

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134488.D
 Acq On : 26 Jul 2023 18:31
 Operator : CG\JU
 Sample : 03724-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 363

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 18:53:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	114024	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	444740	20.000	ng	#-0.02
39) Acenaphthene-d10	9.857	164	178916	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	367238	20.000	ng	#-0.02
76) Chrysene-d12	14.009	240	187602	20.000	ng	-0.02
86) Perylene-d12	15.504	264	200434	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	680184	98.558	ng	-0.01
7) Phenol-d6	6.469	99	789757	93.401	ng	-0.01
23) Nitrobenzene-d5	7.386	82	510858	58.116	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	226754	89.200	ng	-0.02
45) 2-Fluorobiphenyl	9.180	172	862425	63.280	ng	-0.01
79) Terphenyl-d14	12.945	244	1005847	93.595	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.574	163	99860	7.529	ng	98
71) Phenanthrene	11.374	178	67484	3.517	ng	98
75) Fluoranthene	12.574	202	121488	5.433	ng	98
78) Pyrene	12.804	202	96118	6.444	ng	99
81) Benzo(a)anthracene	14.004	228	28238	2.157	ng	97
83) Chrysene	14.039	228	36473	2.913	ng	96
84) Bis(2-ethylhexyl)phtha...	13.980	149	19874	2.738	ng	# 98
88) Benzo(b)fluoranthene	15.068	252	51081m	4.074	ng	
90) Benzo(a)pyrene	15.445	252	26973	2.327	ng	# 94
92) Benzo(g,h,i)perylene	17.509	276	23185	2.135	ng	# 95

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

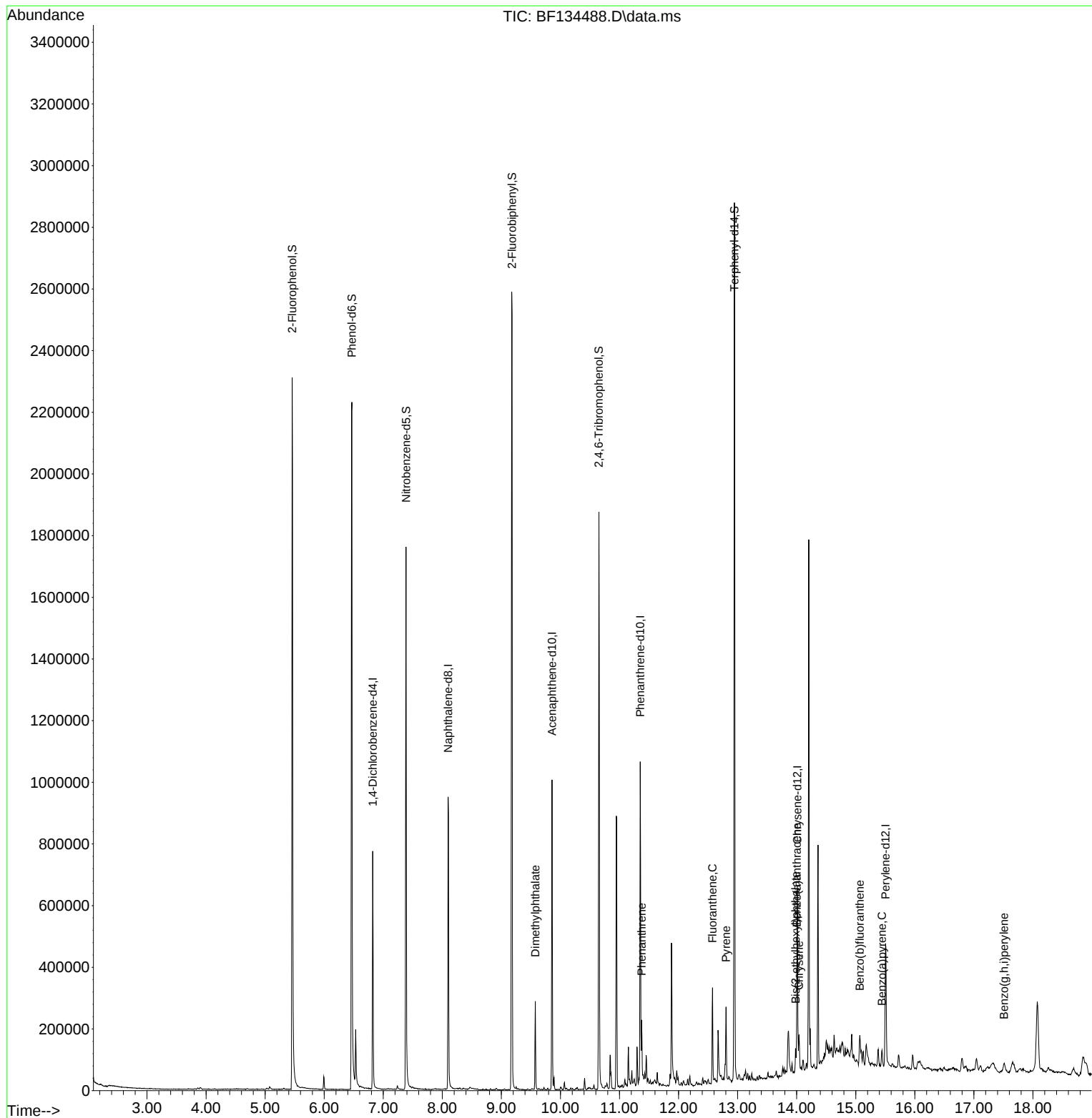
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
Data File : BF134488.D
Acq On : 26 Jul 2023 18:31
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ALS Vial : 11 Sample Multiplier: 1

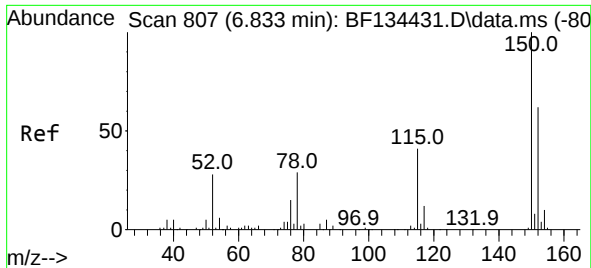
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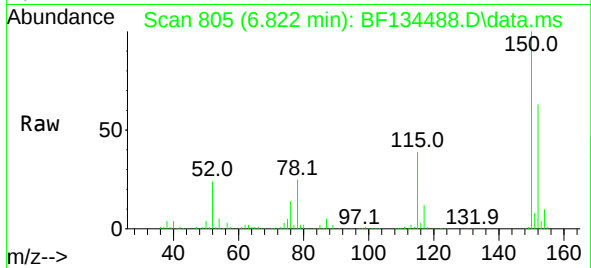
Quant Time: Jul 26 18:53:57 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

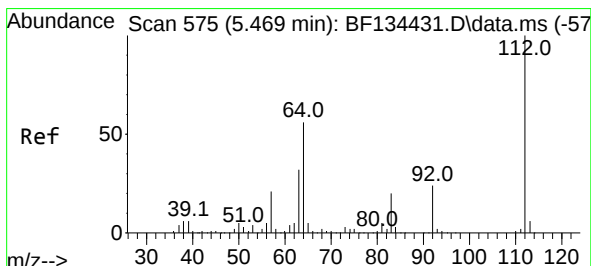
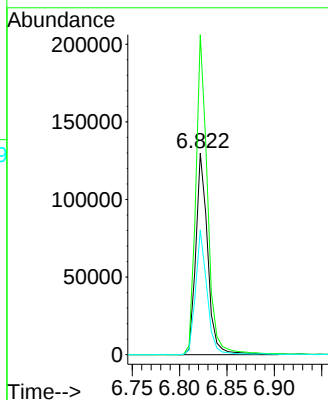
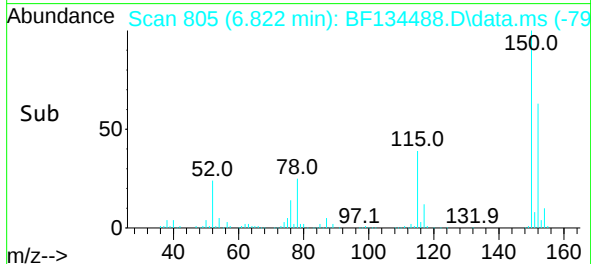
Instrument :
BNA_F
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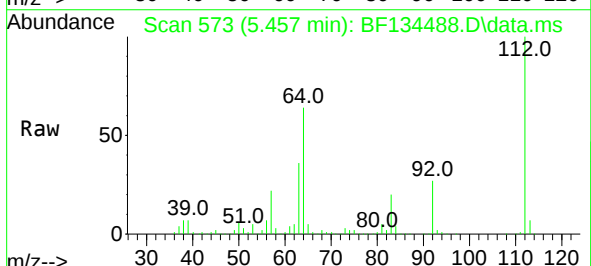
Tgt Ion:152 Resp: 114024
Ion Ratio Lower Upper
152 100
150 158.8 128.3 192.5
115 62.0 52.4 78.6

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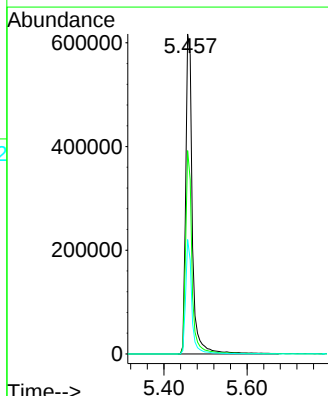
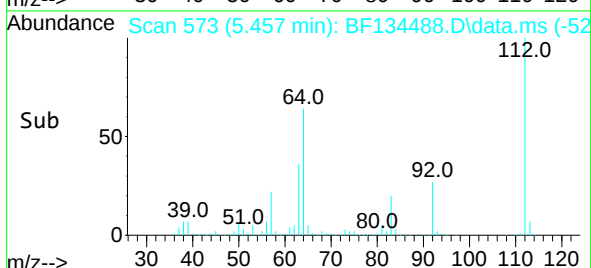
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

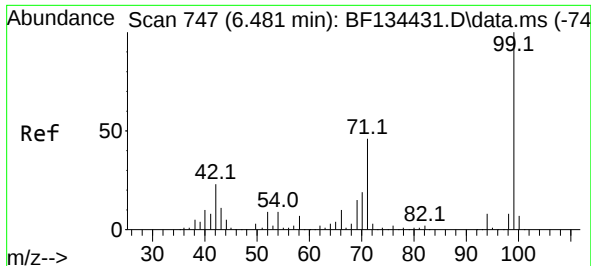


#5
2-Fluorophenol
Concen: 98.558 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.012 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31



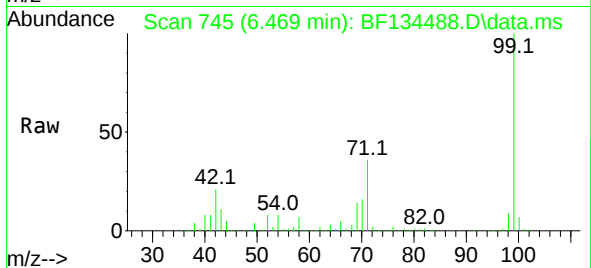
Tgt Ion:112 Resp: 680184
Ion Ratio Lower Upper
112 100
64 63.6 44.9 67.3
63 35.7 25.4 38.0





#7
Phenol-d6
Concen: 93.401 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

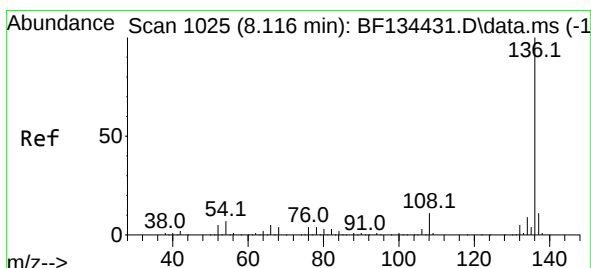
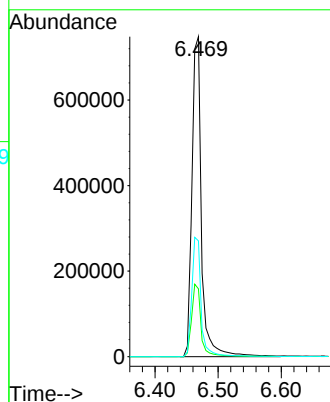
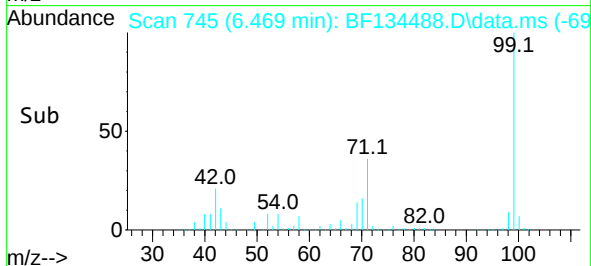
Instrument :
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ClientSampleId :
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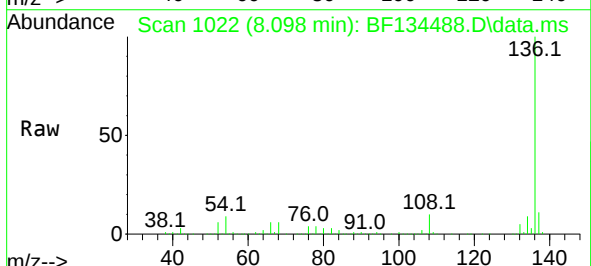
Tgt Ion: 99 Resp: 78975
Ion Ratio Lower Upper
99 100
42 21.2 18.7 28.1
71 36.2 36.4 54.6

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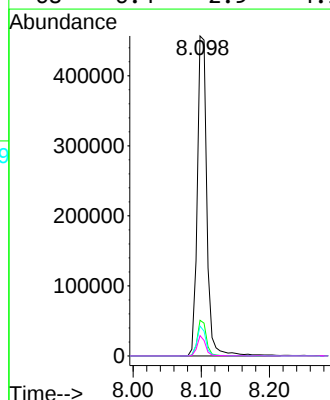
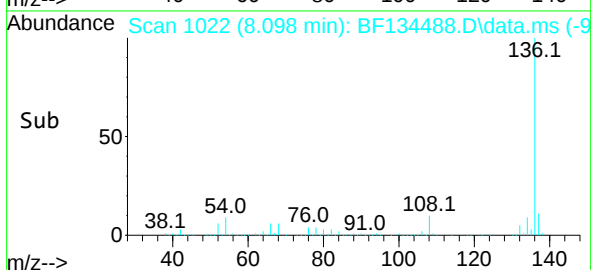
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

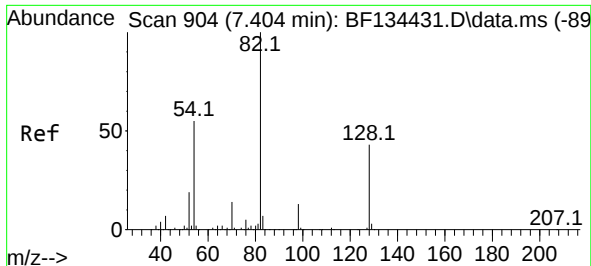


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31



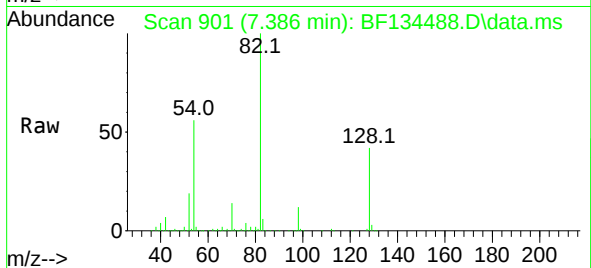
Tgt Ion:136 Resp: 444740
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.3 5.2 7.8#
68 6.4 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 58.116 ng
RT: 7.386 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

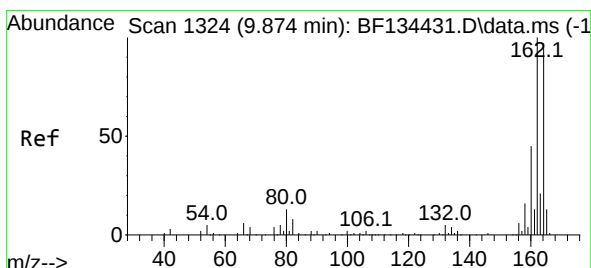
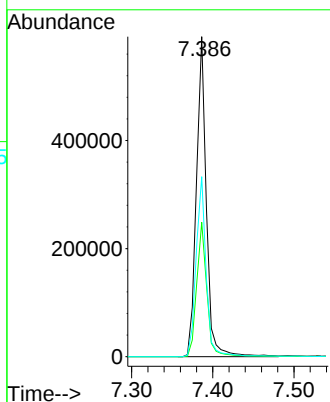
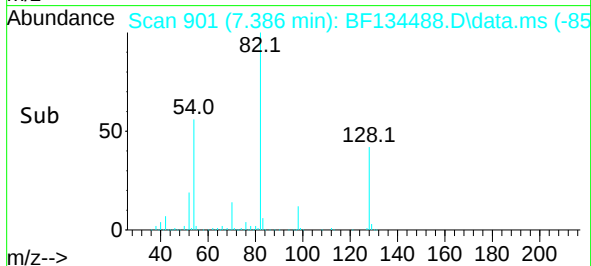
Instrument :
BNA_F
ClientSampleId :
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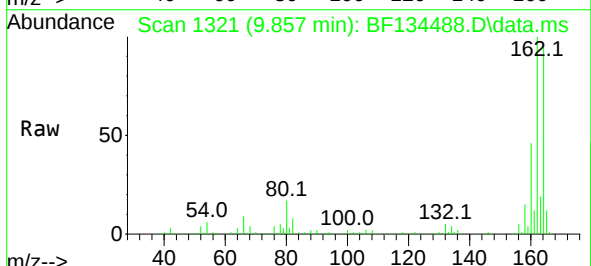
Tgt Ion: 82 Resp: 510858
Ion Ratio Lower Upper
82 100
128 42.0 34.3 51.5
54 56.2 43.8 65.6

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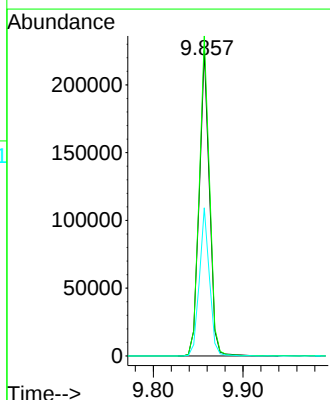
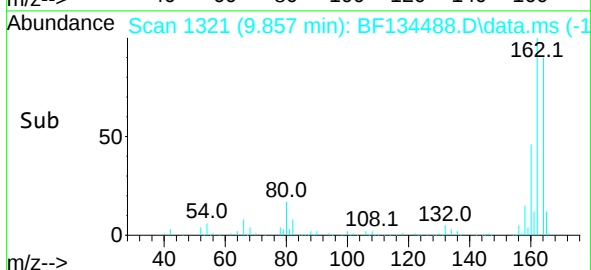
Reviewed By :Yogesh Patel 07/27/2023
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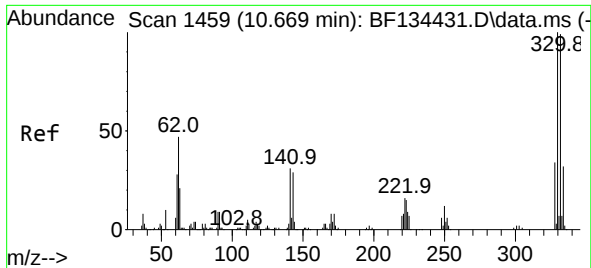


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31



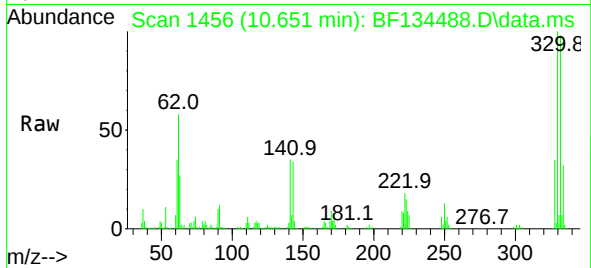
Tgt Ion:164 Resp: 178916
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 48.5 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 89.200 ng
RT: 10.651 min Scan# 1459
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

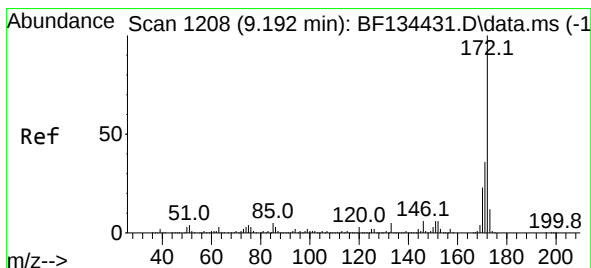
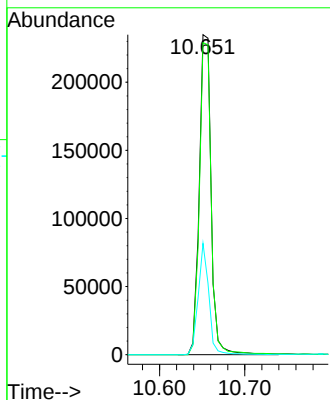
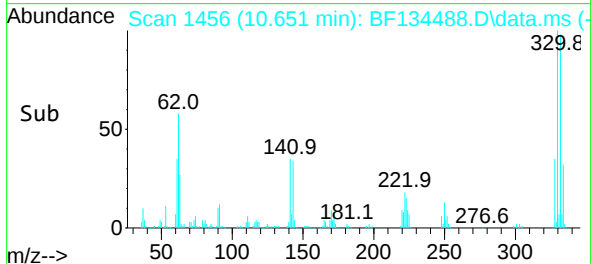
Instrument :
BNA_F
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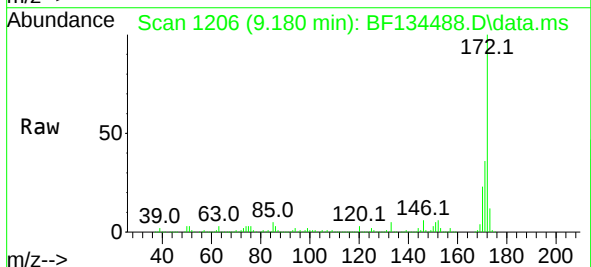
Tgt Ion: 330 Resp: 226754
Ion Ratio Lower Upper
330 100
332 97.4 78.8 118.2
141 31.3 25.4 38.2

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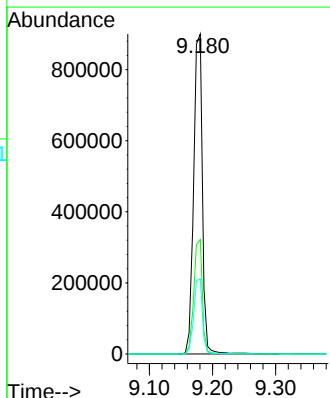
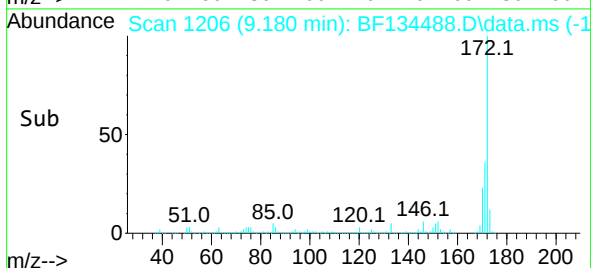
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

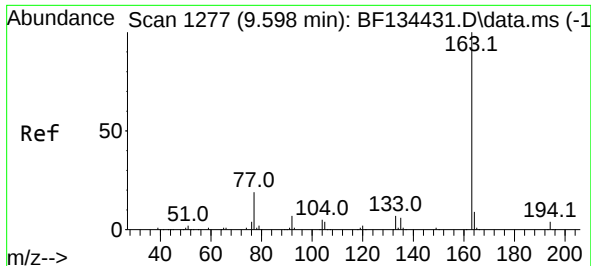


#45
2-Fluorobiphenyl
Concen: 63.280 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.012 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31



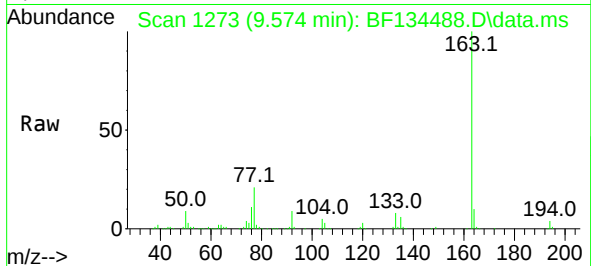
Tgt Ion: 172 Resp: 862425
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 18.7 28.1





#50
Dimethylphthalate
Concen: 7.529 ng
RT: 9.574 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

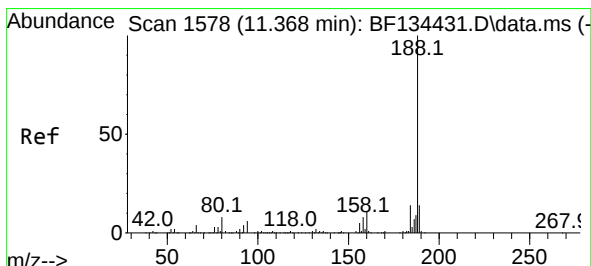
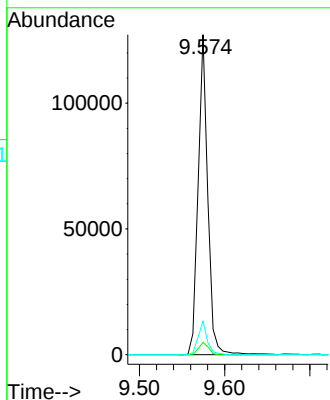
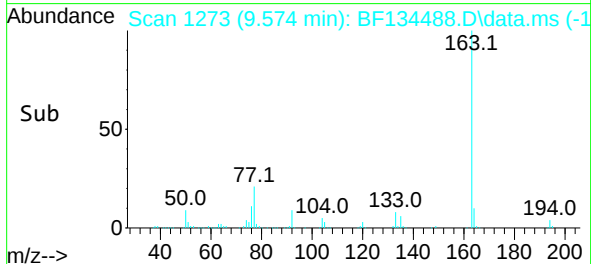
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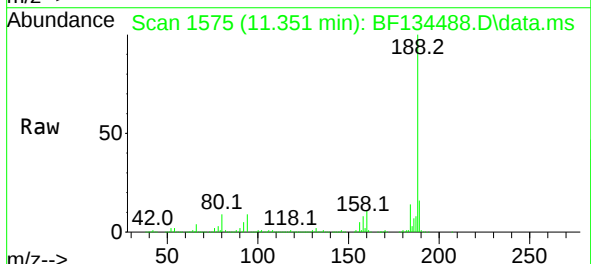
Tgt Ion:163 Resp: 99860
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 7.5 11.3

Manual Integrations
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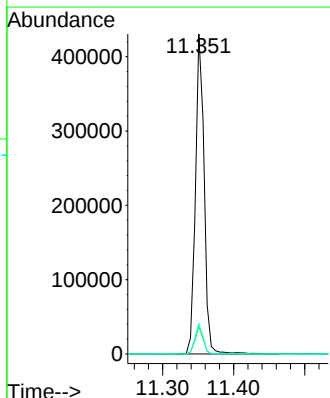
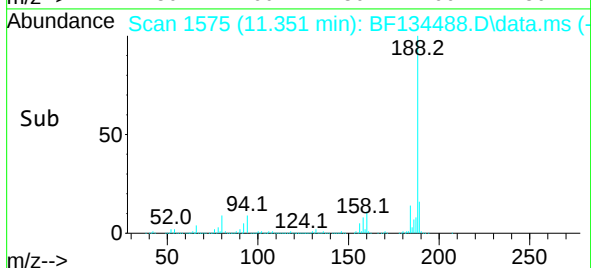
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

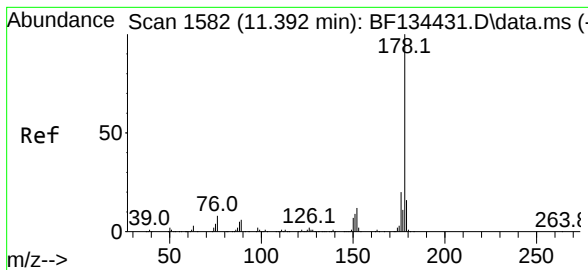


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31



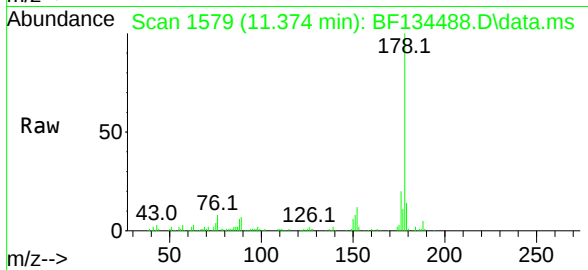
Tgt Ion:188 Resp: 367238
Ion Ratio Lower Upper
188 100
94 8.7 5.1 7.7#
80 9.5 6.6 9.8





#71
Phenanthrene
Concen: 3.517 ng
RT: 11.374 min Scan# 11374
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

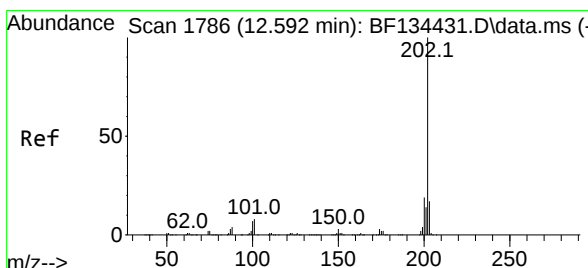
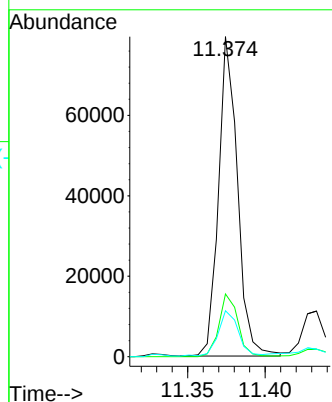
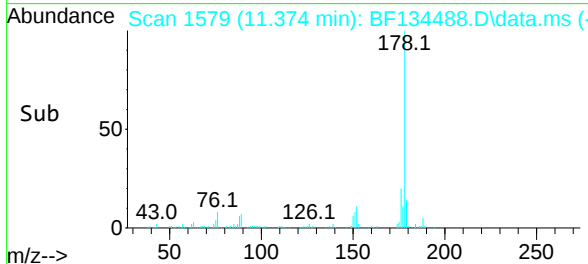
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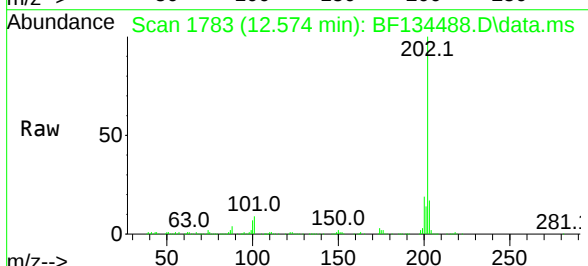
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Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 14.3 12.7 19.1

Manual Integrations
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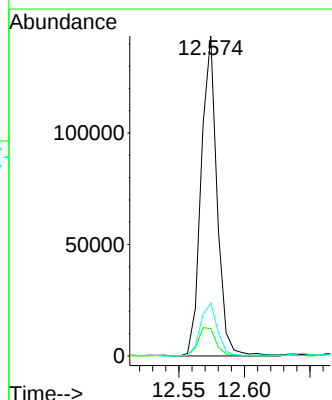
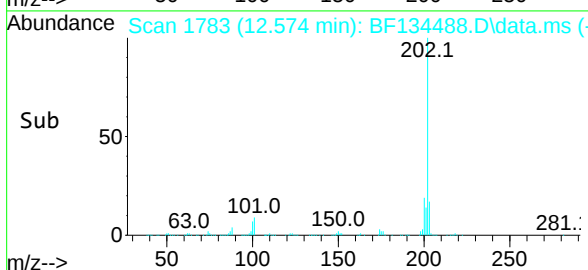
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

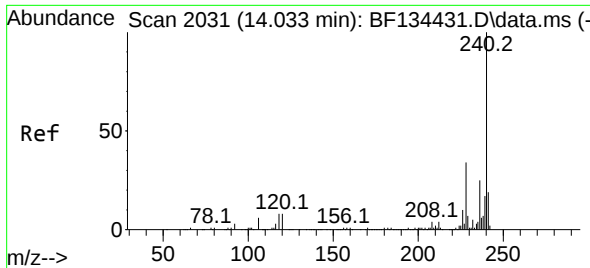


#75
Fluoranthene
Concen: 5.433 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31



Tgt Ion:202 Resp: 121488
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.5
203 16.5 0.0 37.5





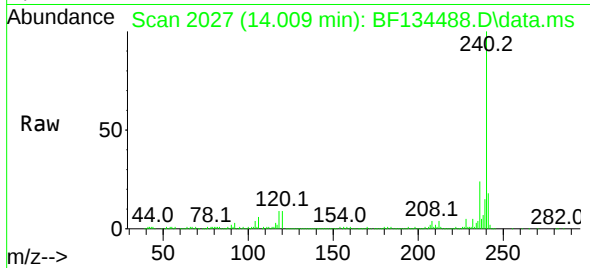
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2031
Delta R.T. -0.024 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

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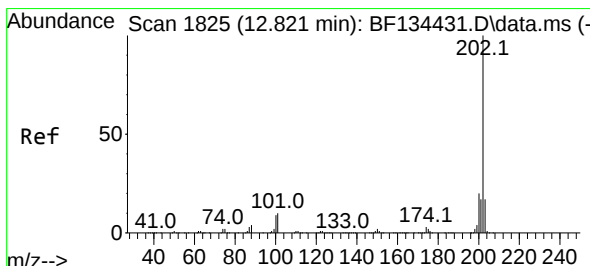
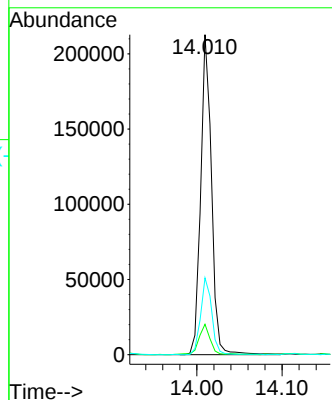
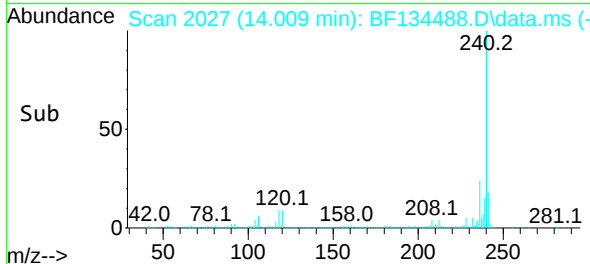
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Ion Ratio Lower Upper
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120 9.5 6.6 10.0
236 24.0 20.2 30.2

Manual Integrations

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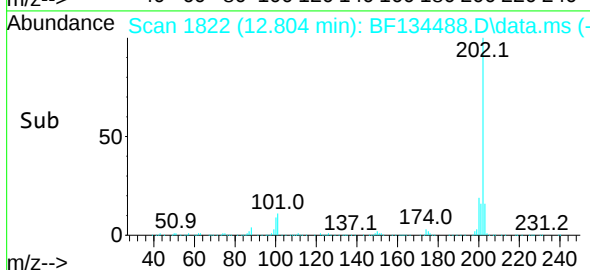
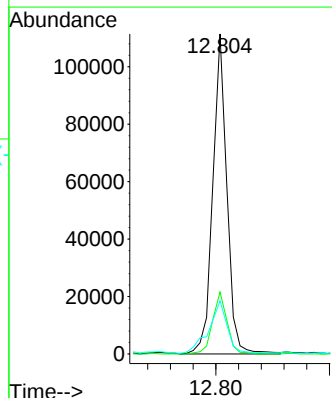
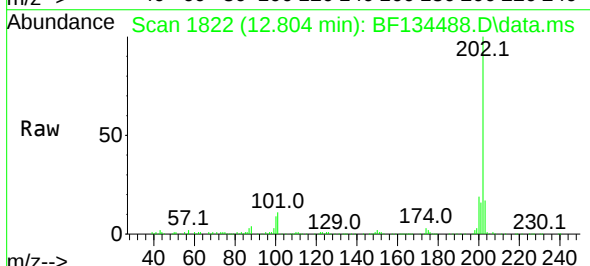
Reviewed By :Yogesh Patel 07/27/2023

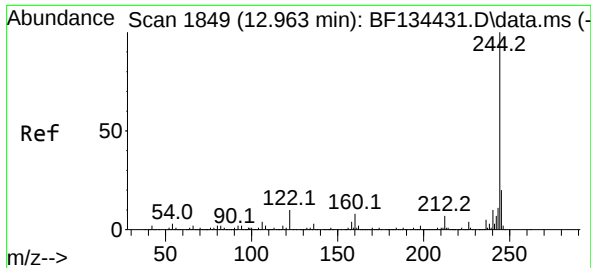
Supervised By :mohammad ahmed 07/27/2023



#78
Pyrene
Concen: 6.444 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.018 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

Tgt Ion:202 Resp: 96118
Ion Ratio Lower Upper
202 100
200 19.3 15.8 23.8
203 16.6 13.5 20.3





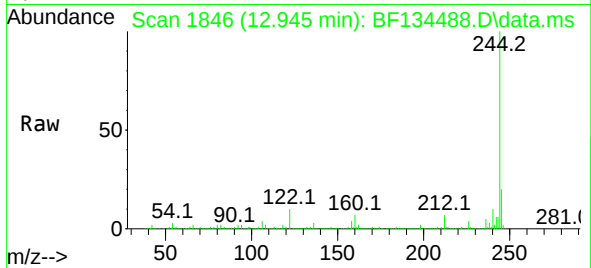
#79
 Terphenyl-d14
 Concen: 93.595 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.018 min
 Lab File: BF134488.D
 Acq: 26 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

363



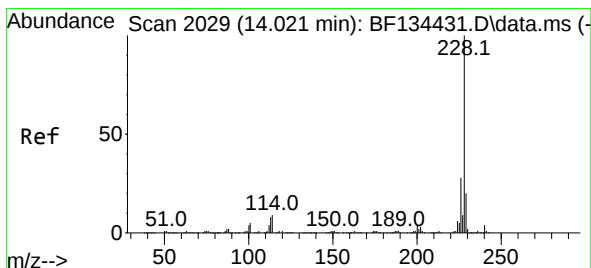
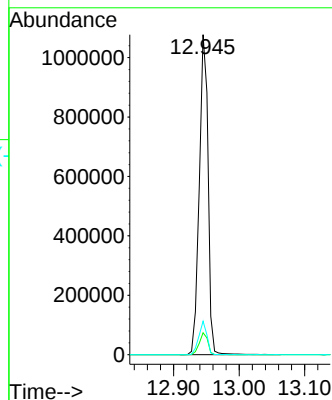
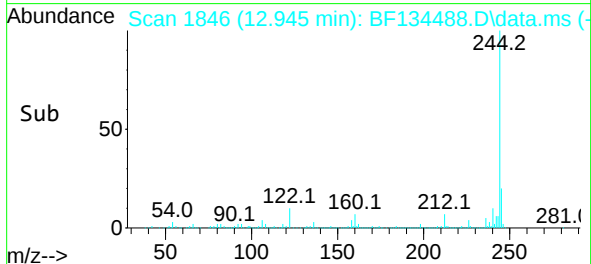
Tgt Ion:244 Resp: 100584
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 8.0 12.0

Manual Integrations

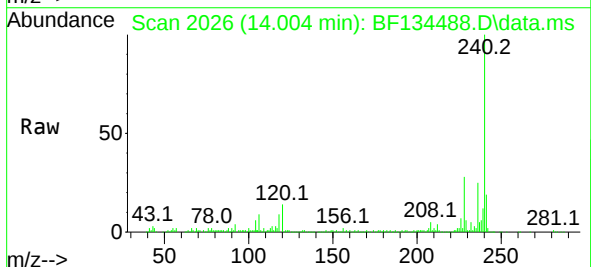
APPROVED

Reviewed By :Yogesh Patel 07/27/2023

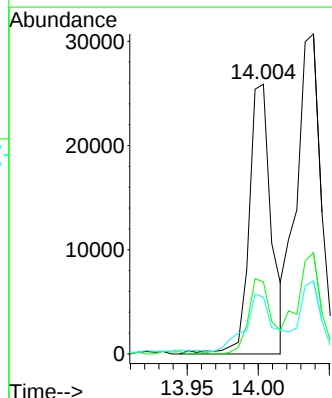
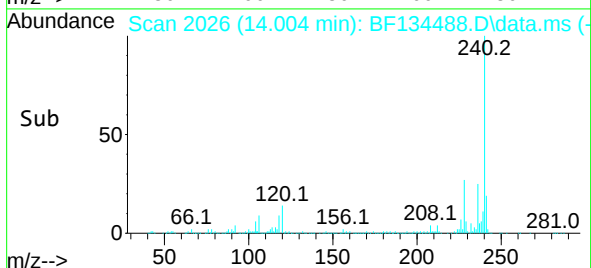
Supervised By :mohammad ahmed 07/27/2023

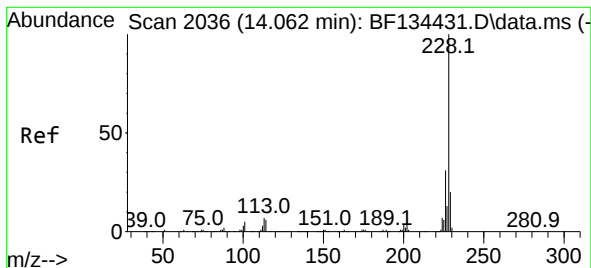


#81
 Benzo(a)anthracene
 Concen: 2.157 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. -0.018 min
 Lab File: BF134488.D
 Acq: 26 Jul 2023 18:31



Tgt Ion:228 Resp: 28238
 Ion Ratio Lower Upper
 228 100
 226 26.7 22.3 33.5
 229 21.1 15.8 23.6





#83

Chrysene

Concen: 2.913 ng

RT: 14.039 min Scan# 2036

Delta R.T. -0.024 min

Lab File: BF134488.D

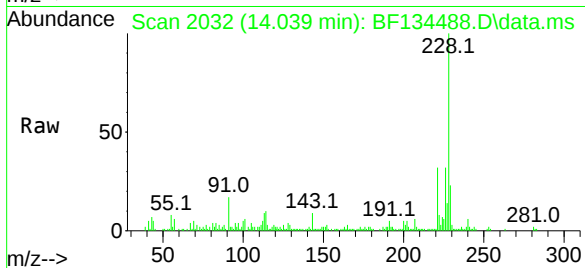
Acq: 26 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

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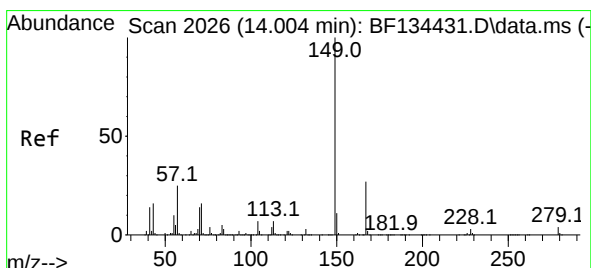
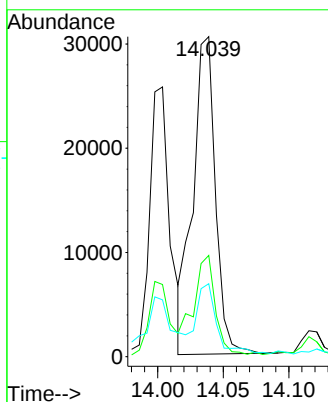
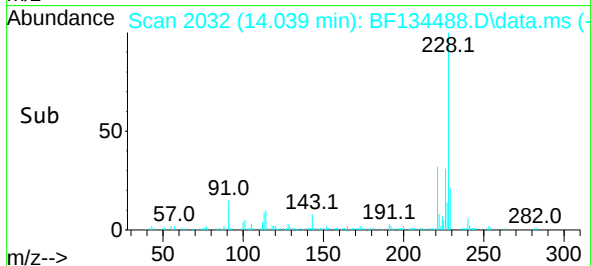
Tgt Ion:	228	Resp:	3647
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.5	36.7
229	22.8	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#84

Bis(2-ethylhexyl)phthalate

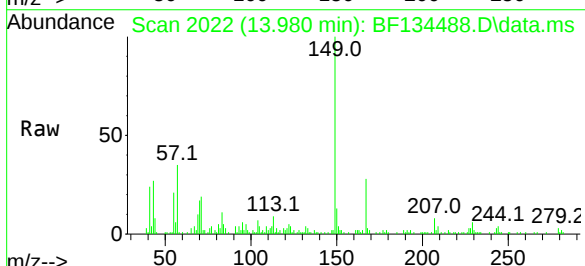
Concen: 2.738 ng

RT: 13.980 min Scan# 2022

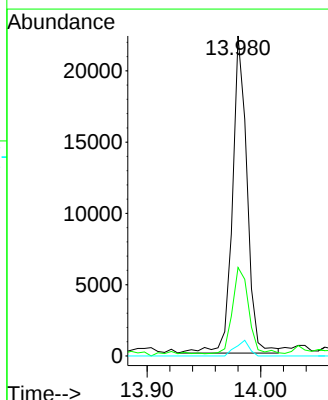
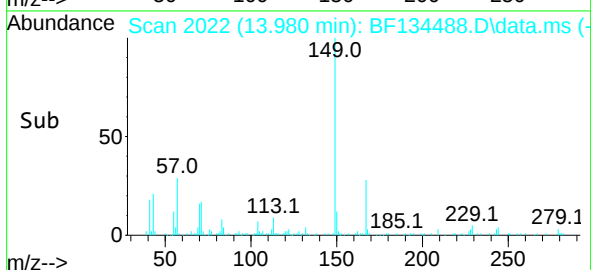
Delta R.T. -0.024 min

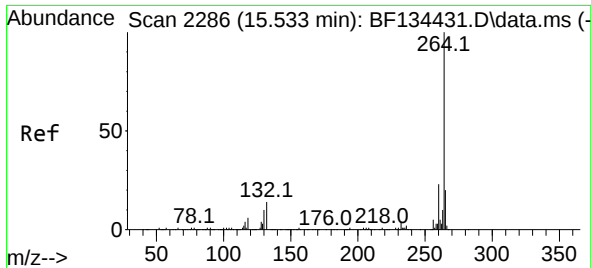
Lab File: BF134488.D

Acq: 26 Jul 2023 18:31



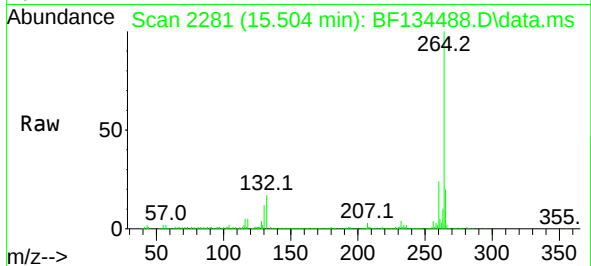
Tgt Ion:	149	Resp:	19874
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.6	32.4
279	3.2	3.5	5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

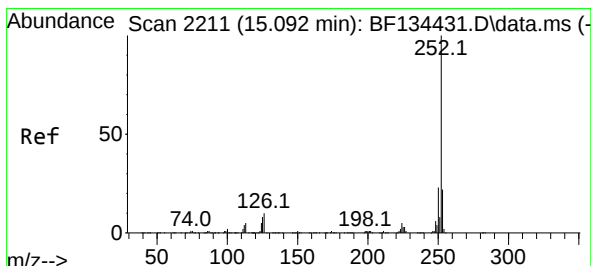
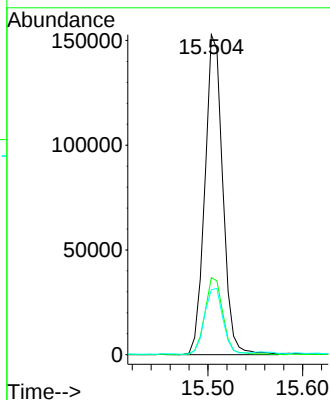
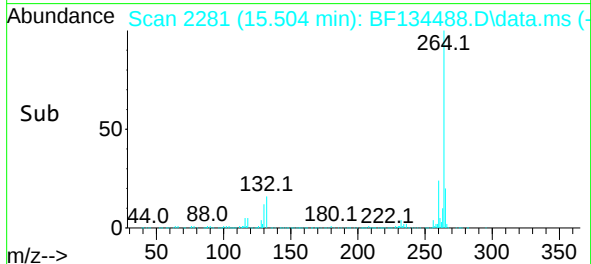
Instrument :
BNA_F
ClientSampleId :
363



Tgt Ion:264 Resp: 200434
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 20.3 15.8 23.8

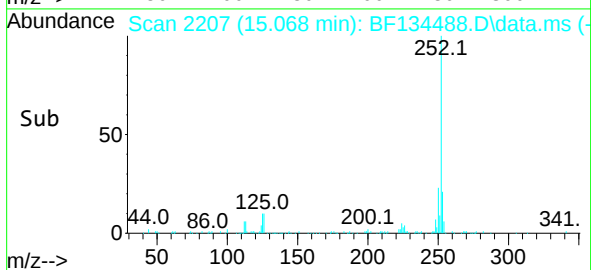
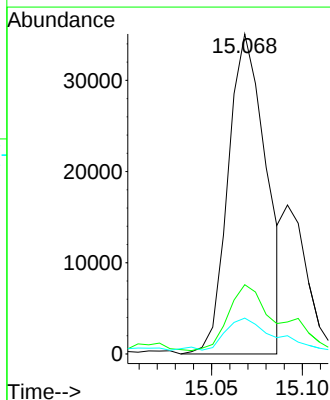
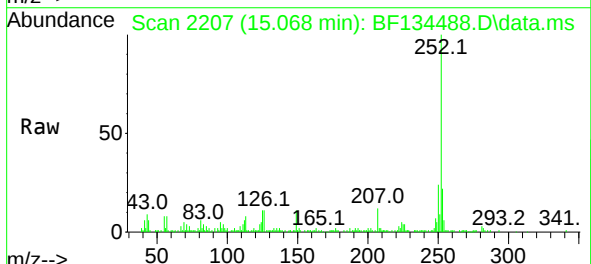
Manual Integrations
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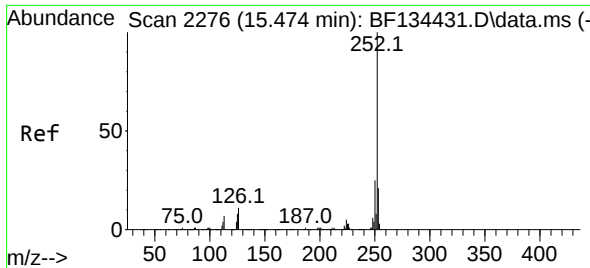
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#88
Benzo(b)fluoranthene
Concen: 4.074 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.024 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

Tgt Ion:252 Resp: 51081
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 11.2 6.0 9.0#





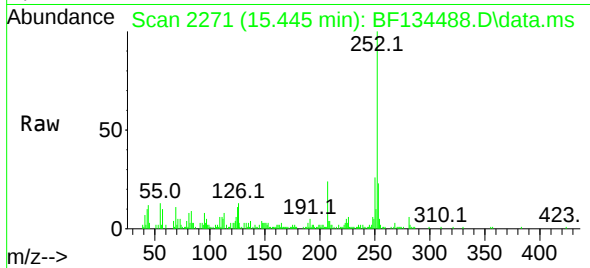
#90
Benzo(a)pyrene
Concen: 2.327 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

Instrument :

BNA_F

ClientSampleId :

363

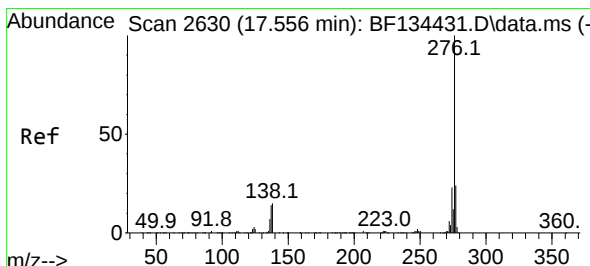
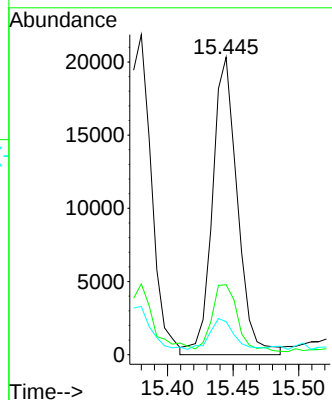
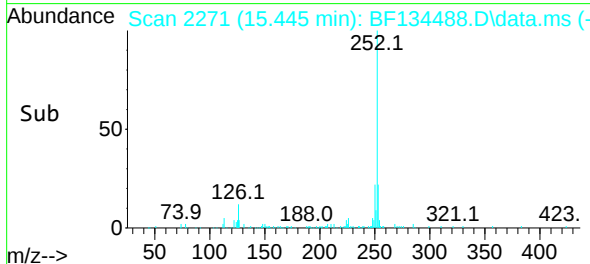


Tgt Ion:252 Resp: 2697
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 11.1 6.2 9.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#92
Benzo(g,h,i)perylene
Concen: 2.135 ng
RT: 17.509 min Scan# 2622
Delta R.T. -0.047 min
Lab File: BF134488.D
Acq: 26 Jul 2023 18:31

Tgt Ion:276 Resp: 23185
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 19.7 12.2 18.2

