

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134573.D
 Acq On : 02 Aug 2023 11:23
 Operator : CG\JU
 Sample : 03686-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-15-17-20230719

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 02 12:05:39 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	6.798	152	190682	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	652729	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	241500	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	421575	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	291163	20.000	ng	0.00
86) Perylene-d12	15.421	264	241218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1077912	85.930	ng	0.00
7) Phenol-d6	6.428	99	1281628	79.926	ng	0.00
23) Nitrobenzene-d5	7.357	82	727470	69.648	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	203259	82.563	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1120381	77.137	ng	0.00
79) Terphenyl-d14	12.910	244	1174828	71.131	ng	0.00
Target Compounds						
71) Phenanthrene	11.339	178	113964	5.089	ng	99
75) Fluoranthene	12.527	202	126106	5.331	ng	96
78) Pyrene	12.757	202	104125	4.133	ng	99
88) Benzo(b)fluoranthene	14.992	252	32639m	2.219	ng	

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

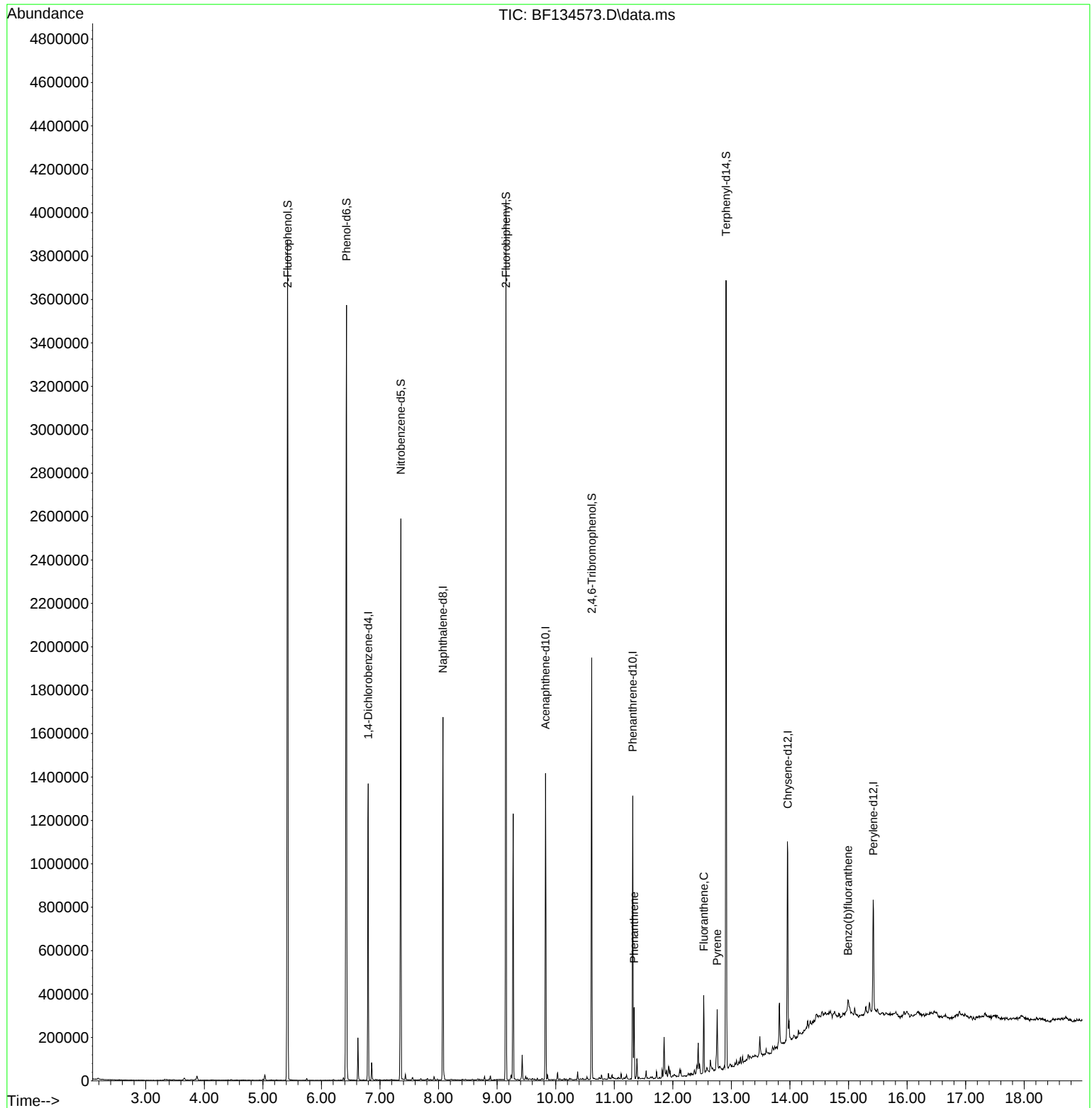
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
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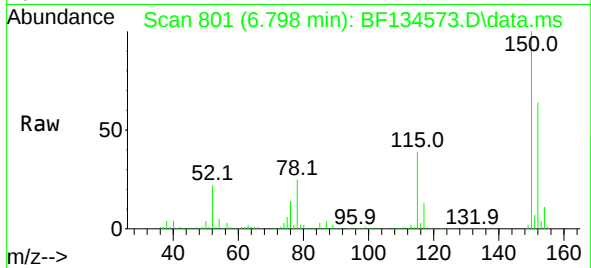
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

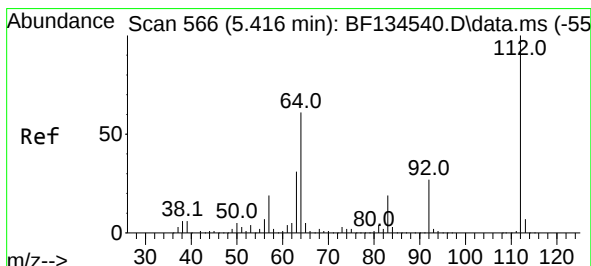
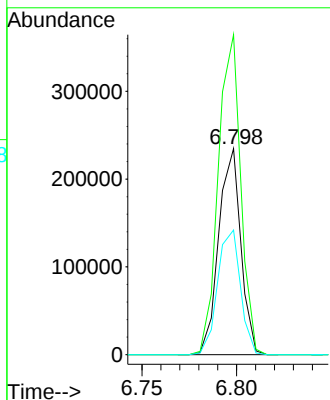
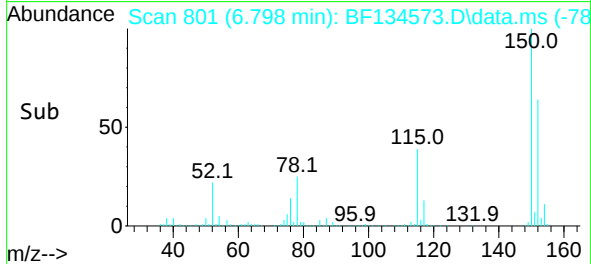
Instrument :
BNA_F
ClientSampleId :
SB-26-15-17-20230719



Tgt Ion:152 Resp: 190682
Ion Ratio Lower Upper
152 100
150 155.2 128.3 192.5
115 60.5 52.4 78.6

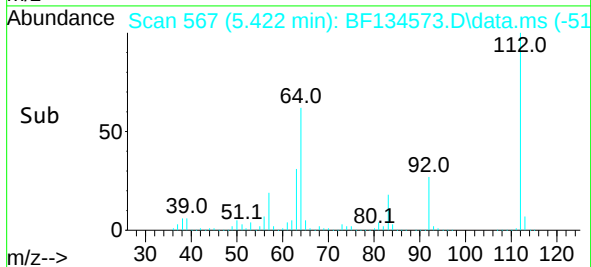
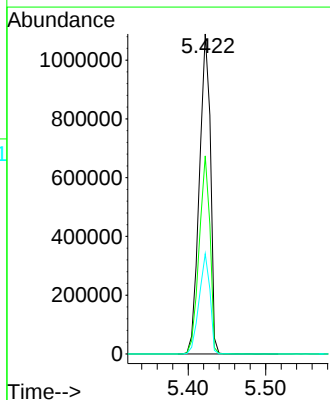
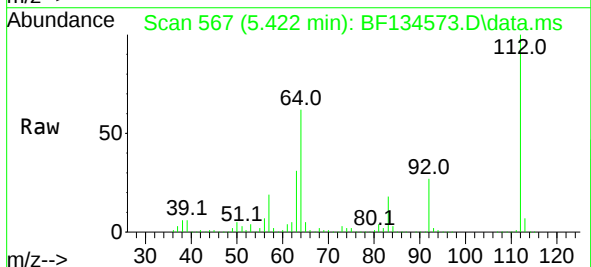
Manual Integrations
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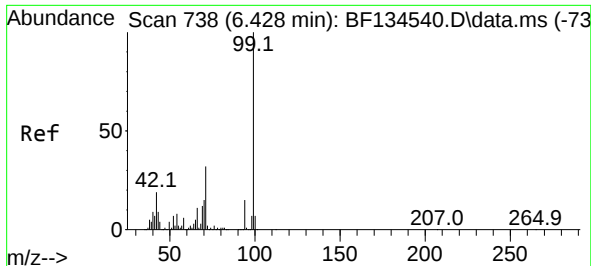
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#5
2-Fluorophenol
Concen: 85.930 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

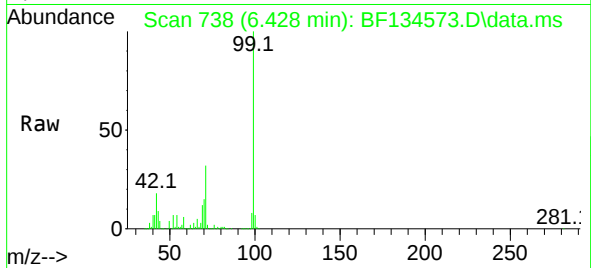
Tgt Ion:112 Resp: 1077912
Ion Ratio Lower Upper
112 100
64 61.9 44.9 67.3
63 31.3 25.4 38.0





#7
Phenol-d6
Concen: 79.926 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

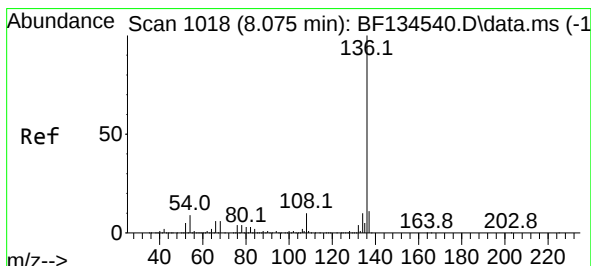
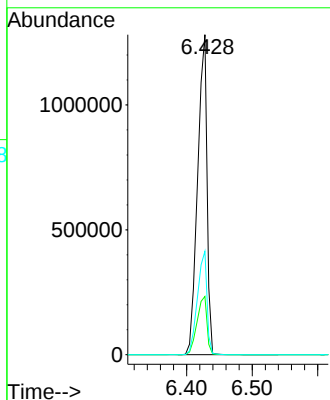
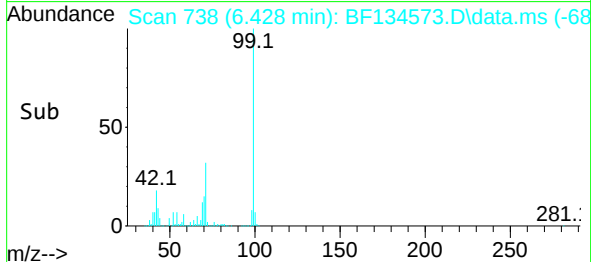
Instrument :
BNA_F
ClientSampleId :
SB-26-15-17-20230719



Tgt Ion: 99 Resp: 1281628
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1#
71 32.3 36.4 54.6#

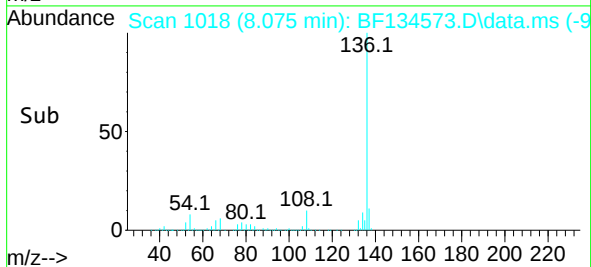
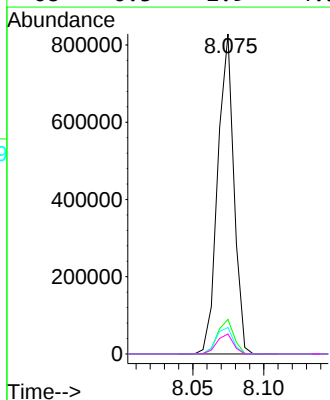
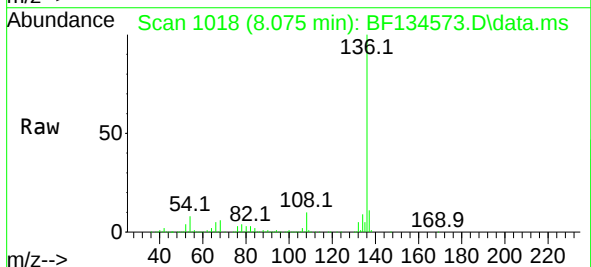
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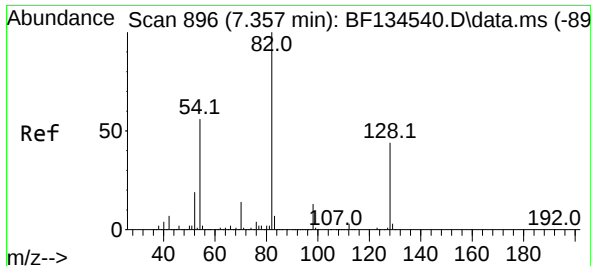
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

Tgt Ion:136 Resp: 652729
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 69.648 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134573.D

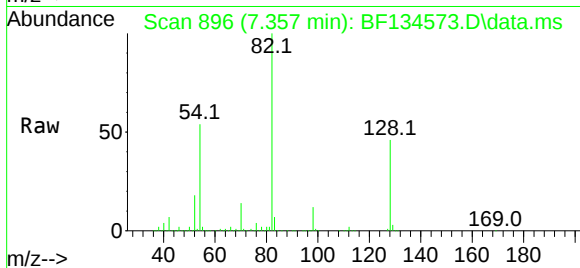
Acq: 02 Aug 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-26-15-17-20230719



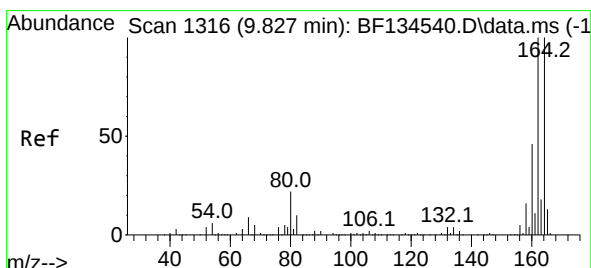
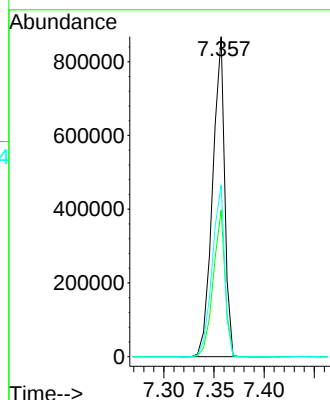
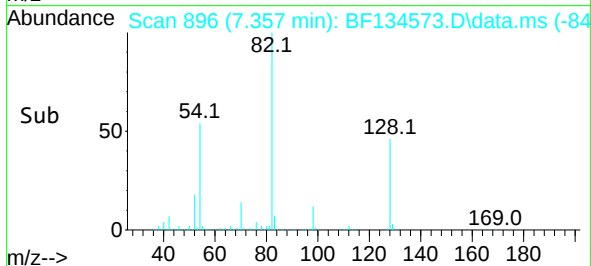
Tgt Ion: 82 Resp: 727470

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.3	51.5
54	53.7	43.8	65.6

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Supervised By :mohammad ahmed 08/03/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

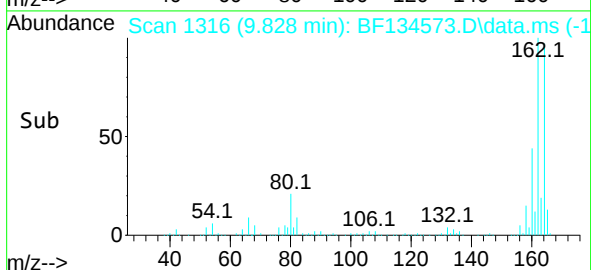
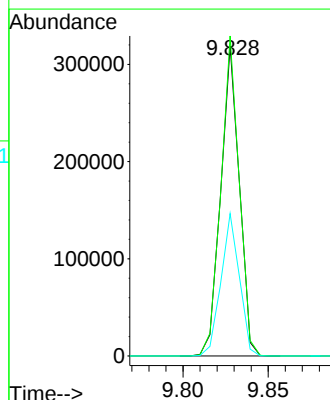
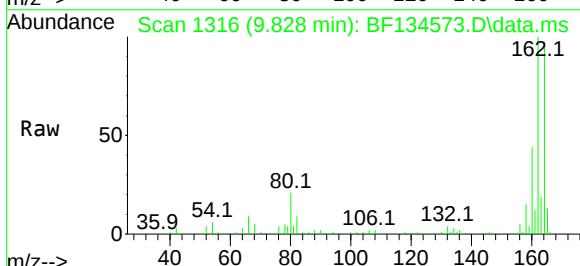
Delta R.T. 0.000 min

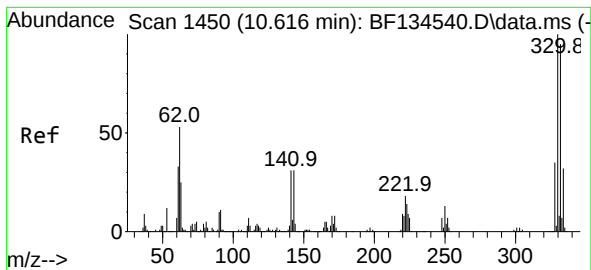
Lab File: BF134573.D

Acq: 02 Aug 2023 11:23

Tgt Ion:164 Resp: 241500

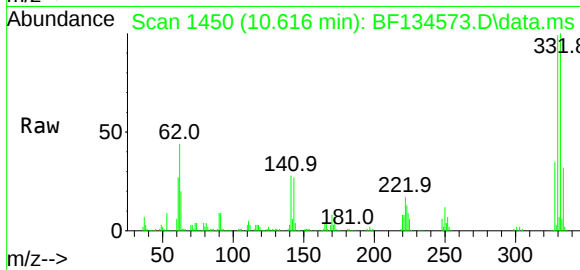
Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.9	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 82.563 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

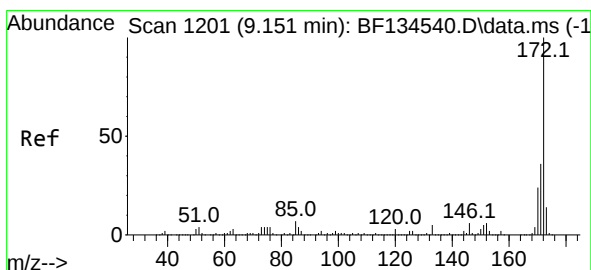
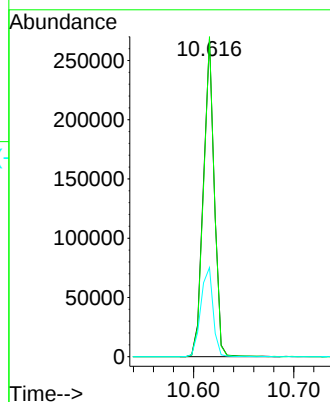
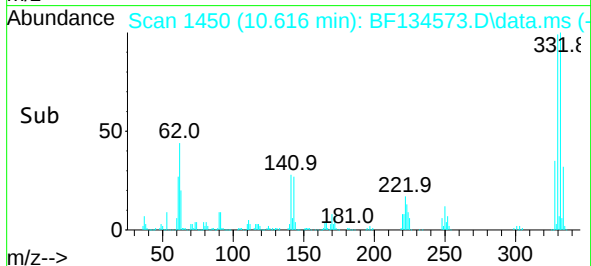
Instrument :
BNA_F
ClientSampleId :
SB-26-15-17-20230719



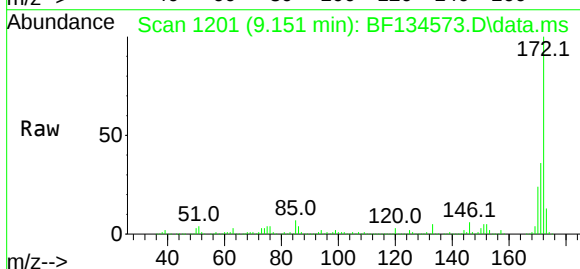
Tgt Ion: 330 Resp: 203259
Ion Ratio Lower Upper
330 100
332 99.0 78.8 118.2
141 31.7 25.4 38.2

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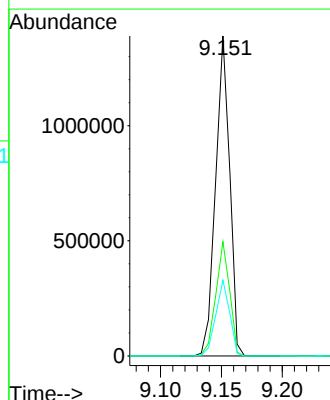
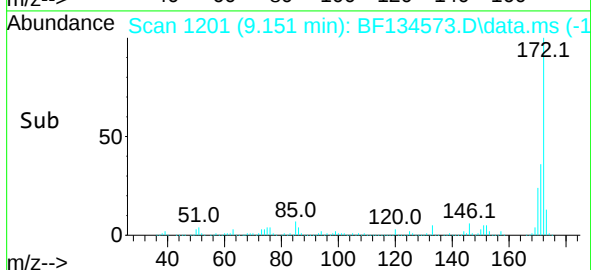
Reviewed By : Yogesh Patel 08/03/2023
Supervised By : mohammad ahmed 08/03/2023



#45
2-Fluorobiphenyl
Concen: 77.137 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23



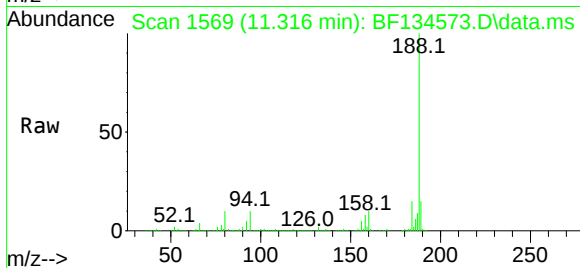
Tgt Ion: 172 Resp: 1120381
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

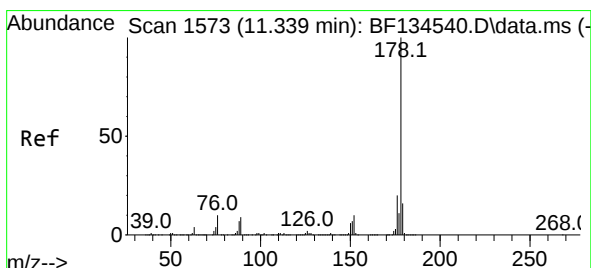
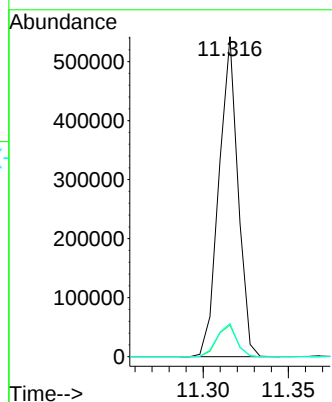
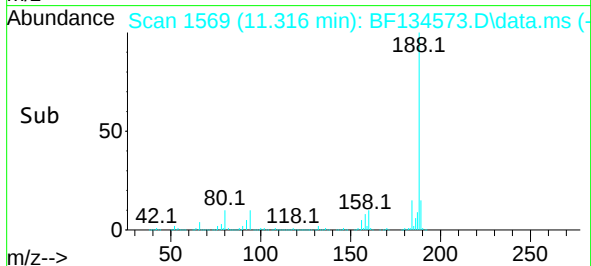
Instrument :
BNA_F
ClientSampleId :
SB-26-15-17-20230719



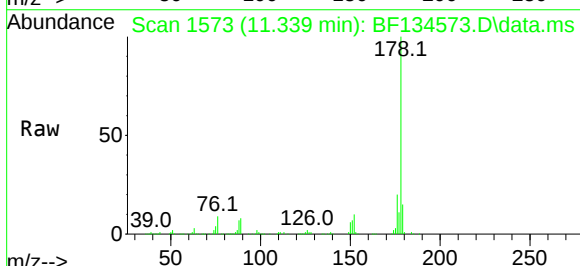
Tgt Ion:188 Resp: 421579
Ion Ratio Lower Upper
188 100
94 9.9 5.1 7.7
80 10.4 6.6 9.8

Manual Integrations
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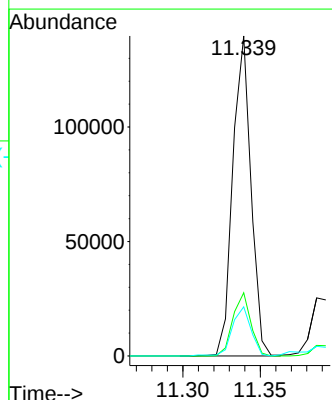
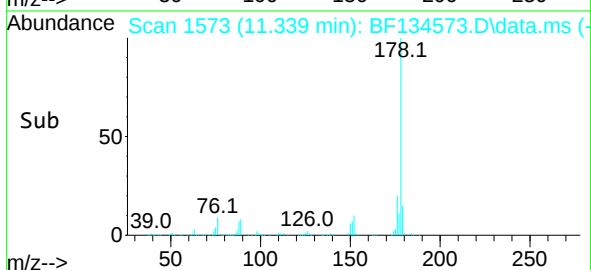
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

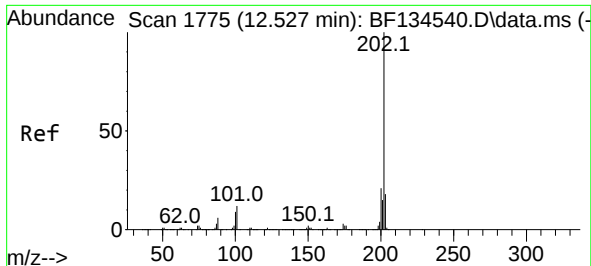


#71
Phenanthrene
Concen: 5.089 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23



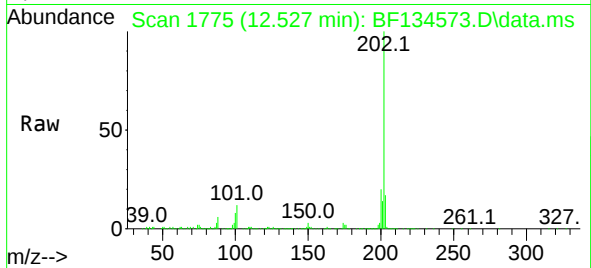
Tgt Ion:178 Resp: 113964
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.4 12.7 19.1





#75
Fluoranthene
Concen: 5.331 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

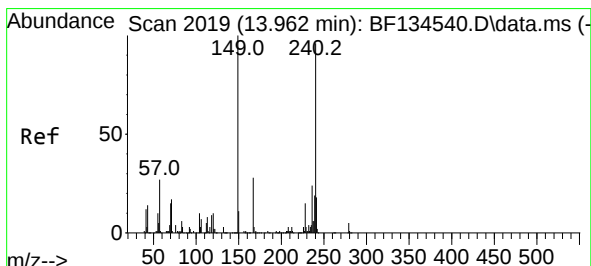
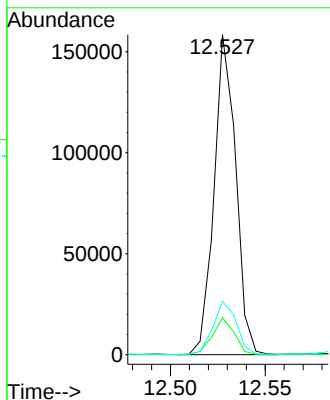
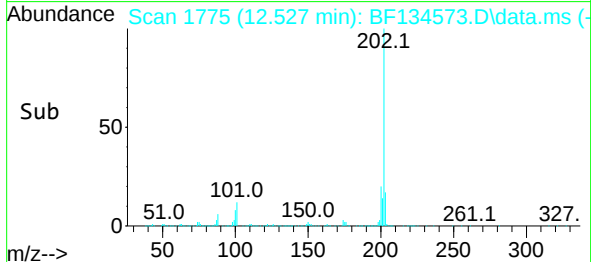
Instrument :
BNA_F
ClientSampleId :
SB-26-15-17-20230719



Tgt Ion:202 Resp: 126100
Ion Ratio Lower Upper
202 100
101 11.5 0.0 28.5
203 16.6 0.0 37.5

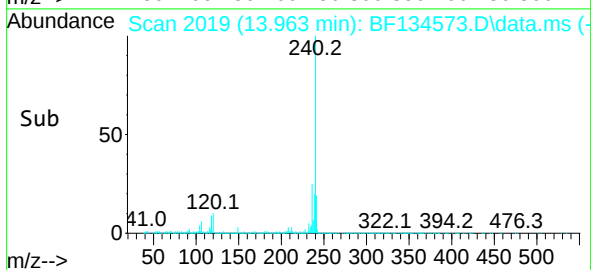
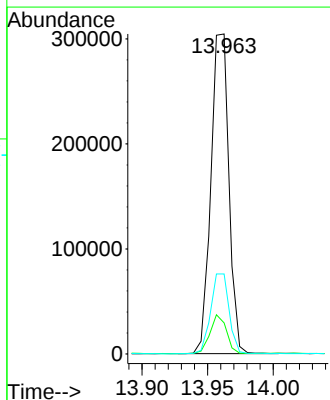
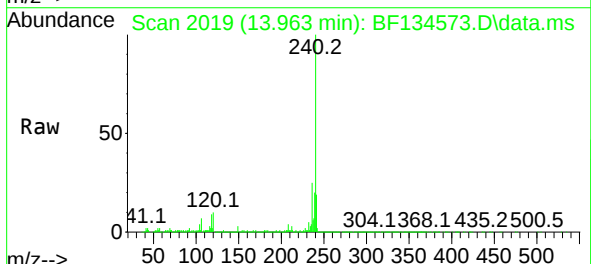
Manual Integrations
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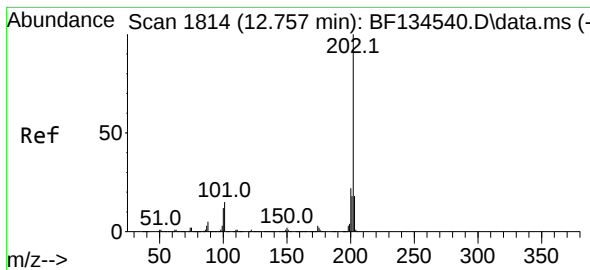
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134573.D
Acq: 02 Aug 2023 11:23

Tgt Ion:240 Resp: 291163
Ion Ratio Lower Upper
240 100
120 9.7 6.6 10.0
236 25.0 20.2 30.2





#78

Pyrene

Concen: 4.133 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134573.D

Acq: 02 Aug 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-26-15-17-20230719

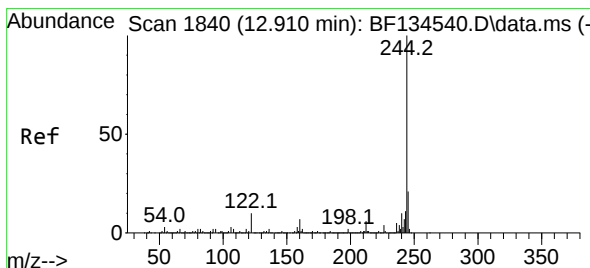
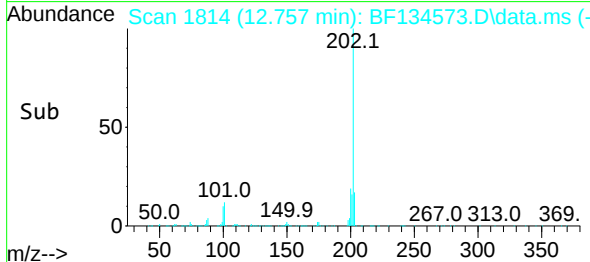
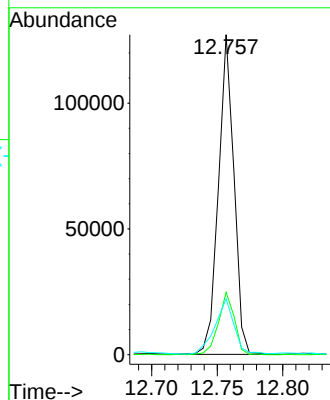
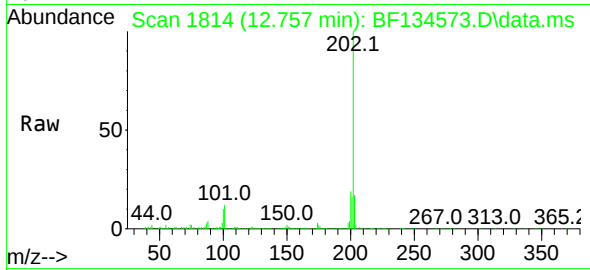
Tgt Ion:202 Resp: 104125
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.8 23.8
 203 17.4 13.5 20.3

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#79

Terphenyl-d14

Concen: 71.131 ng

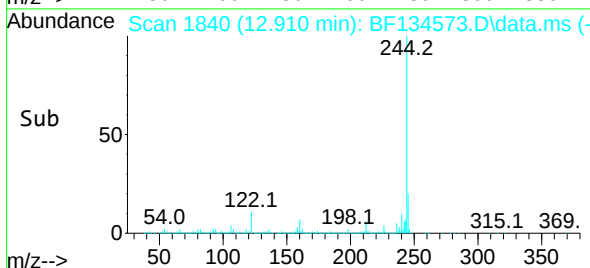
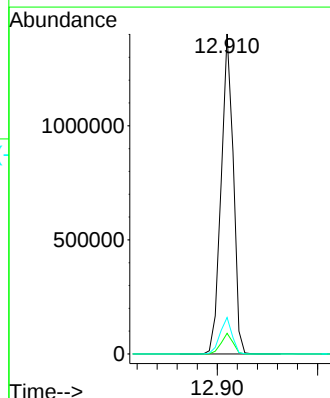
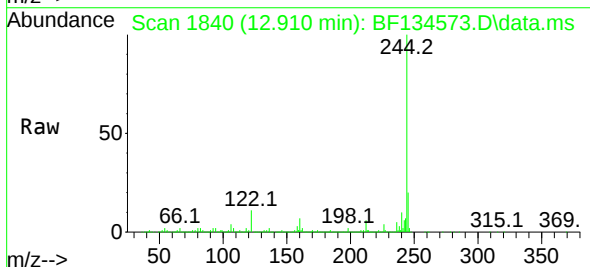
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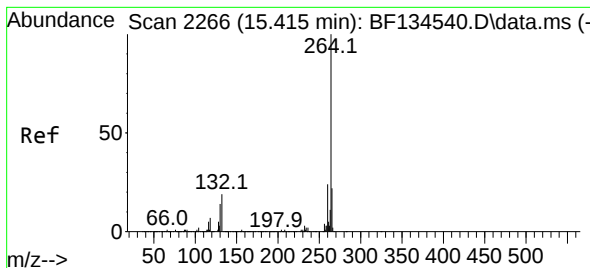
Delta R.T. 0.000 min

Lab File: BF134573.D

Acq: 02 Aug 2023 11:23

Tgt Ion:244 Resp: 1174828
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.4 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134573.D

Acq: 02 Aug 2023 11:23

Instrument :

BNA_F

ClientSampleId :

SB-26-15-17-20230719

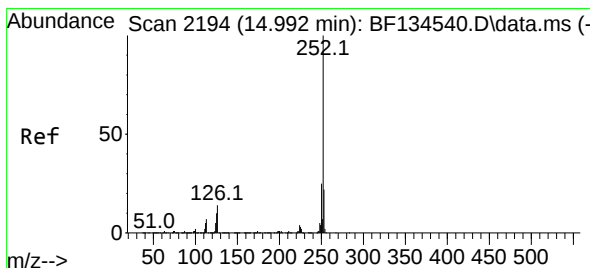
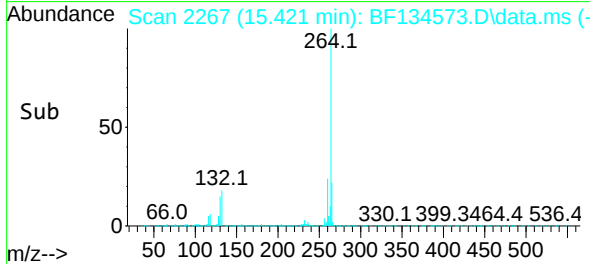
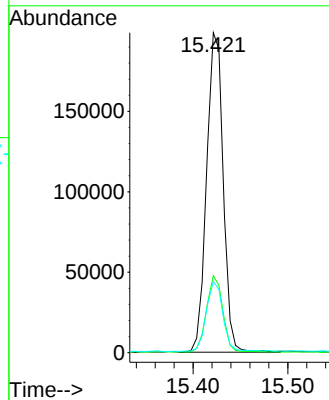
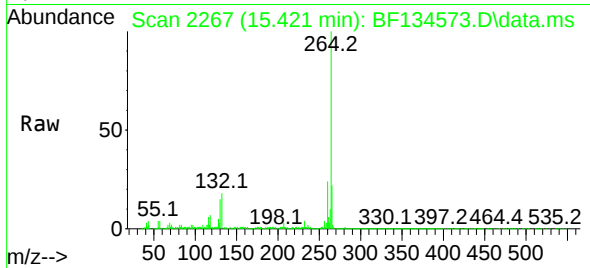
Tgt Ion:264 Resp: 241218
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#88

Benzo(b)fluoranthene

Concen: 2.219 ng m

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF134573.D

Acq: 02 Aug 2023 11:23

Tgt Ion:252 Resp: 32639
 Ion Ratio Lower Upper
 252 100
 253 26.9 17.3 25.9#
 125 17.5 6.0 9.0#

