

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134921.D
 Acq On : 24 Aug 2023 13:32
 Operator : CG\JU
 Sample : 04099-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 24 15:56:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	90895	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	327502	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	94783	20.000	ng	0.01
64) Phenanthrene-d10	11.428	188	84027m	20.000	ng	0.10
76) Chrysene-d12	14.098	240	129898m	20.000	ng	0.12
86) Perylene-d12	15.515	264	182134	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	281455	49.378	ng	0.00
7) Phenol-d6	6.428	99	412668	56.658	ng	-0.01
23) Nitrobenzene-d5	7.351	82	243923	41.041	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	42870	38.403	ng	0.07
45) 2-Fluorobiphenyl	9.151	172	469687	76.605	ng	0.00
79) Terphenyl-d14	13.063	244	237048	25.099	ng	0.14
Target Compounds						
71) Phenanthrene	11.451	178	183907m	41.767	ng	Qvalue
81) Benzo(a)anthracene	14.116	228	98485m	11.112	ng	

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

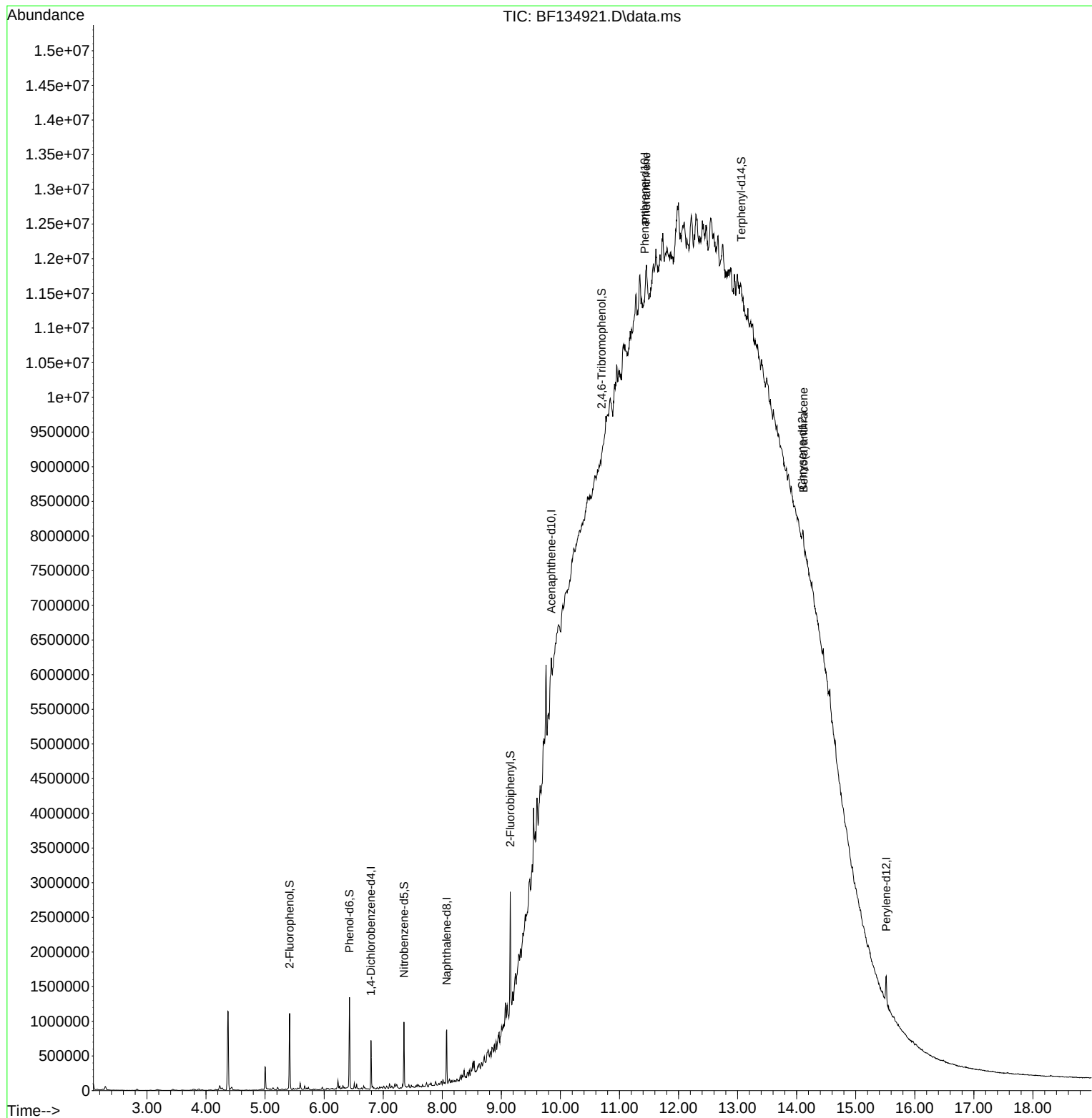
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134921.D
Acq On : 24 Aug 2023 13:32
Operator : CG\JU
Sample : 04099-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

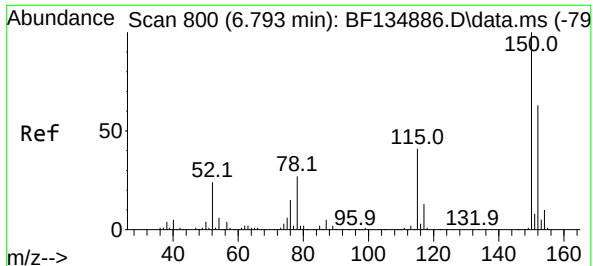
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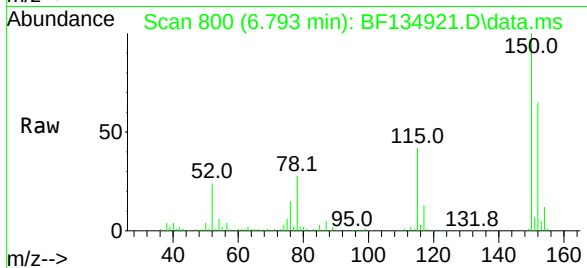
Quant Time: Aug 24 15:56:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

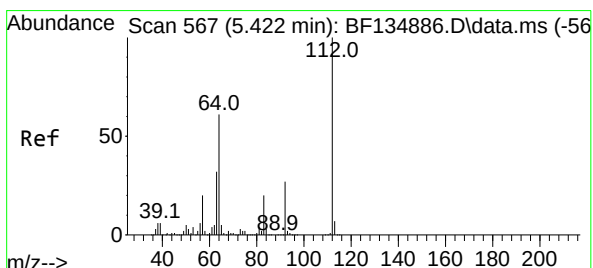
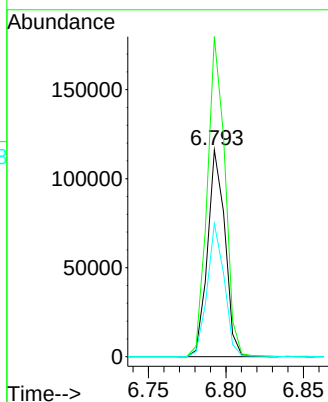
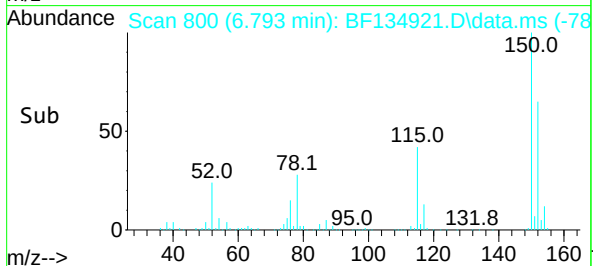
Instrument :
BNA_F
Client SampleId :
CONC-WC-1



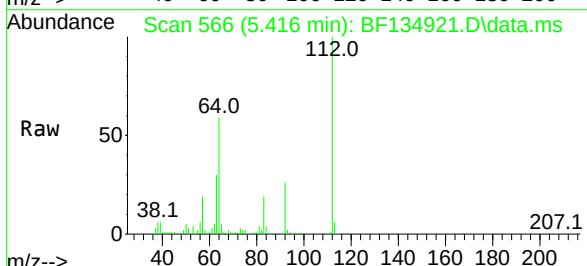
Tgt Ion:152 Resp: 9089
Ion Ratio Lower Upper
152 100
150 154.8 126.1 189.1
115 64.4 51.1 76.7

Manual Integrations
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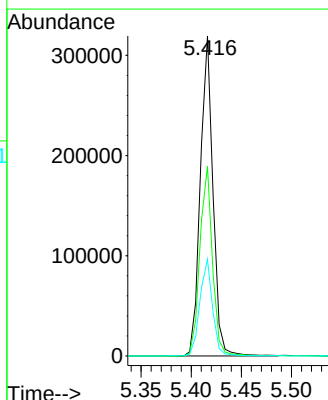
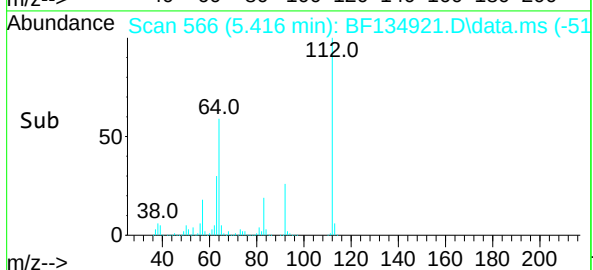
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

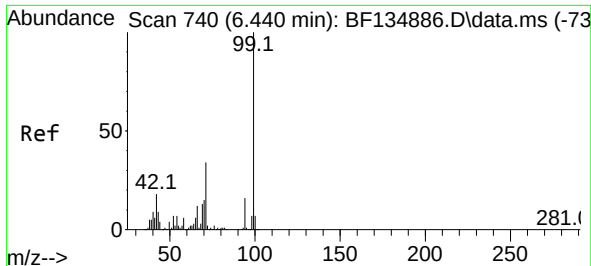


#5
2-Fluorophenol
Concen: 49.378 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32



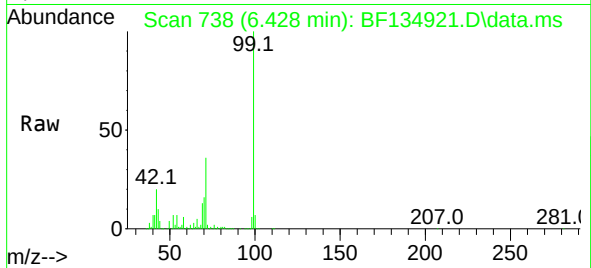
Tgt Ion:112 Resp: 281455
Ion Ratio Lower Upper
112 100
64 59.3 48.6 73.0
63 30.2 25.7 38.5





#7
Phenol-d6
Concen: 56.658 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

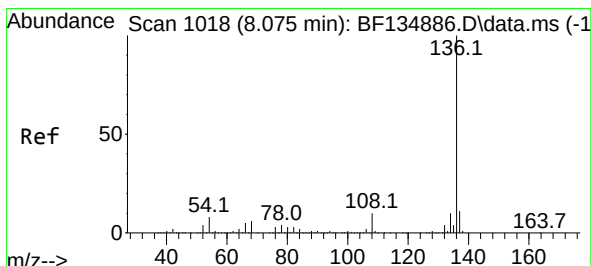
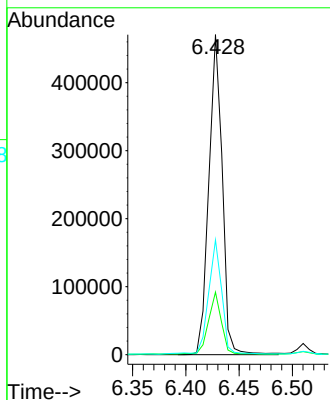
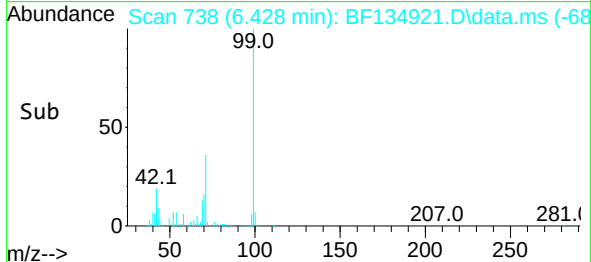
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 412668
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 35.9 27.6 41.4

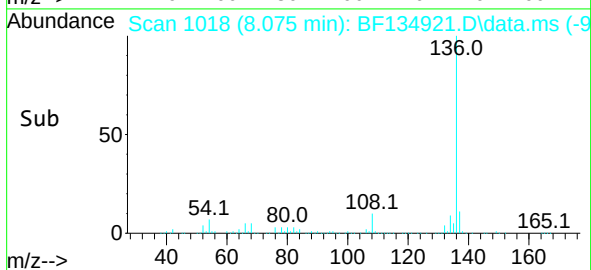
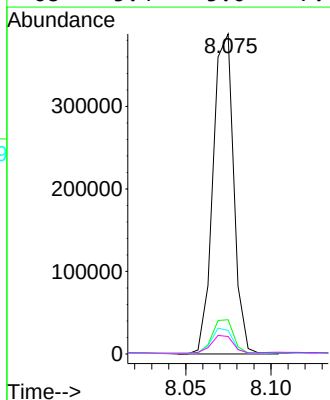
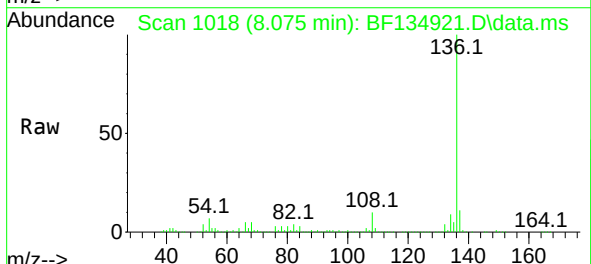
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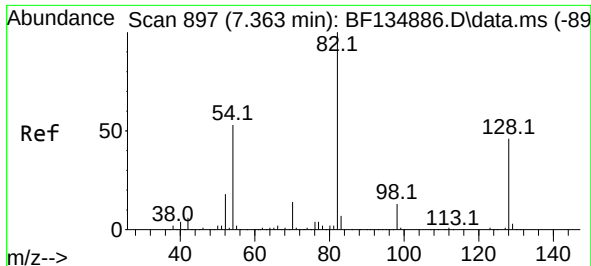
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

Tgt Ion:136 Resp: 327502
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.4 6.6 9.8
68 5.4 5.0 7.4





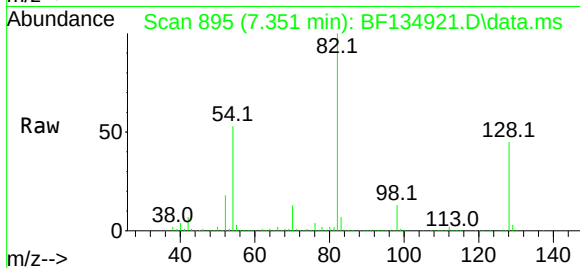
#23
Nitrobenzene-d5
Concen: 41.041 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

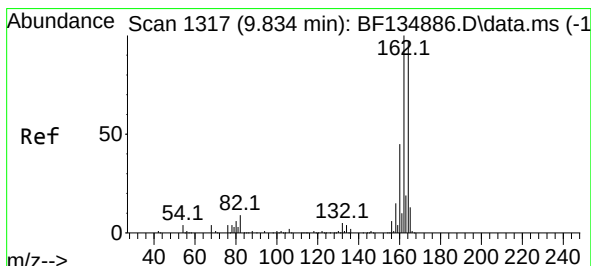
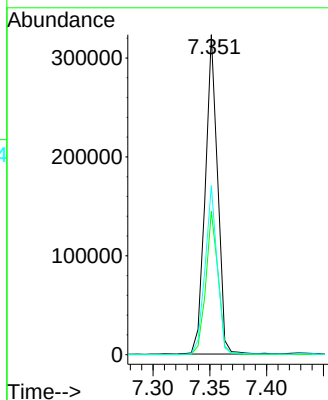
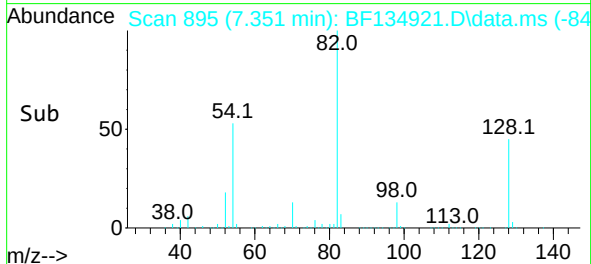


Tgt Ion: 82 Resp: 243923
Ion Ratio Lower Upper
82 100
128 44.8 36.6 54.8
54 52.8 42.6 63.8

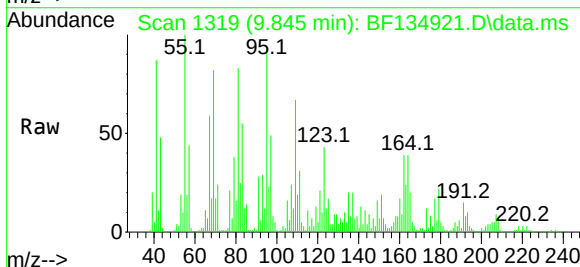
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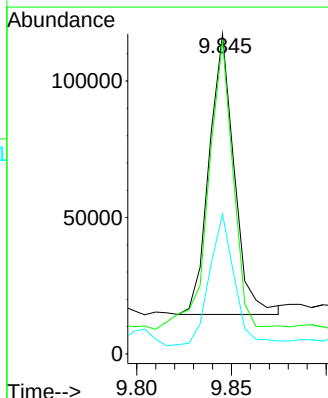
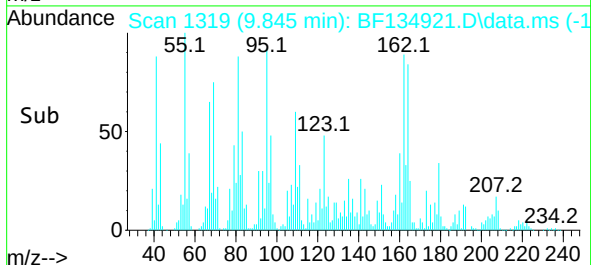
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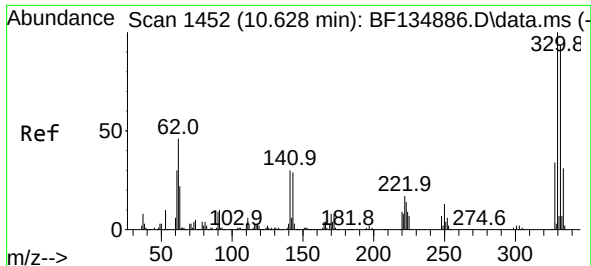


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32



Tgt Ion:164 Resp: 94783
Ion Ratio Lower Upper
164 100
162 98.2 82.6 123.8
160 43.7 37.0 55.4





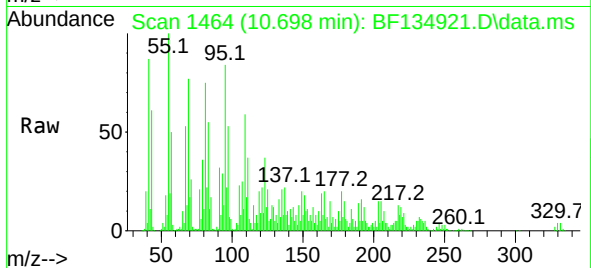
#42
2,4,6-Tribromophenol
Concen: 38.403 ng
RT: 10.698 min Scan# 1452
Delta R.T. 0.071 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

Instrument :

BNA_F

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CONC-WC-1



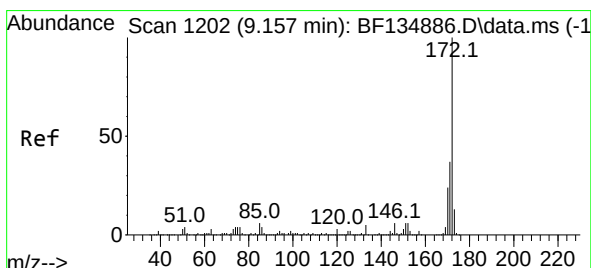
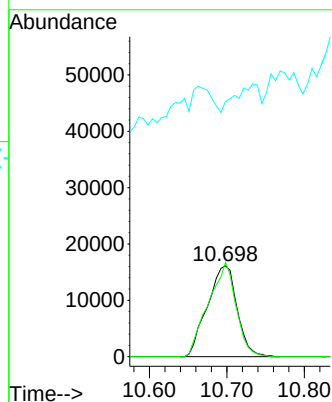
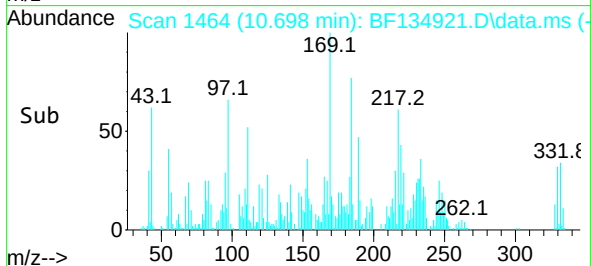
Tgt Ion: 330 Resp: 42870
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 0.0 23.4 35.2

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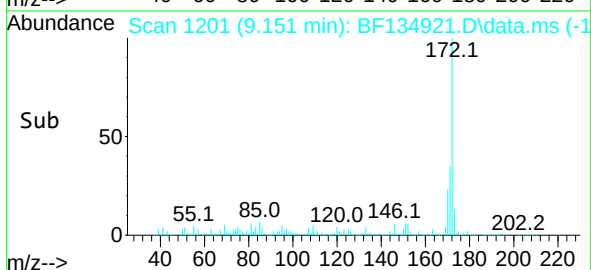
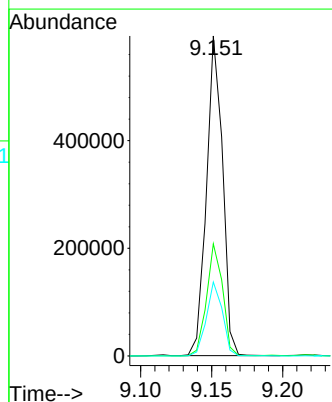
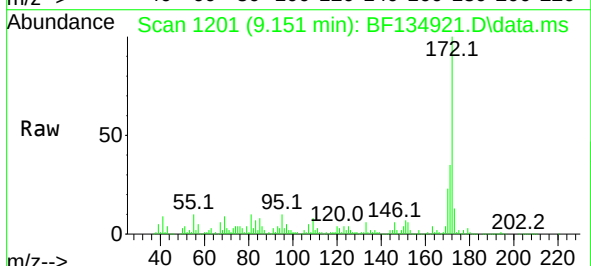
Reviewed By : Yogesh Patel 08/25/2023

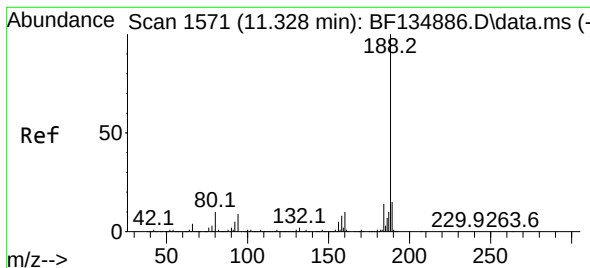
Supervised By : mohammad ahmed 08/25/2023



#45
2-Fluorobiphenyl
Concen: 76.605 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

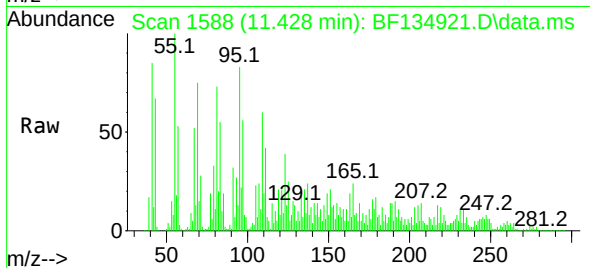
Tgt Ion: 172 Resp: 469687
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 23.1 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.428 min Scan# 11428
Delta R.T. 0.100 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

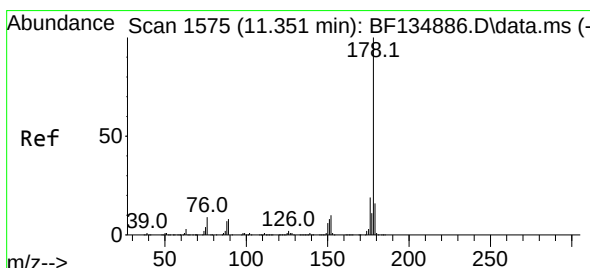
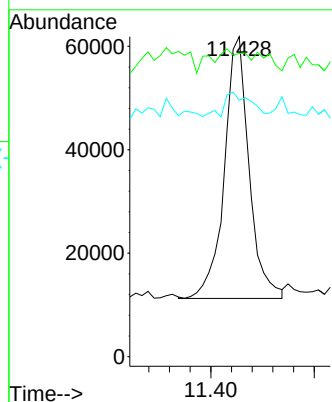
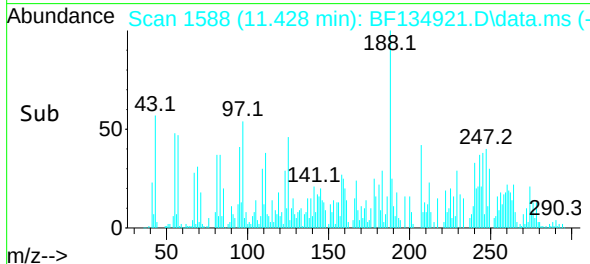
Instrument :
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ClientSampleId :
CONC-WC-1



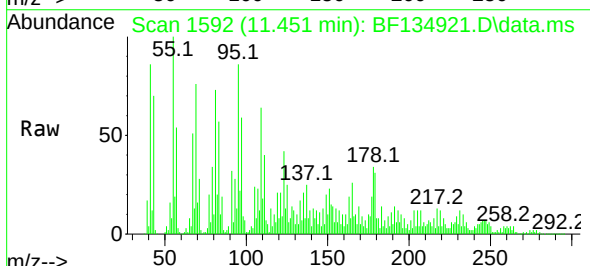
Tgt Ion:188 Resp: 8402
Ion Ratio Lower Upper
188 100
94 94.7 7.5 11.3#
80 80.2 7.8 11.6#

Manual Integrations
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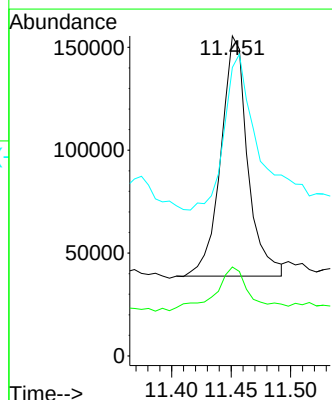
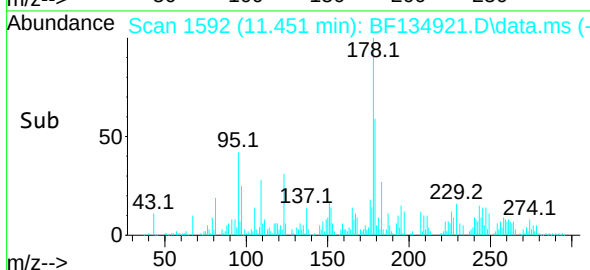
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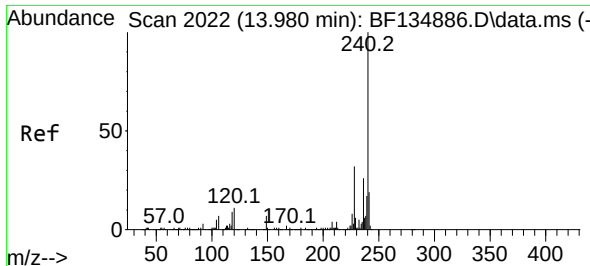


#71
Phenanthrene
Concen: 41.767 ng m
RT: 11.451 min Scan# 1592
Delta R.T. 0.100 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32



Tgt Ion:178 Resp: 183907
Ion Ratio Lower Upper
178 100
176 27.8 15.5 23.3#
179 90.2 12.6 19.0#





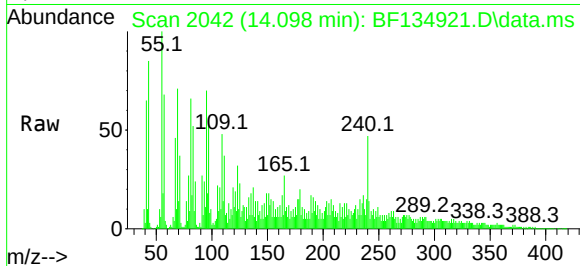
#76
Chrysene-d12
Concen: 20.000 ng m
RT: 14.098 min Scan# 2022
Delta R.T. 0.118 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



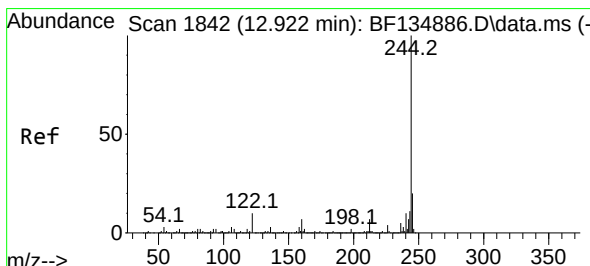
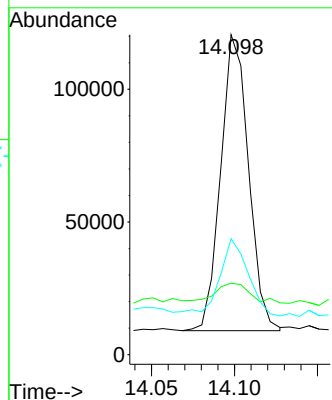
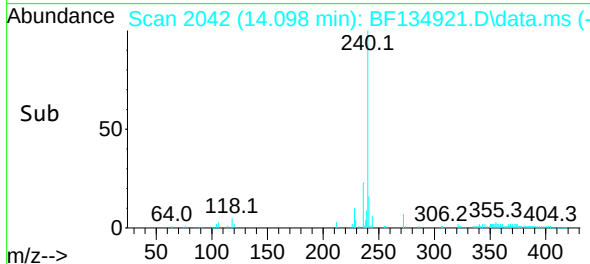
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Ion Ratio Lower Upper
240 100
120 22.3 8.6 12.8#
236 36.3 20.6 31.0#

Manual Integrations

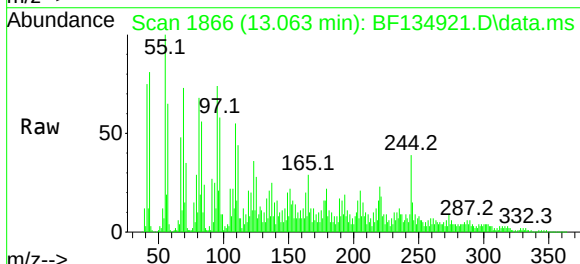
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Reviewed By :Yogesh Patel 08/25/2023

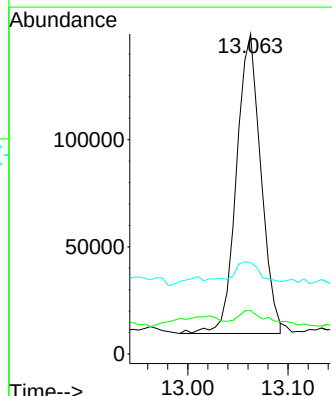
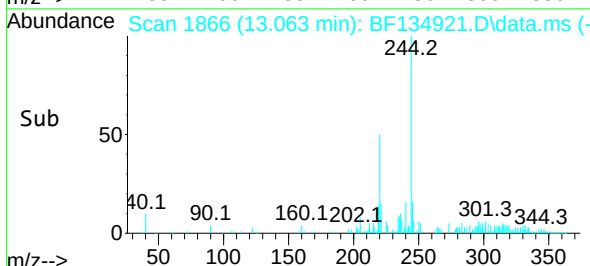
Supervised By :mohammad ahmed 08/25/2023

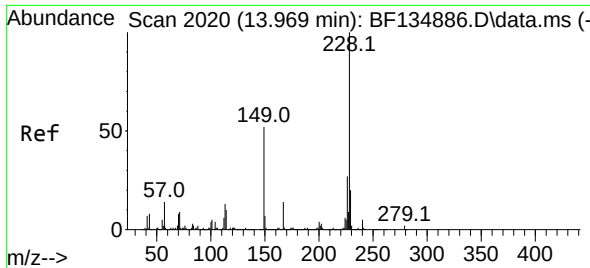


#79
Terphenyl-d14
Concen: 25.099 ng
RT: 13.063 min Scan# 1866
Delta R.T. 0.141 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32



Tgt Ion:244 Resp: 237048
Ion Ratio Lower Upper
244 100
212 13.5 5.4 8.0#
122 28.4 8.2 12.4#





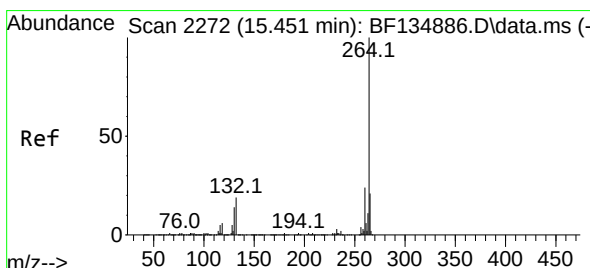
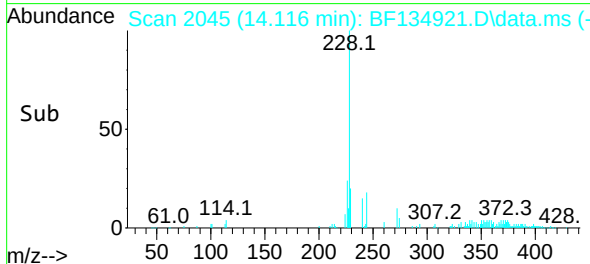
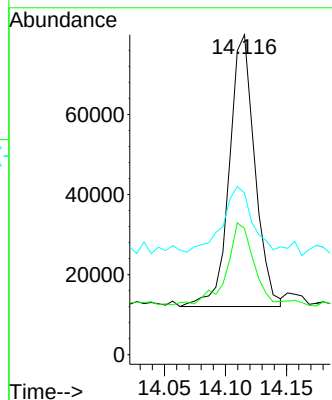
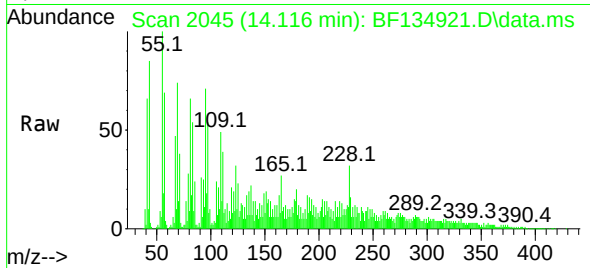
#81
Benzo(a)anthracene
Concen: 11.112 ng m
RT: 14.116 min Scan# 2045
Delta R.T. 0.147 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

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BNA_F
ClientSampleId :
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Tgt Ion:228 Resp: 98485
Ion Ratio Lower Upper
228 100
226 39.4 21.8 32.6
229 50.5 15.6 23.4

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Supervised By :mohammad ahmed 08/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.065 min
Lab File: BF134921.D
Acq: 24 Aug 2023 13:32

Tgt Ion:264 Resp: 182134
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 22.2 17.1 25.7

