

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134562.D
 Acq On : 01 Aug 2023 22:34
 Operator : CG\JU
 Sample : 03741-14RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P13ARE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 02:46:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	186101	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	745371	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	373539	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	629035	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	384494	20.000	ng	#-0.01
86) Perylene-d12	15.409	264	388740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1068032	87.238	ng	0.00
7) Phenol-d6	6.422	99	1383037	88.373	ng	0.00
23) Nitrobenzene-d5	7.351	82	794890	66.644	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	333951	87.700	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1390066	61.875	ng	0.00
79) Terphenyl-d14	12.904	244	1290115	59.150	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.539	163	92680	3.640	ng	97
88) Benzo(b)fluoranthene	14.980	252	68838m	2.903	ng	
90) Benzo(a)pyrene	15.345	252	46695	2.112	ng	# 92

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

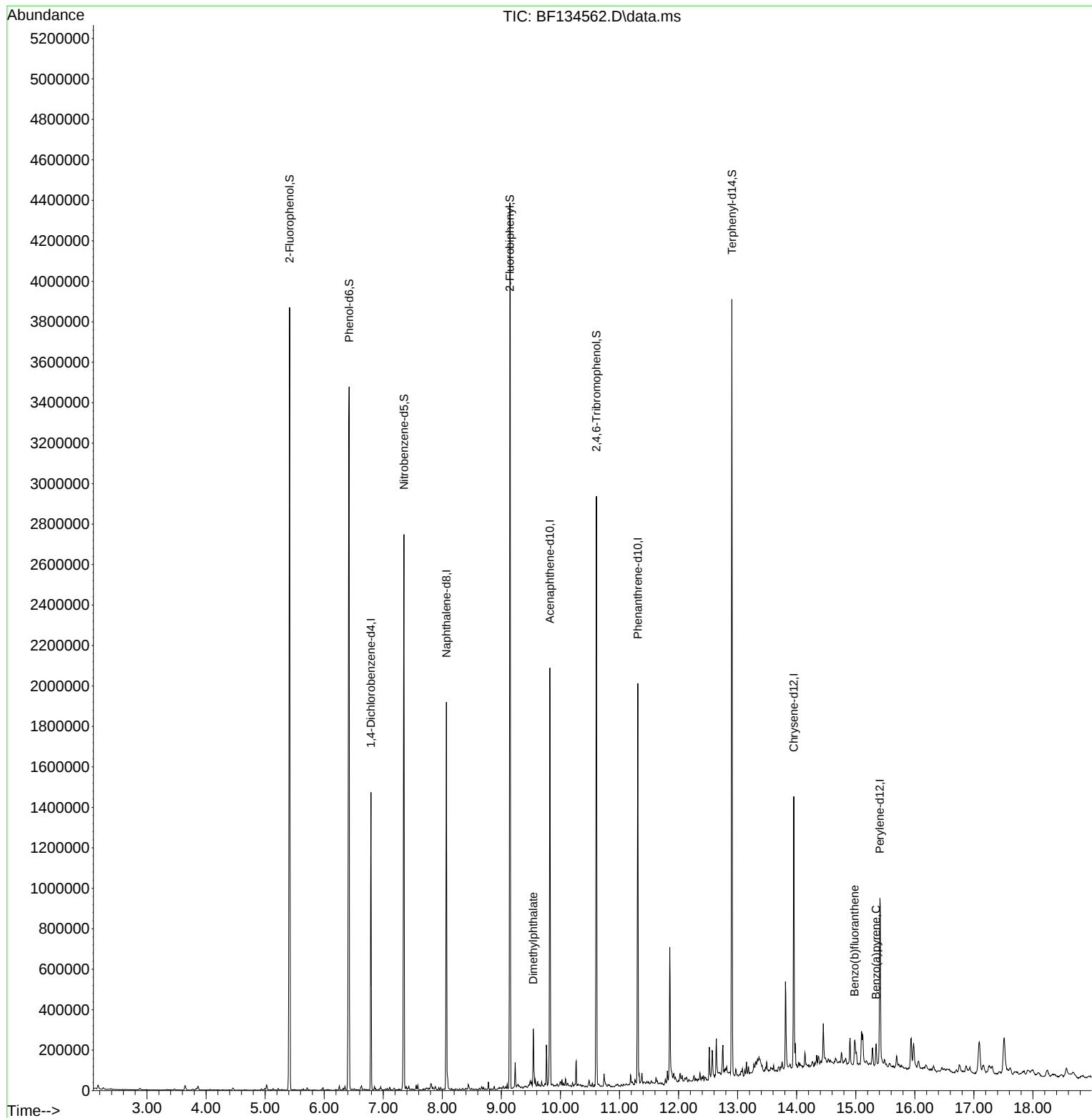
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134562.D
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ALS Vial : 17 Sample Multiplier: 1

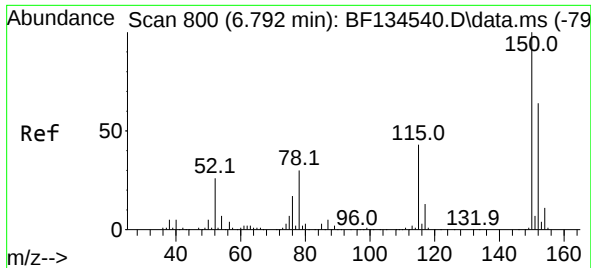
Instrument :
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Quant Time: Aug 02 02:46:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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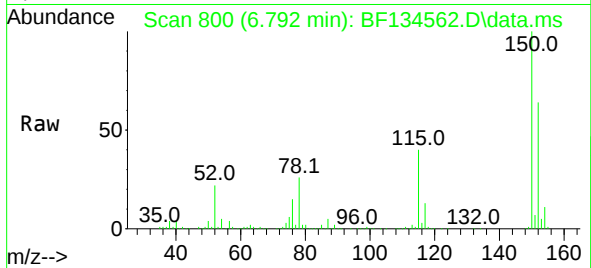
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34

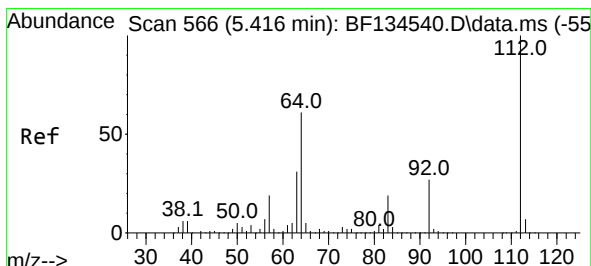
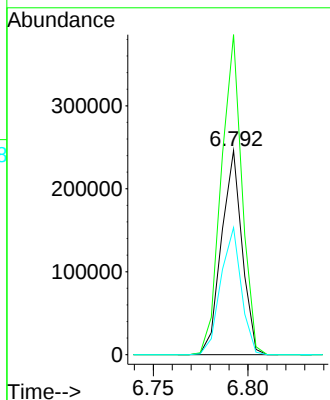
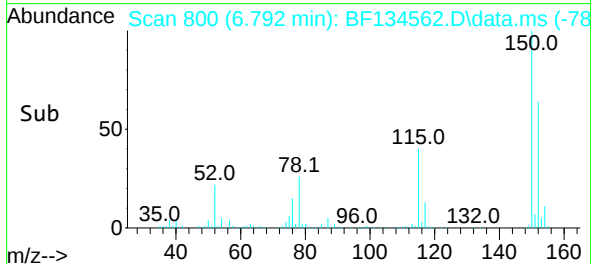
Instrument :
BNA_F
ClientSampleId :
B-P13ARE



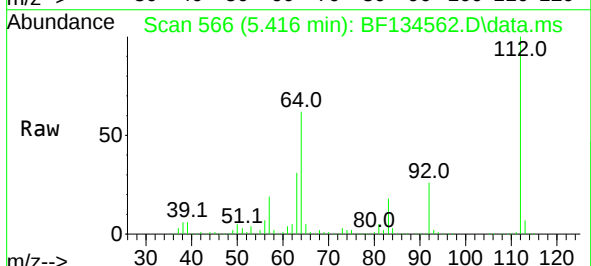
Tgt Ion:152 Resp: 18610
Ion Ratio Lower Upper
152 100
150 156.8 128.3 192.5
115 62.3 52.4 78.6

Manual Integrations
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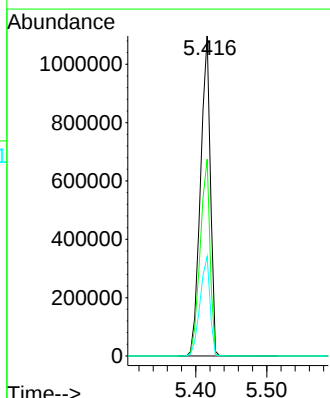
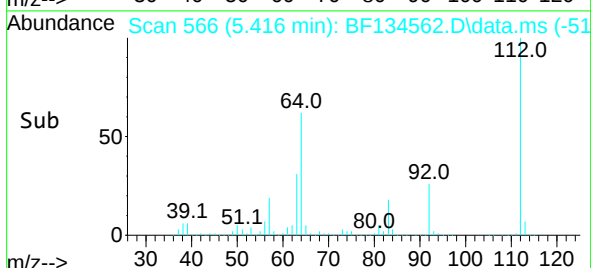
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

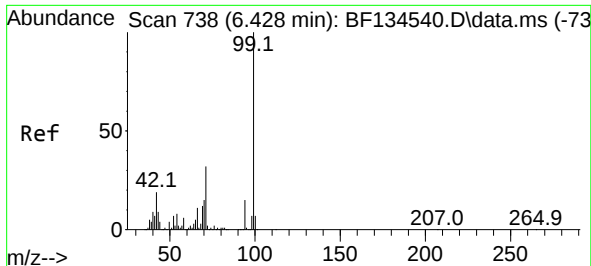


#5
2-Fluorophenol
Concen: 87.238 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34



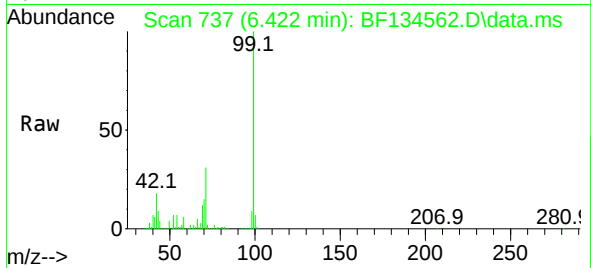
Tgt Ion:112 Resp: 1068032
Ion Ratio Lower Upper
112 100
64 61.5 44.9 67.3
63 31.1 25.4 38.0





#7
Phenol-d6
Concen: 88.373 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34

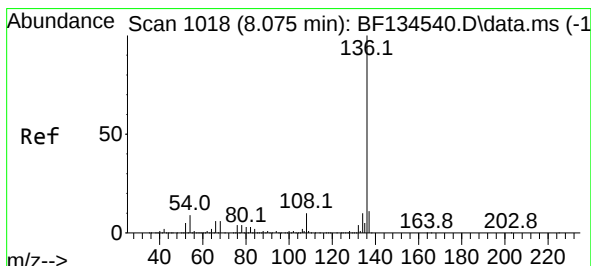
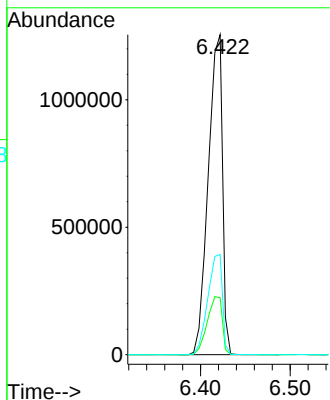
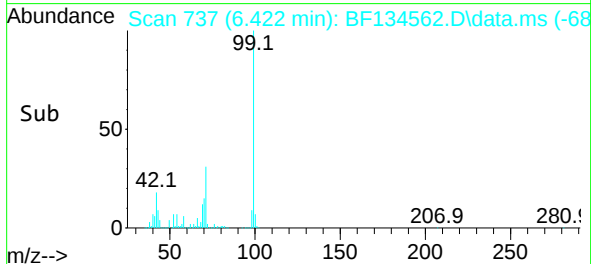
Instrument :
BNA_F
ClientSampleId :
B-P13ARE



Tgt Ion: 99 Resp: 138303
Ion Ratio Lower Upper
99 100
42 17.8 18.7 28.1
71 31.3 36.4 54.6

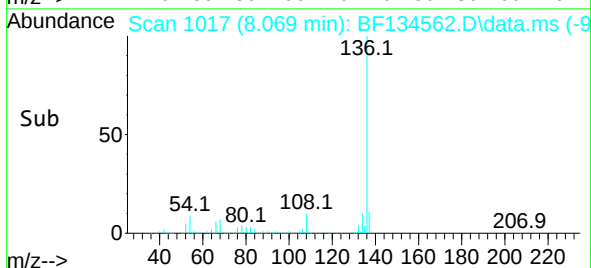
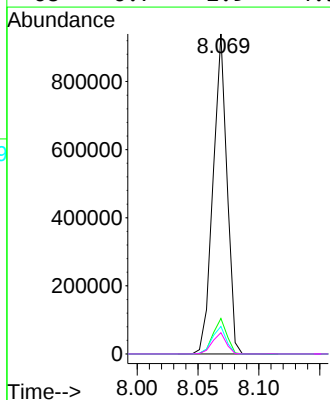
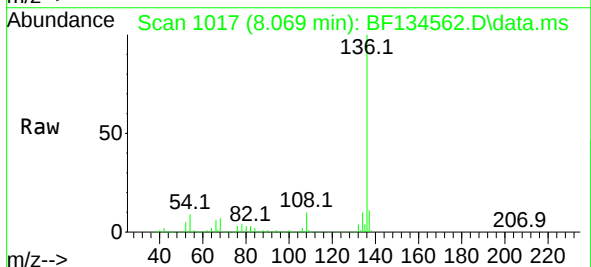
Manual Integrations
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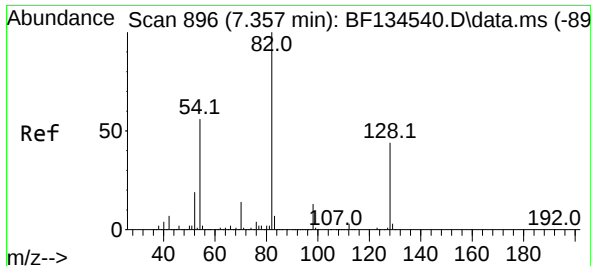
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34

Tgt Ion:136 Resp: 745371
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 66.644 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134562.D

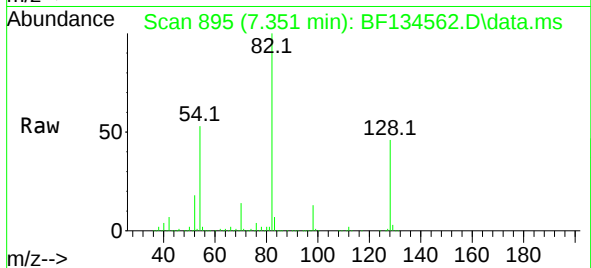
Acq: 01 Aug 2023 22:34

Instrument :

BNA_F

ClientSampleId :

B-P13ARE



Tgt Ion: 82 Resp: 794890

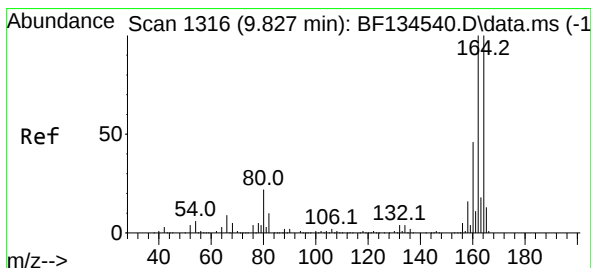
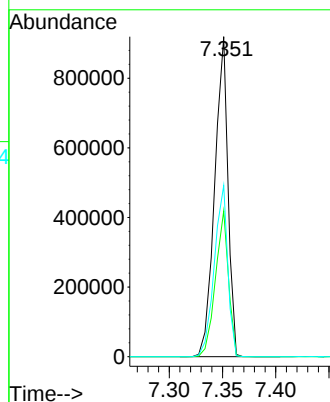
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.3	51.5
54	53.5	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/02/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

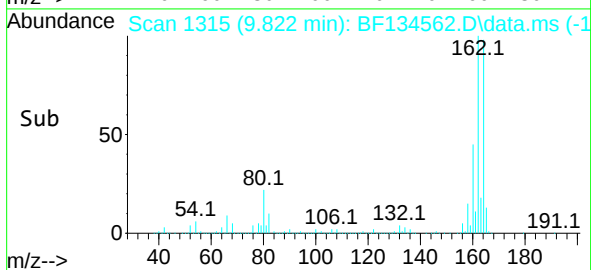
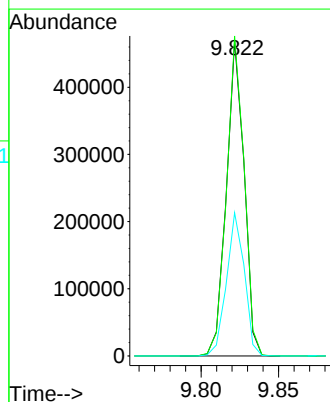
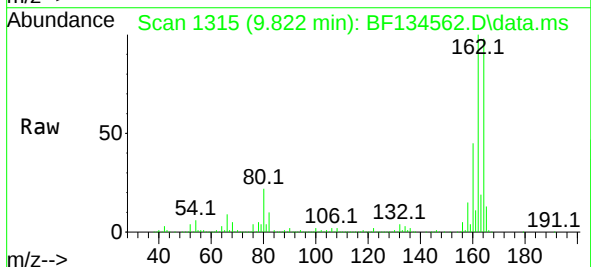
Delta R.T. -0.006 min

Lab File: BF134562.D

Acq: 01 Aug 2023 22:34

Tgt Ion:164 Resp: 373539

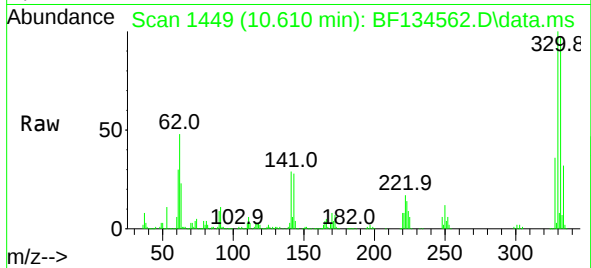
Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	45.5	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 87.700 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34

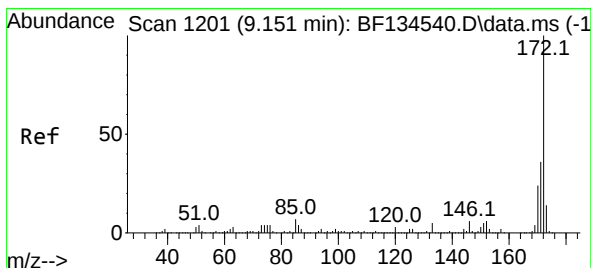
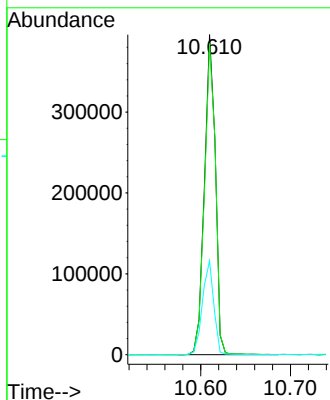
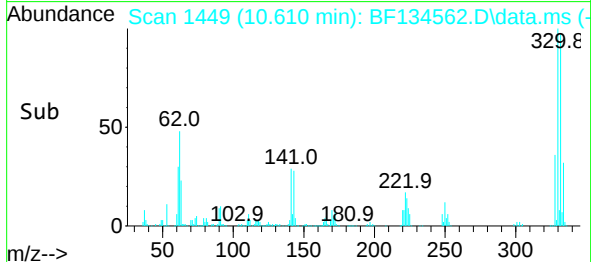
Instrument :
BNA_F
ClientSampleId :
B-P13ARE



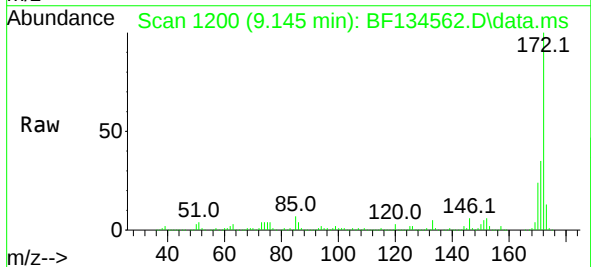
Tgt Ion: 330 Resp: 33395
Ion Ratio Lower Upper
330 100
332 98.0 78.8 118.2
141 30.6 25.4 38.2

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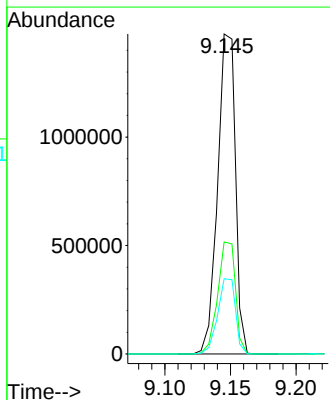
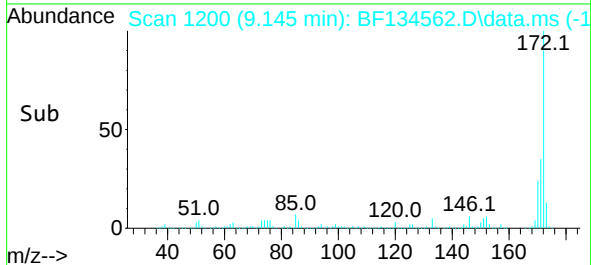
Reviewed By : Yogesh Patel 08/02/2023
Supervised By : mohammad ahmed 08/02/2023

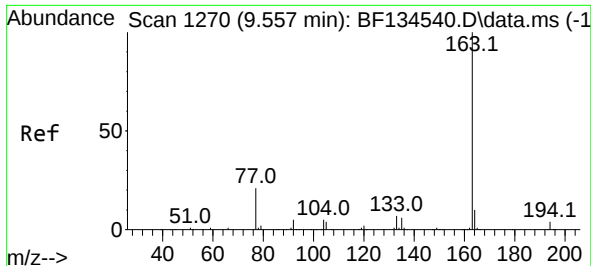


#45
2-Fluorobiphenyl
Concen: 61.875 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34



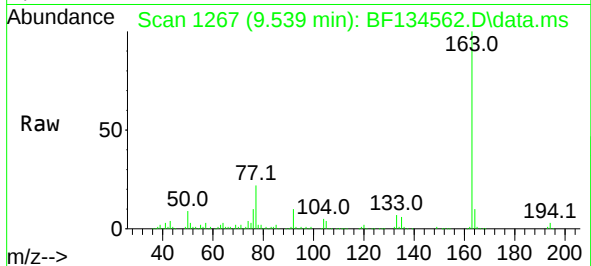
Tgt Ion: 172 Resp: 1390066
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.5 18.7 28.1





#50
Dimethylphthalate
Concen: 3.640 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34

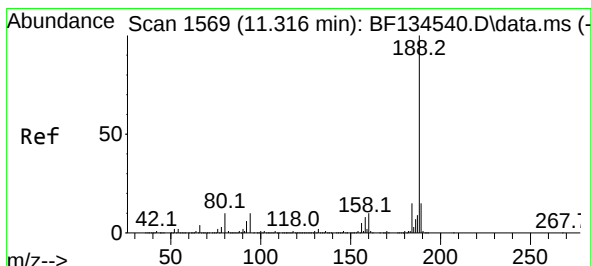
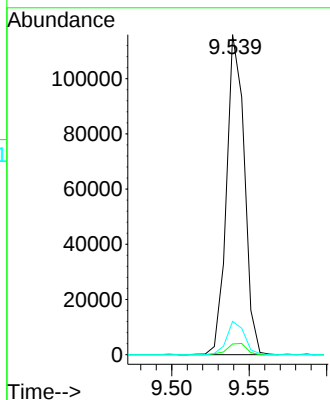
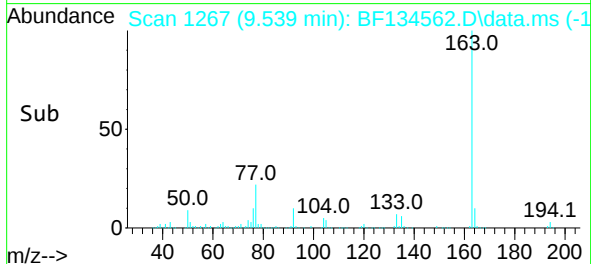
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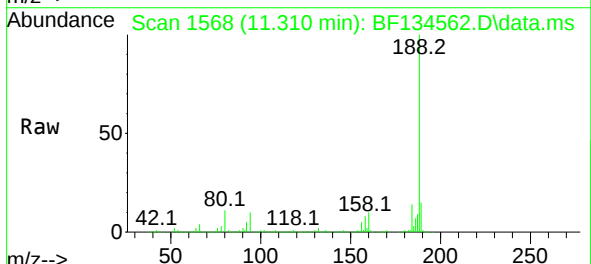
Tgt Ion:163 Resp: 92680
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 10.4 7.5 11.3

Manual Integrations
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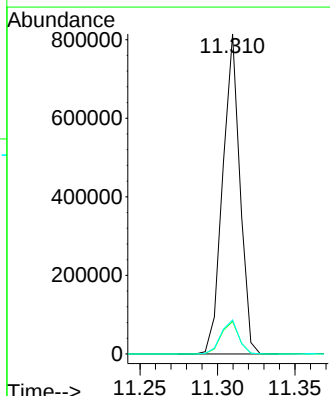
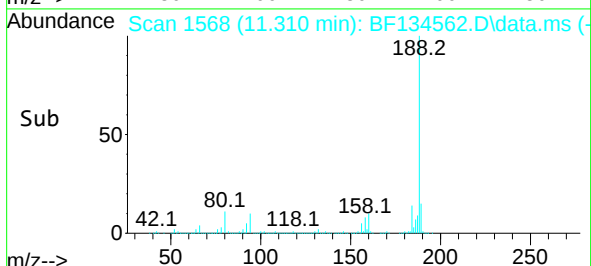
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

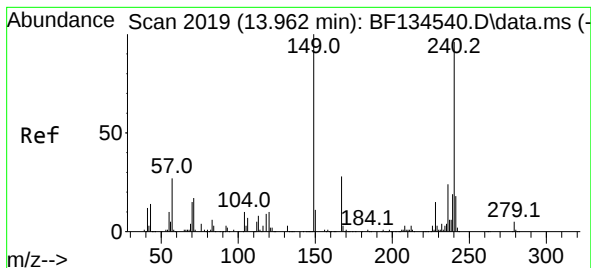


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34



Tgt Ion:188 Resp: 629035
Ion Ratio Lower Upper
188 100
94 10.2 5.1 7.7#
80 10.6 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134562.D

Acq: 01 Aug 2023 22:34

Instrument :

BNA_F

ClientSampleId :

B-P13ARE

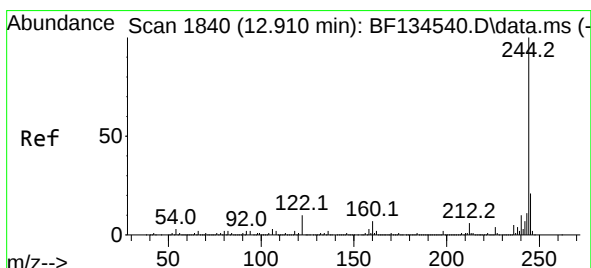
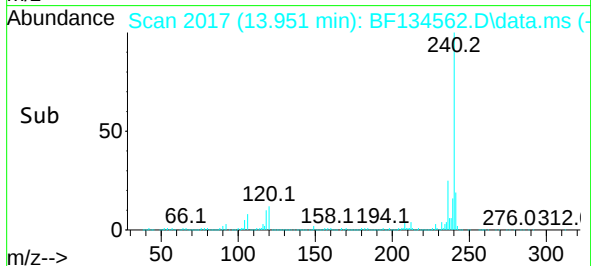
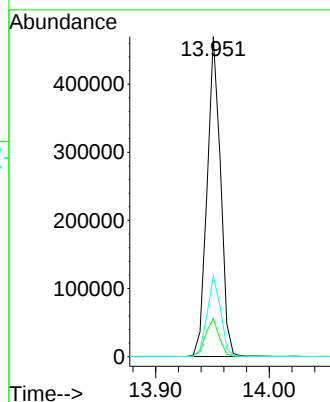
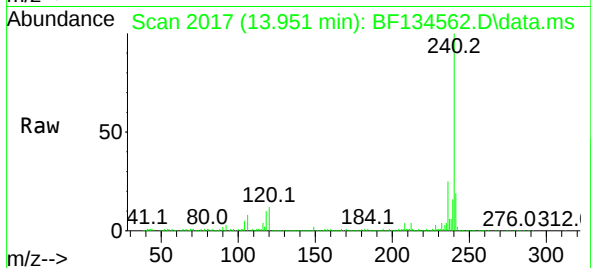
Tgt Ion:240 Resp: 384494
 Ion Ratio Lower Upper
 240 100
 120 11.9 6.6 10.0
 236 25.1 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#79

Terphenyl-d14

Concen: 59.150 ng

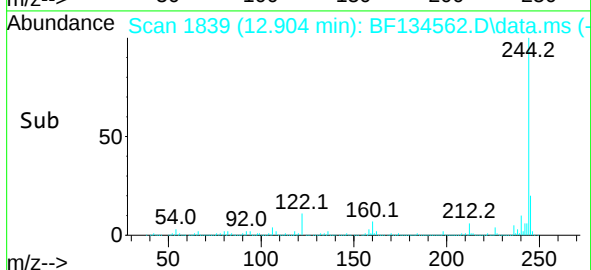
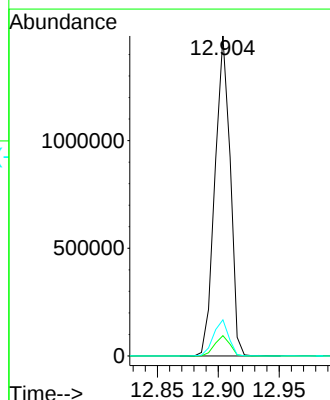
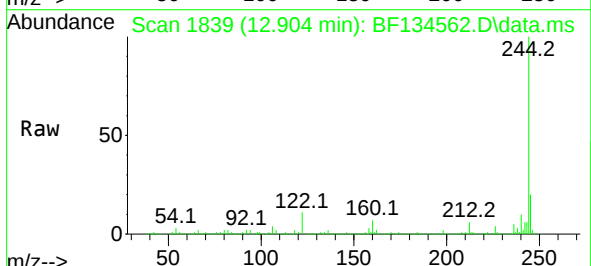
RT: 12.904 min Scan# 1839

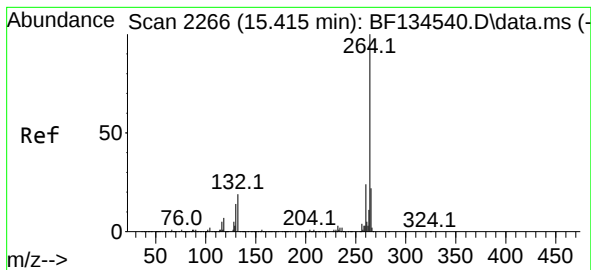
Delta R.T. -0.006 min

Lab File: BF134562.D

Acq: 01 Aug 2023 22:34

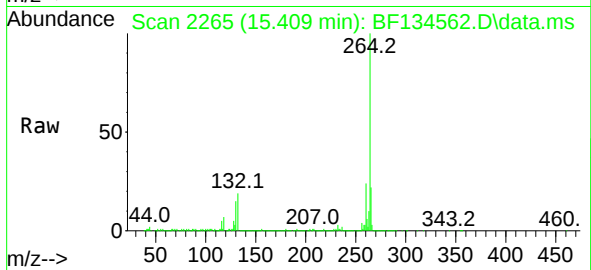
Tgt Ion:244 Resp: 1290115
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2192
 Delta R.T. -0.006 min
 Lab File: BF134562.D
 Acq: 01 Aug 2023 22:34

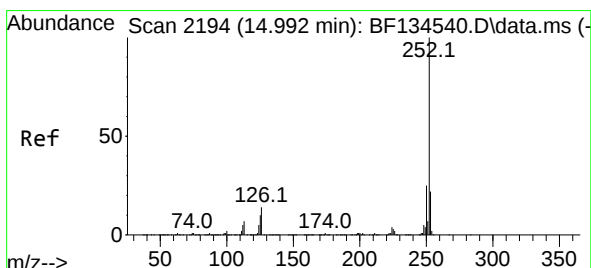
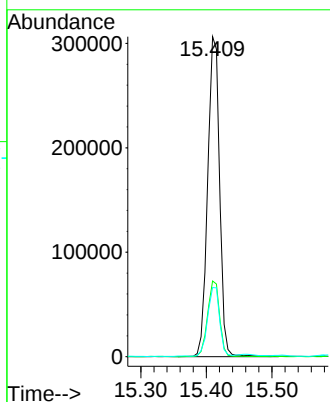
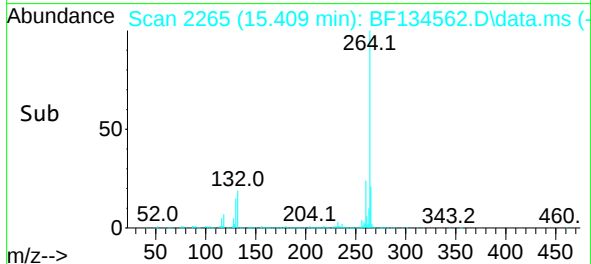
Instrument :
 BNA_F
 ClientSampleId :
 B-P13ARE



Tgt Ion:264 Resp: 388740
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 15.8 23.8

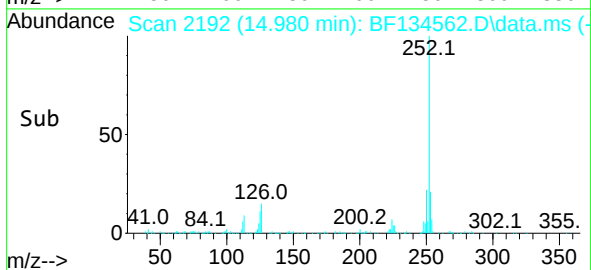
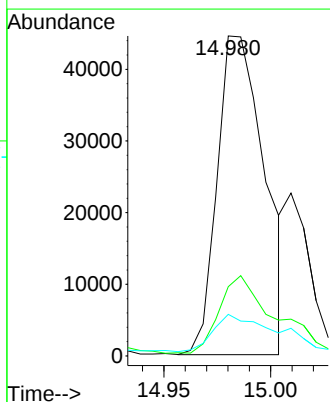
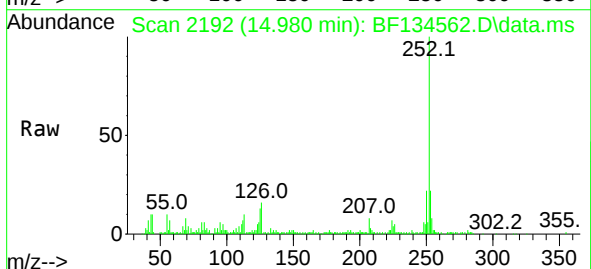
Manual Integrations
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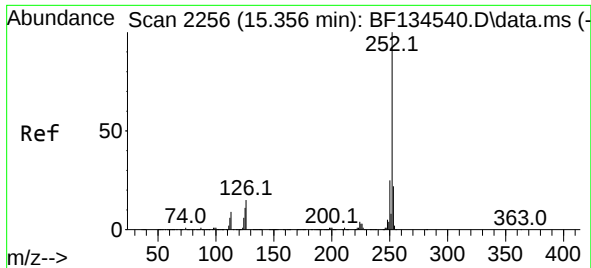
Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023



#88
 Benzo(b)fluoranthene
 Concen: 2.903 ng m
 RT: 14.980 min Scan# 2192
 Delta R.T. -0.012 min
 Lab File: BF134562.D
 Acq: 01 Aug 2023 22:34

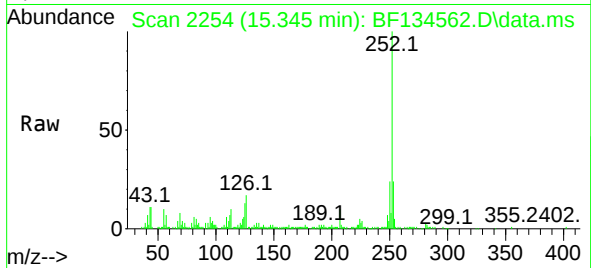
Tgt Ion:252 Resp: 68838
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.3 25.9
 125 13.0 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 2.112 ng
RT: 15.345 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134562.D
Acq: 01 Aug 2023 22:34

Instrument :
BNA_F
ClientSampleId :
B-P13ARE



Tgt Ion:252 Resp: 4669
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.4
125 13.0 6.2 9.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

