

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134399.D
 Acq On : 21 Jul 2023 13:58
 Operator : CG\JU
 Sample : 03638-31
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 14:47:35 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	6.834	152	58415	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	232572	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	118518	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	228647	20.000	ng	0.00
76) Chrysene-d12	14.033	240	153414	20.000	ng	0.00
86) Perylene-d12	15.539	264	126693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	235932	67.561	ng	0.00
7) Phenol-d6	6.475	99	299701	69.785	ng	-0.01
23) Nitrobenzene-d5	7.398	82	192307	44.573	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	107326	72.226	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	395434	48.509	ng	-0.01
79) Terphenyl-d14	12.963	244	452755	47.497	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.592	202	37105	2.982	ng	94
78) Pyrene	12.821	202	31168	2.183	ng	98
88) Benzo(b)fluoranthene	15.092	252	16147m	2.167	ng	

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

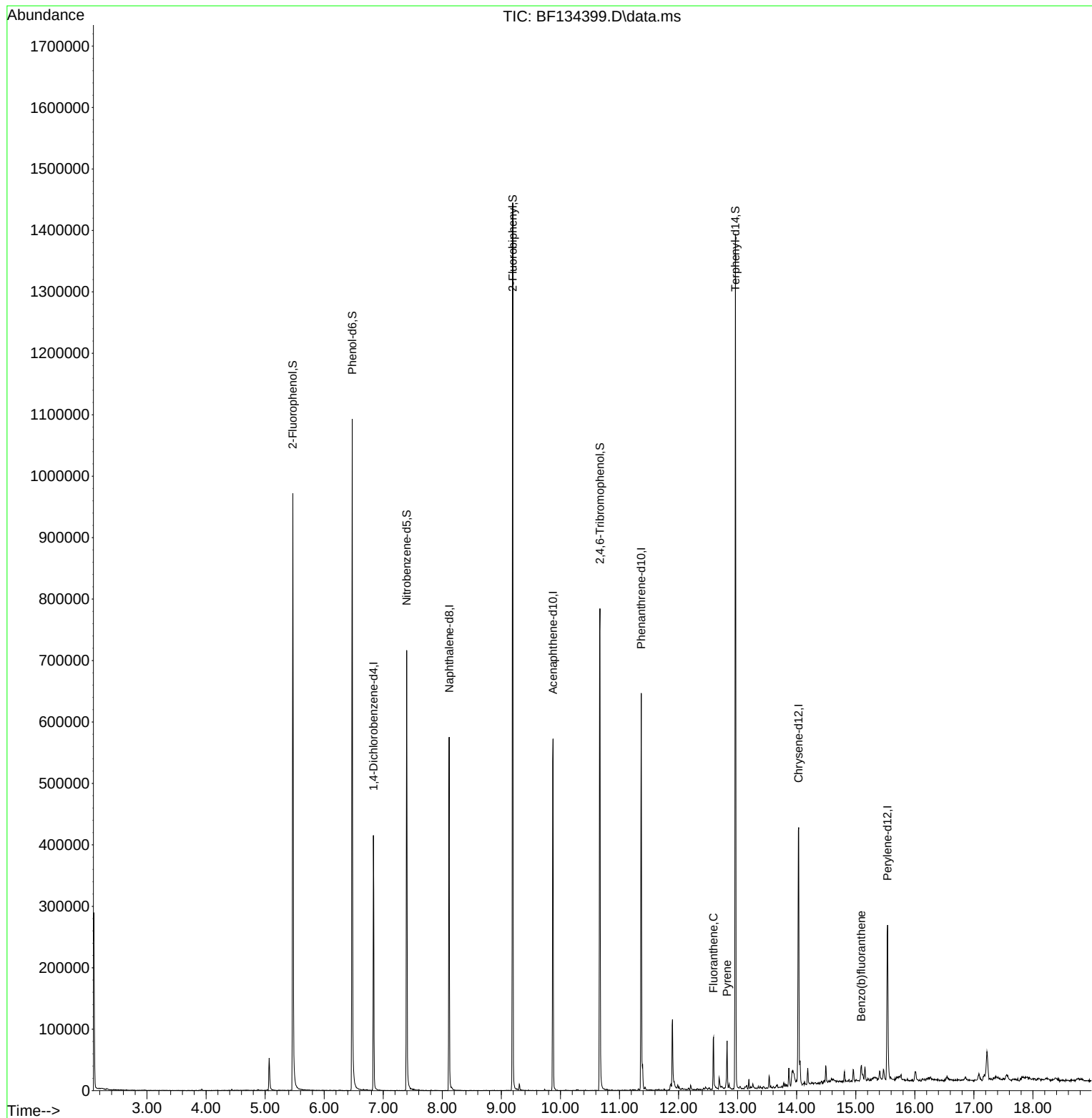
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134399.D
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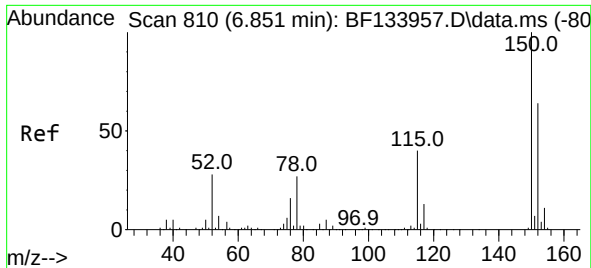
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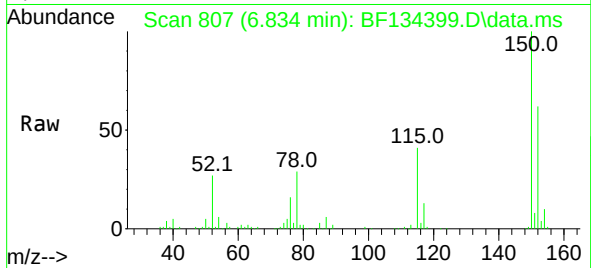
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58

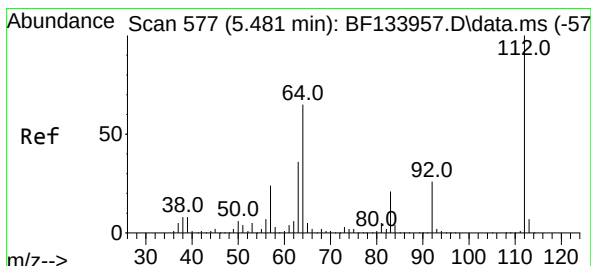
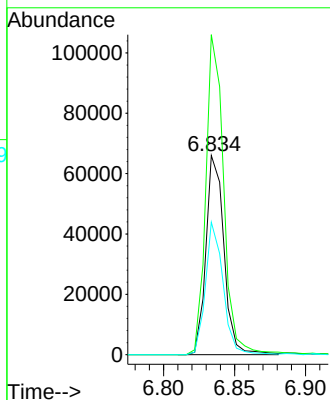
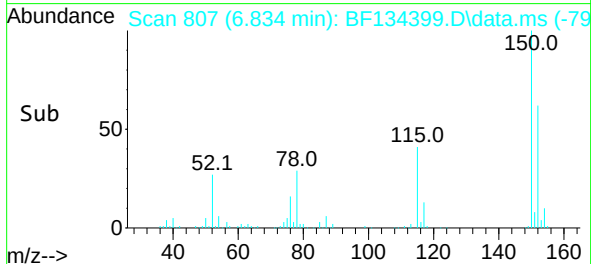
Instrument :
BNA_F
ClientSampleId :
TP7



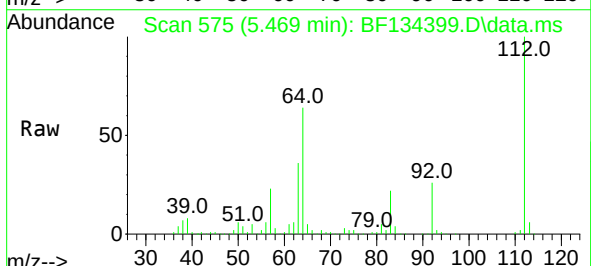
Tgt Ion:152 Resp: 5841
Ion Ratio Lower Upper
152 100
150 160.6 124.5 186.7
115 66.5 50.2 75.2

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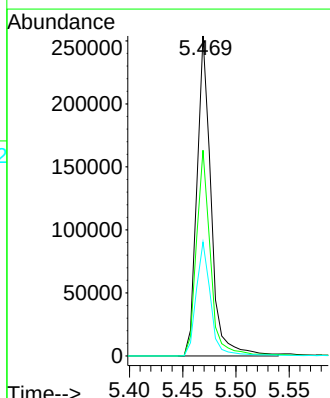
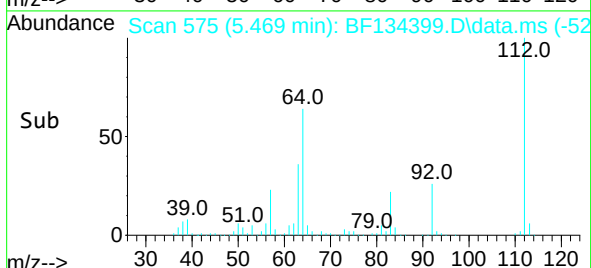
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

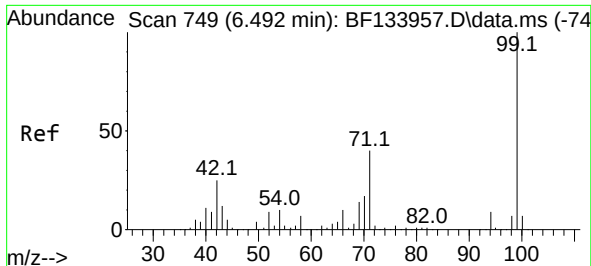


#5
2-Fluorophenol
Concen: 67.561 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58



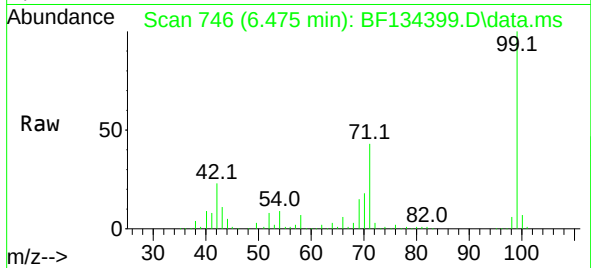
Tgt Ion:112 Resp: 235932
Ion Ratio Lower Upper
112 100
64 64.3 52.1 78.1
63 35.6 28.6 42.8





#7
Phenol-d6
Concen: 69.785 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58

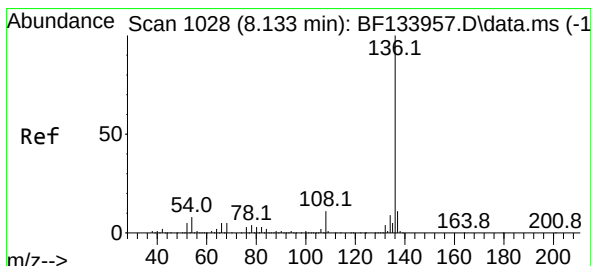
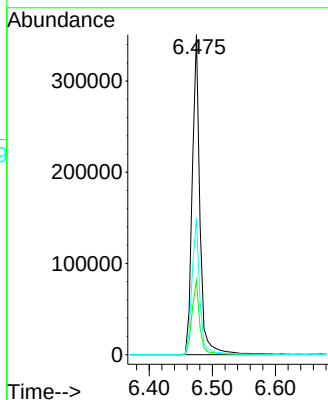
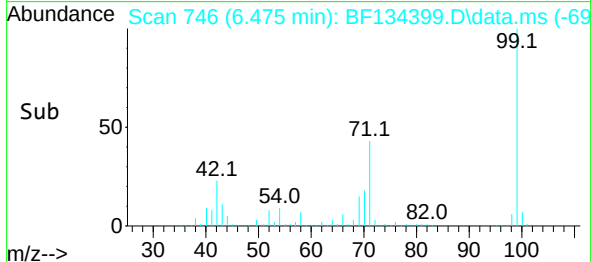
Instrument :
BNA_F
ClientSampleId :
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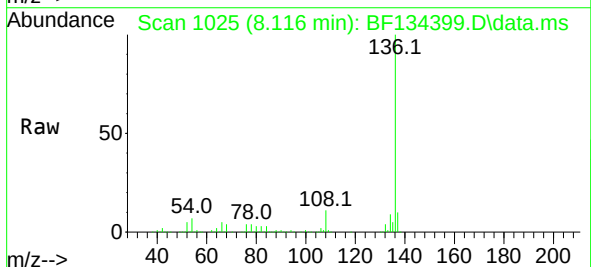
Tgt Ion: 99 Resp: 29970
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 42.6 31.9 47.9

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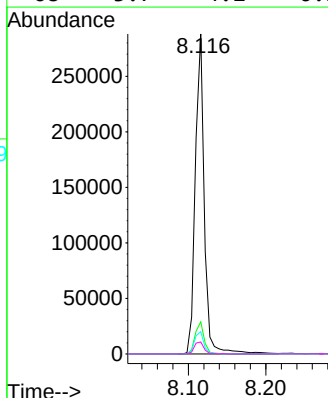
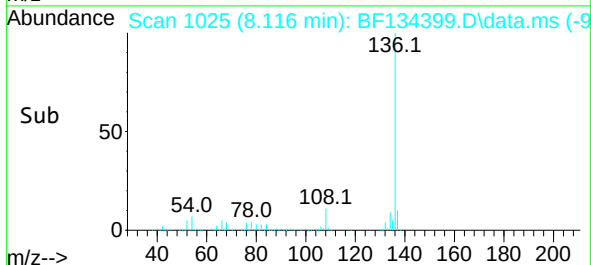
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

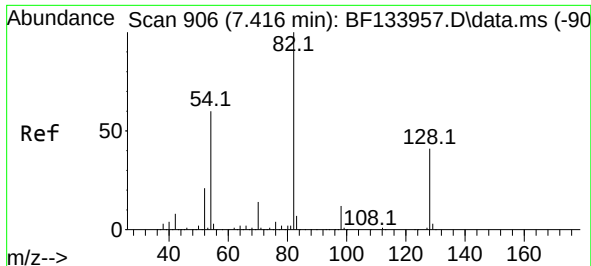


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58



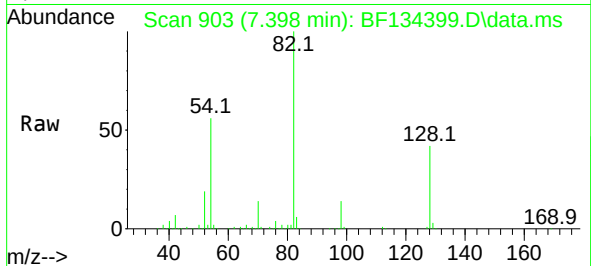
Tgt Ion:136 Resp: 232572
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 7.0 6.5 9.7
68 3.7 4.2 6.2#





#23
Nitrobenzene-d5
Concen: 44.573 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58

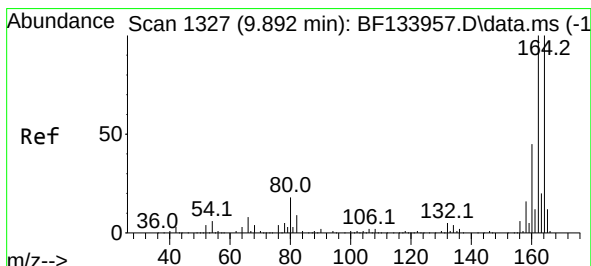
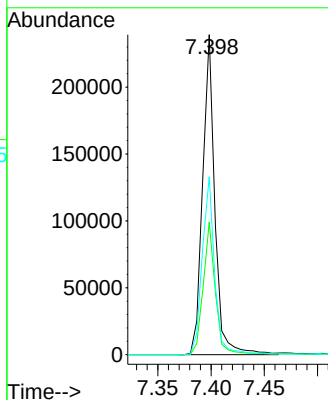
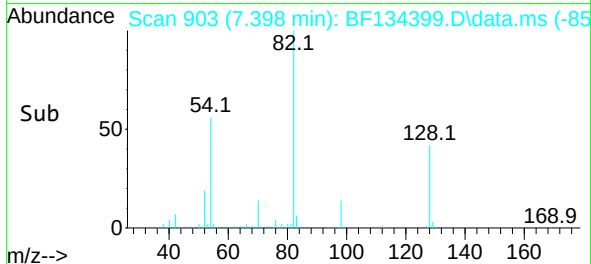
Instrument :
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ClientSampleId :
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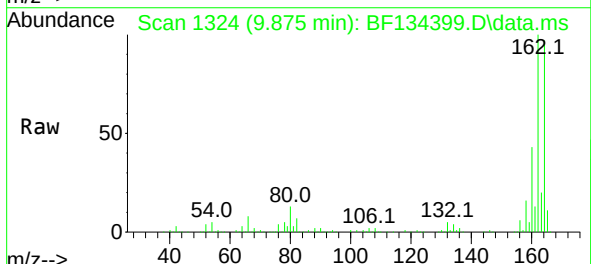
Tgt Ion: 82 Resp: 192307
Ion Ratio Lower Upper
82 100
128 41.5 32.5 48.7
54 55.6 48.2 72.2

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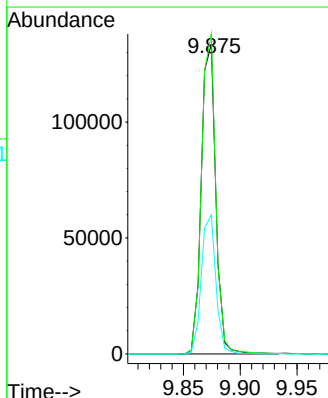
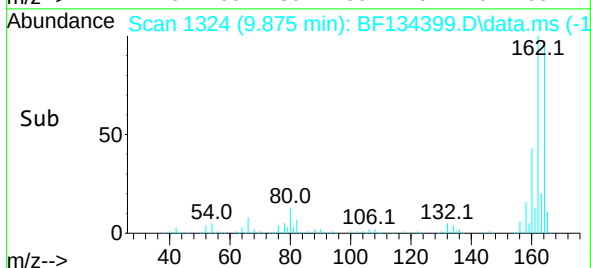
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

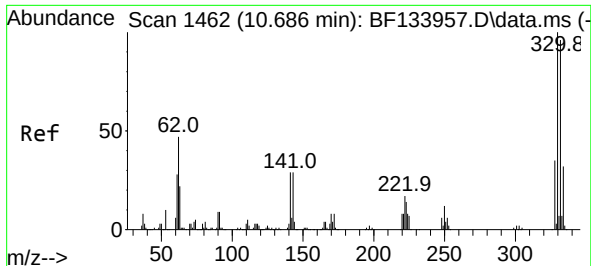


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58



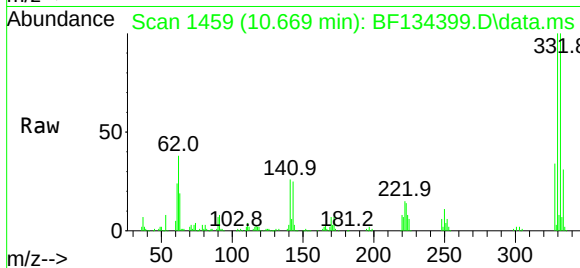
Tgt Ion:164 Resp: 118518
Ion Ratio Lower Upper
164 100
162 103.3 80.0 120.0
160 44.9 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 72.226 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58

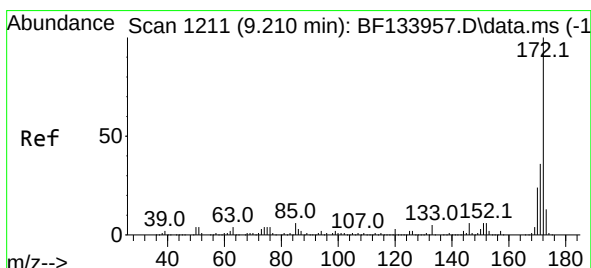
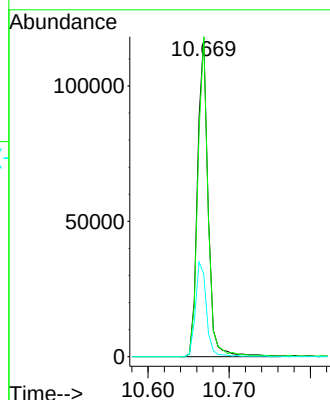
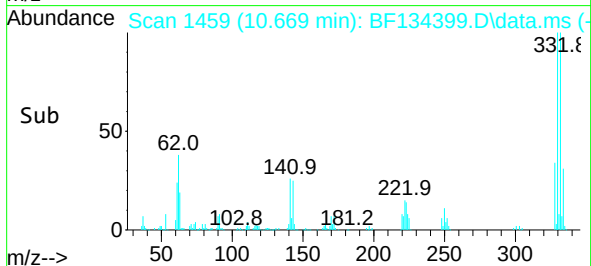
Instrument :
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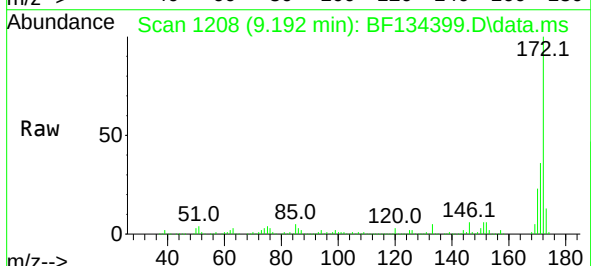
Tgt Ion: 330 Resp: 107320
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 30.8 26.3 39.5

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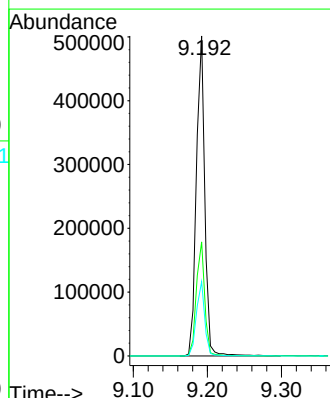
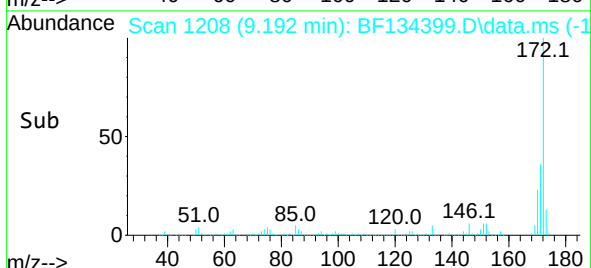
Reviewed By : Yogesh Patel 07/24/2023
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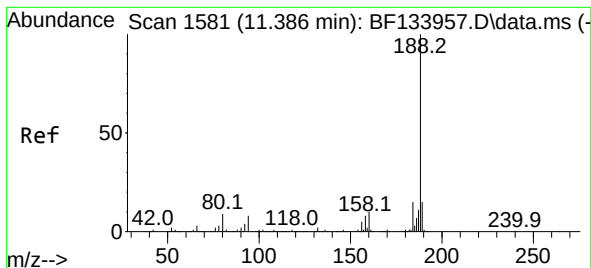


#45
2-Fluorobiphenyl
Concen: 48.509 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58



Tgt Ion: 172 Resp: 395434
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134399.D

Acq: 21 Jul 2023 13:58

Instrument :

BNA_F

ClientSampleId :

TP7

Tgt Ion:188 Resp: 22864

Ion Ratio Lower Upper

188 100

94 6.9 6.4 9.6

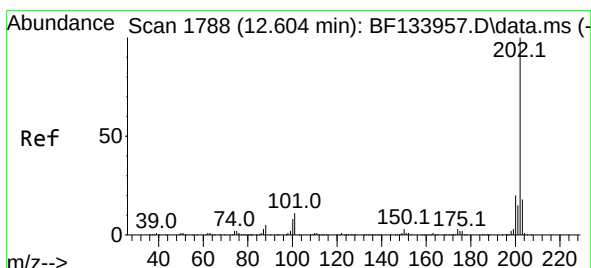
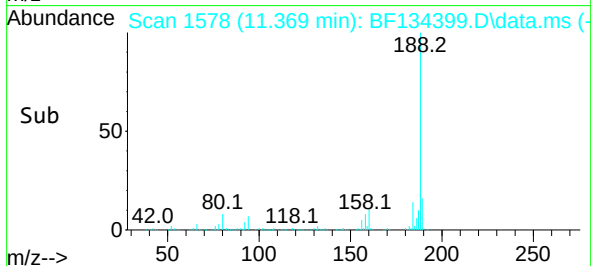
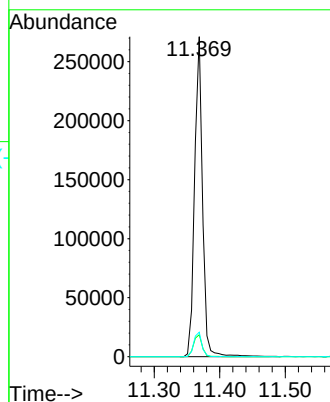
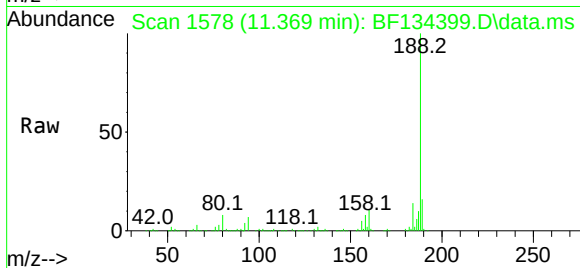
80 7.7 7.3 10.9

Manual Integrations

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#75

Fluoranthene

Concen: 2.982 ng

RT: 12.592 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF134399.D

Acq: 21 Jul 2023 13:58

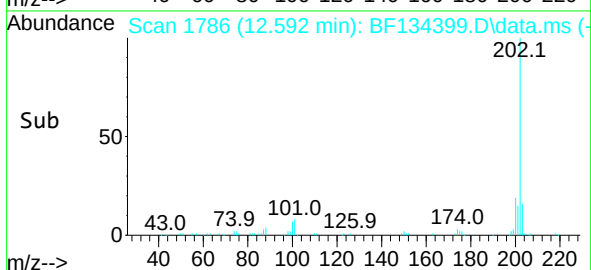
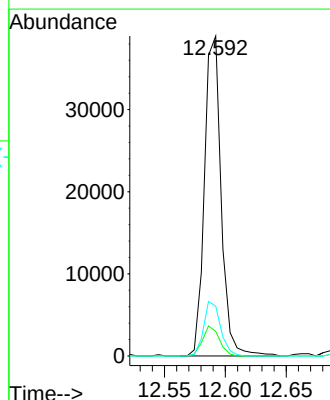
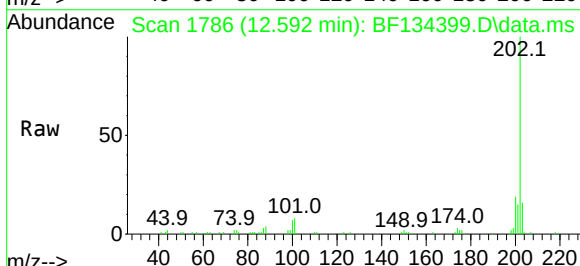
Tgt Ion:202 Resp: 37105

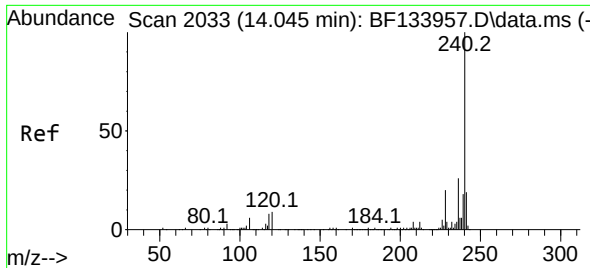
Ion Ratio Lower Upper

202 100

101 7.7 0.0 31.0

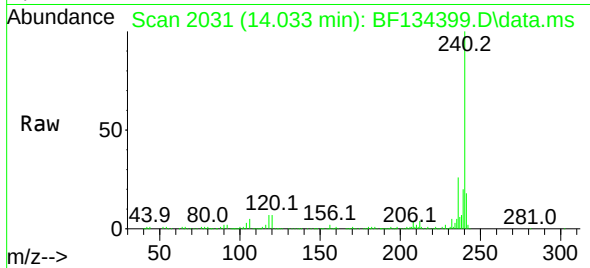
203 15.6 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58

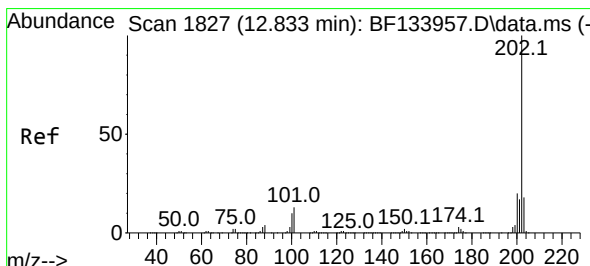
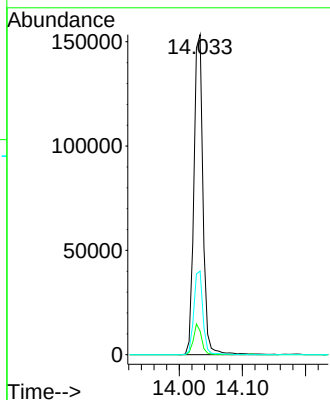
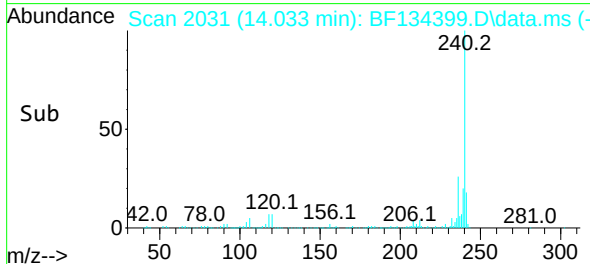
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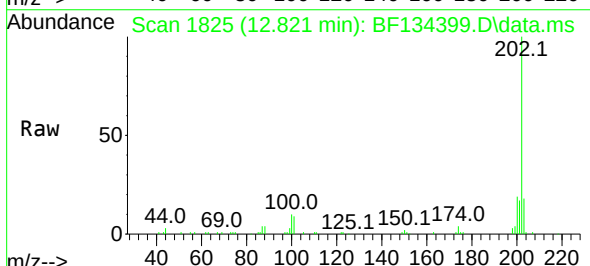
Tgt Ion:240 Resp: 153414
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 26.1 21.0 31.6

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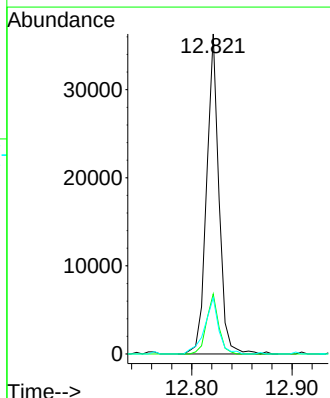
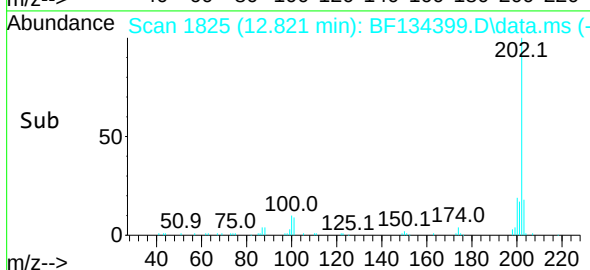
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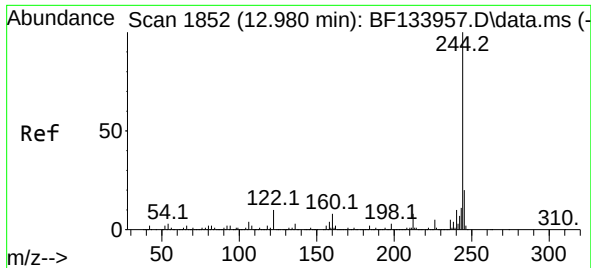


#78
Pyrene
Concen: 2.183 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58



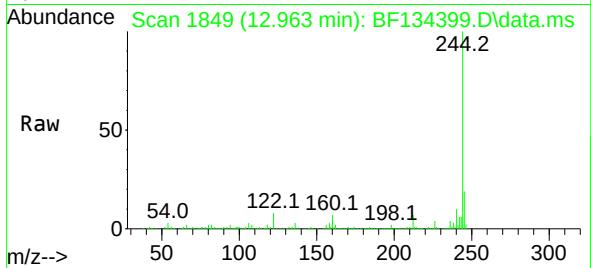
Tgt Ion:202 Resp: 31168
Ion Ratio Lower Upper
202 100
200 18.8 16.1 24.1
203 17.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 47.497 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF134399.D
 Acq: 21 Jul 2023 13:58

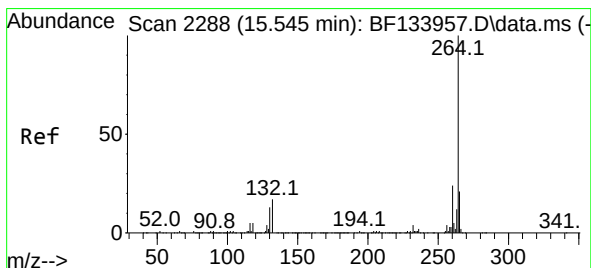
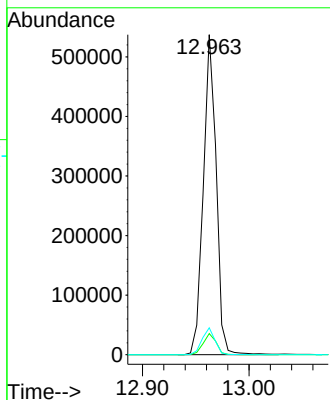
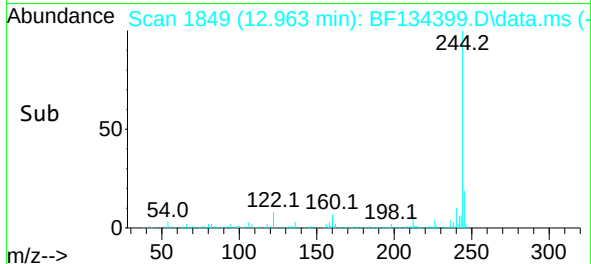
Instrument :
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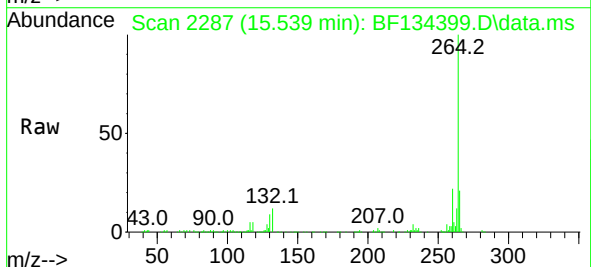
Tgt Ion:244 Resp: 45275
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 8.4 8.3 12.5

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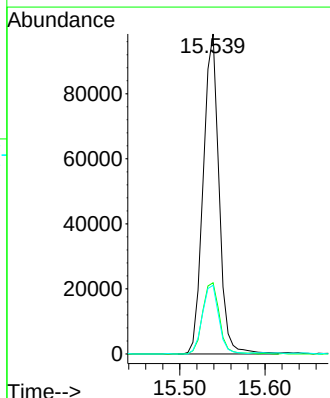
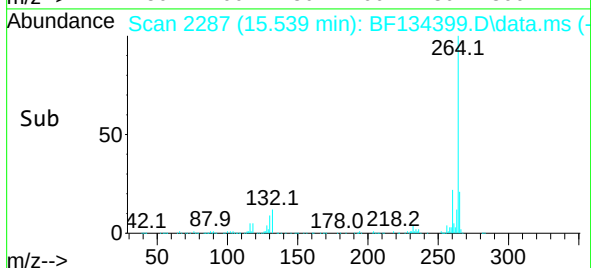
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

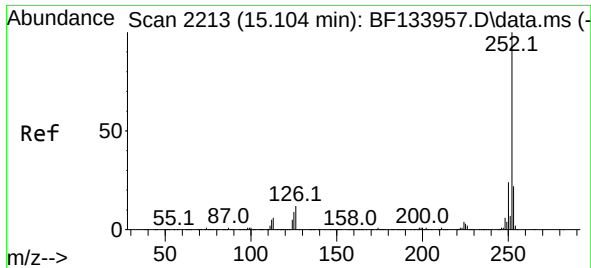


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134399.D
 Acq: 21 Jul 2023 13:58



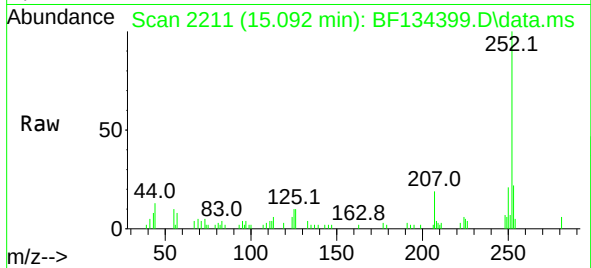
Tgt Ion:264 Resp: 126693
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 21.4 16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 2.167 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134399.D
Acq: 21 Jul 2023 13:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:252 Resp: 1614
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.2 7.1 10.7

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