

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136686.D
 Acq On : 22 Dec 2023 15:14
 Operator : CG\JU
 Sample : 05697-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 15:50:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	50628	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	145573	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	78185	20.000	ng	-0.01
64) Phenanthrene-d10	11.328	188	158261	20.000	ng	0.01
76) Chrysene-d12	13.992	240	145939	20.000	ng	# 0.02
86) Perylene-d12	15.468	264	36146	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	129236	39.829	ng	0.03
7) Phenol-d6	6.840	99	68154m	16.210	ng	0.40
23) Nitrobenzene-d5	7.375	82	295436	103.850	ng	0.02
42) 2,4,6-Tribromophenol	10.622	330	82044	89.101	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	470760	80.983	ng	-0.01
79) Terphenyl-d14	12.975	244	352509	33.755	ng	0.06

Target Compounds Qvalue

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

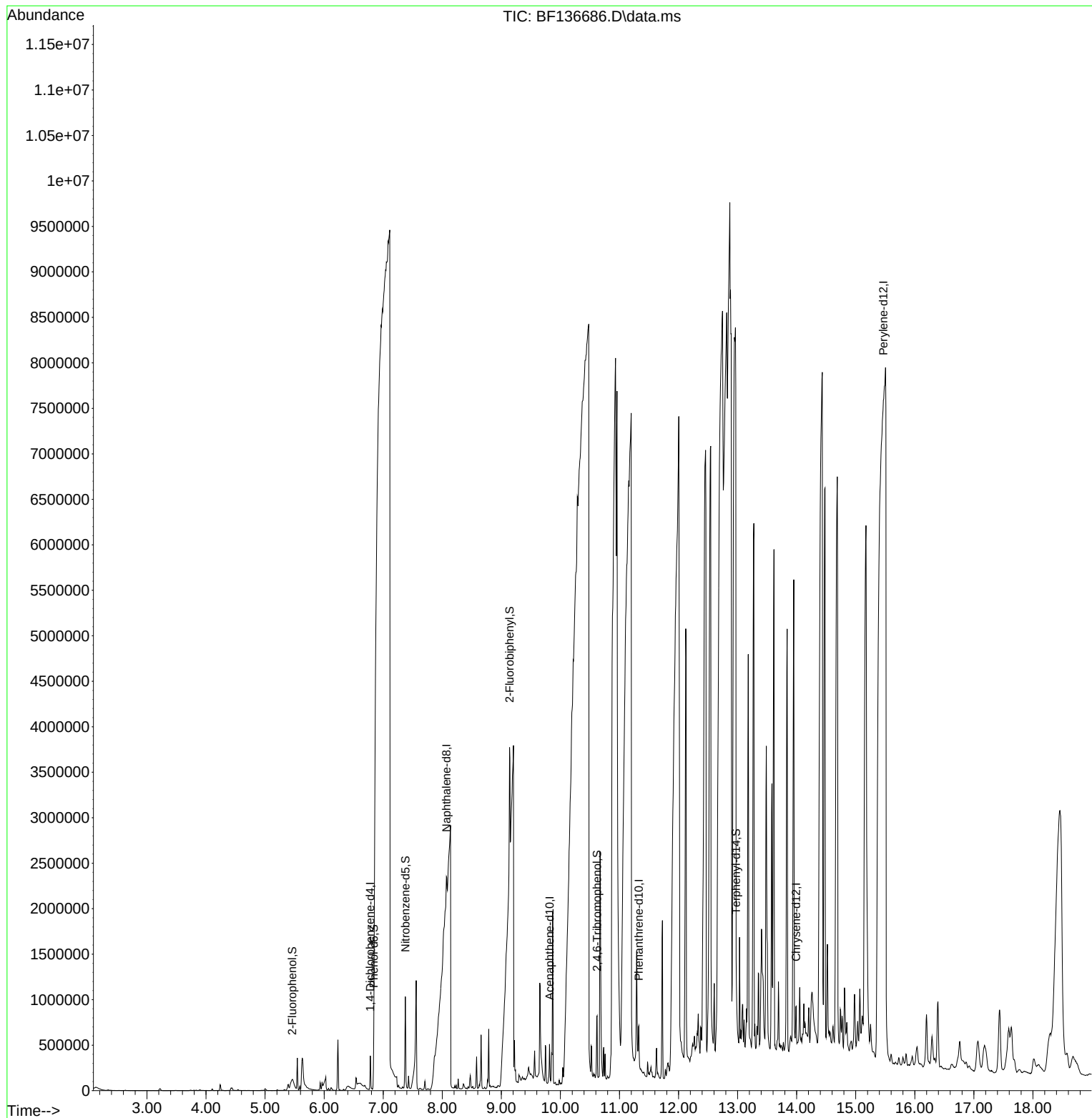
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136686.D
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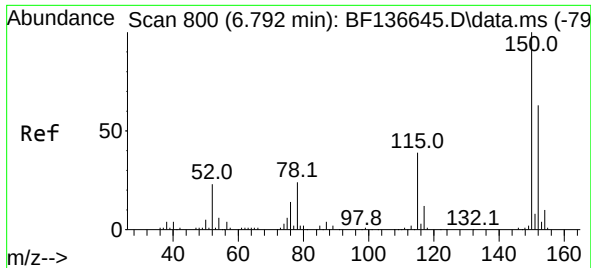
Instrument :
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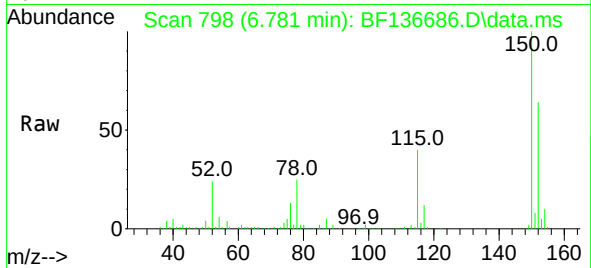
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.011 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

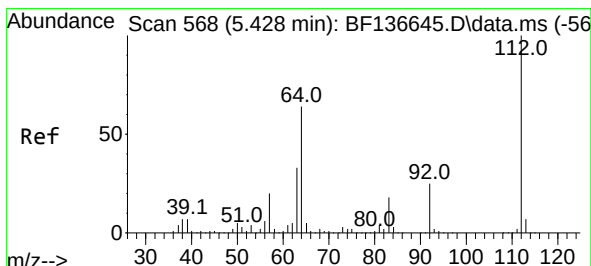
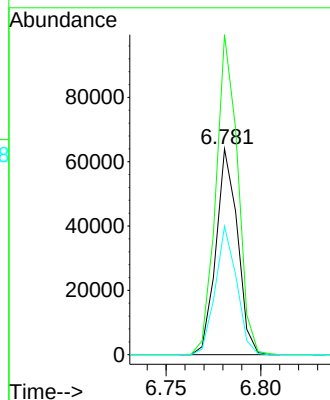
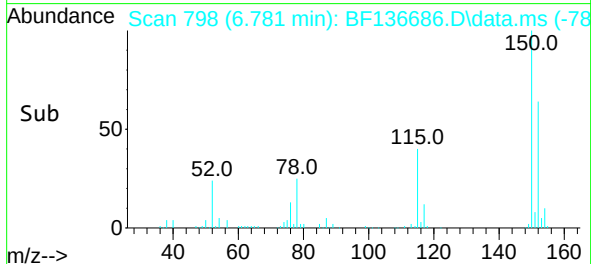
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:152 Resp: 50628
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 62.4 49.0 73.4

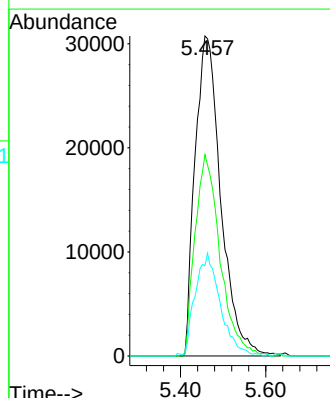
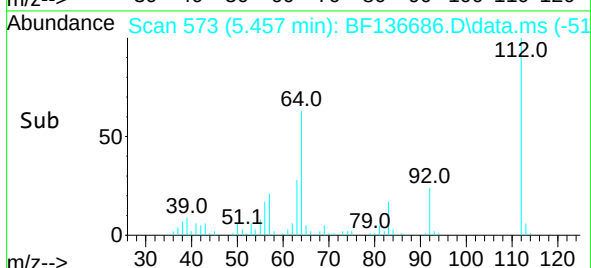
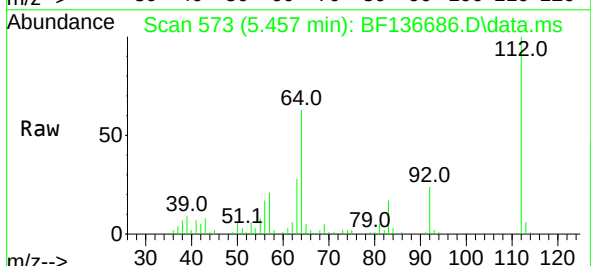
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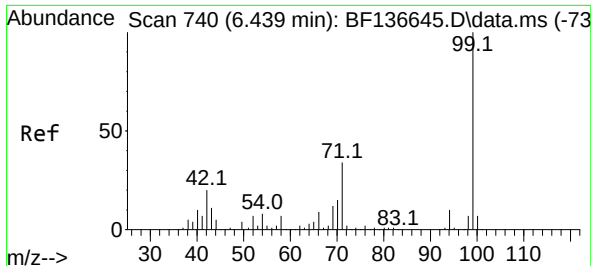
Reviewed By :Yogesh Patel 12/25/2023
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#5
2-Fluorophenol
Concen: 39.829 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.030 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

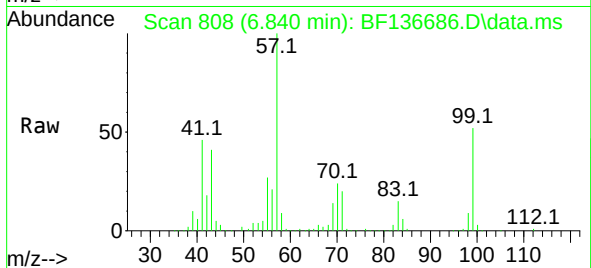
Tgt Ion:112 Resp: 129236
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 28.2 26.1 39.1





#7
Phenol-d6
Concen: 16.210 ng m
RT: 6.840 min Scan# 80
Delta R.T. 0.400 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

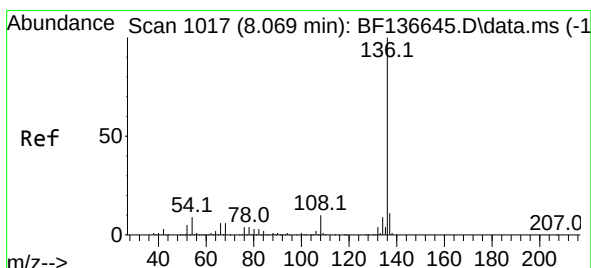
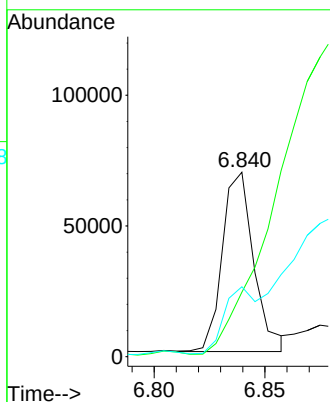
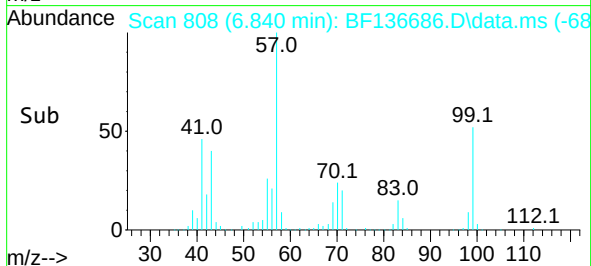
Instrument :
BNA_F
ClientSampleId :
EFF-WW



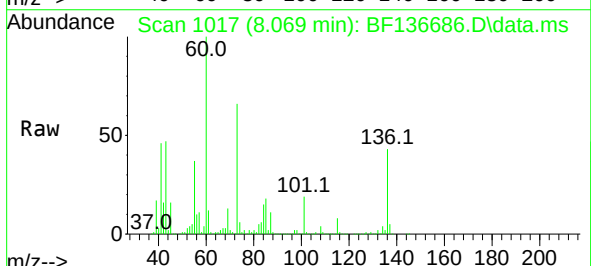
Tgt Ion: 99 Resp: 68154
Ion Ratio Lower Upper
99 100
42 34.9 16.1 24.1
71 37.9 27.4 41.2

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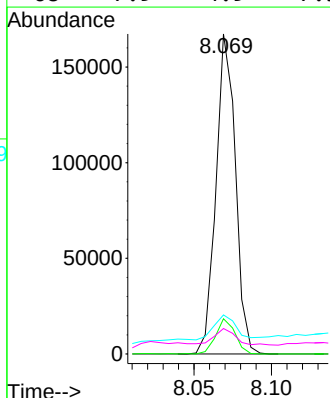
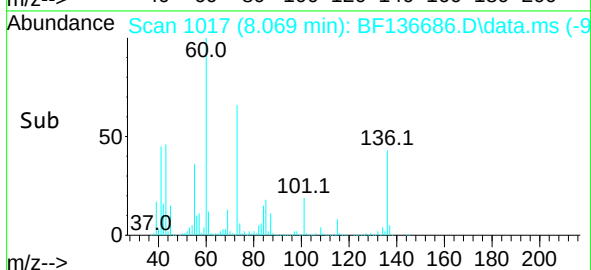
Reviewed By :Yogesh Patel 12/25/2023
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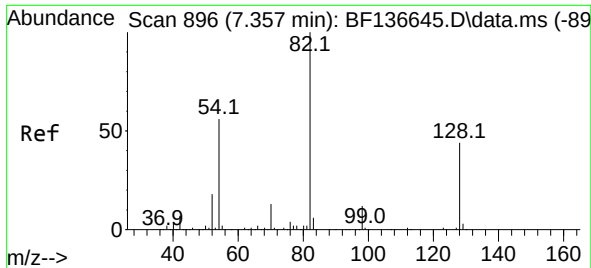


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14



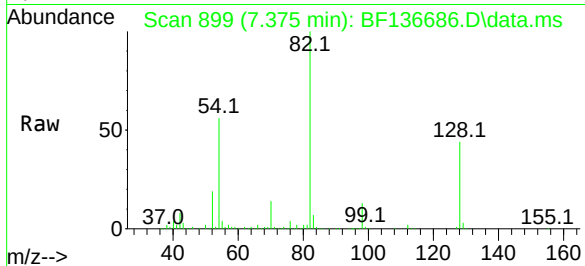
Tgt Ion:136 Resp: 145573
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 12.2 7.2 10.8#
68 7.9 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 103.850 ng
RT: 7.375 min Scan# 89
Delta R.T. 0.018 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

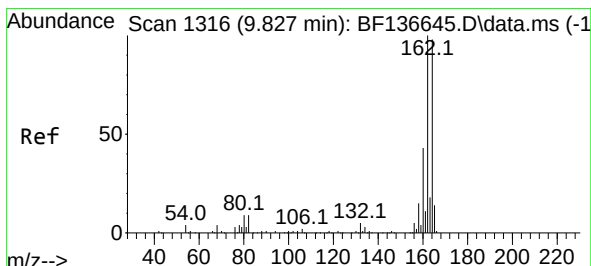
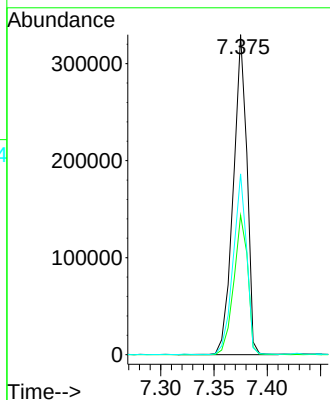
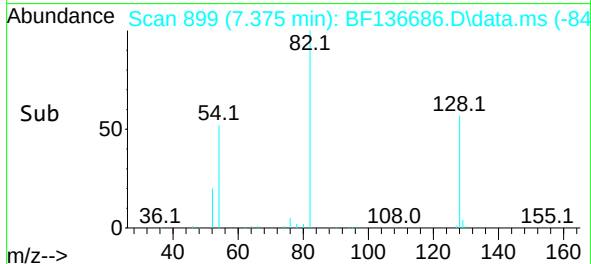
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion: 82 Resp: 295430
Ion Ratio Lower Upper
82 100
128 43.6 35.3 52.9
54 56.5 44.5 66.7

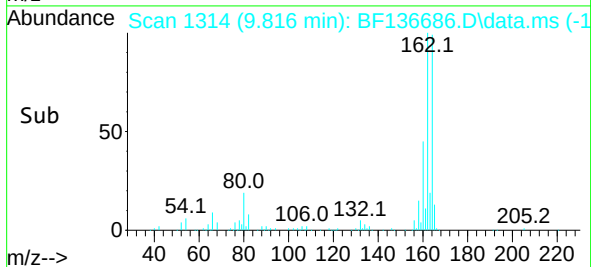
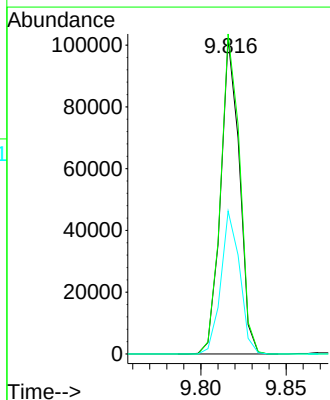
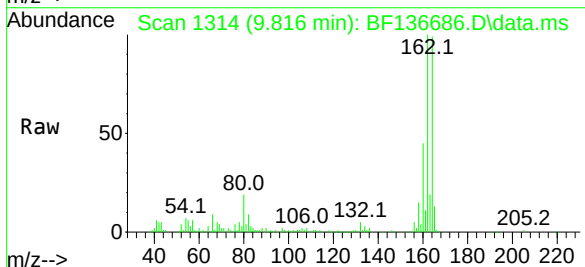
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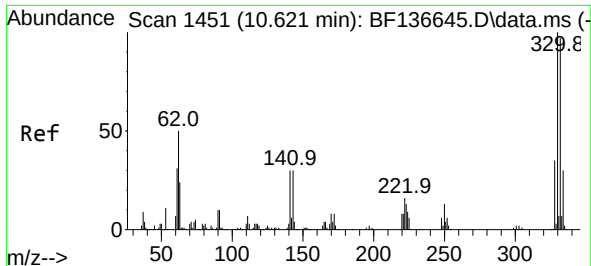
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

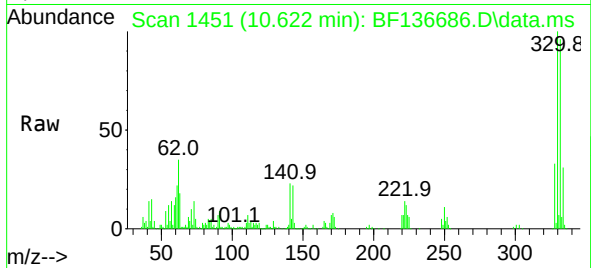
Tgt Ion:164 Resp: 78185
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 45.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 89.101 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

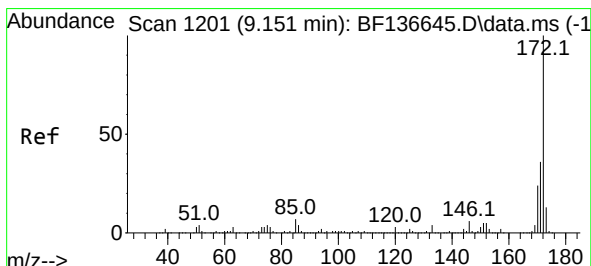
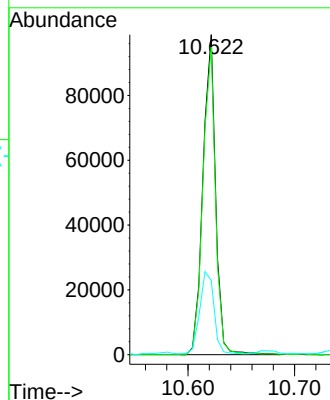
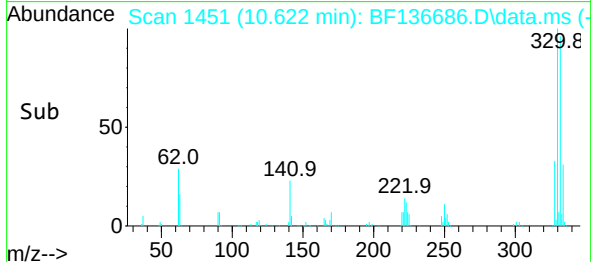
Instrument :
BNA_F
ClientSampleId :
EFF-WW



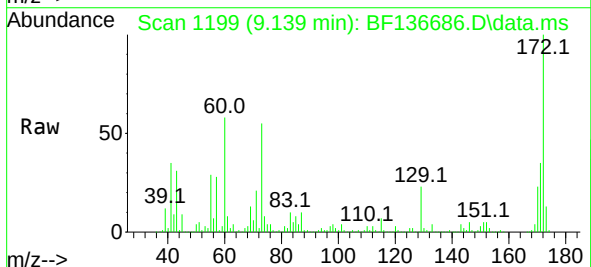
Tgt Ion: 330 Resp: 82044
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 29.5 23.4 35.2

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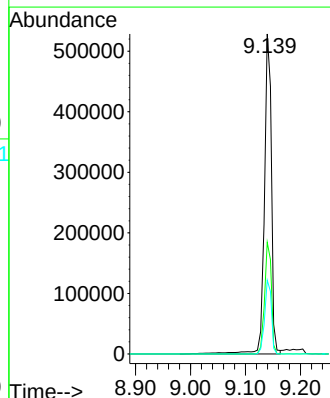
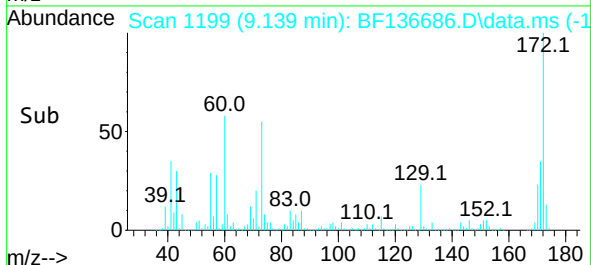
Reviewed By : Yogesh Patel 12/25/2023
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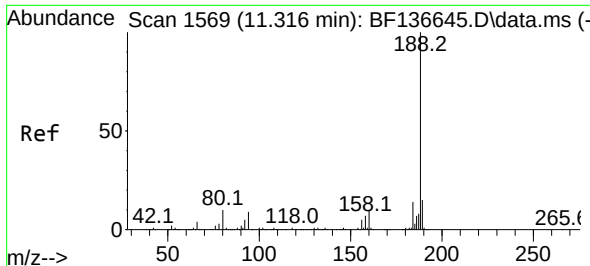


#45
2-Fluorobiphenyl
Concen: 80.983 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14



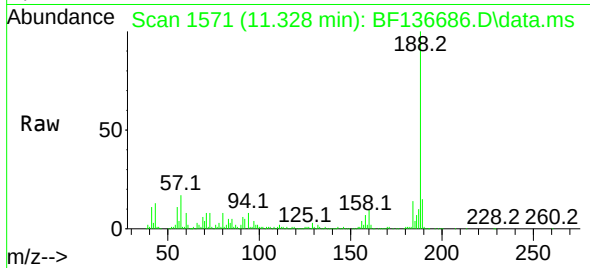
Tgt Ion: 172 Resp: 470760
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 23.1 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

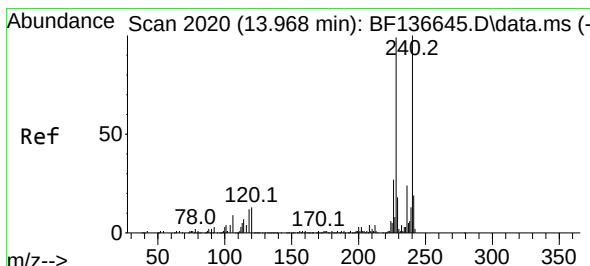
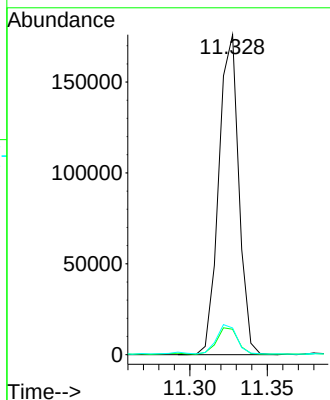
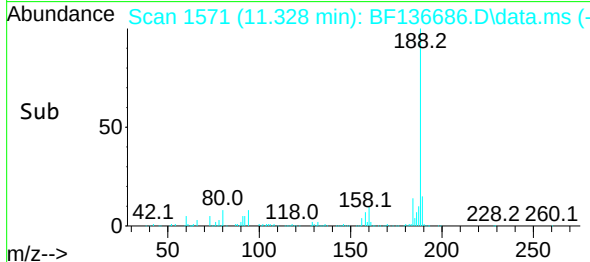
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:188 Resp: 15826
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 8.4 8.1 12.1

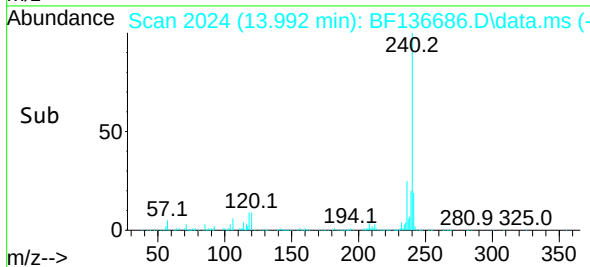
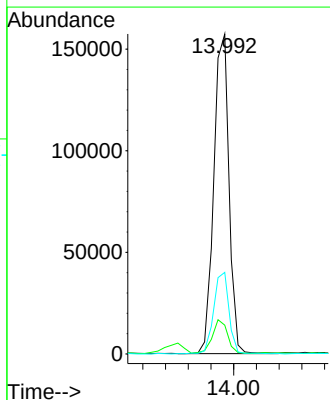
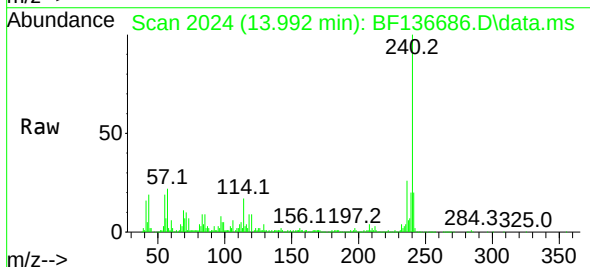
Manual Integrations
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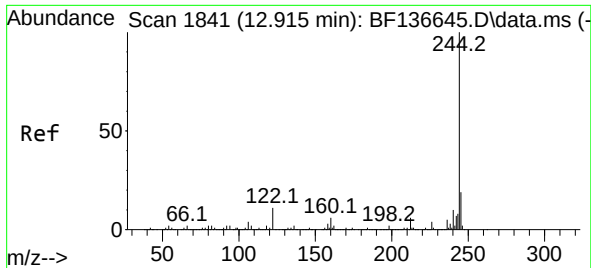
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.024 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

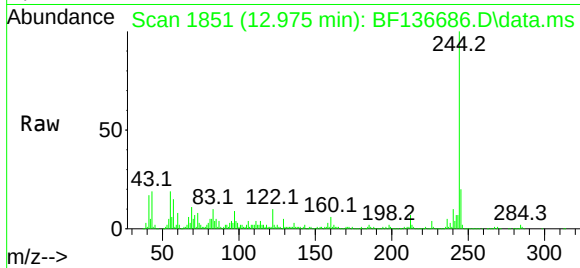
Tgt Ion:240 Resp: 145939
Ion Ratio Lower Upper
240 100
120 9.0 10.3 15.5#
236 25.5 19.4 29.2





#79
 Terphenyl-d14
 Concen: 33.755 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. 0.059 min
 Lab File: BF136686.D
 Acq: 22 Dec 2023 15:14

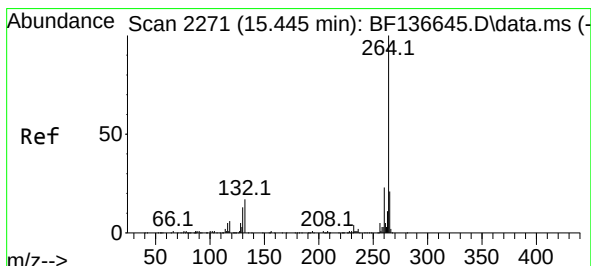
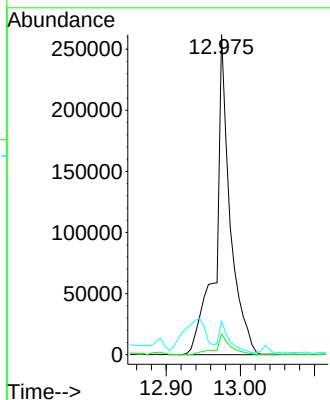
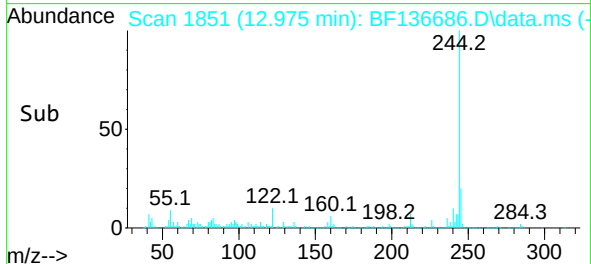
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW



Tgt Ion:244 Resp: 352509
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 10.4 9.0 13.4

Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 12/25/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.024 min
 Lab File: BF136686.D
 Acq: 22 Dec 2023 15:14

Tgt Ion:264 Resp: 36146
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.3 27.5
 265 24.4 17.0 25.6

