

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134972.D
 Acq On : 28 Aug 2023 17:05
 Operator : CG\JU
 Sample : 04160-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24449

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:50:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	90568	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	335639	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	130989	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	184065	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	190219	20.000	ng	0.02
86) Perylene-d12	15.468	264	186480	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	109764	19.326	ng	0.00
7) Phenol-d6	6.439	99	351004	48.366	ng	0.00
23) Nitrobenzene-d5	7.351	82	289929	47.599	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	3743	2.426	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	499472	58.946	ng	-0.01
79) Terphenyl-d14	12.933	244	417422	30.182	ng	0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.934	79	21536	4.271	ng	97
71) Phenanthrene	11.351	178	109773	11.381	ng	# 90
75) Fluoranthene	12.557	202	87572	9.582	ng	84
78) Pyrene	12.792	202	82304	4.081	ng	# 87
81) Benzo(a)anthracene	13.986	228	40387	3.112	ng	# 83
83) Chrysene	14.021	228	47791	3.732	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	44691m	4.248	ng	
90) Benzo(a)pyrene	15.404	252	25985	2.474	ng	# 60

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

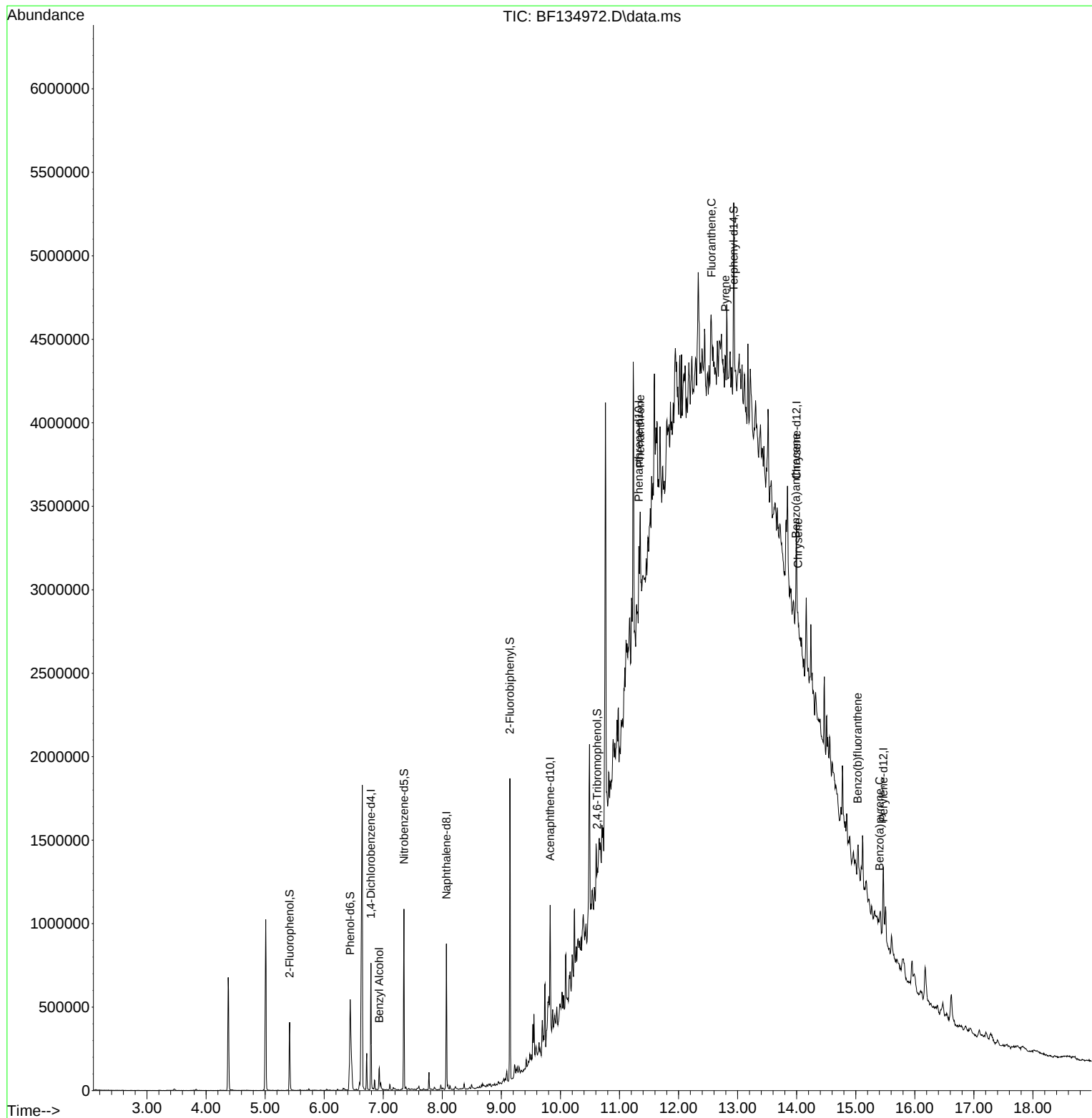
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

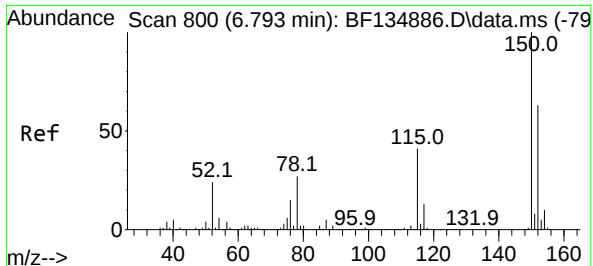
Instrument :
BNA_F
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Quant Time: Aug 29 03:50:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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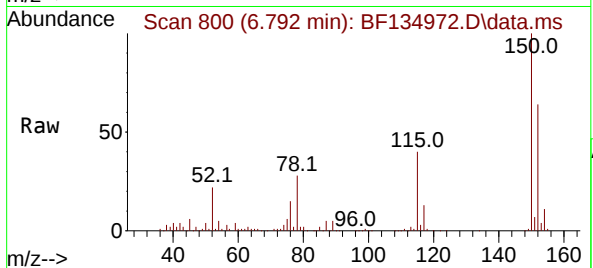
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

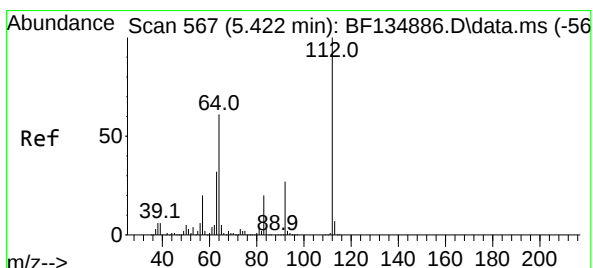
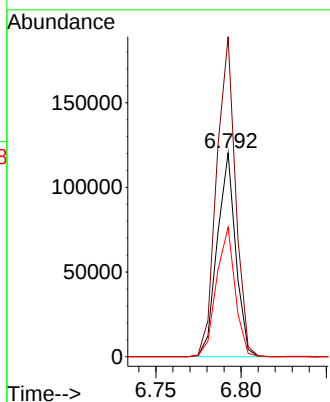
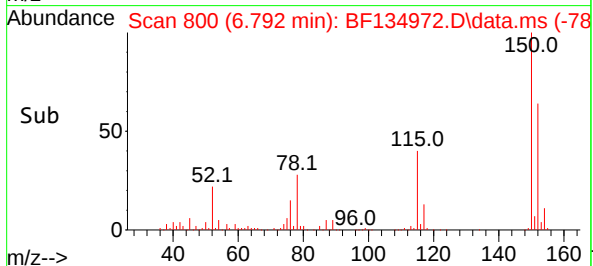


Tgt Ion:152 Resp: 9056
Ion Ratio Lower Upper
152 100
150 157.0 126.1 189.1
115 63.6 51.1 76.7

Manual Integrations

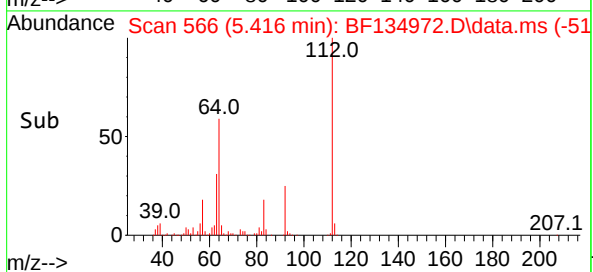
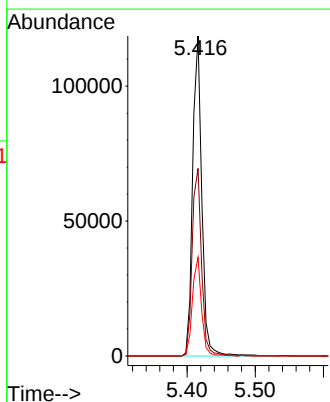
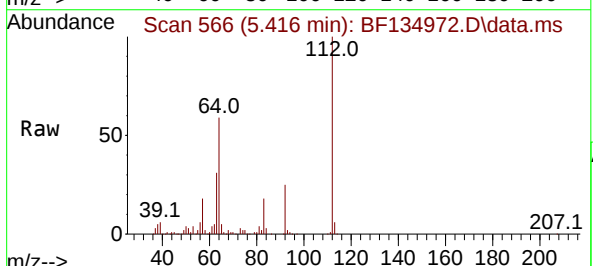
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#5
2-Fluorophenol
Concen: 19.326 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

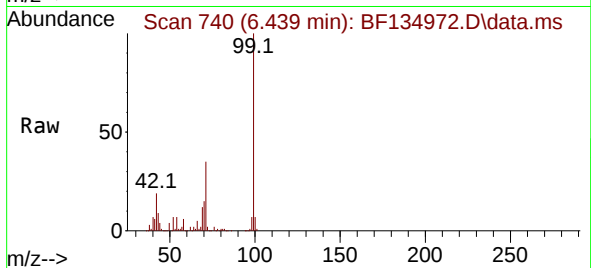
Tgt Ion:112 Resp: 109764
Ion Ratio Lower Upper
112 100
64 58.6 48.6 73.0
63 30.8 25.7 38.5





#7
Phenol-d6
Concen: 48.366 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

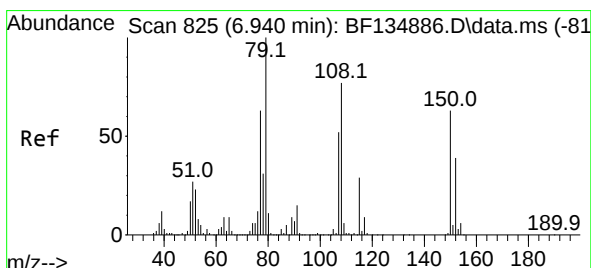
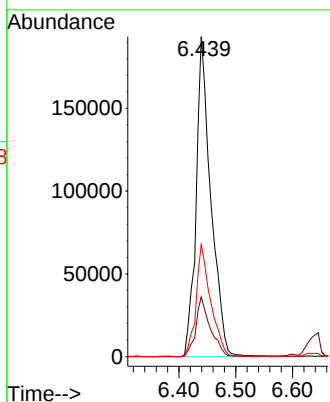
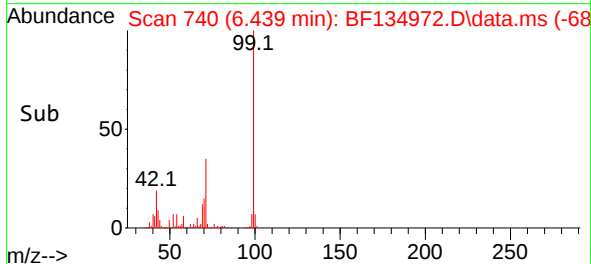
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 351004
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 35.1 27.6 41.4

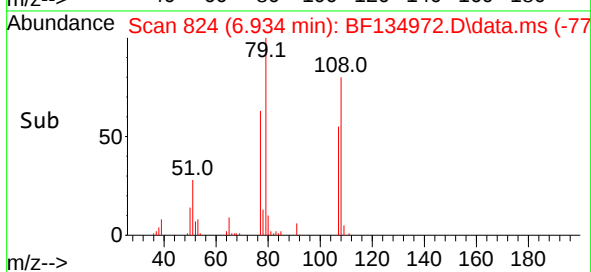
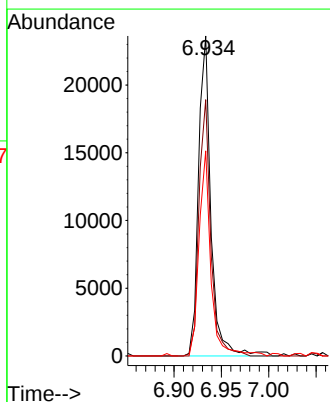
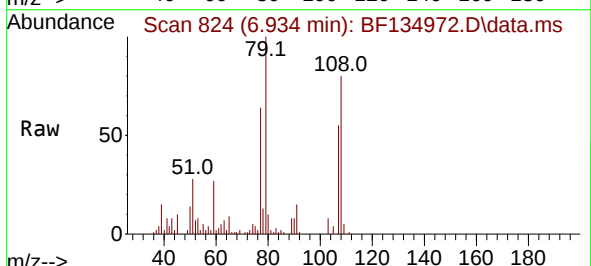
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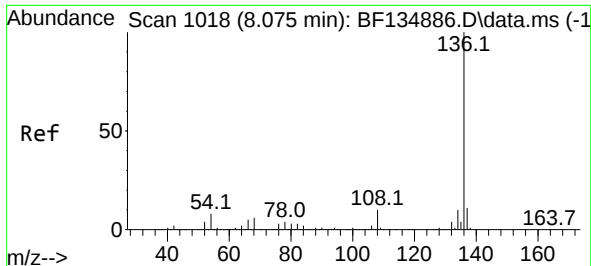
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#15
Benzyl Alcohol
Concen: 4.271 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion: 79 Resp: 21536
Ion Ratio Lower Upper
79 100
108 80.1 61.4 92.2
77 64.1 50.1 75.1





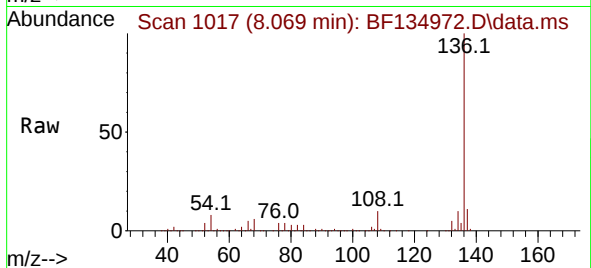
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

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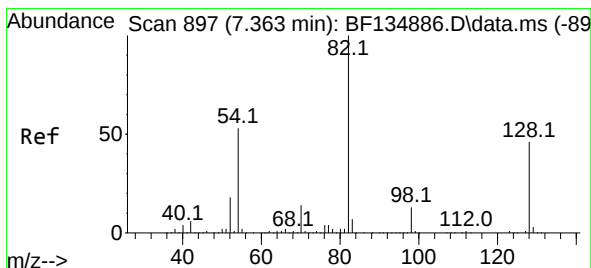
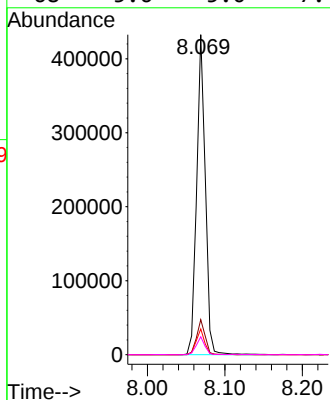
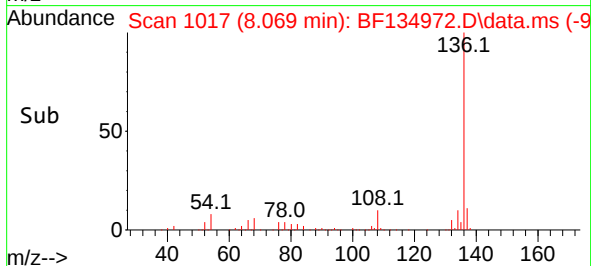
Tgt Ion:136 Resp: 335639
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.6 9.8
68 5.6 5.0 7.4

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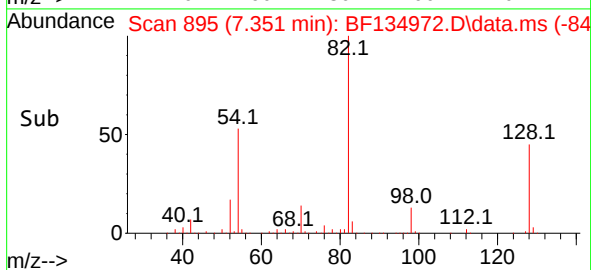
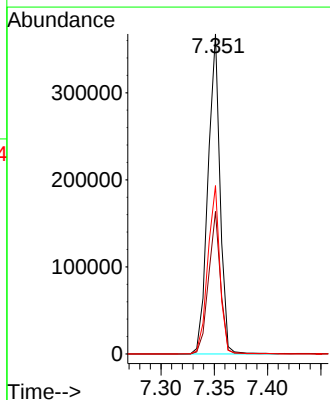
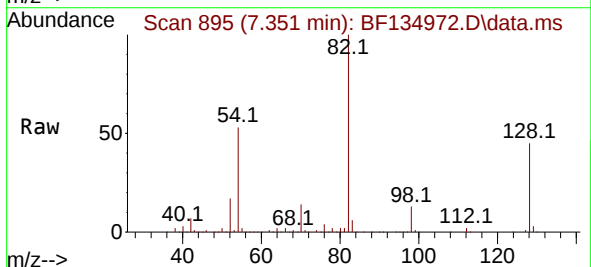
Reviewed By :Yogesh Patel 08/29/2023

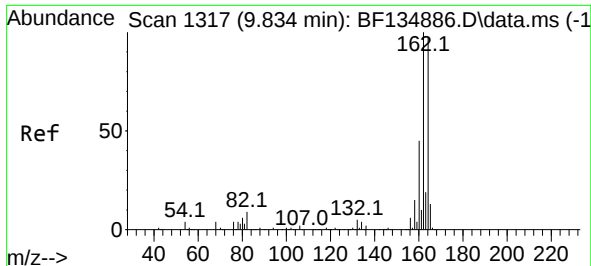
Supervised By :mohammad ahmed 08/29/2023



#23
Nitrobenzene-d5
Concen: 47.599 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion: 82 Resp: 289929
Ion Ratio Lower Upper
82 100
128 44.5 36.6 54.8
54 52.6 42.6 63.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

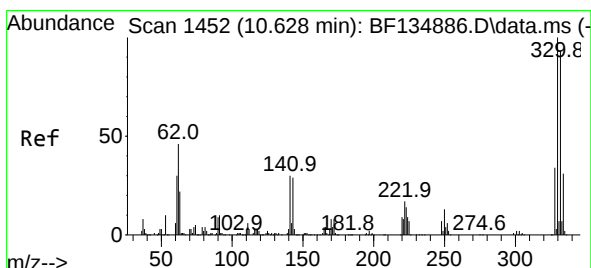
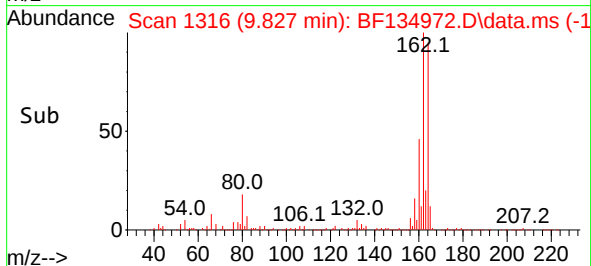
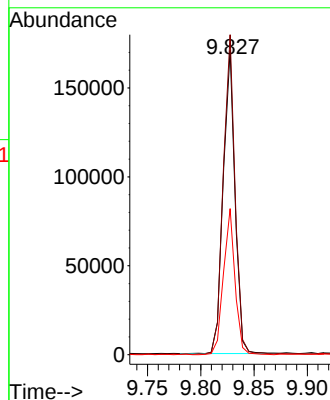
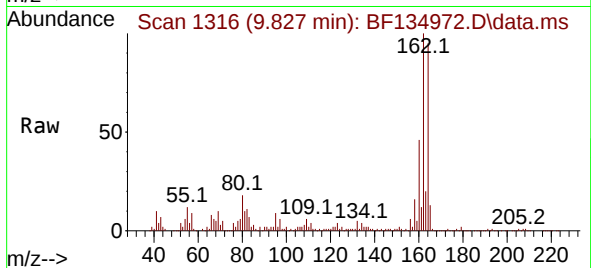
Tgt Ion:164 Resp: 130989
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.6 123.8
 160 48.0 37.0 55.4

Manual Integrations

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Supervised By :mohammad ahmed 08/29/2023



#42

2,4,6-Tribromophenol

Concen: 2.426 ng

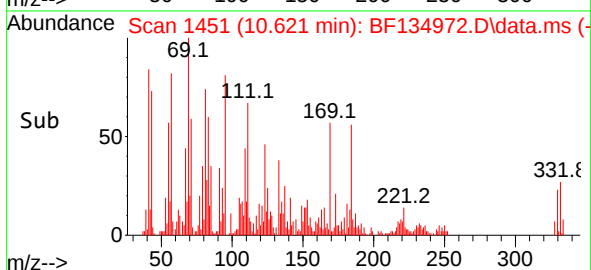
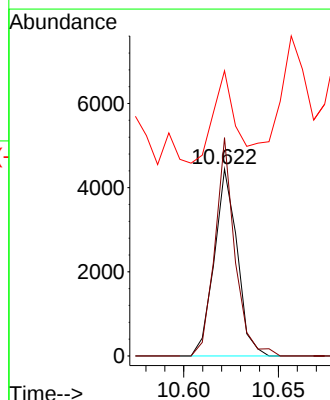
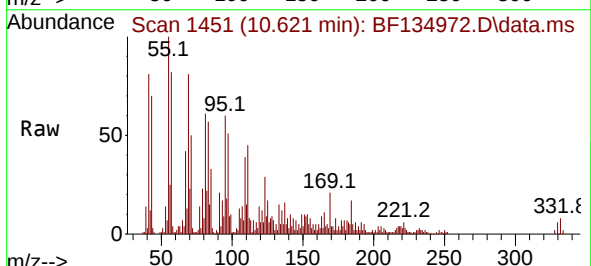
RT: 10.621 min Scan# 1451

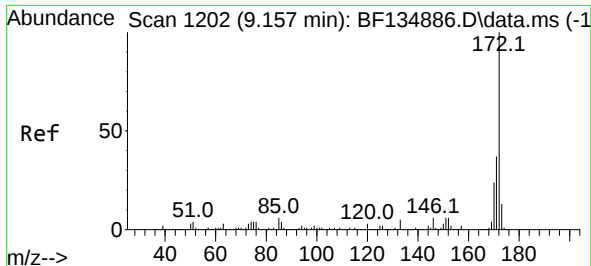
Delta R.T. -0.006 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Tgt Ion:330 Resp: 3743
 Ion Ratio Lower Upper
 330 100
 332 102.1 76.3 114.5
 141 45.8 23.4 35.2#





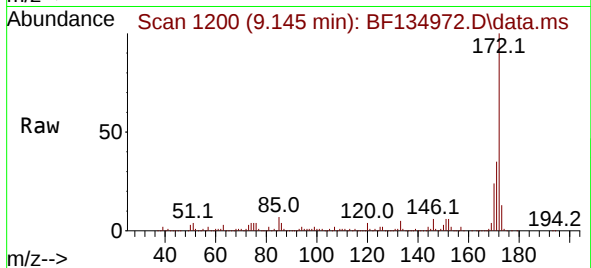
#45
2-Fluorobiphenyl
Concen: 58.946 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

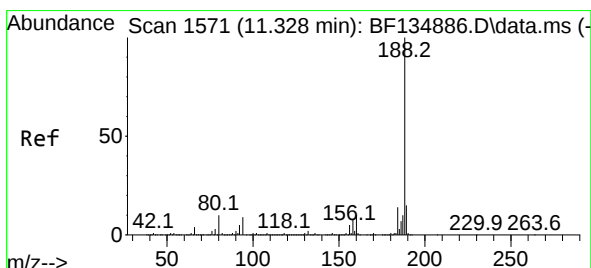
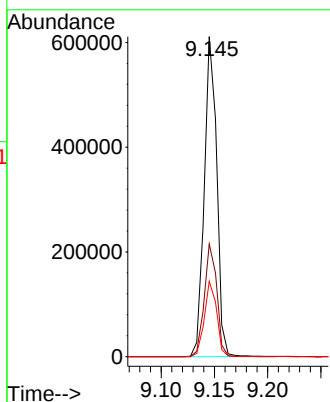
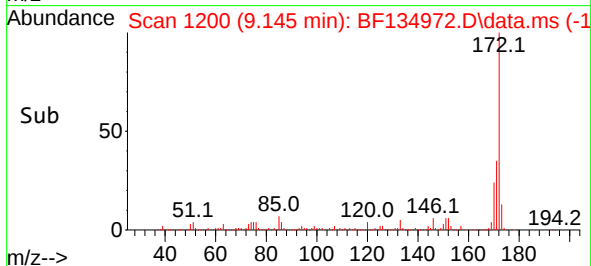
CHRT-24449



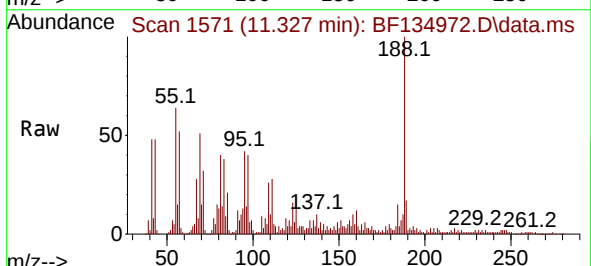
Tgt Ion:172 Resp: 499472
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 23.5 19.6 29.4

Manual Integrations
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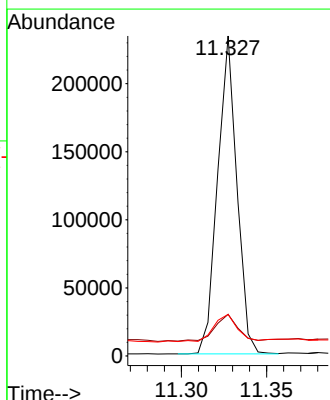
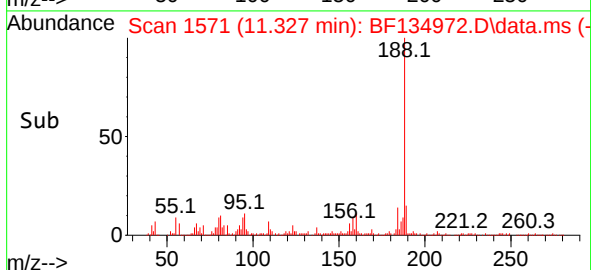
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

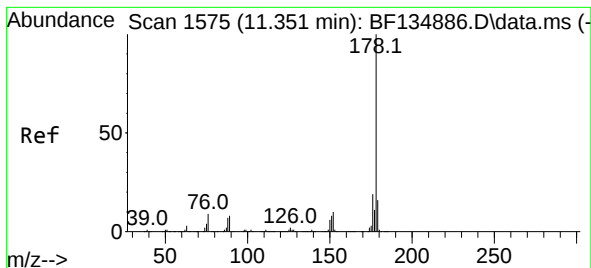


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05



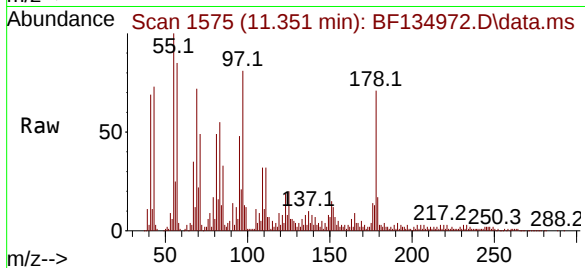
Tgt Ion:188 Resp: 184065
Ion Ratio Lower Upper
188 100
94 13.0 7.5 11.3#
80 13.0 7.8 11.6#





#71
Phenanthrene
Concen: 11.381 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

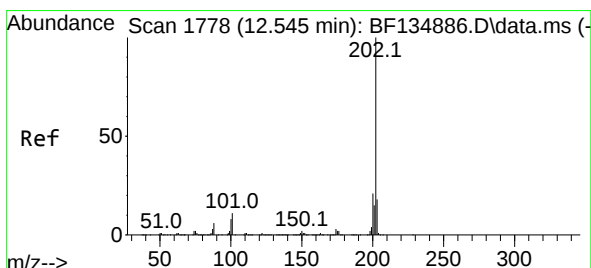
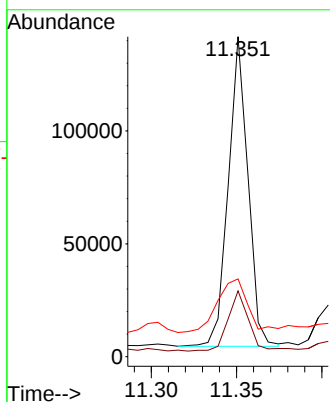
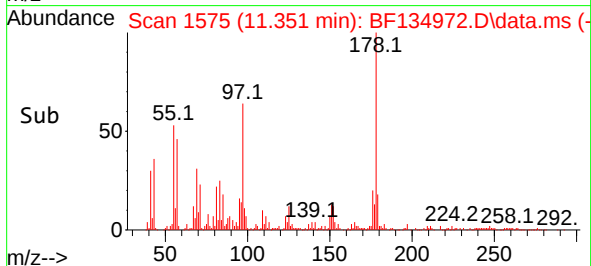
Instrument :
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ClientSampleId :
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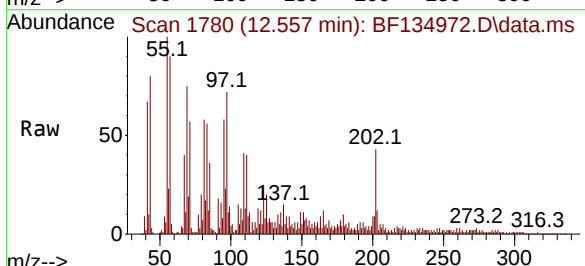
Tgt Ion:178 Resp: 109772
Ion Ratio Lower Upper
178 100
176 20.5 15.5 23.3
179 24.3 12.6 19.0

Manual Integrations
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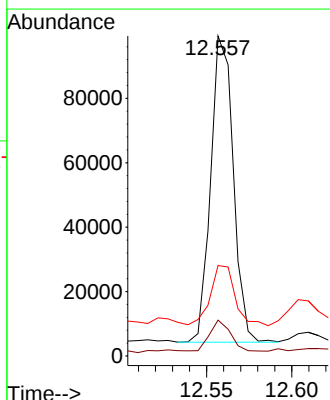
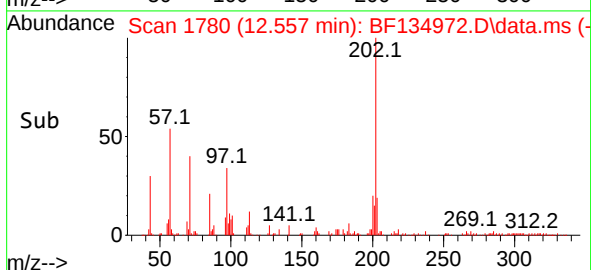
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

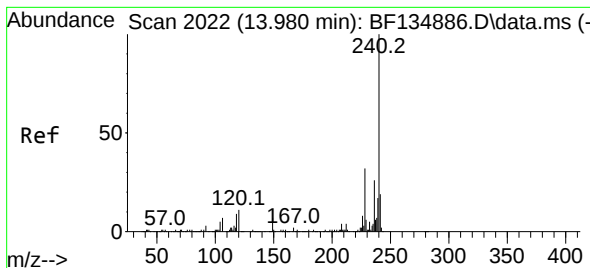


#75
Fluoranthene
Concen: 9.582 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.012 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05



Tgt Ion:202 Resp: 87572
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.5
203 28.2 0.0 37.8





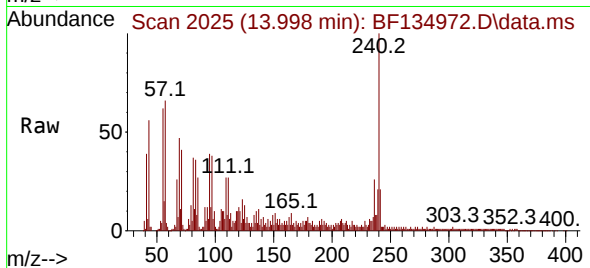
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2022
Delta R.T. 0.017 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Instrument :

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CHRT-24449

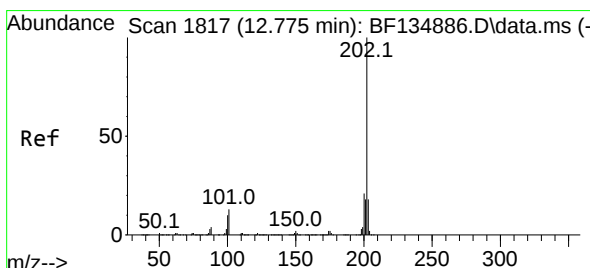
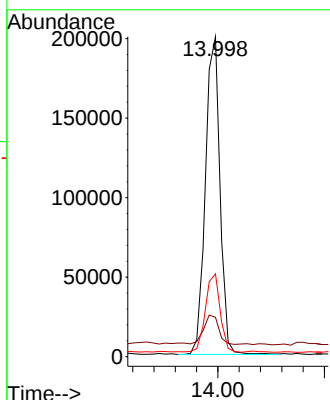
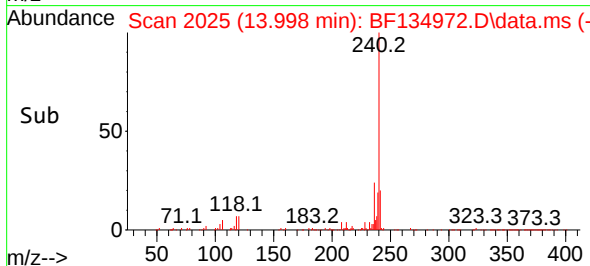


Tgt Ion:240 Resp: 190219
Ion Ratio Lower Upper
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120 12.3 8.6 12.8
236 25.9 20.6 31.0

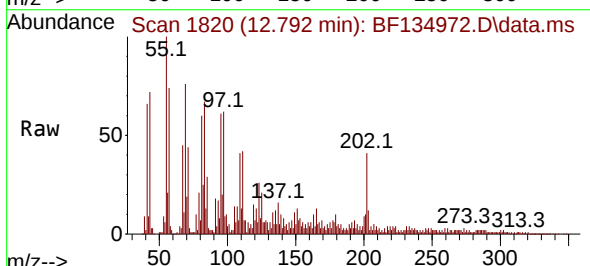
Manual Integrations

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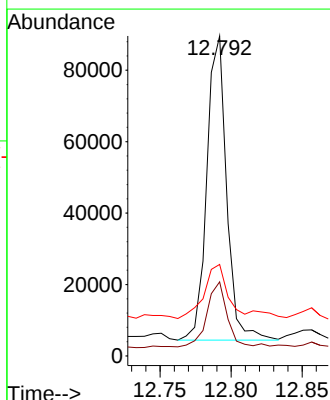
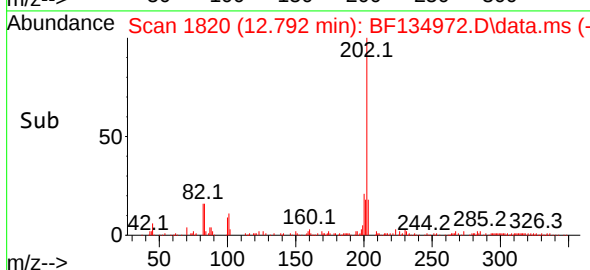
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

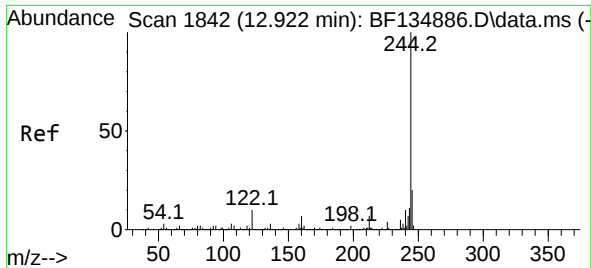


#78
Pyrene
Concen: 4.081 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.017 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05



Tgt Ion:202 Resp: 82304
Ion Ratio Lower Upper
202 100
200 23.2 17.1 25.7
203 28.6 14.2 21.2#





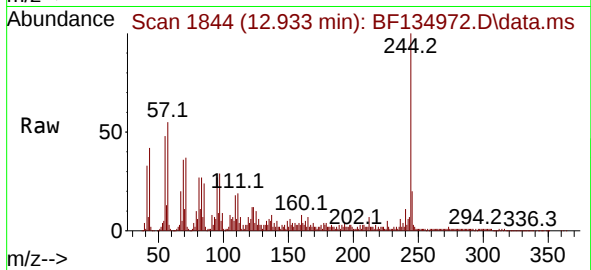
#79
 Terphenyl-d14
 Concen: 30.182 ng
 RT: 12.933 min Scan# 1842
 Delta R.T. 0.011 min
 Lab File: BF134972.D
 Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

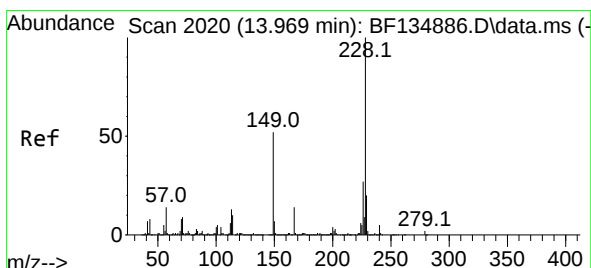
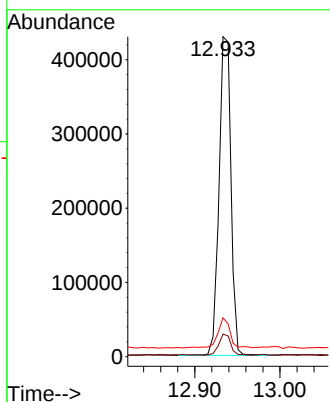
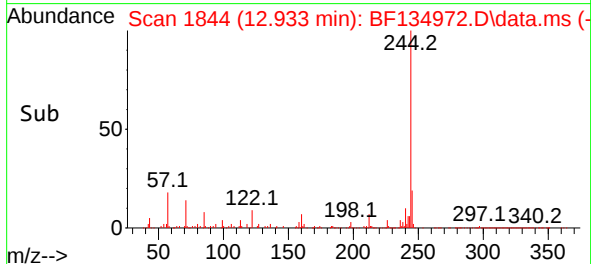


Tgt Ion:244 Resp: 41742
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.2 8.2 12.4

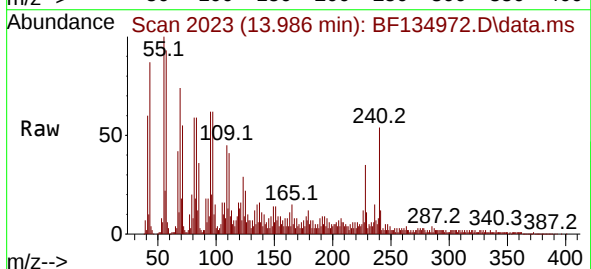
Manual Integrations

APPROVED

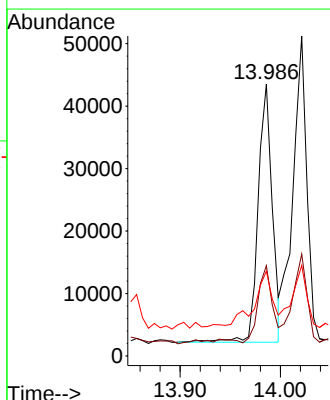
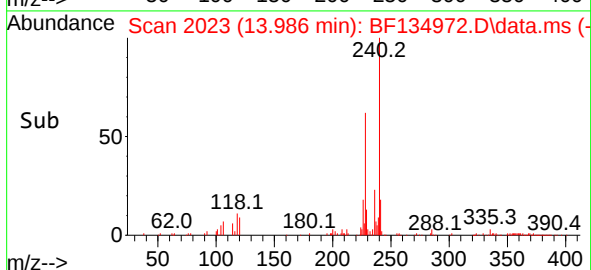
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

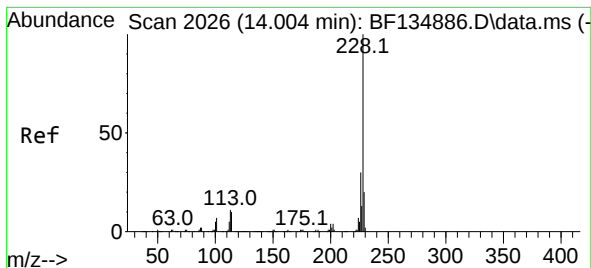


#81
 Benzo(a)anthracene
 Concen: 3.112 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. 0.017 min
 Lab File: BF134972.D
 Acq: 28 Aug 2023 17:05



Tgt Ion:228 Resp: 40387
 Ion Ratio Lower Upper
 228 100
 226 33.2 21.8 32.6#
 229 31.2 15.6 23.4#





#83

Chrysene

Concen: 3.732 ng

RT: 14.021 min Scan# 2026

Delta R.T. 0.017 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Instrument :

BNF

ClientSampleId :

CHRT-24449

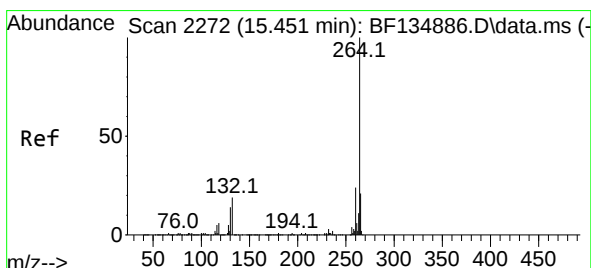
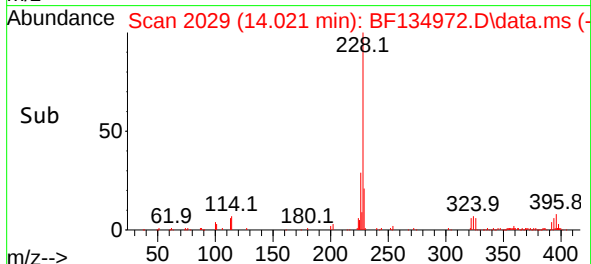
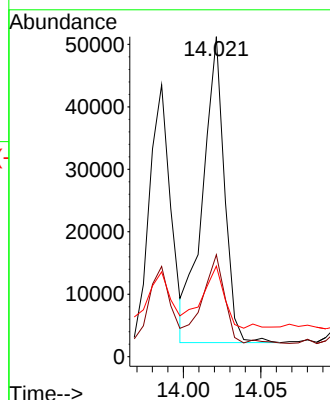
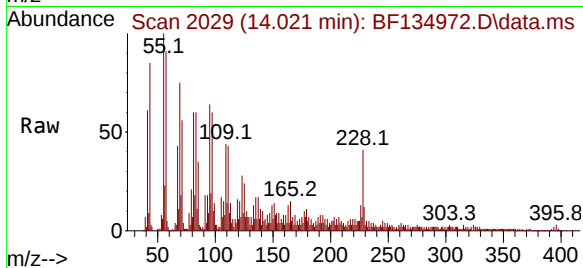
Tgt Ion:228	Resp: 4779
Ion Ratio	Lower Upper
228 100	
226 31.8	24.2 36.2
229 28.3	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#86

Perylene-d12

Concen: 20.000 ng

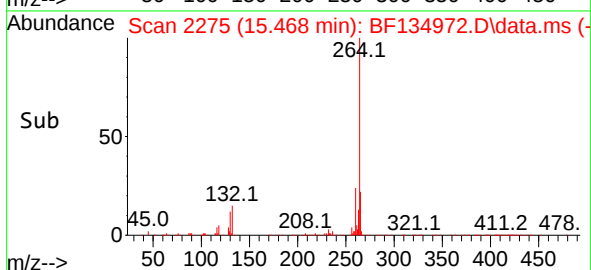
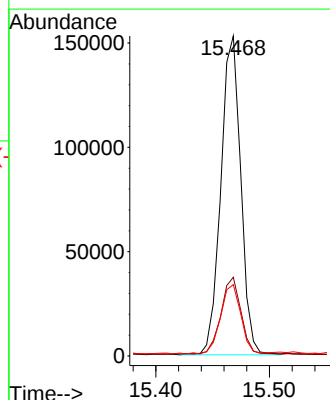
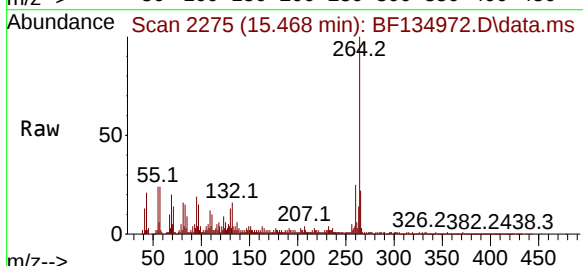
RT: 15.468 min Scan# 2275

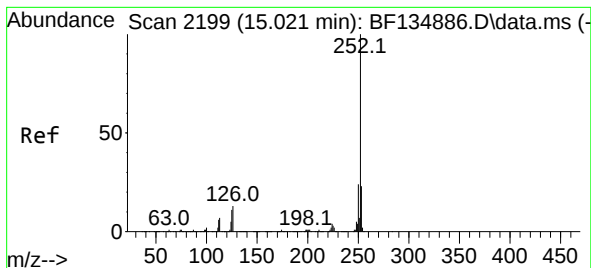
Delta R.T. 0.017 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Tgt Ion:264	Resp: 186480
Ion Ratio	Lower Upper
264 100	
260 24.6	19.0 28.6
265 22.3	17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 4.248 ng m

RT: 15.033 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF134972.D

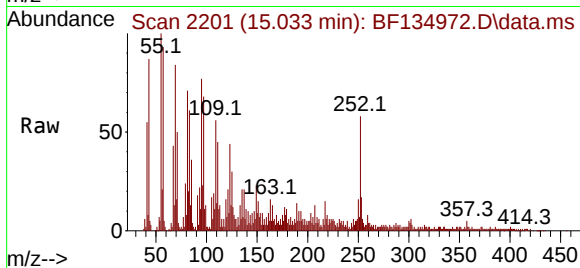
Acq: 28 Aug 2023 17:05

Instrument :

BNF

ClientSampleId :

CHRT-24449



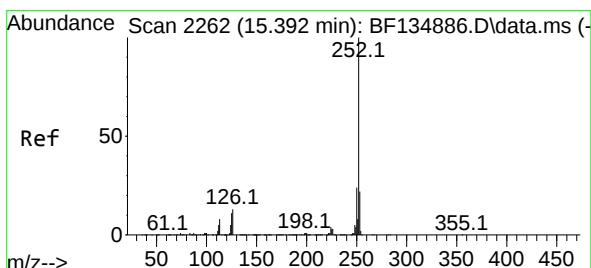
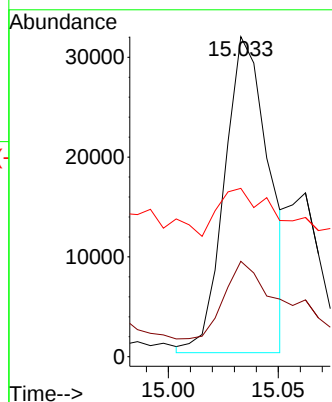
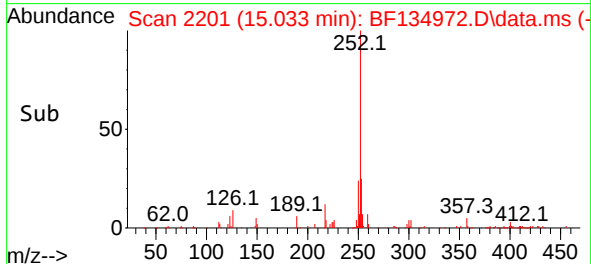
Tgt Ion:252	Resp:	4469
Ion Ratio	Lower	Upper
252	100	
253	29.8	18.1 27.1
125	52.6	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#90

Benzo(a)pyrene

Concen: 2.474 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.012 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Tgt Ion:252	Resp:	25985
Ion Ratio	Lower	Upper
252	100	
253	25.1	17.6 26.4
125	52.2	8.4 12.6

