

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138873.D
 Acq On : 08 Aug 2024 19:02
 Operator : RC/JU
 Sample : P3464-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 09 01:01:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	41231	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155890	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	74960	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	99537	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	73042	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	60016	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	199771	74.792	ng	0.00
7) Phenol-d6	6.481	99	261003	72.782	ng	0.00
23) Nitrobenzene-d5	7.404	82	172445	54.083	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	39843	64.888	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	298119	59.755	ng	-0.01
79) Terphenyl-d14	12.939	244	212916	48.805	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	15.033	252	7453m	2.003	ng	Qvalue

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

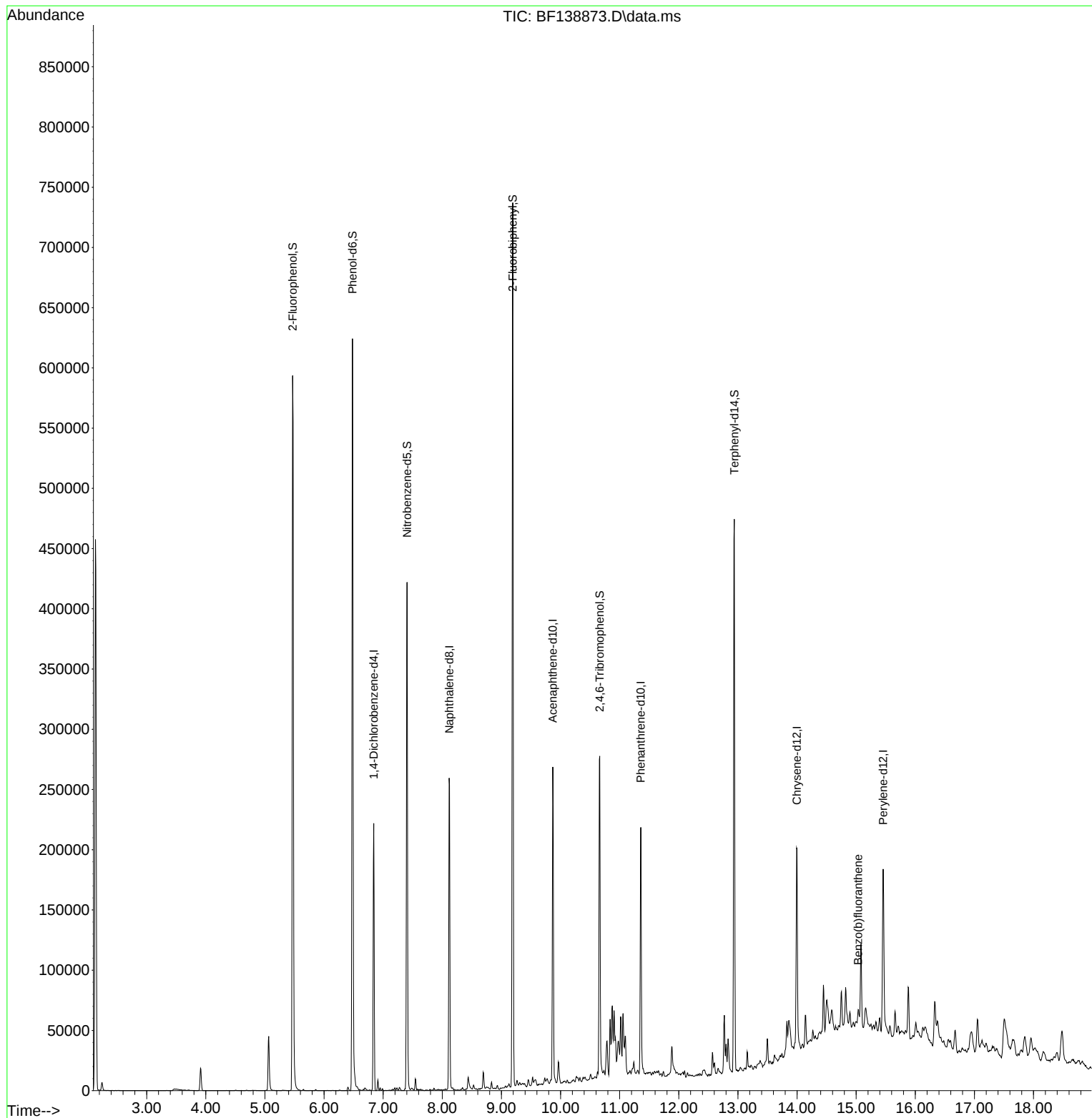
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
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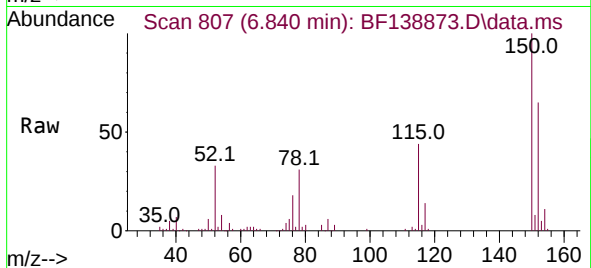
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

Instrument :

BNA_F

ClientSampleId :

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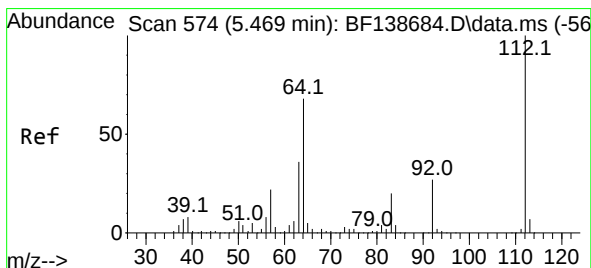
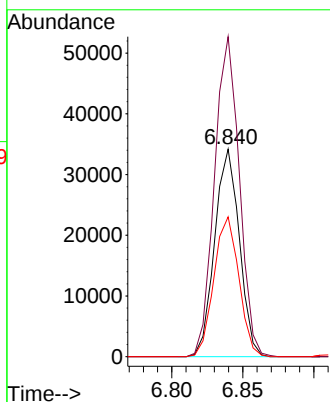
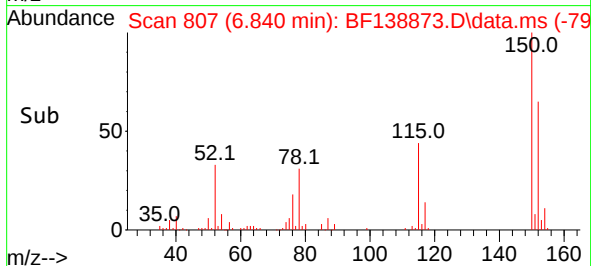
Tgt Ion:152 Resp: 4123
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 67.4 51.7 77.5

Manual Integrations

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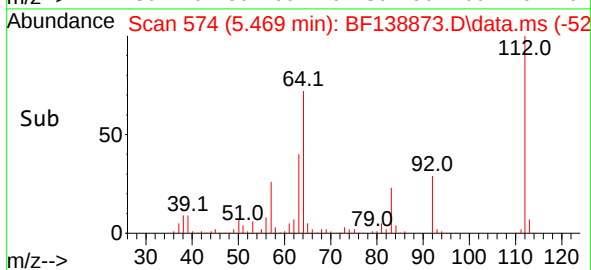
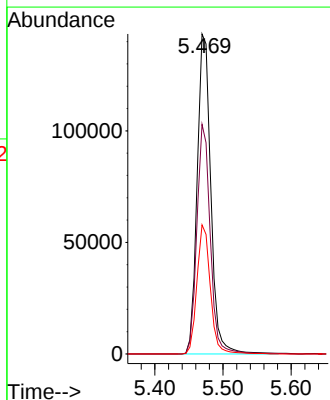
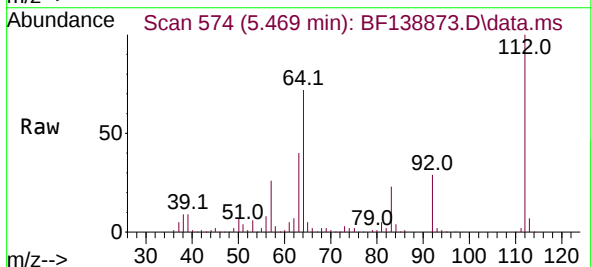
Reviewed By :Yogesh Patel 08/09/2024

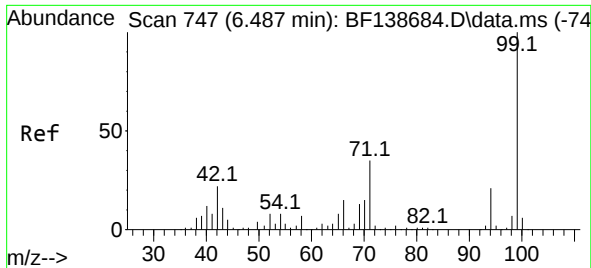
Supervised By :mohammad ahmed 08/09/2024



#5
2-Fluorophenol
Concen: 74.792 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

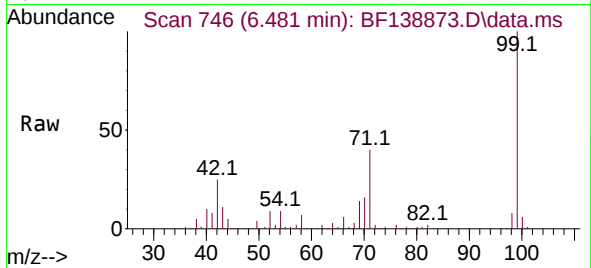
Tgt Ion:112 Resp: 199771
Ion Ratio Lower Upper
112 100
64 71.7 54.2 81.4
63 40.4 28.7 43.1





#7
Phenol-d6
Concen: 72.782 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

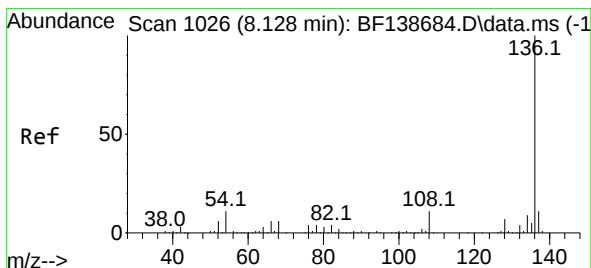
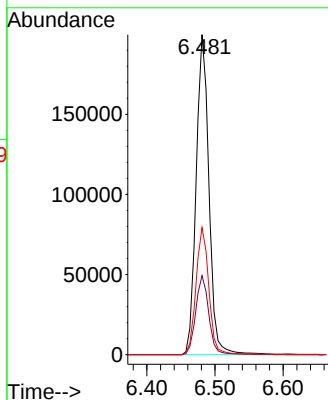
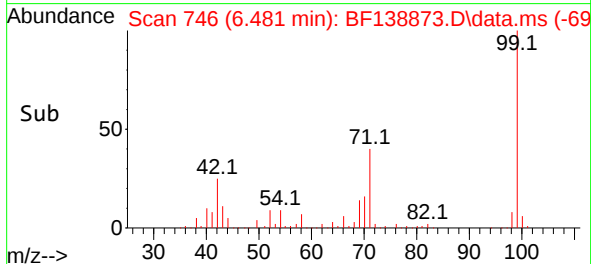
Instrument :
BNA_F
ClientSampleId :
TOPSOIL



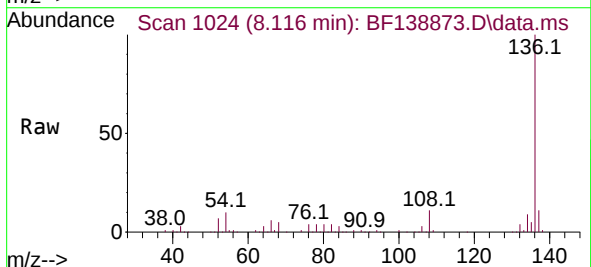
Tgt Ion: 99 Resp: 26100
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.8 28.1 42.1

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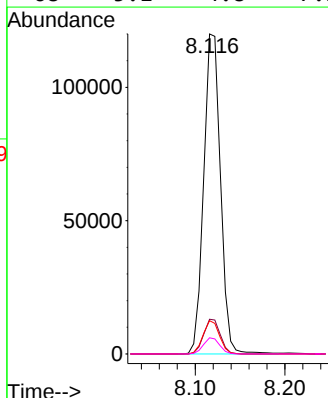
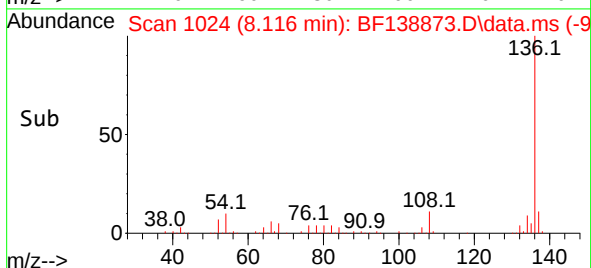
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

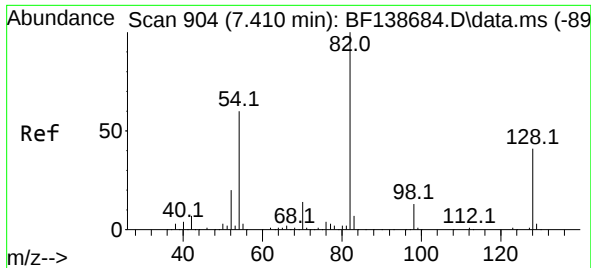


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02



Tgt Ion:136 Resp: 155890
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.4 8.6 12.8
68 5.1 4.8 7.2





#23
Nitrobenzene-d5
Concen: 54.083 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

Instrument :

BNA_F

ClientSampleId :

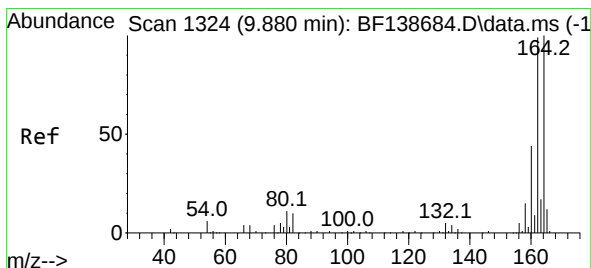
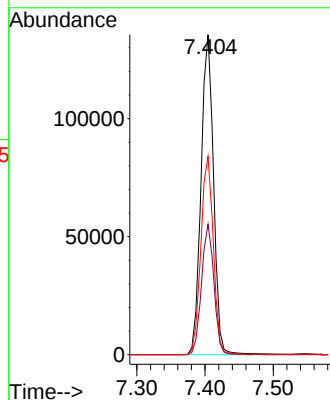
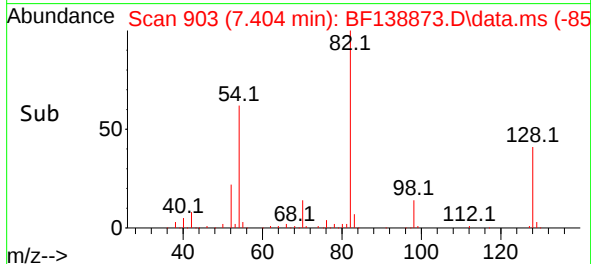
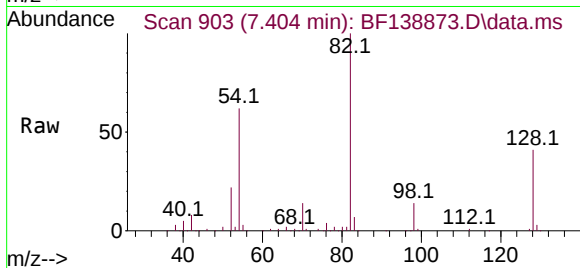
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Tgt Ion: 82 Resp: 172445
Ion Ratio Lower Upper
82 100
128 40.7 32.8 49.2
54 61.9 48.3 72.5

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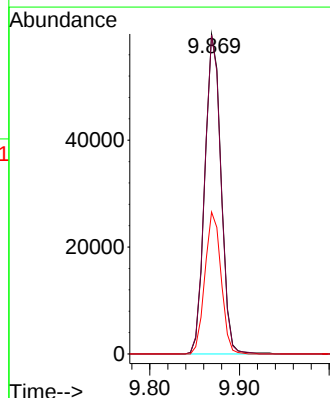
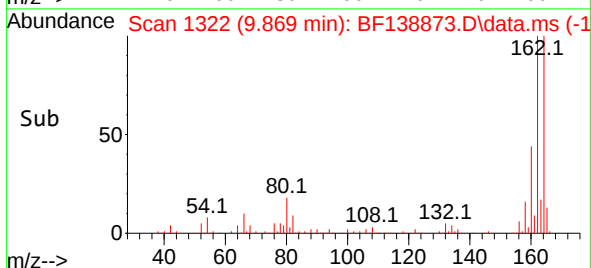
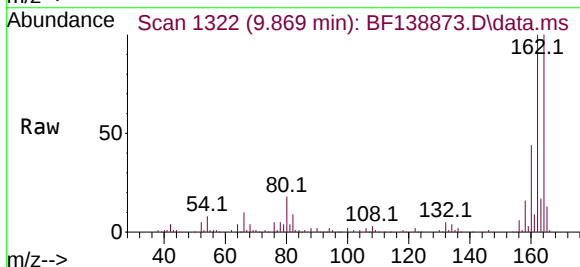
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

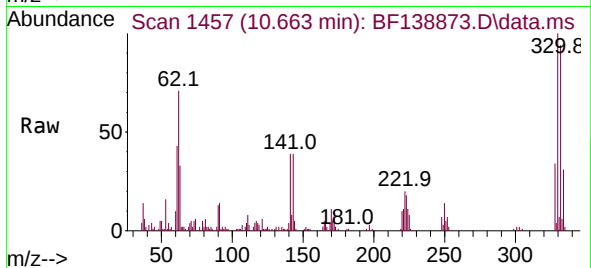
Tgt Ion:164 Resp: 74960
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.4 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 64.888 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

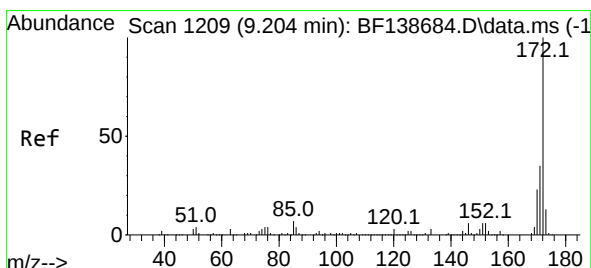
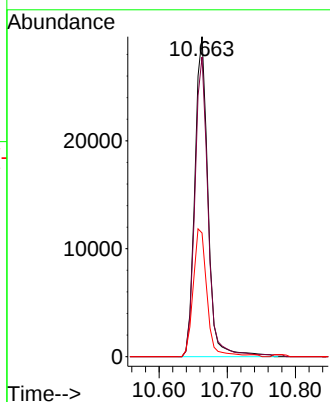
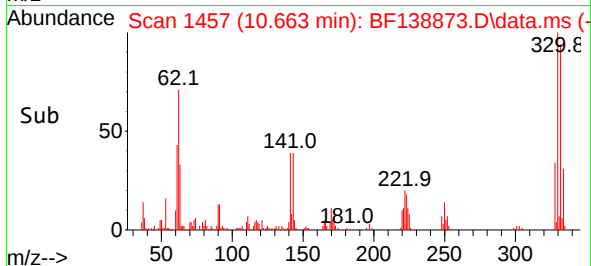
Instrument :
BNA_F
ClientSampleId :
TOPSOIL



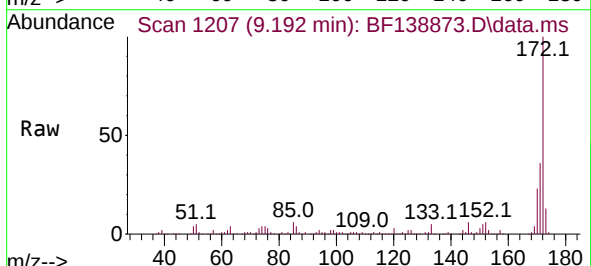
Tgt Ion: 330 Resp: 3984
Ion Ratio Lower Upper
330 100
332 94.6 76.4 114.6
141 41.5 31.1 46.7

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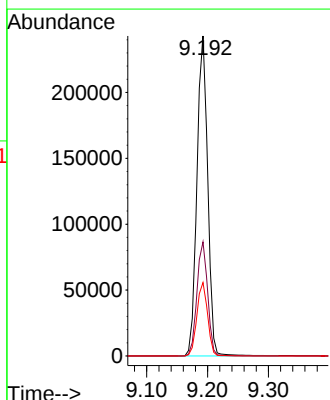
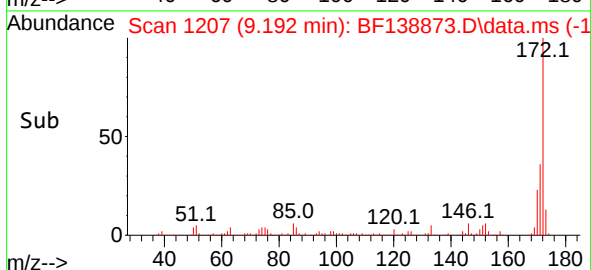
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Supervised By : mohammad ahmed 08/09/2024

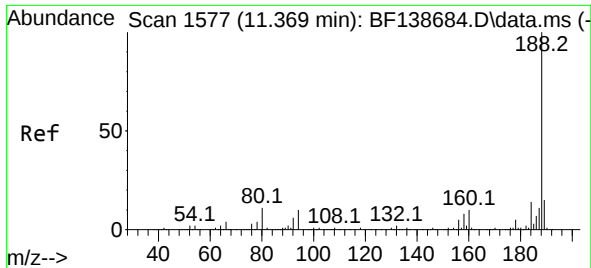


#45
2-Fluorobiphenyl
Concen: 59.755 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02



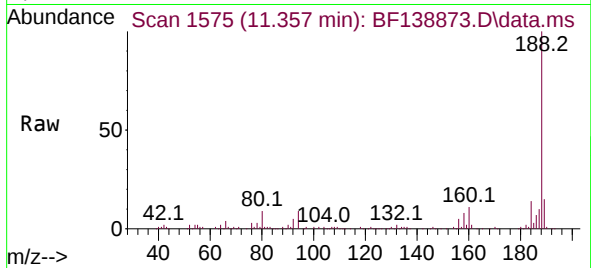
Tgt Ion: 172 Resp: 298119
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

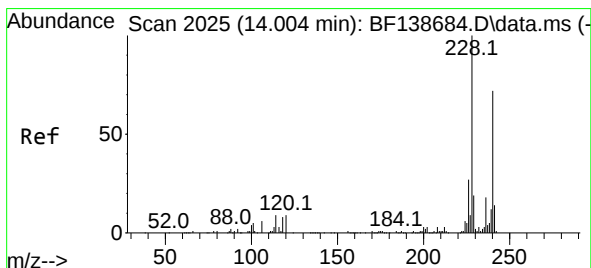
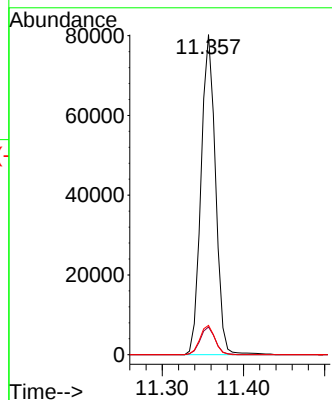
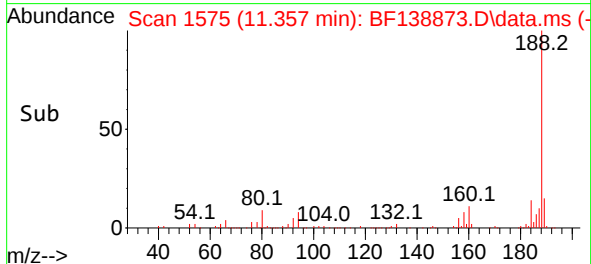
Instrument :
BNA_F
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Tgt Ion:188 Resp: 9953
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.2 8.6 12.8

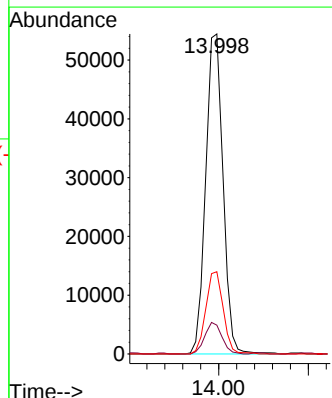
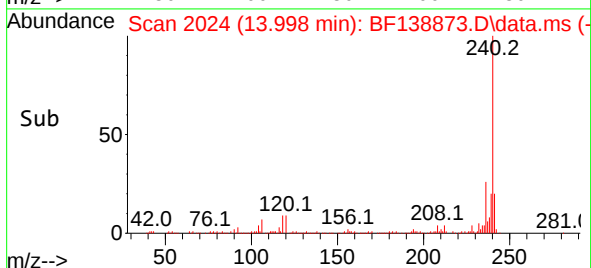
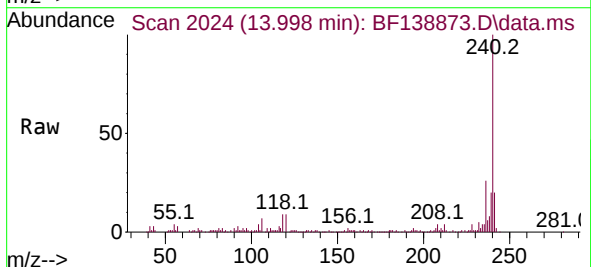
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

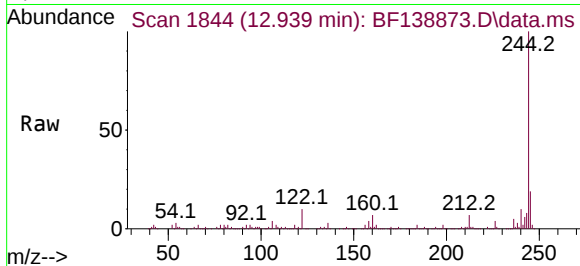
Tgt Ion:240 Resp: 73042
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 25.7 19.8 29.8





#79
Terphenyl-d14
Concen: 48.805 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

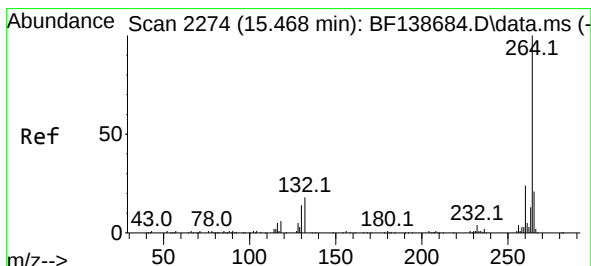
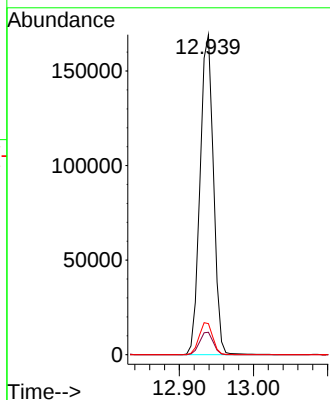
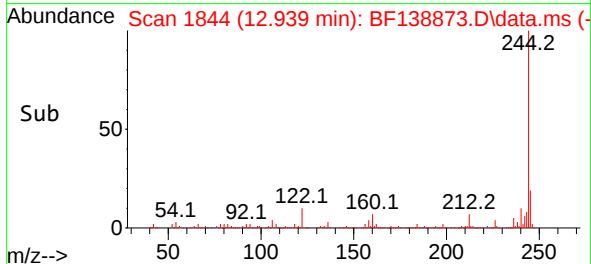
Instrument :
BNA_F
ClientSampleId :
TOPSOIL



Tgt Ion:244 Resp: 212910
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.7 9.6 14.4

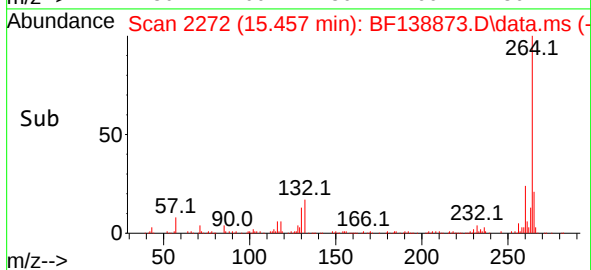
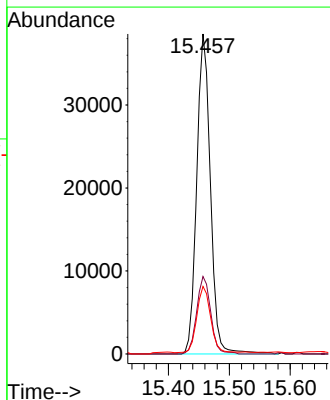
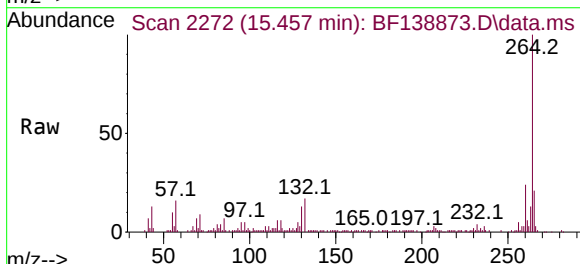
Manual Integrations
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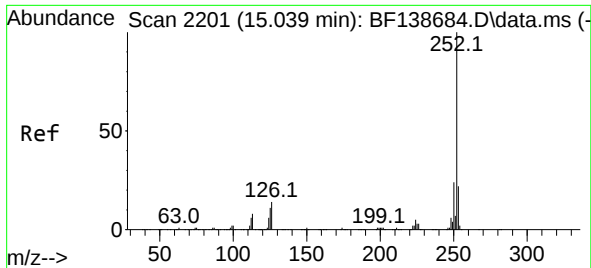
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

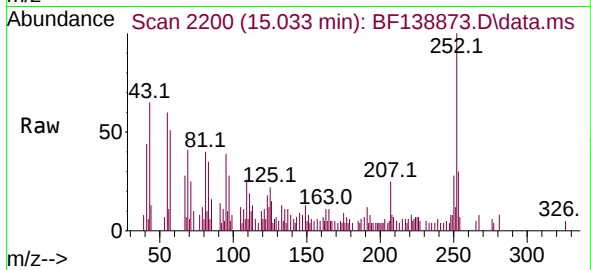
Tgt Ion:264 Resp: 60016
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.1 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 2.003 ng m
RT: 15.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138873.D
Acq: 08 Aug 2024 19:02

Instrument :
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Tgt Ion:252 Resp: 745
Ion Ratio Lower Upper
252 100
253 29.9 17.5 26.3
125 22.4 8.9 13.3

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