.598	202	23005	3.207	ng	99
78) Pyrene	12.828	202	24511m	2.551	ng	
88) Benzo(b)fluoranthene	15.104	252	9722m	2.187	ng	

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

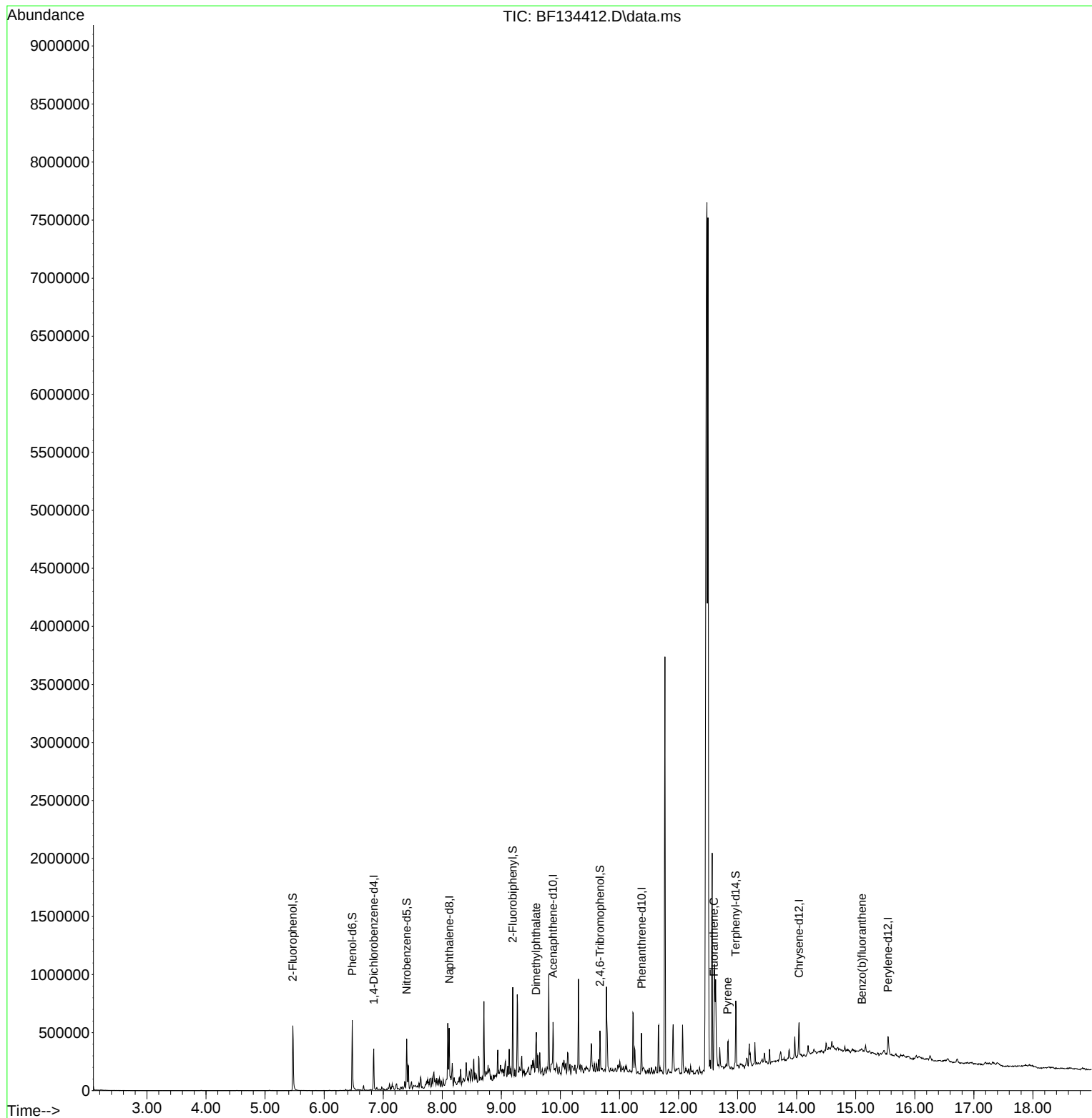
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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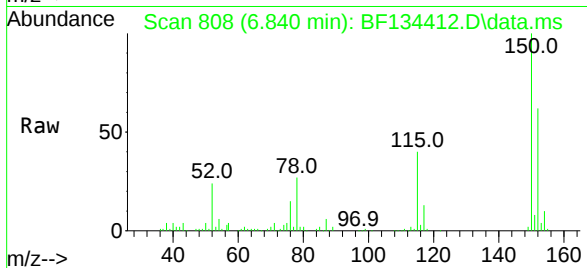
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

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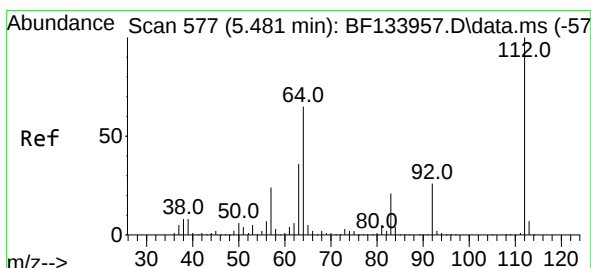
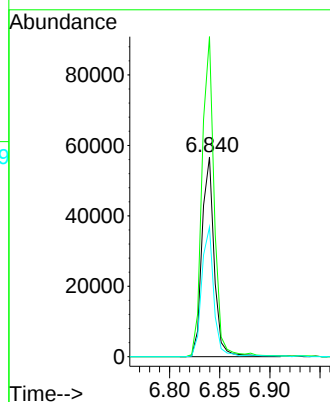
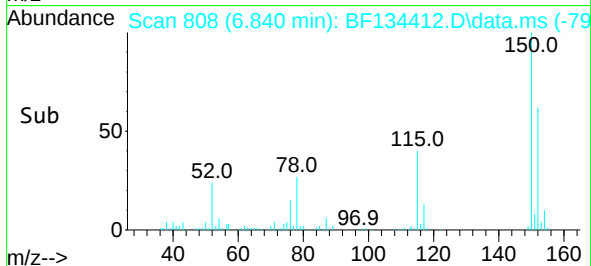
Tgt Ion:152 Resp: 48379
Ion Ratio Lower Upper
152 100
150 160.3 124.5 186.7
115 64.9 50.2 75.2

Manual Integrations

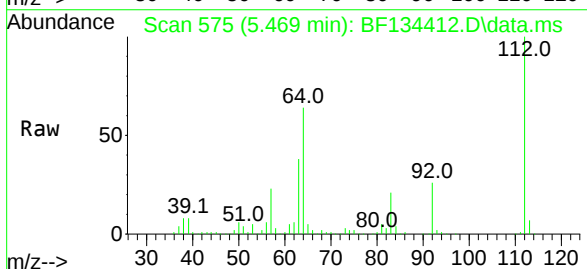
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Reviewed By :Yogesh Patel 07/24/2023

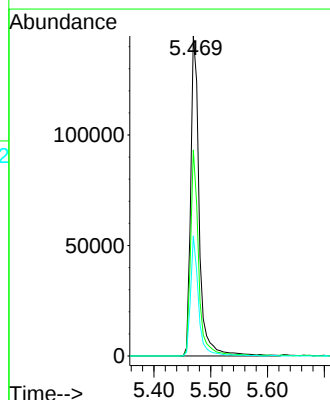
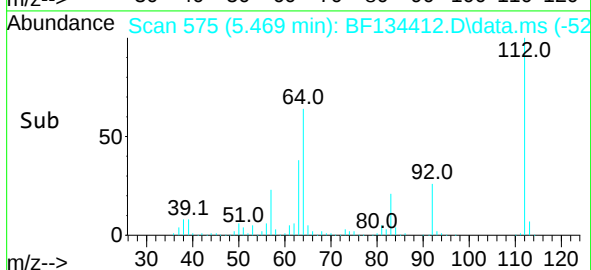
Supervised By :mohammad ahmed 07/24/2023



#5
2-Fluorophenol
Concen: 52.502 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18



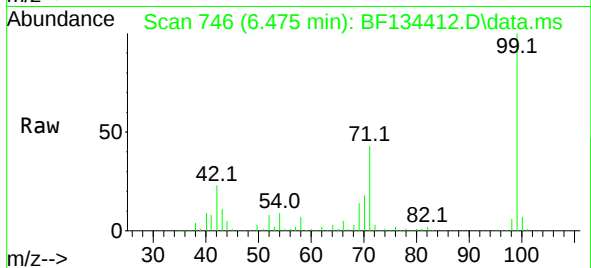
Tgt Ion:112 Resp: 151844
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 37.6 28.6 42.8





#7
Phenol-d6
Concen: 48.159 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

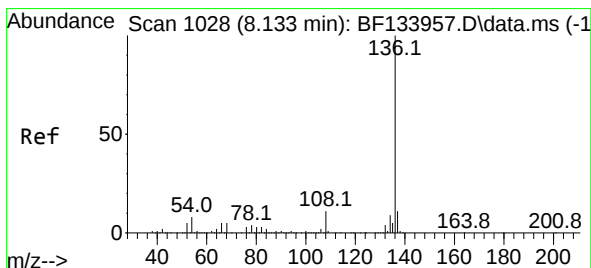
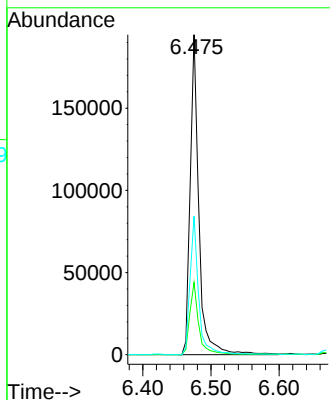
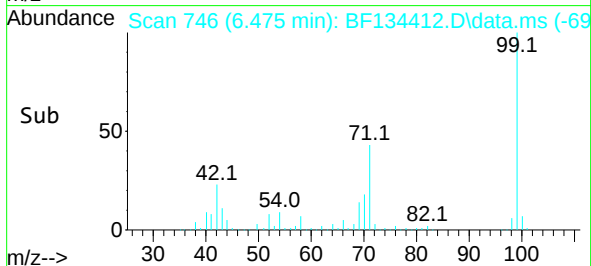
Instrument :
BNA_F
ClientSampleId :
HR-2-071823



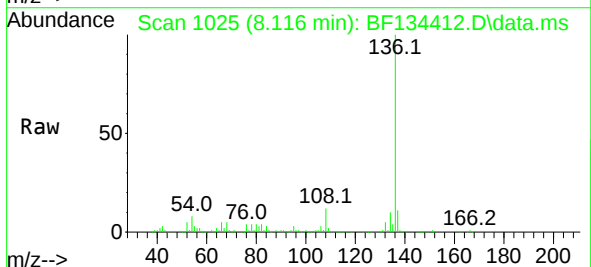
Tgt Ion: 99 Resp: 171290
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.6
71 43.2 31.9 47.9

Manual Integrations
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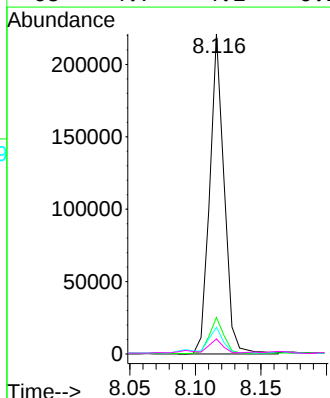
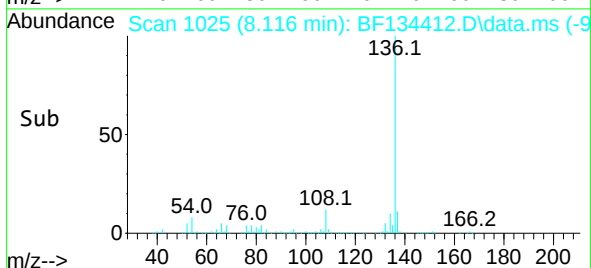
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

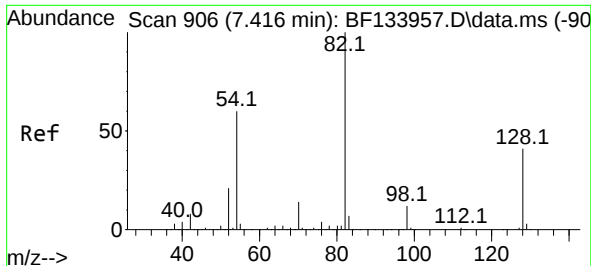


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18



Tgt Ion:136 Resp: 169751
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 8.3 6.5 9.7
68 4.7 4.2 6.2





#23
Nitrobenzene-d5
Concen: 34.867 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

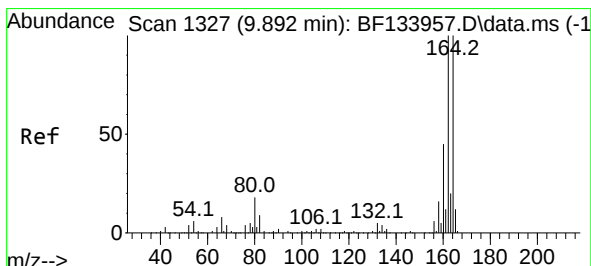
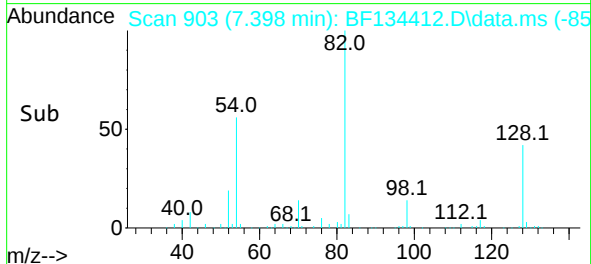
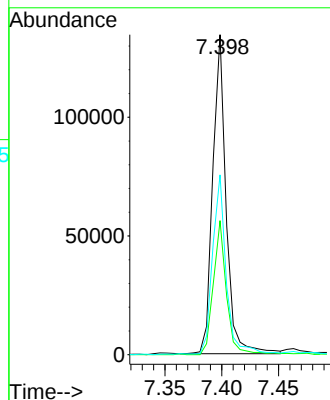
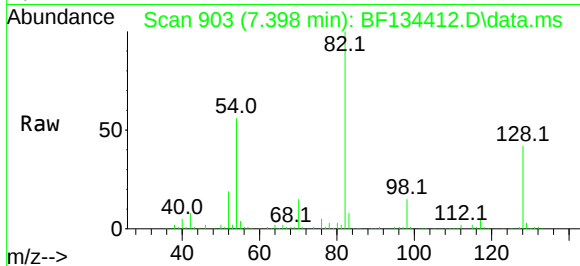
ClientSampleId :

HR-2-071823

Tgt Ion: 82 Resp: 10979
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 56.2 48.2 72.2

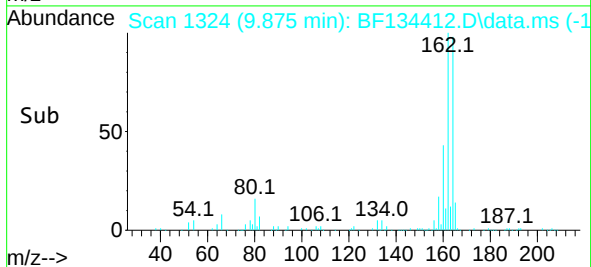
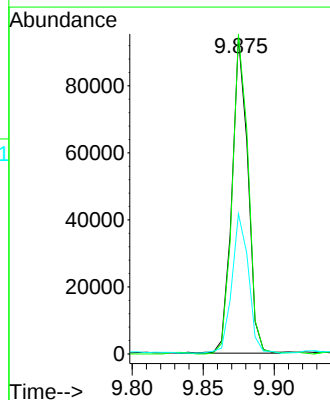
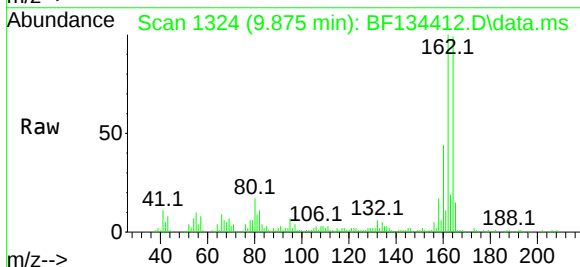
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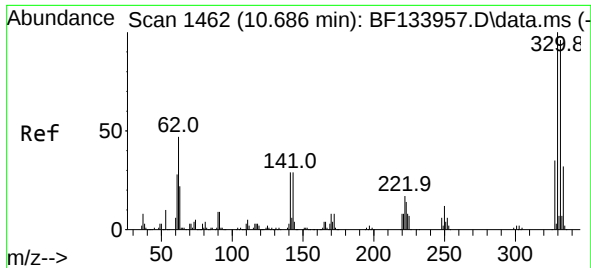
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Tgt Ion:164 Resp: 73563
Ion Ratio Lower Upper
164 100
162 101.0 80.0 120.0
160 44.3 35.9 53.9





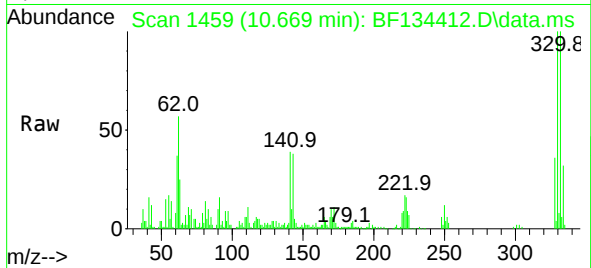
#42
2,4,6-Tribromophenol
Concen: 46.493 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

HR-2-071823



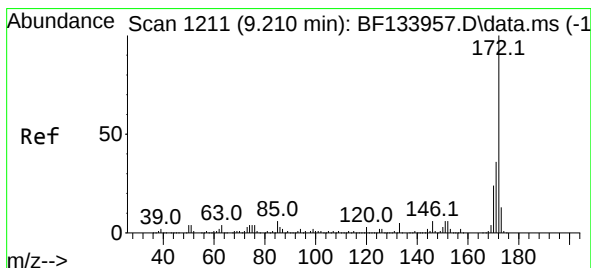
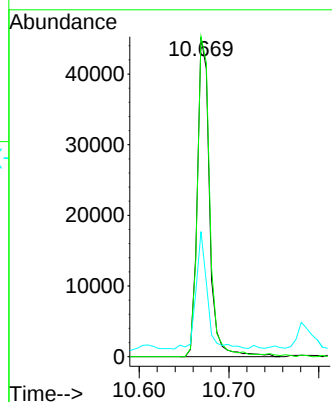
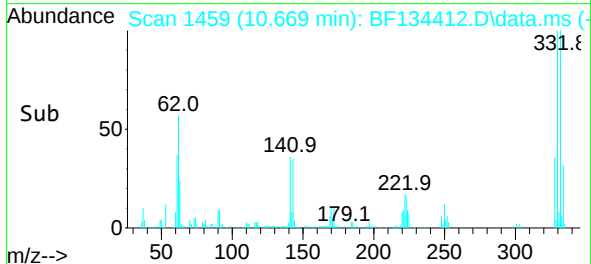
Tgt Ion: 330 Resp: 4288
Ion Ratio Lower Upper
330 100
332 101.3 77.0 115.6
141 33.3 26.3 39.5

Manual Integrations

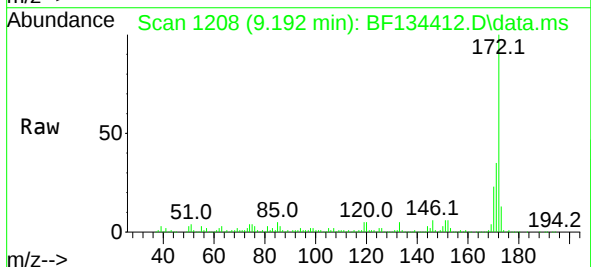
APPROVED

Reviewed By : Yogesh Patel 07/24/2023

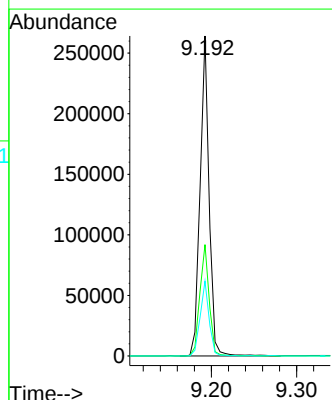
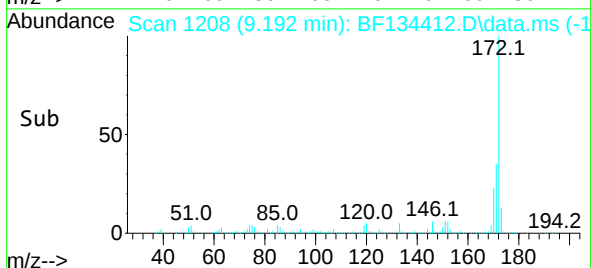
Supervised By : mohammad ahmed 07/24/2023

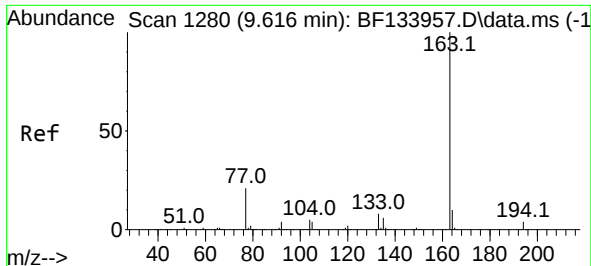


#45
2-Fluorobiphenyl
Concen: 38.481 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18



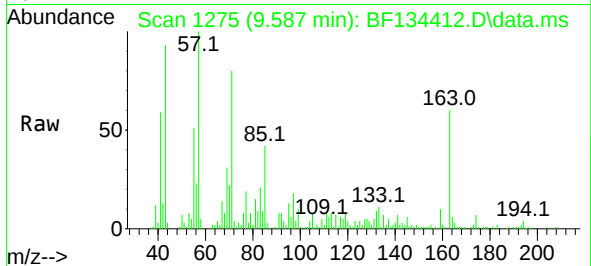
Tgt Ion: 172 Resp: 194701
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.4 19.4 29.0





#50
Dimethylphthalate
Concen: 4.061 ng
RT: 9.587 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

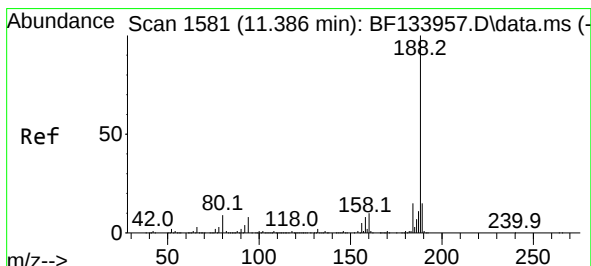
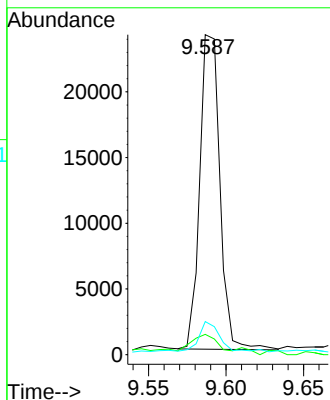
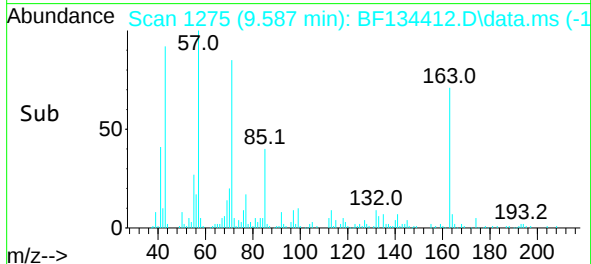
Instrument :
BNA_F
ClientSampleId :
HR-2-071823



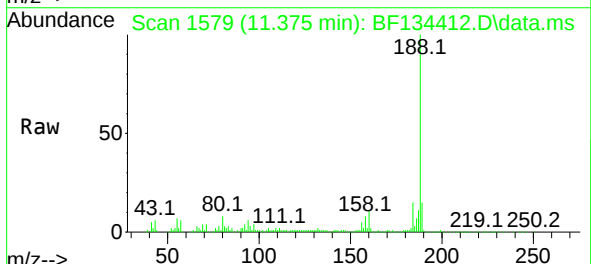
Tgt Ion:163 Resp: 21680
Ion Ratio Lower Upper
163 100
194 6.4 3.0 4.6
164 10.3 8.2 12.2

Manual Integrations
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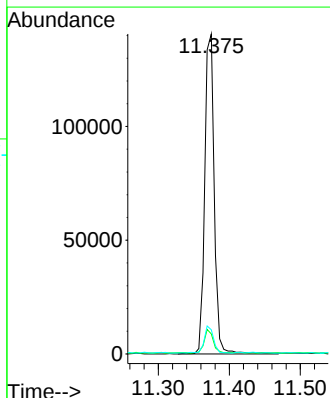
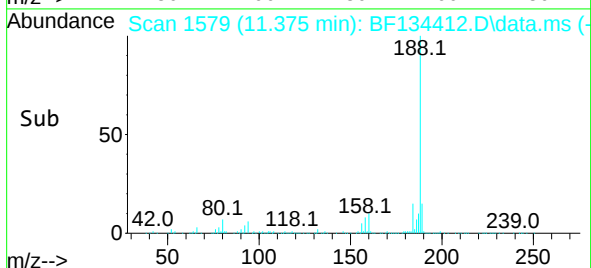
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

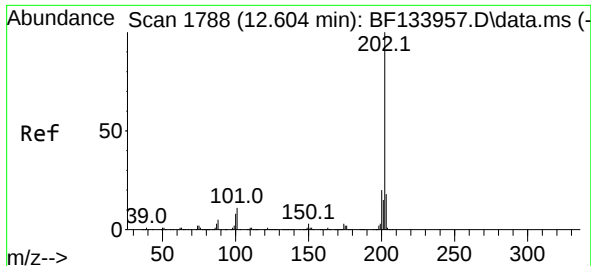


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18



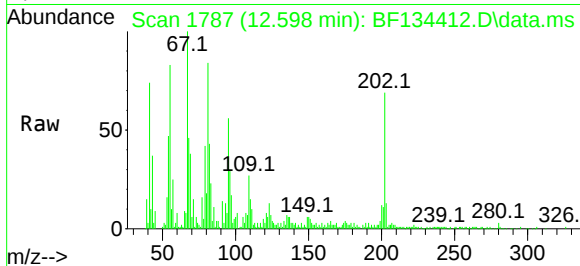
Tgt Ion:188 Resp: 131785
Ion Ratio Lower Upper
188 100
94 6.2 6.4 9.6
80 7.5 7.3 10.9





#75
Fluoranthene
Concen: 3.207 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

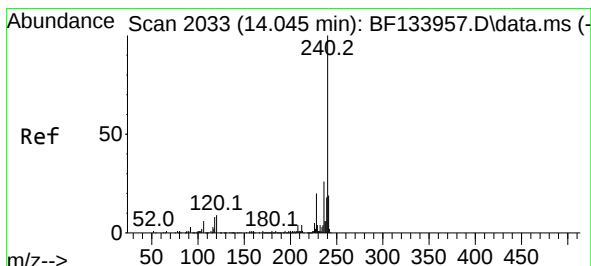
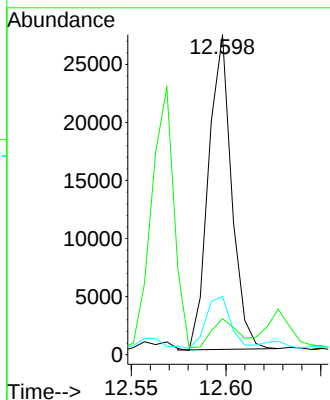
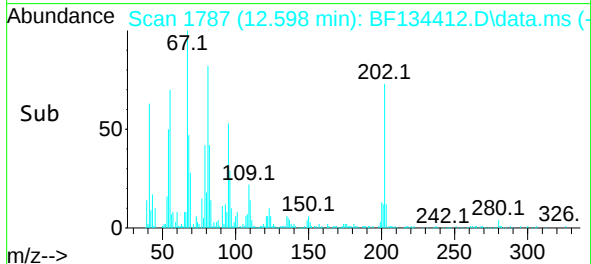
Instrument :
BNA_F
ClientSampleId :
HR-2-071823



Tgt Ion:202 Resp: 2300
Ion Ratio Lower Upper
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101 11.3 0.0 31.0
203 18.2 0.0 37.6

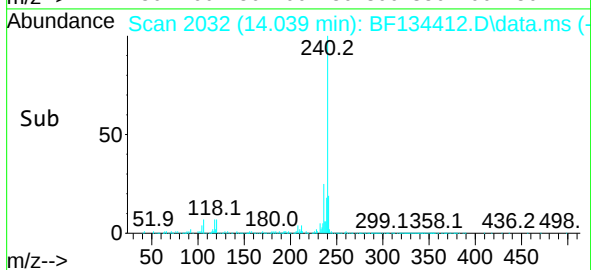
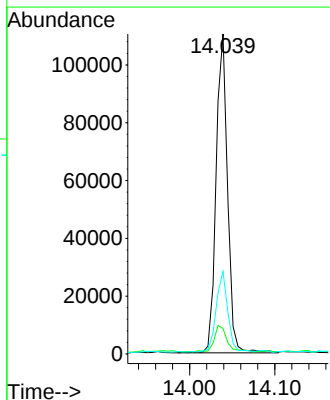
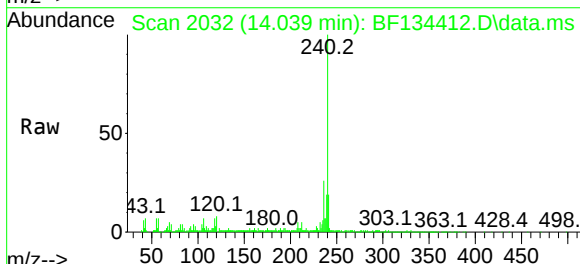
Manual Integrations
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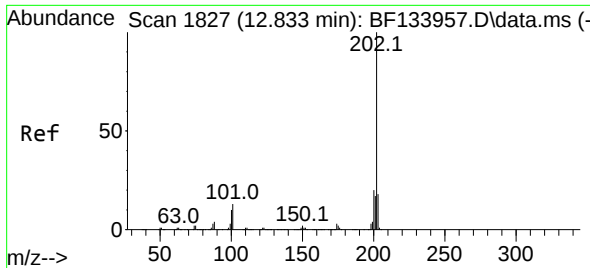
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

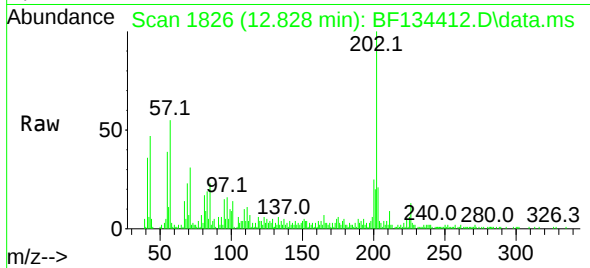
Tgt Ion:240 Resp: 103247
Ion Ratio Lower Upper
240 100
120 7.9 7.4 11.0
236 25.8 21.0 31.6





#78
 Pyrene
 Concen: 2.551 ng m
 RT: 12.828 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF134412.D
 Acq: 21 Jul 2023 21:18

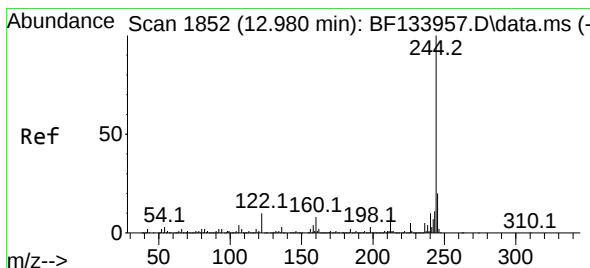
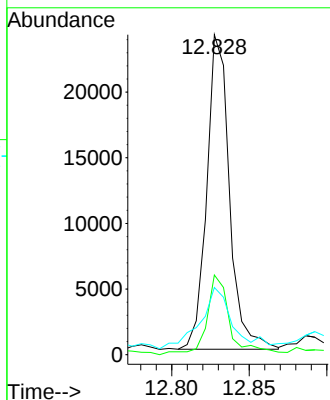
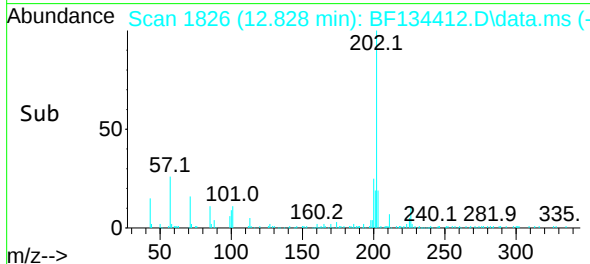
Instrument :
 BNA_F
 ClientSampleId :
 HR-2-071823



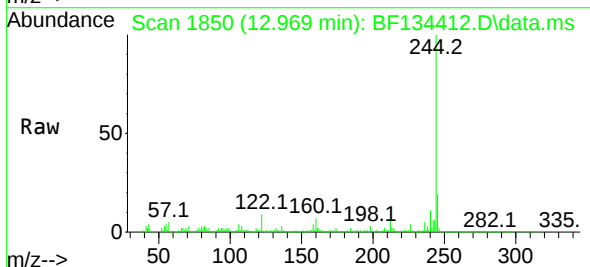
Tgt Ion:202 Resp: 2451
 Ion Ratio Lower Upper
 202 100
 200 24.9 16.1 24.1
 203 21.0 14.3 21.5

Manual Integrations
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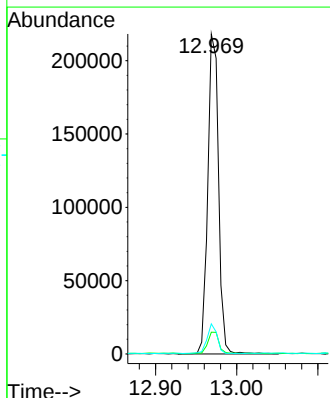
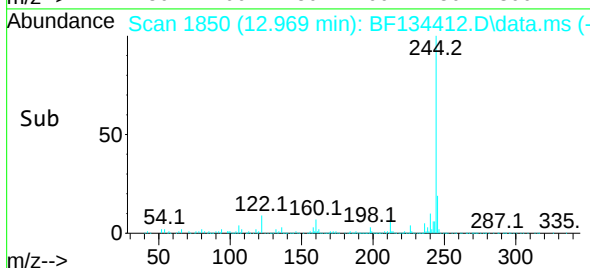
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

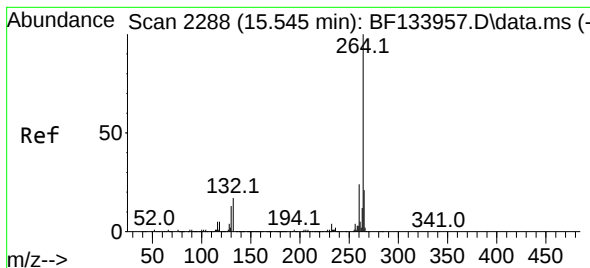


#79
 Terphenyl-d14
 Concen: 31.191 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134412.D
 Acq: 21 Jul 2023 21:18



Tgt Ion:244 Resp: 200095
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.4 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

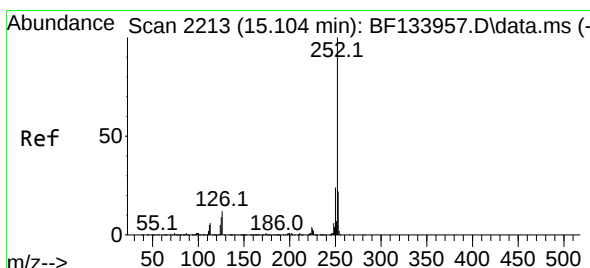
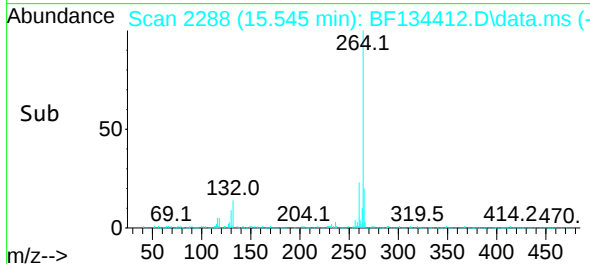
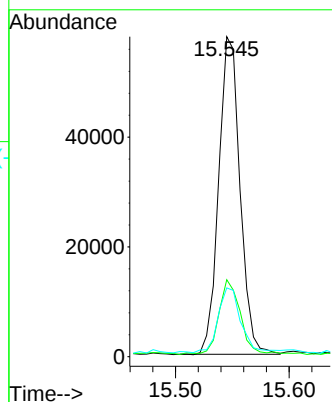
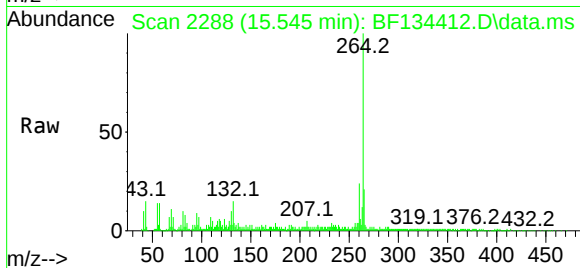
ClientSampleId :

HR-2-071823

Tgt Ion:264 Resp: 7560
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.5 16.6 25.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#88
Benzo(b)fluoranthene
Concen: 2.187 ng m
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Tgt Ion:252 Resp: 9722
Ion Ratio Lower Upper
252 100
253 49.1 17.4 26.0#
125 33.7 7.1 10.7#

