

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137728.D
 Acq On : 24 Apr 2024 20:30
 Operator : CG\JU
 Sample : P2226-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATERRE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 04:20:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	285671	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1136938	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	604286	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	901316	20.000	ng	0.00
76) Chrysene-d12	14.251	240	485789	20.000	ng	0.00
86) Perylene-d12	15.827	264	604041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	825845	43.914	ng	0.00
7) Phenol-d6	6.669	99	690471	28.912	ng	0.00
23) Nitrobenzene-d5	7.622	82	1770823	82.679	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	505687	82.931	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3193504	78.965	ng	0.00
79) Terphenyl-d14	13.192	244	2532756	83.918	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.681	94	578528	24.249	ng	97
32) Benzoic acid	8.110	122	694826m	57.280	ng	

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

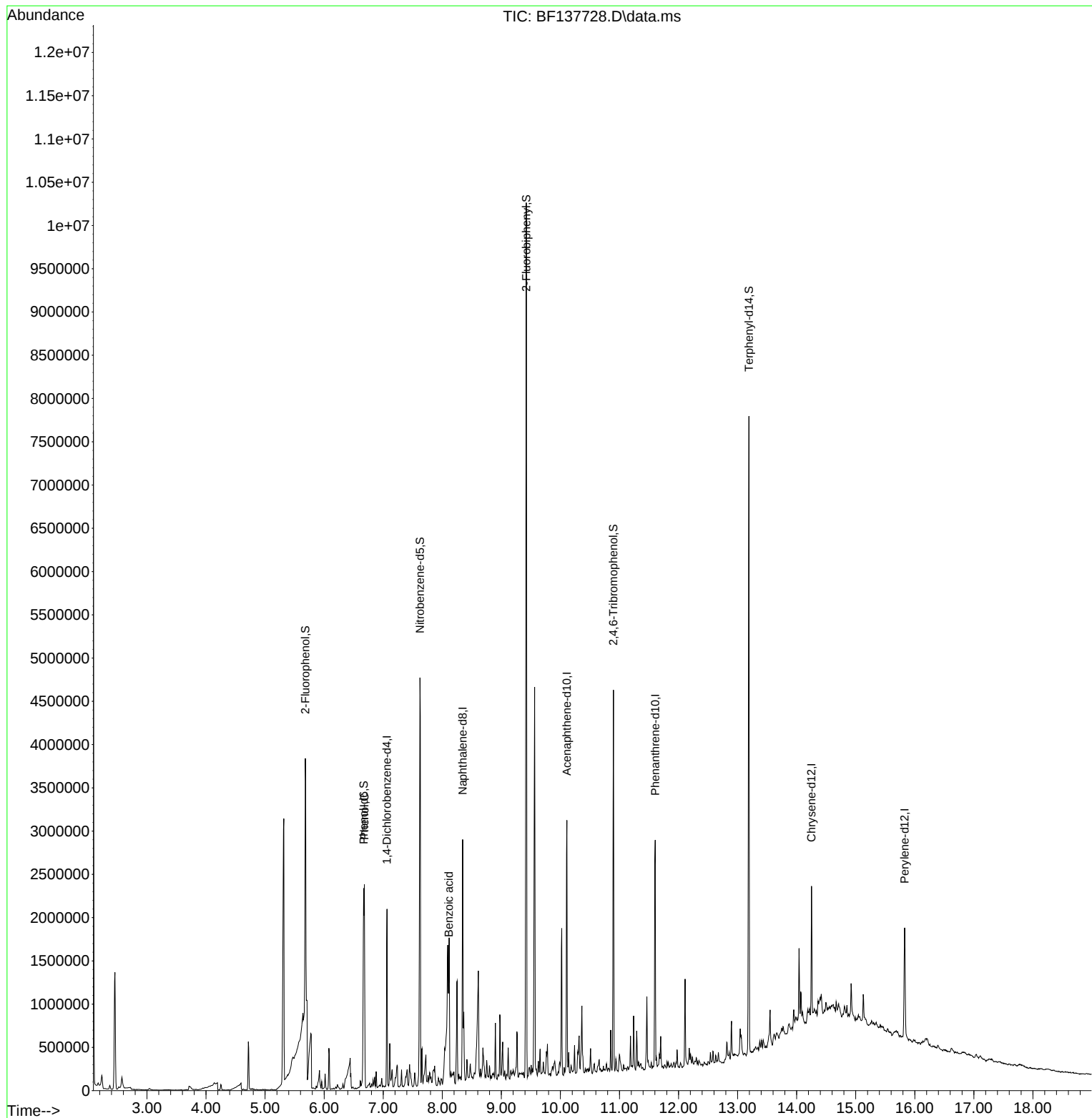
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137728.D
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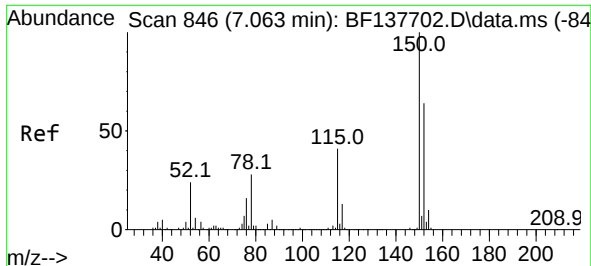
Instrument :
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ClientSampleId :
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Quant Time: Apr 25 04:20:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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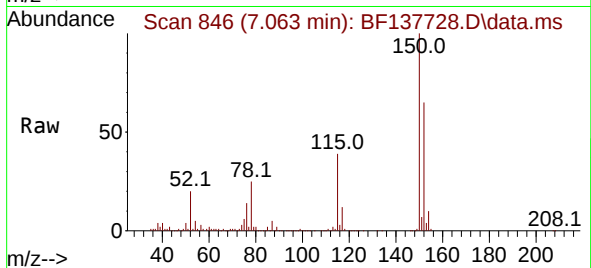
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

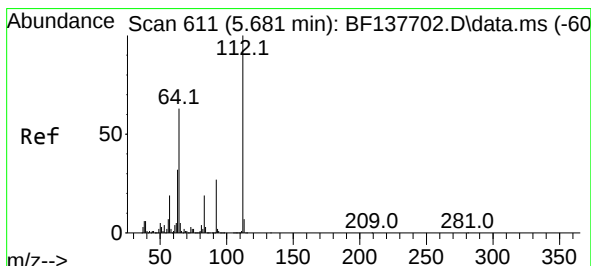
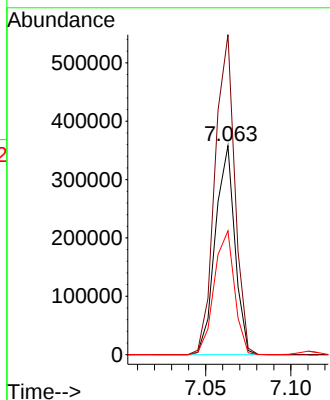
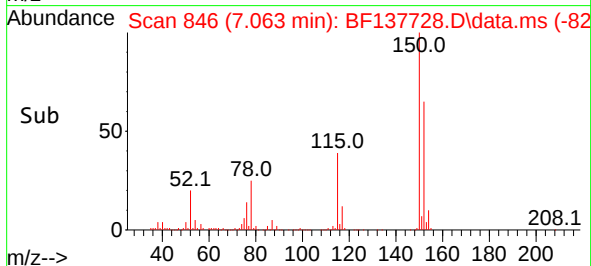
Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE



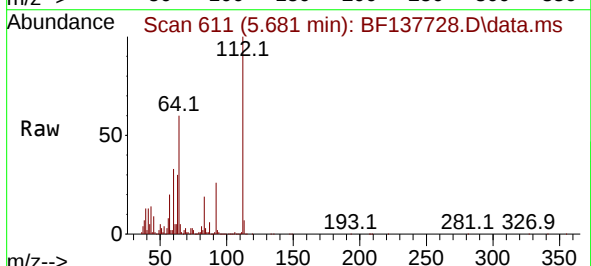
Tgt Ion:152 Resp: 28567
Ion Ratio Lower Upper
152 100
150 153.2 124.2 186.4
115 59.3 50.8 76.2

Manual Integrations
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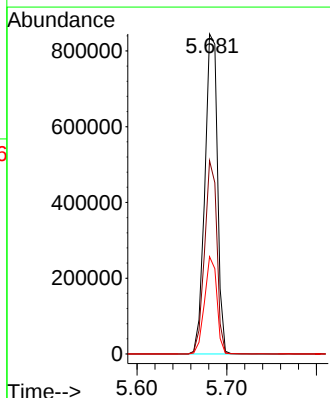
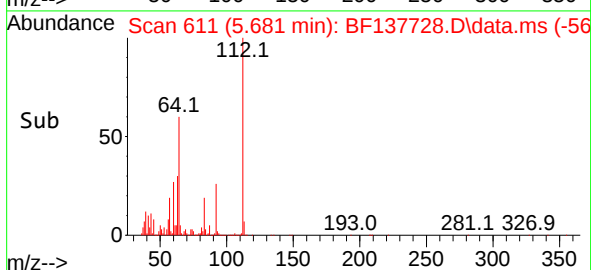
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

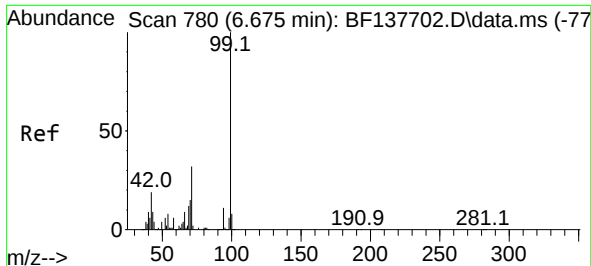


#5
2-Fluorophenol
Concen: 43.914 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30



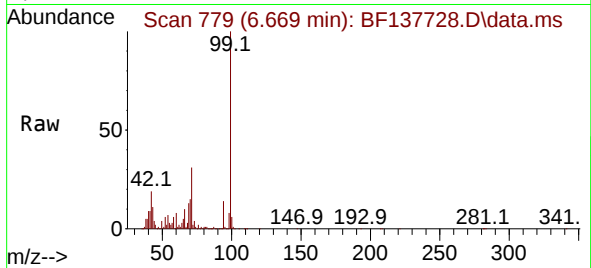
Tgt Ion:112 Resp: 825845
Ion Ratio Lower Upper
112 100
64 60.4 50.1 75.1
63 30.4 25.2 37.8





#7
Phenol-d6
Concen: 28.912 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

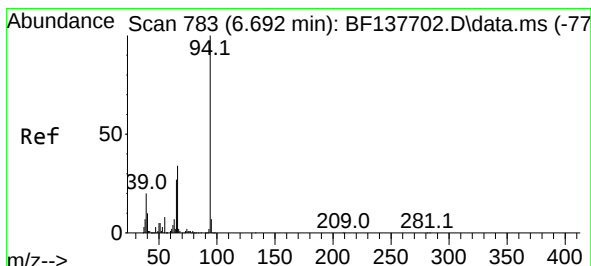
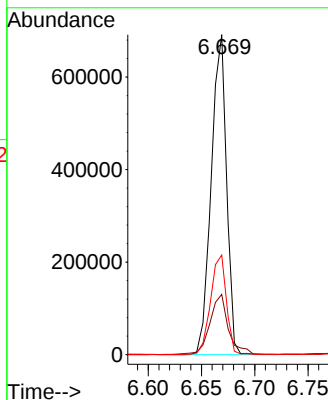
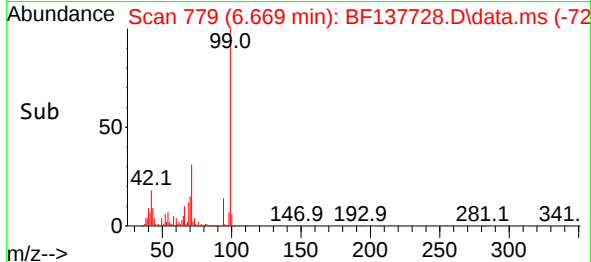
Instrument :
BNA_F
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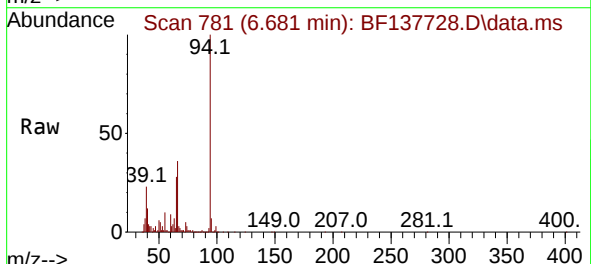
Tgt Ion: 99 Resp: 69047
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 31.1 25.7 38.5

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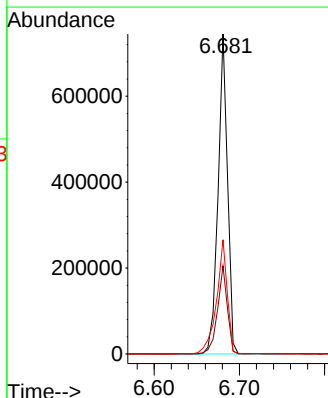
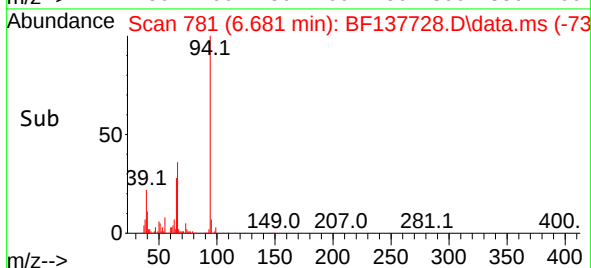
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

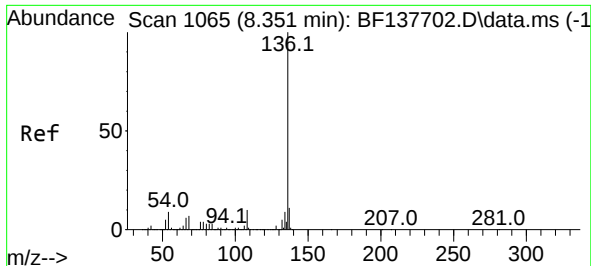


#10
Phenol
Concen: 24.249 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.012 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30



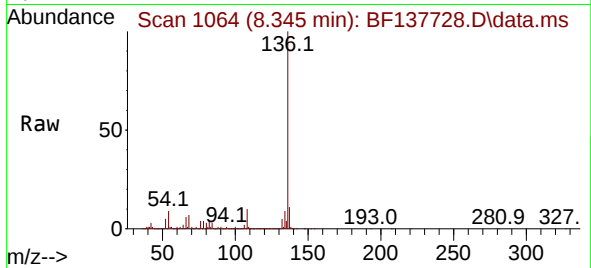
Tgt Ion: 94 Resp: 578528
Ion Ratio Lower Upper
94 100
65 27.6 6.5 46.5
66 35.7 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

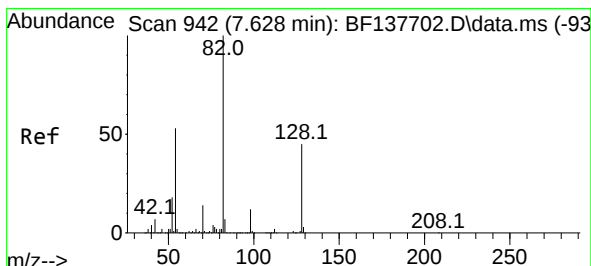
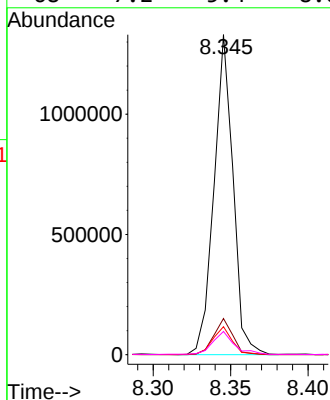
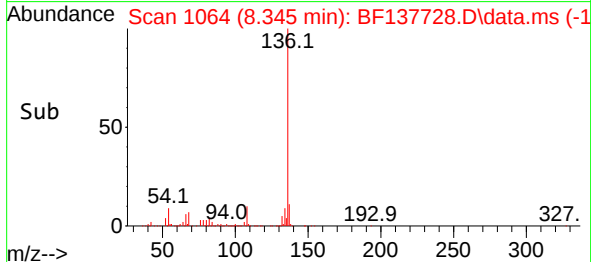
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:136 Resp: 1136938
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 6.9 10.3
68 7.2 5.4 8.0

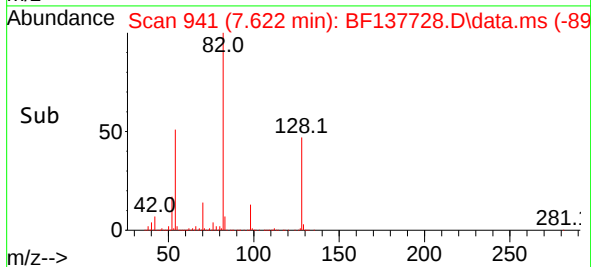
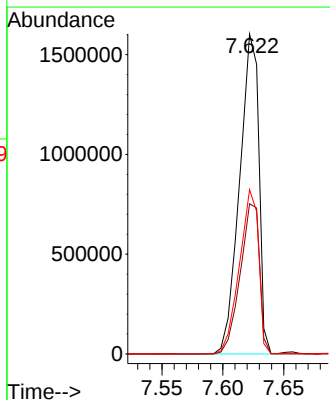
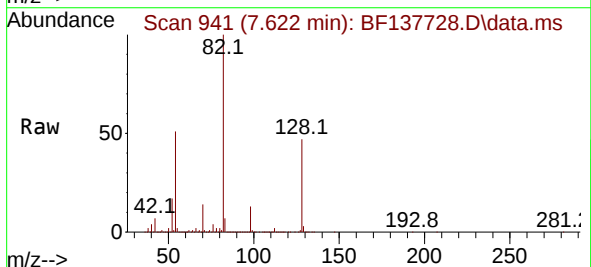
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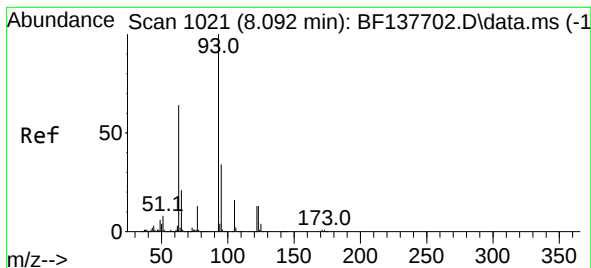
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#23
Nitrobenzene-d5
Concen: 82.679 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion: 82 Resp: 1770823
Ion Ratio Lower Upper
82 100
128 46.9 35.8 53.6
54 51.3 42.5 63.7





#32

Benzoic acid

Concen: 57.280 ng m

RT: 8.110 min Scan# 1024

Delta R.T. 0.018 min

Lab File: BF137728.D

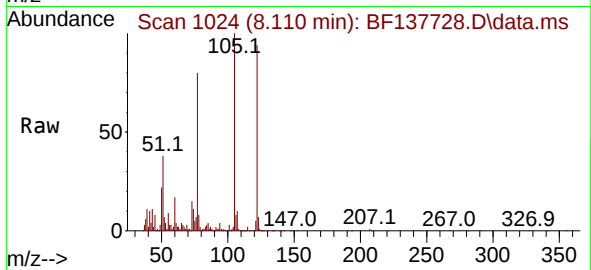
Acq: 24 Apr 2024 20:30

Instrument :

BNA_F

ClientSampleId :

GROUND-WATERRE



Tgt Ion:122 Resp: 694820

Ion Ratio Lower Upper

122 100

105 105.8 101.1 141.1

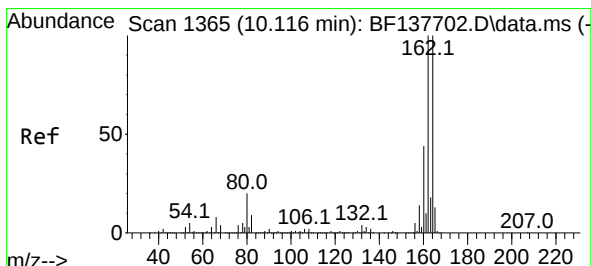
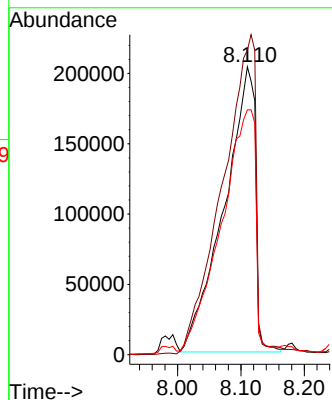
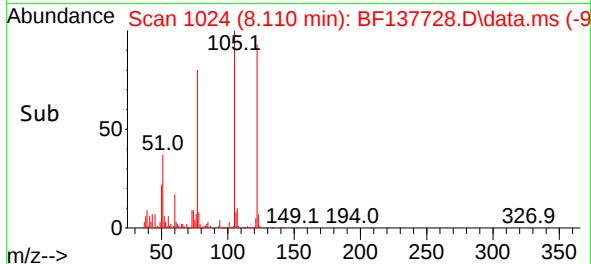
77 85.0 75.7 115.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137728.D

Acq: 24 Apr 2024 20:30

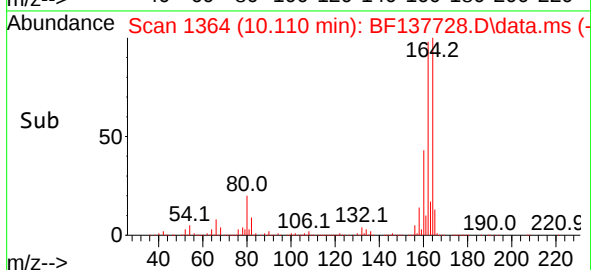
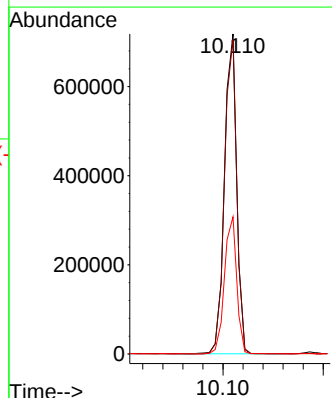
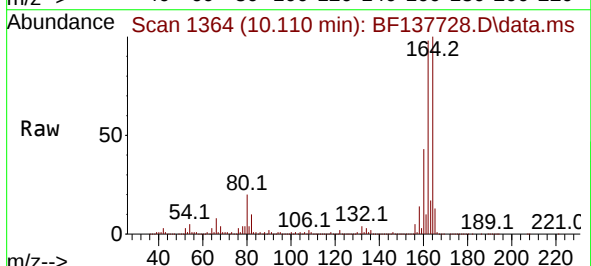
Tgt Ion:164 Resp: 604286

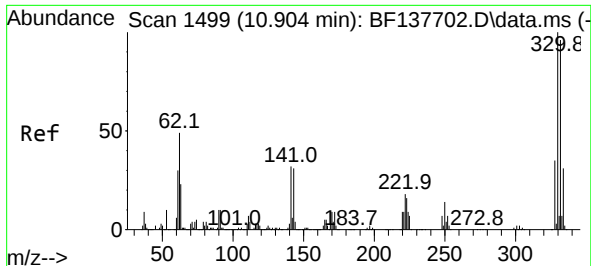
Ion Ratio Lower Upper

164 100

162 98.3 80.3 120.5

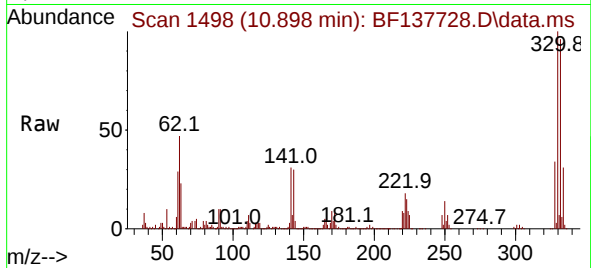
160 42.8 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 82.931 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

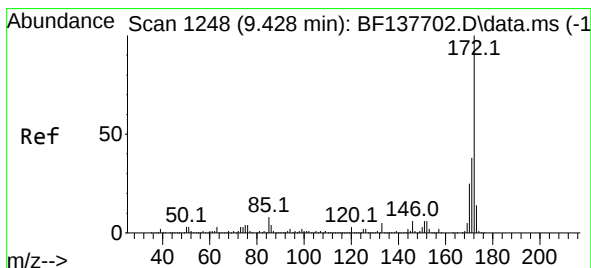
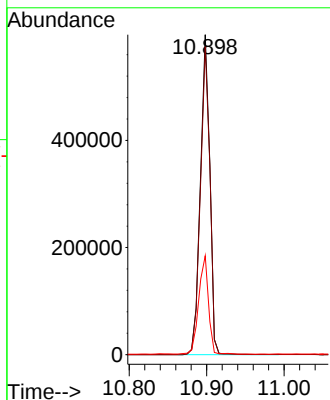
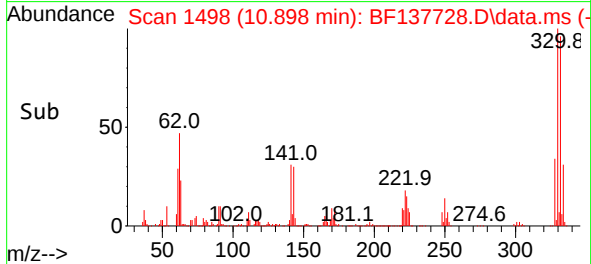
Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE



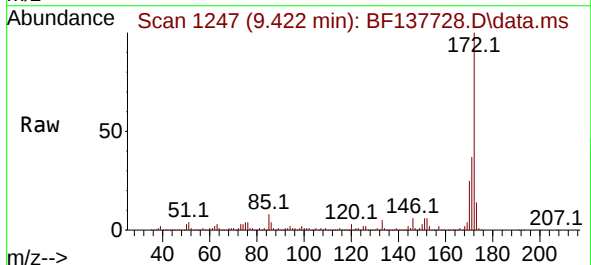
Tgt Ion:330 Resp: 50568
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 31.7 27.0 40.4

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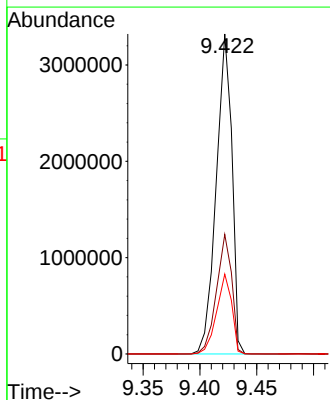
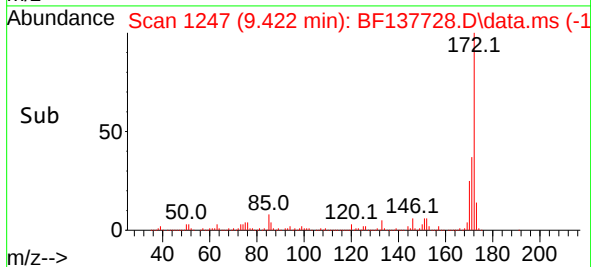
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

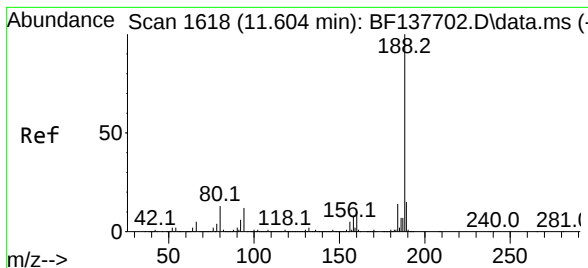


#45
2-Fluorobiphenyl
Concen: 78.965 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30



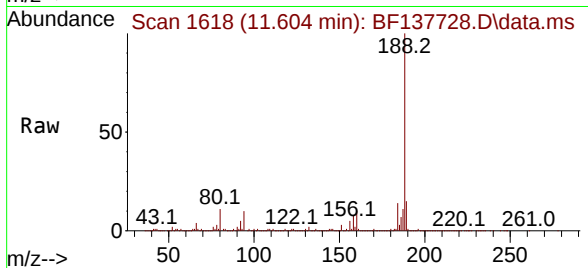
Tgt Ion:172 Resp: 3193504
Ion Ratio Lower Upper
172 100
171 37.4 30.2 45.4
170 25.0 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

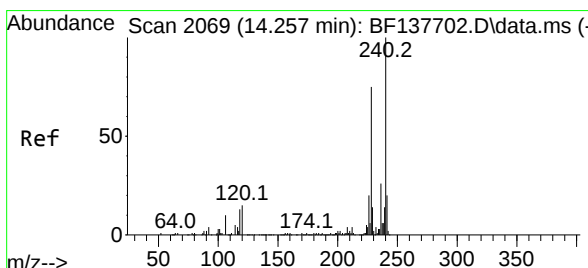
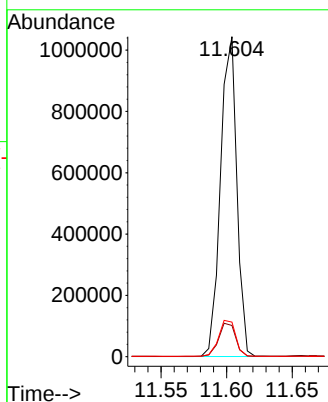
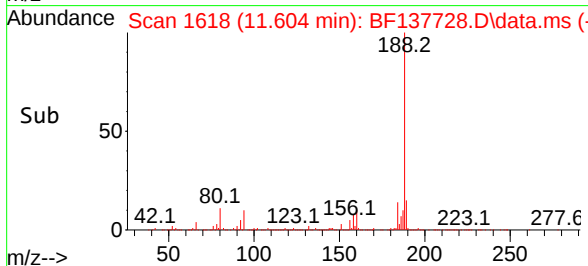
Instrument :
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Tgt Ion:188 Resp: 901310
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.8 10.2 15.4

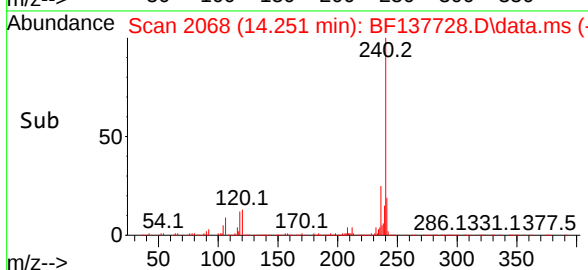
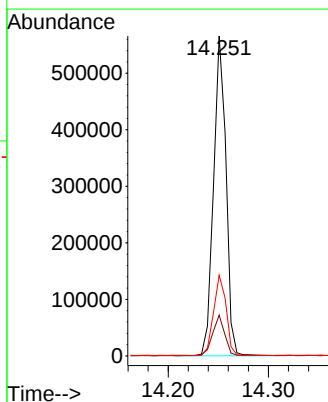
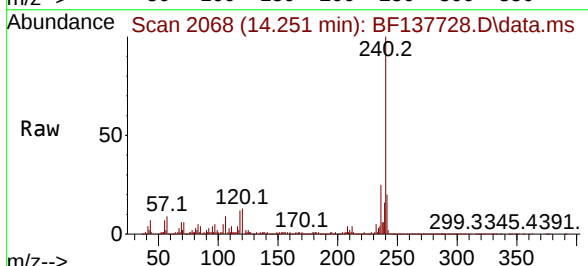
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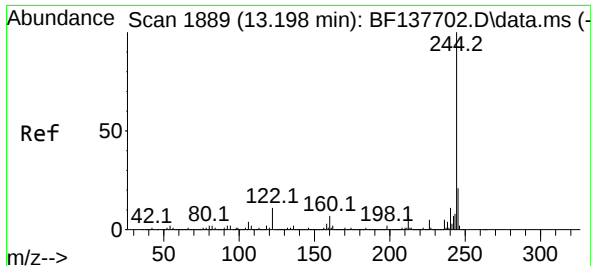
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

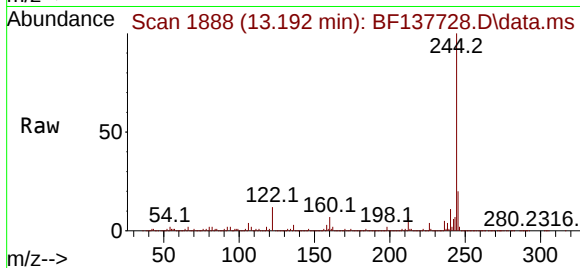
Tgt Ion:240 Resp: 485789
Ion Ratio Lower Upper
240 100
120 12.7 11.9 17.9
236 25.3 20.8 31.2





#79
 Terphenyl-d14
 Concen: 83.918 ng
 RT: 13.192 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137728.D
 Acq: 24 Apr 2024 20:30

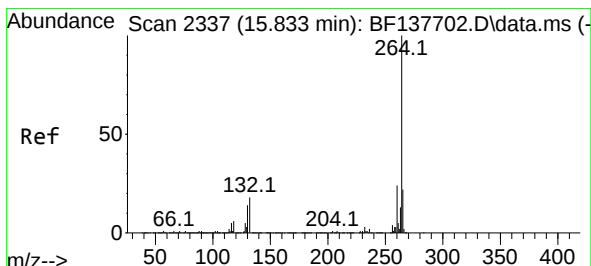
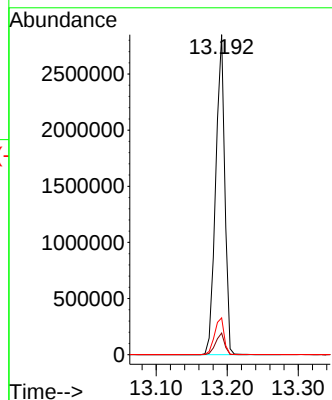
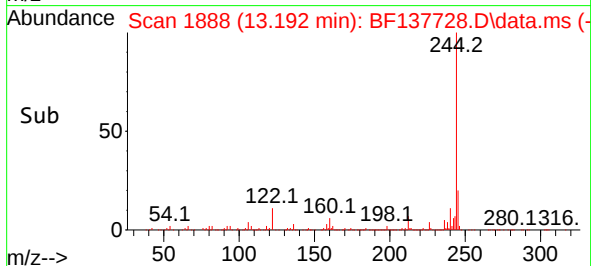
Instrument :
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Tgt Ion:244 Resp: 2532750
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.5 8.8 13.2

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 Supervised By :mohammad ahmed 04/27/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. -0.006 min
 Lab File: BF137728.D
 Acq: 24 Apr 2024 20:30

Tgt Ion:264 Resp: 604041
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.7 17.5 26.3

