

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134849.D
 Acq On : 18 Aug 2023 19:50
 Operator : CG\JU
 Sample : 04022-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 01:46:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	145626	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	556608	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	256001	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	354370	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	292664	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	201001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1019027	106.370	ng	0.01
7) Phenol-d6	6.434	99	1152116	94.079	ng	0.00
23) Nitrobenzene-d5	7.357	82	853356	95.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	299260	114.673	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1436949	93.328	ng	-0.01
79) Terphenyl-d14	12.910	244	1233647	74.309	ng	-0.01
Target Compounds						
32) Benzoic acid	7.775	122	1703m	8.119	ng	Qvalue

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

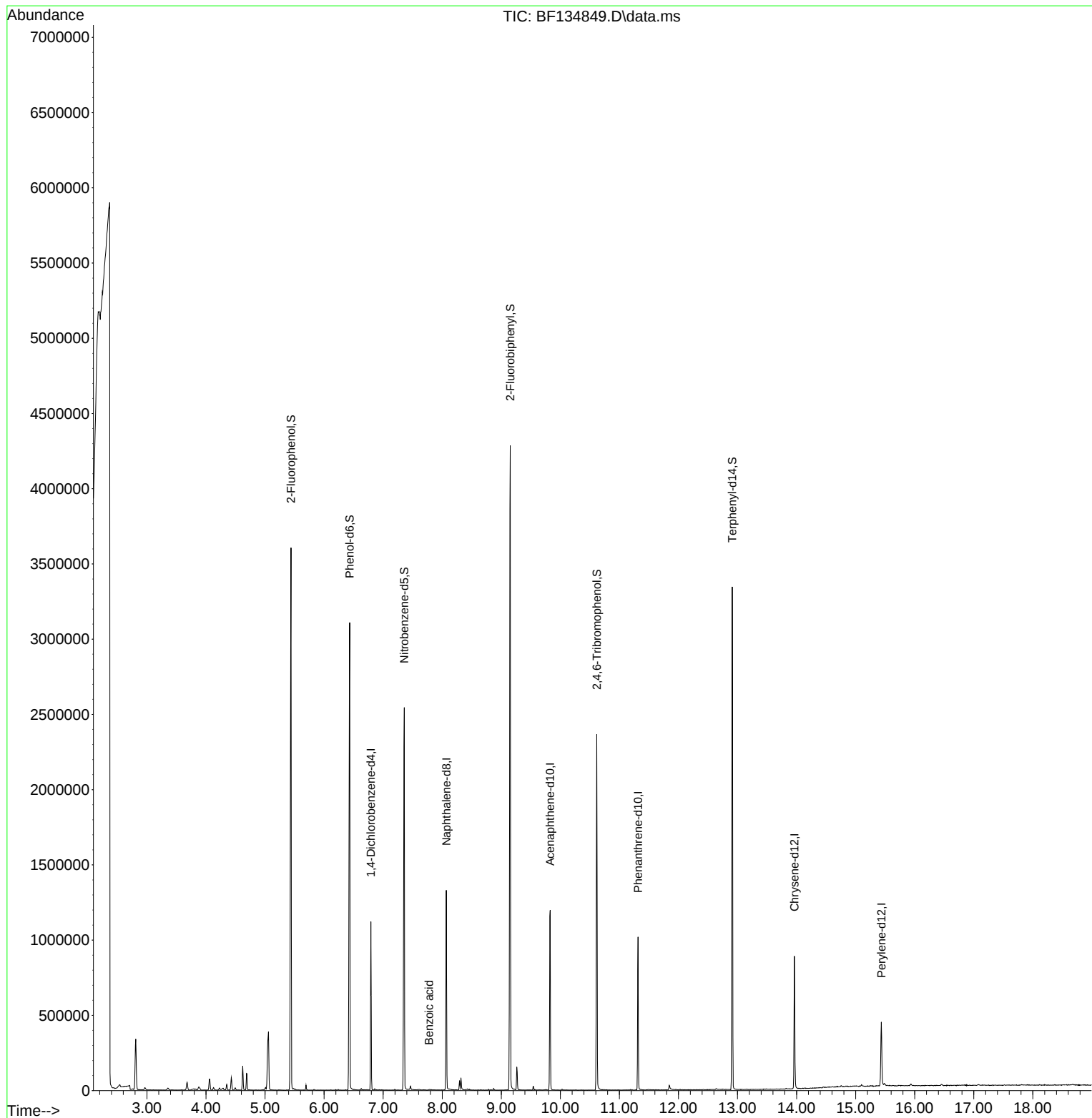
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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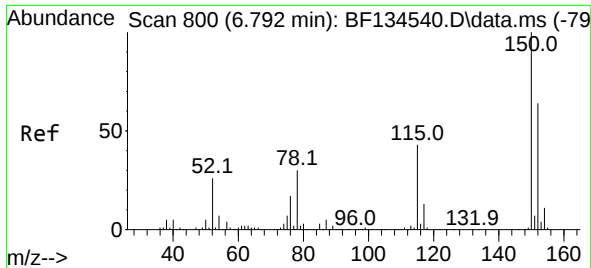
Instrument :
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TP-16

Quant Time: Aug 19 01:46:17 2023
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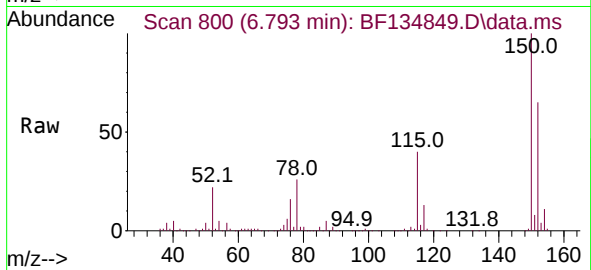
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF134849.D
Acq: 18 Aug 2023 19:50

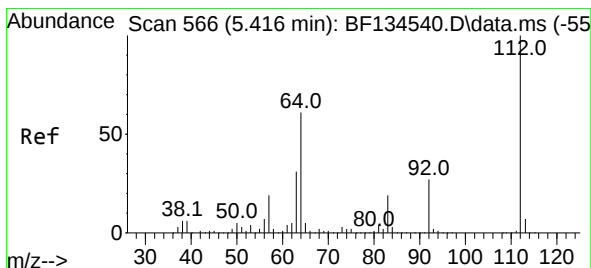
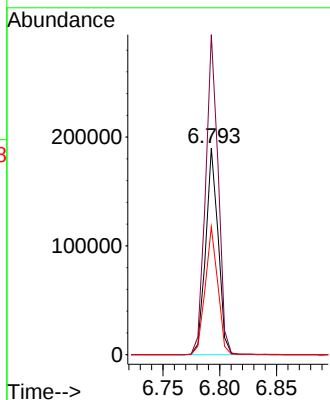
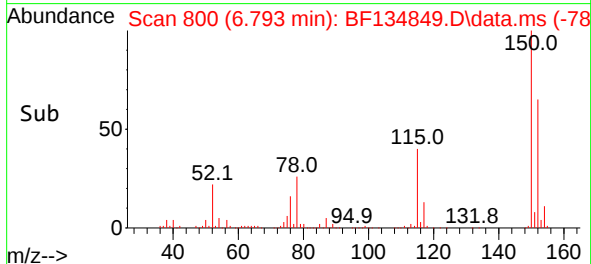
Instrument :
BNA_F
ClientSampleId :
TP-16



Tgt Ion:152 Resp: 145626
Ion Ratio Lower Upper
152 100
150 154.9 128.3 192.5
115 61.8 52.4 78.6

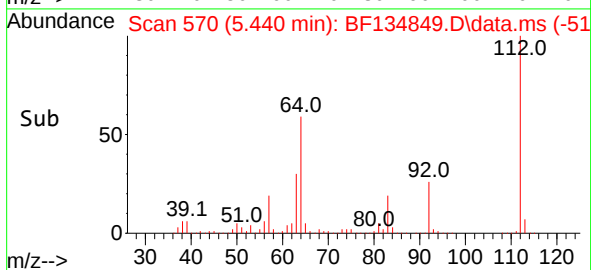
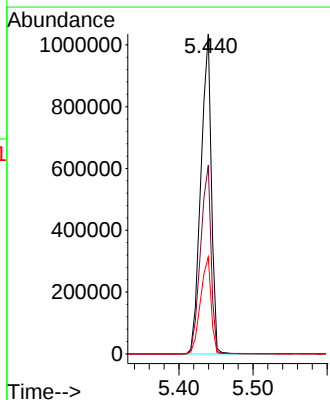
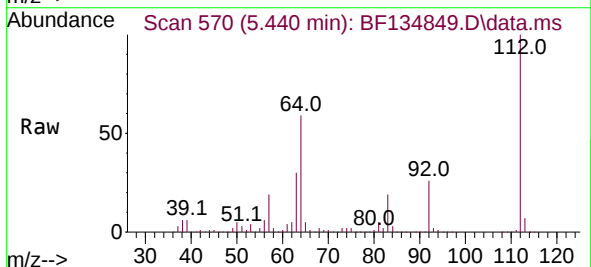
Manual Integrations
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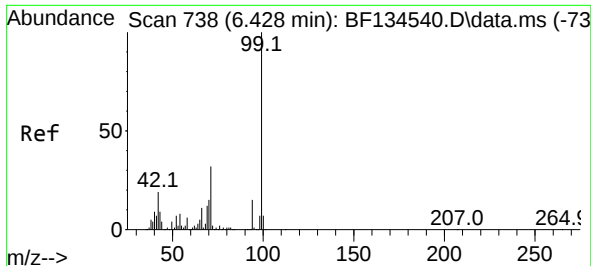
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#5
2-Fluorophenol
Concen: 106.370 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134849.D
Acq: 18 Aug 2023 19:50

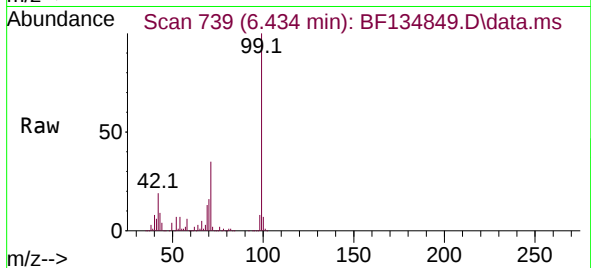
Tgt Ion:112 Resp: 1019027
Ion Ratio Lower Upper
112 100
64 58.9 44.9 67.3
63 30.3 25.4 38.0





#7
Phenol-d6
Concen: 94.079 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134849.D
Acq: 18 Aug 2023 19:50

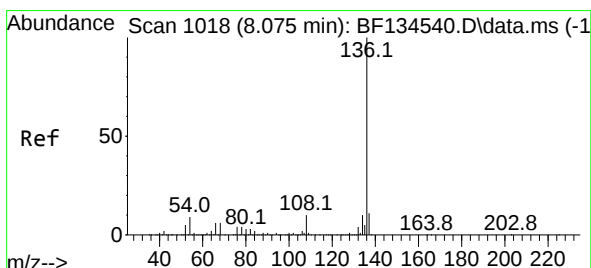
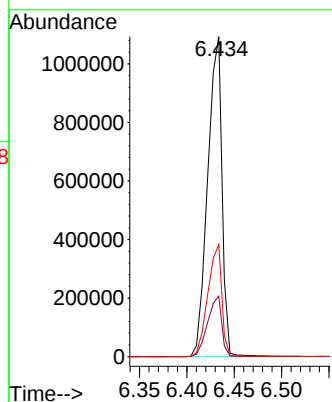
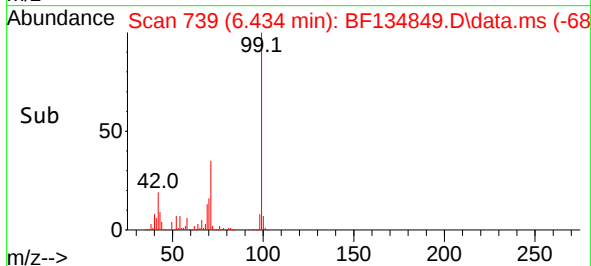
Instrument :
BNA_F
ClientSampleId :
TP-16



Tgt Ion: 99 Resp: 1152116
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 35.0 36.4 54.6

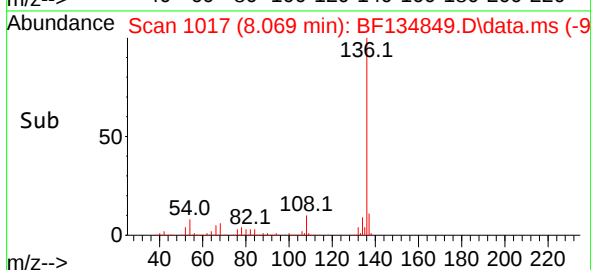
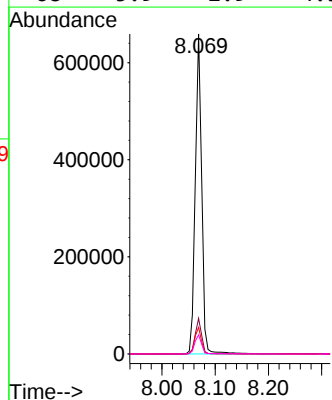
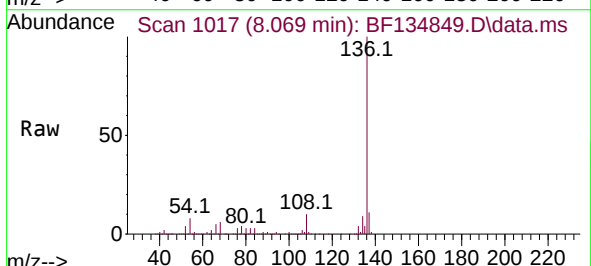
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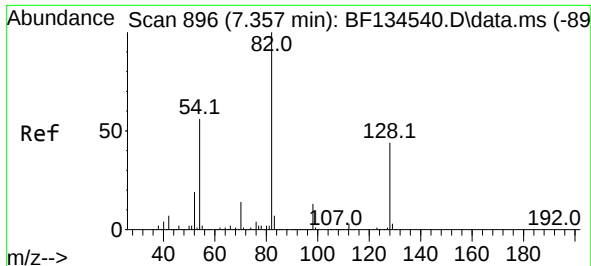
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134849.D
Acq: 18 Aug 2023 19:50

Tgt Ion:136 Resp: 556608
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 5.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 95.810 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134849.D

Acq: 18 Aug 2023 19:50

Instrument :

BNA_F

ClientSampleId :

TP-16

Tgt Ion: 82 Resp: 853356

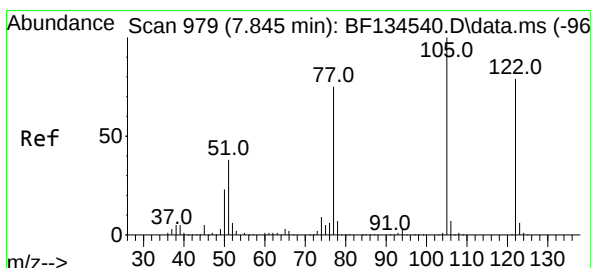
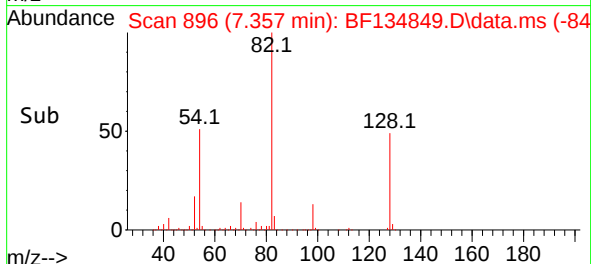
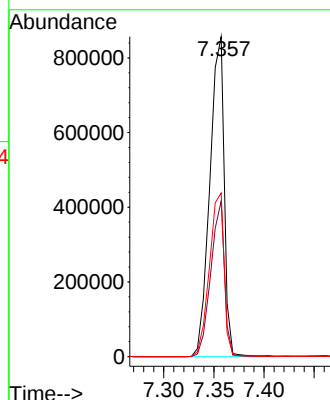
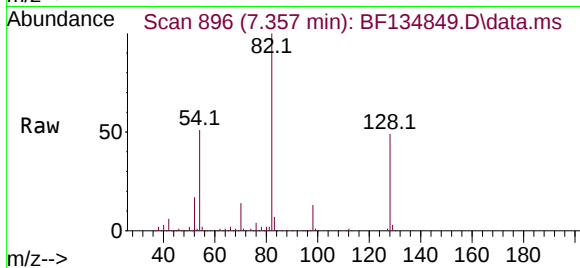
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.3	51.5
54	51.1	43.8	65.6

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#32

Benzoic acid

Concen: 8.119 ng m

RT: 7.775 min Scan# 967

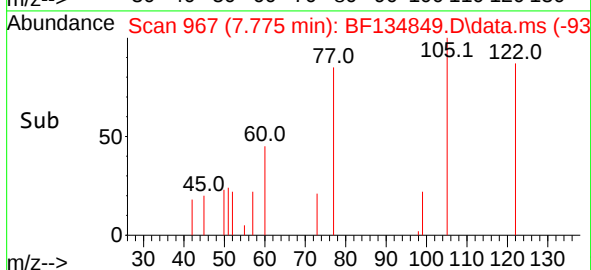
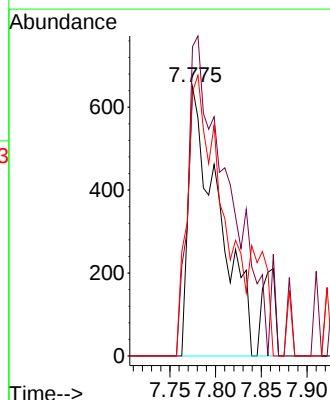
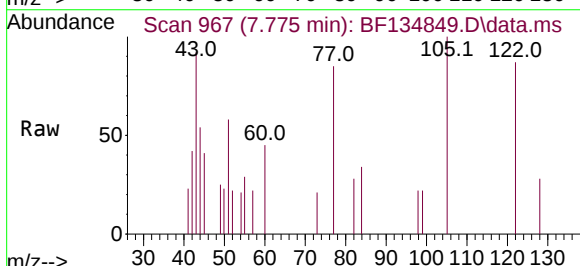
Delta R.T. -0.088 min

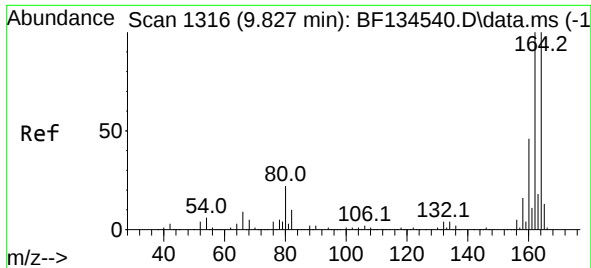
Lab File: BF134849.D

Acq: 18 Aug 2023 19:50

Tgt Ion:122 Resp: 1703

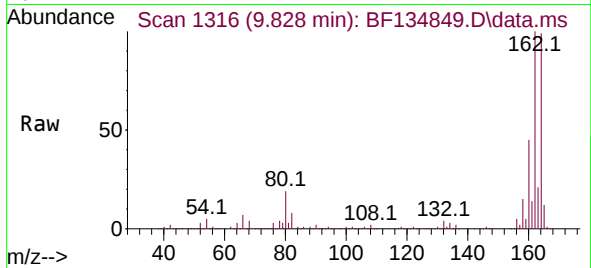
Ion	Ratio	Lower	Upper
122	100		
105	114.9	87.5	127.5
77	98.2	71.4	111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134849.D
Acq: 18 Aug 2023 19:50

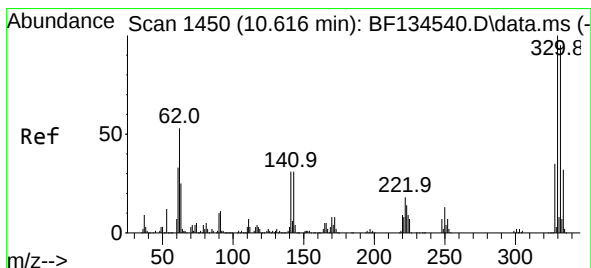
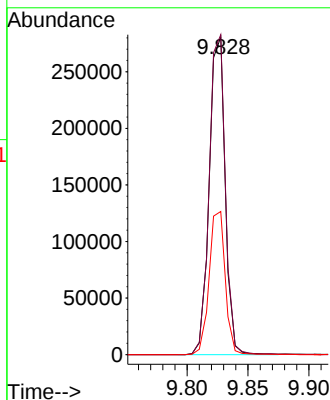
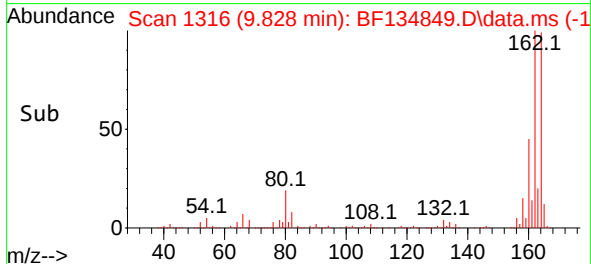
Instrument :
BNA_F
ClientSampleId :
TP-16



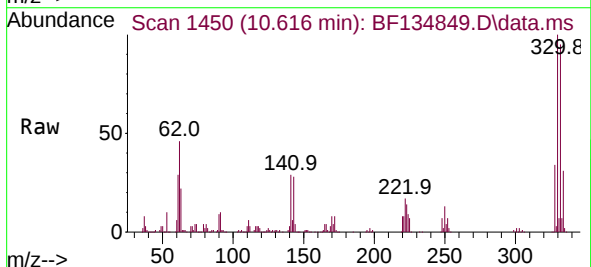
Tgt Ion:164 Resp: 256000
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.1 37.2 55.8

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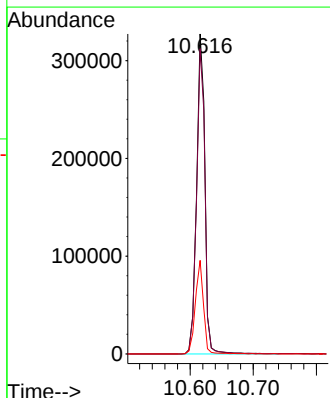
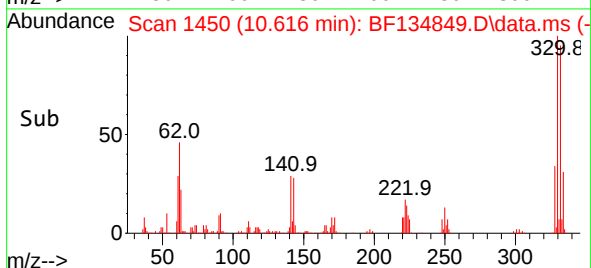
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

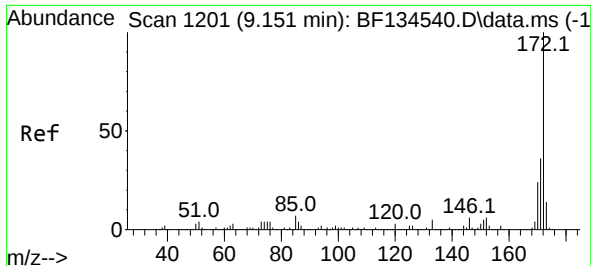


#42
2,4,6-Tribromophenol
Concen: 114.673 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134849.D
Acq: 18 Aug 2023 19:50



Tgt Ion:330 Resp: 299260
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 28.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 93.328 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134849.D

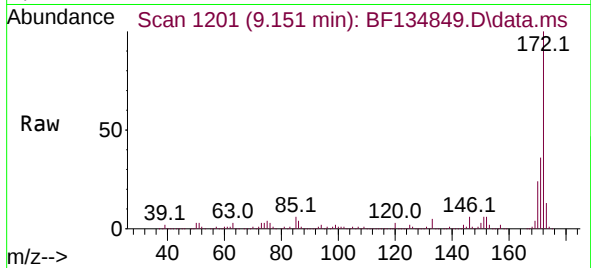
Acq: 18 Aug 2023 19:50

Instrument :

BNA_F

ClientSampleId :

TP-16



Tgt Ion:172 Resp: 1436949

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

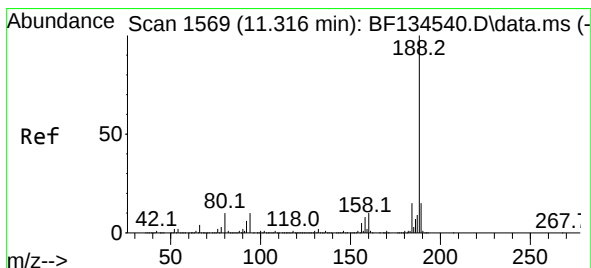
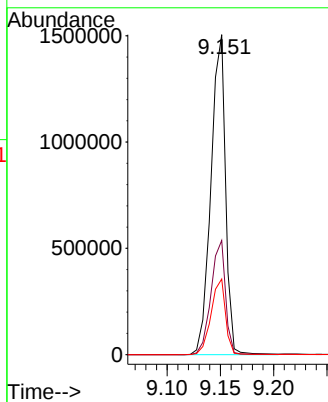
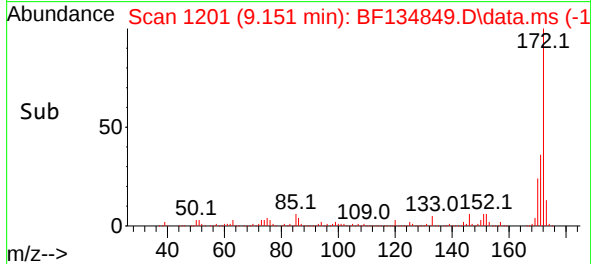
170 23.6 18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF134849.D

Acq: 18 Aug 2023 19:50

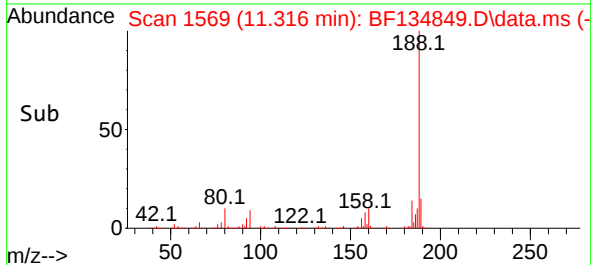
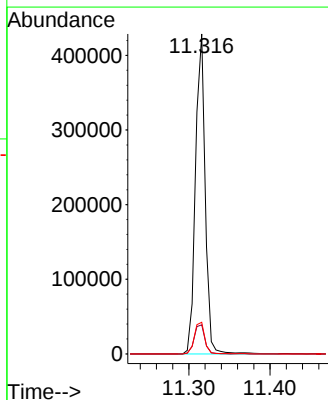
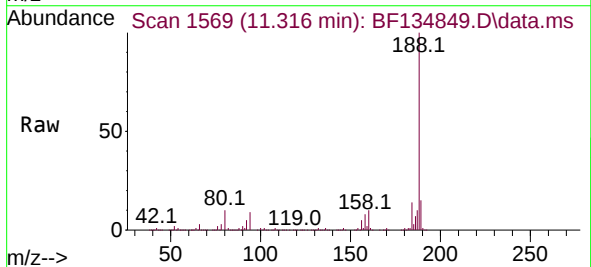
Tgt Ion:188 Resp: 354370

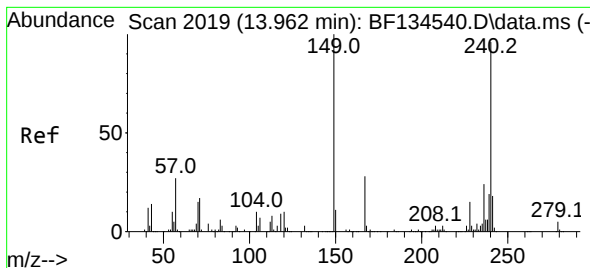
Ion Ratio Lower Upper

188 100

94 9.1 5.1 7.7#

80 9.9 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134849.D

Acq: 18 Aug 2023 19:50

Instrument :

BNA_F

ClientSampleId :

TP-16

Tgt Ion:240 Resp: 292664

Ion Ratio Lower Upper

240 100

120 11.5 6.6 10.0

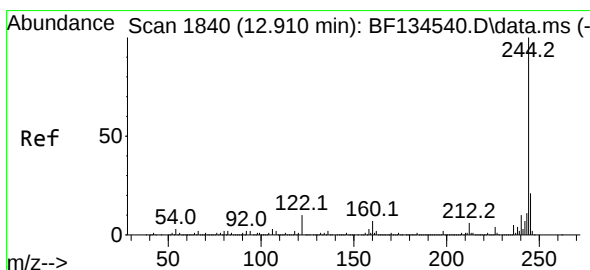
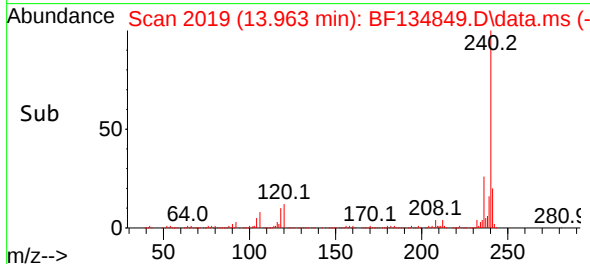
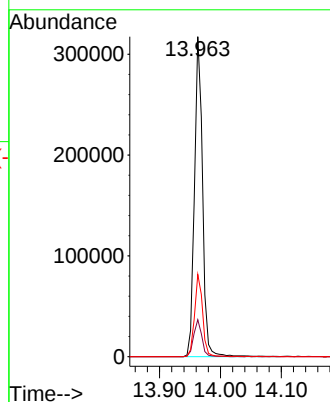
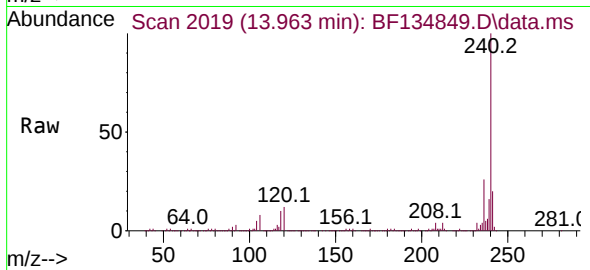
236 25.7 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#79

Terphenyl-d14

Concen: 74.309 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134849.D

Acq: 18 Aug 2023 19:50

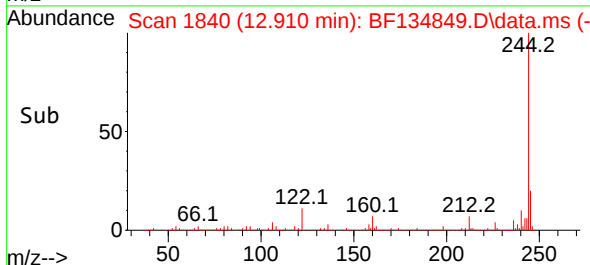
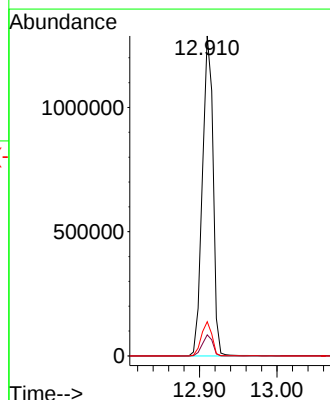
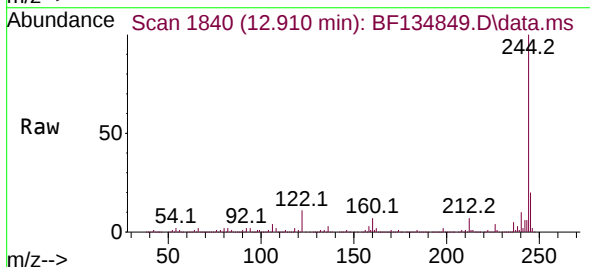
Tgt Ion:244 Resp: 1233647

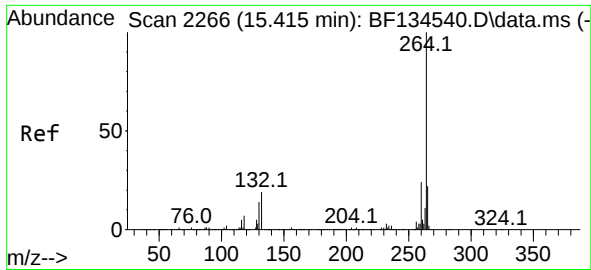
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

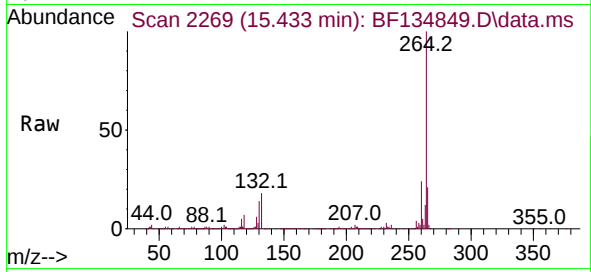
122 10.7 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134849.D
Acq: 18 Aug 2023 19:50

Instrument :
BNA_F
ClientSampleId :
TP-16



Tgt Ion:264 Resp: 201001
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 20.6 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

