

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131267.D
 Acq On : 16 Nov 2022 16:13
 Operator : CG\JU
 Sample : N5609-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

Quant Time: Nov 16 22:16:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	79846	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	267733	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	131468	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	177149	20.000	ng	0.00
76) Chrysene-d12	14.192	240	161033	20.000	ng	0.00
86) Perylene-d12	15.733	264	174621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	182195	40.406	ng	0.00
7) Phenol-d6	6.592	99	189780	33.230	ng	0.00
23) Nitrobenzene-d5	7.539	82	529248	110.956	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	87785	69.904	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	826069	91.952	ng	0.00
79) Terphenyl-d14	13.145	244	663683	70.776	ng	0.02
Target Compounds						
32) Benzoic acid	8.181	122	72830m	28.694	ng	Qvalue

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

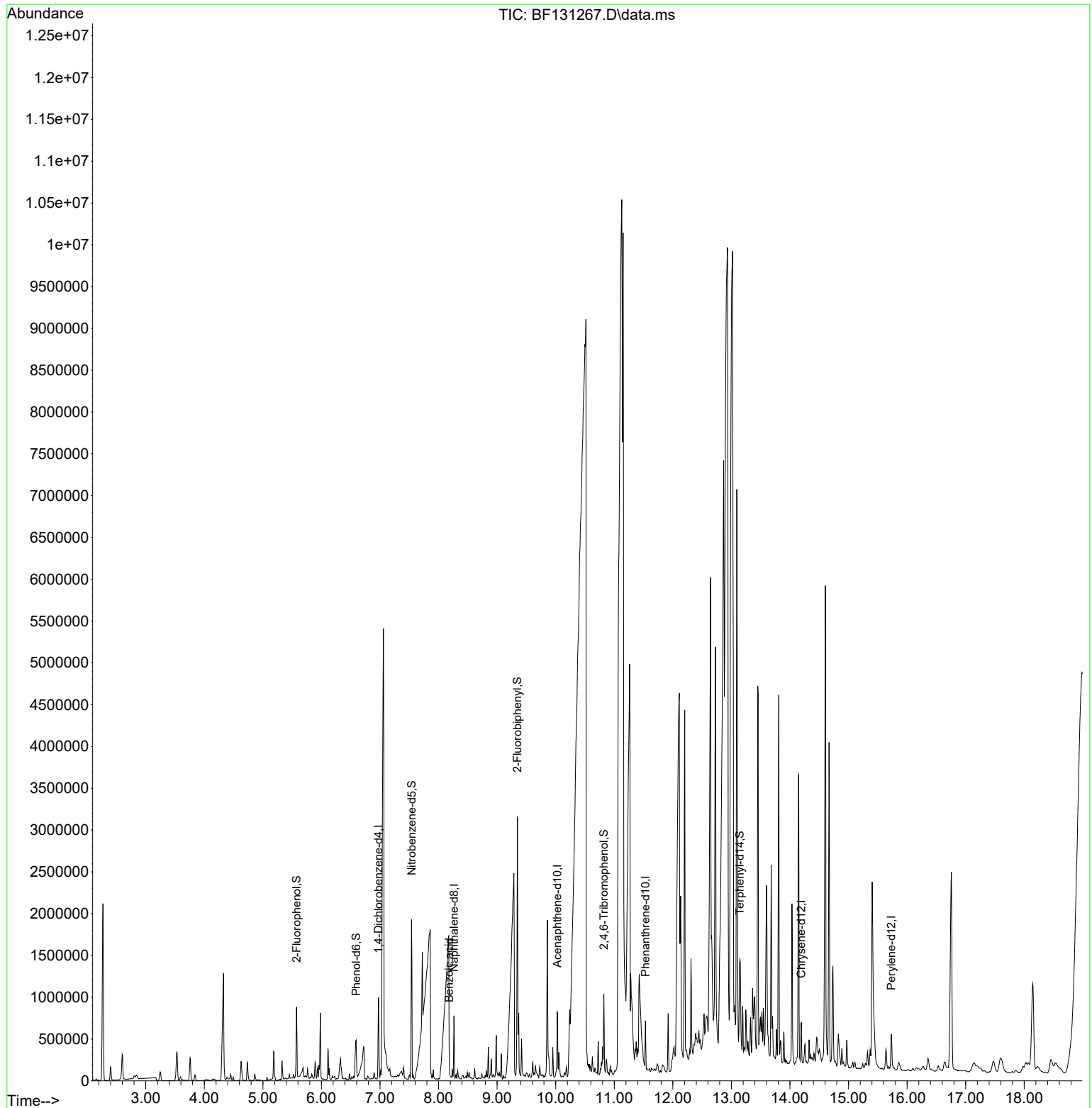
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
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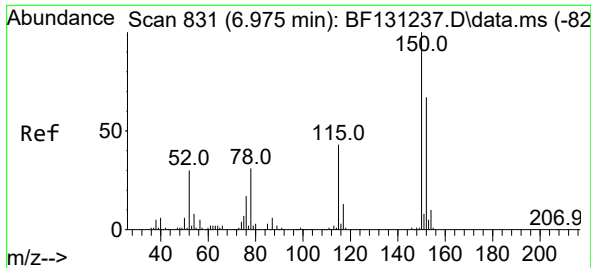
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
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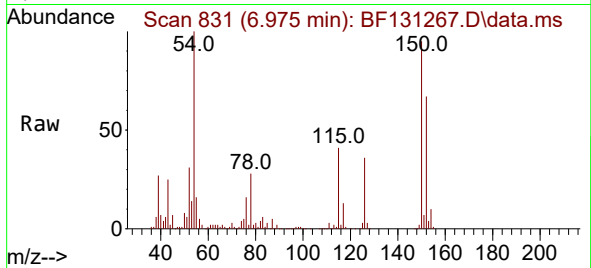
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

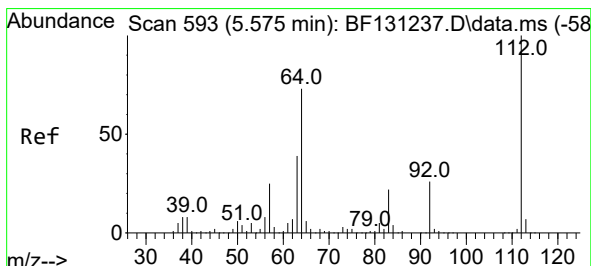
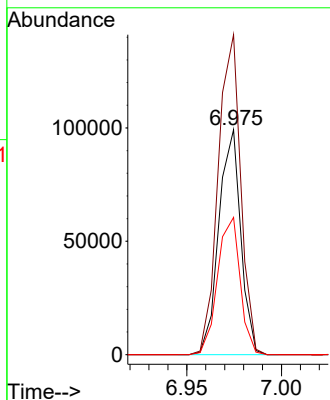
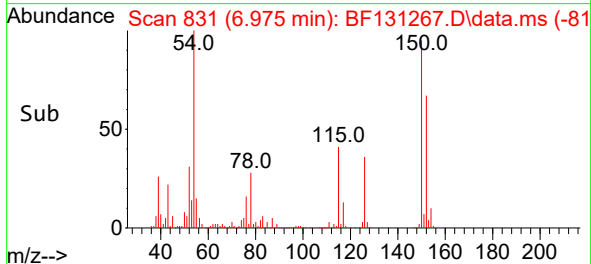
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:152 Resp: 79840
Ion Ratio Lower Upper
152 100
150 142.2 120.2 180.4
115 61.0 51.8 77.8

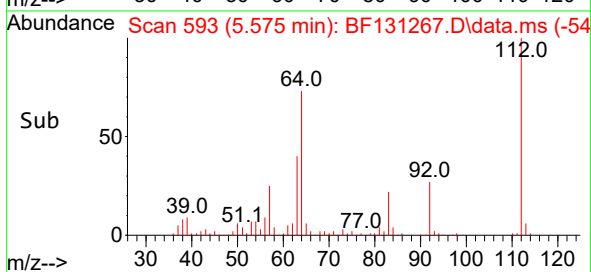
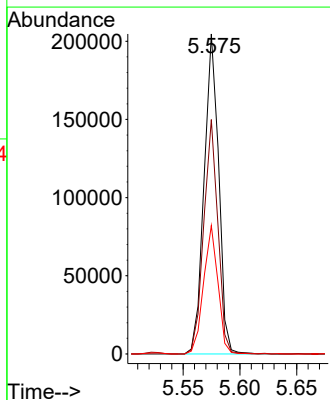
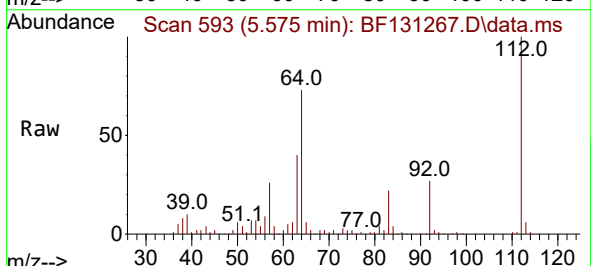
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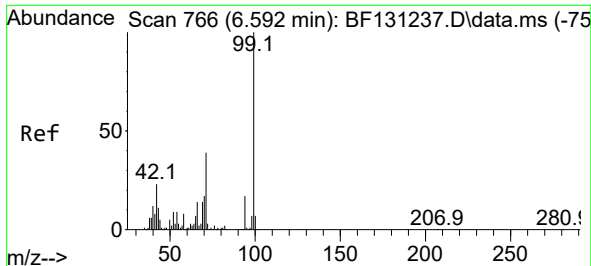
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#5
2-Fluorophenol
Concen: 40.406 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

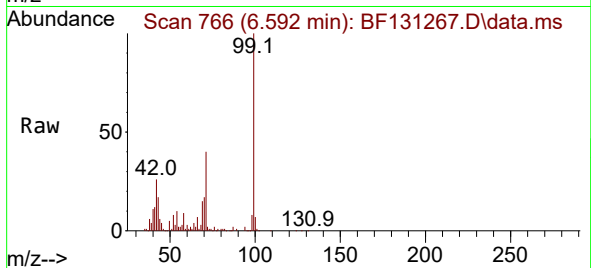
Tgt Ion:112 Resp: 182195
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 40.1 31.6 47.4





#7
Phenol-d6
Concen: 33.230 ng
RT: 6.592 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

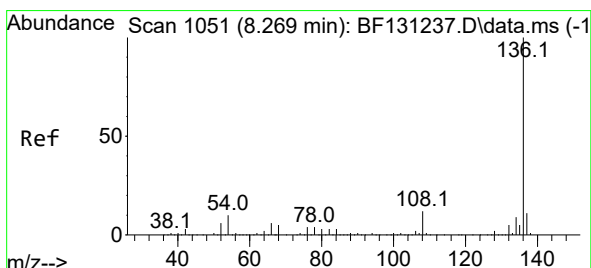
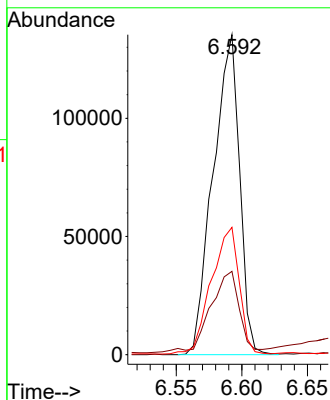
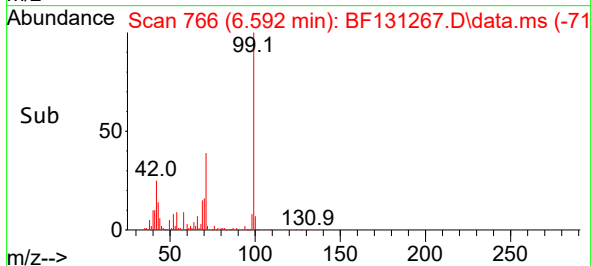
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 189780
Ion Ratio Lower Upper
99 100
42 26.1 18.6 28.0
71 39.8 31.1 46.7

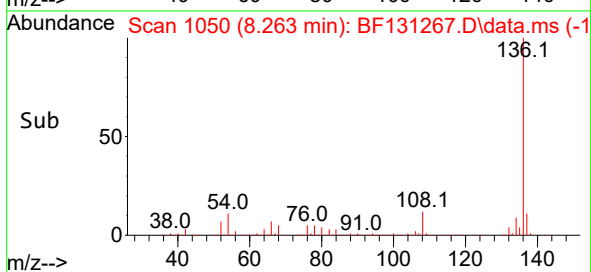
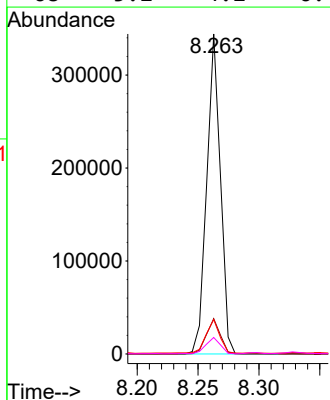
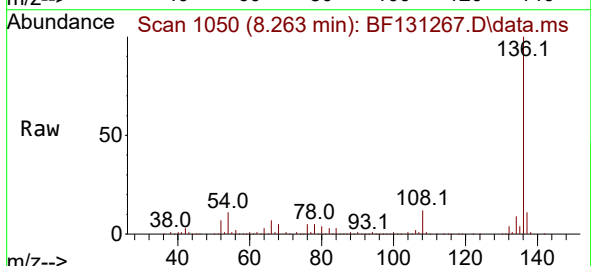
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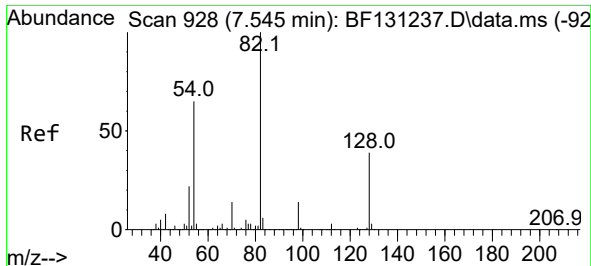
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

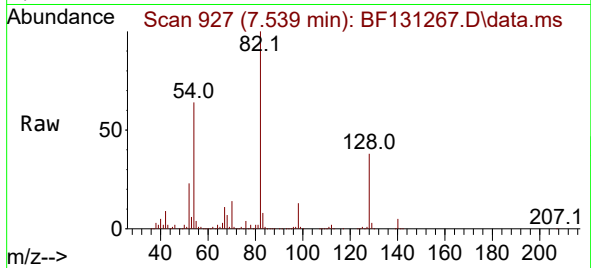
Tgt Ion:136 Resp: 267733
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.8 7.8 11.8
68 5.2 4.2 6.4





#23
Nitrobenzene-d5
Concen: 110.956 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

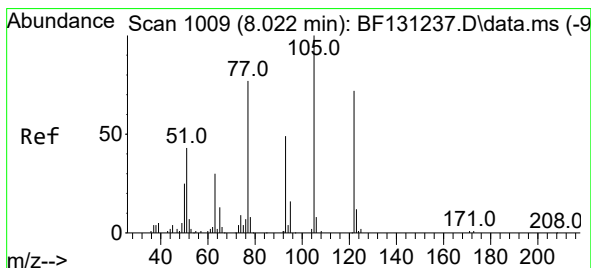
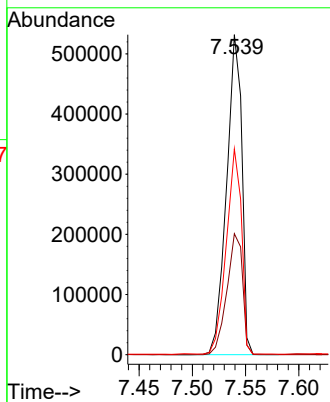
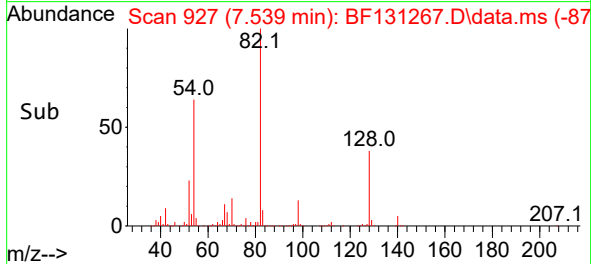
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 52924
Ion Ratio Lower Upper
82 100
128 37.8 31.1 46.7
54 64.3 51.8 77.6

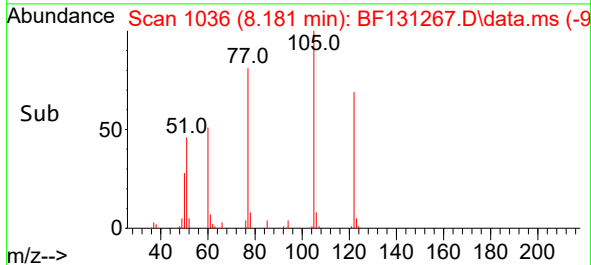
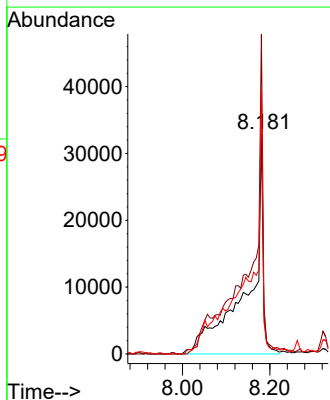
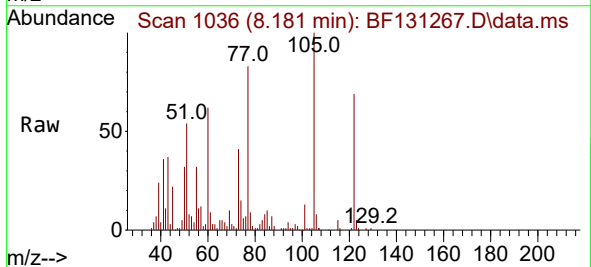
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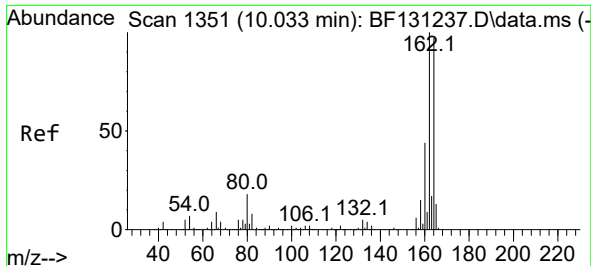
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#32
Benzoic acid
Concen: 28.694 ng m
RT: 8.181 min Scan# 1036
Delta R.T. 0.159 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

Tgt Ion:122 Resp: 72830
Ion Ratio Lower Upper
122 100
105 145.4 116.9 156.9
77 120.1 86.9 126.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131267.D

Acq: 16 Nov 2022 16:13

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:164 Resp: 131468

Ion Ratio Lower Upper

164 100

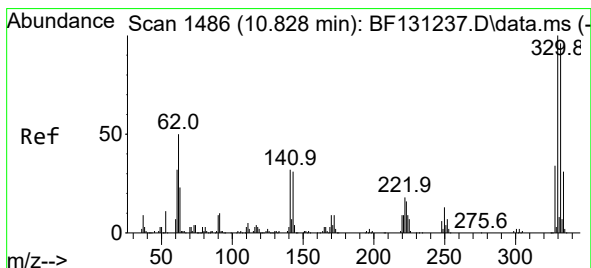
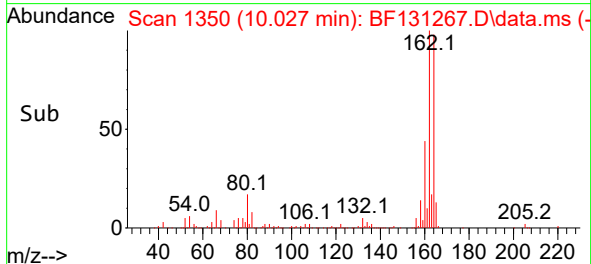
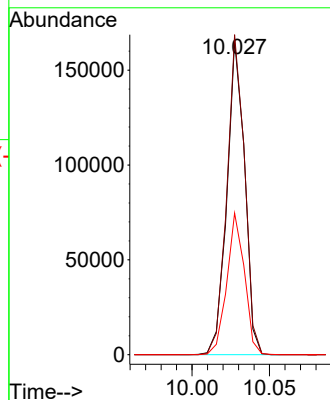
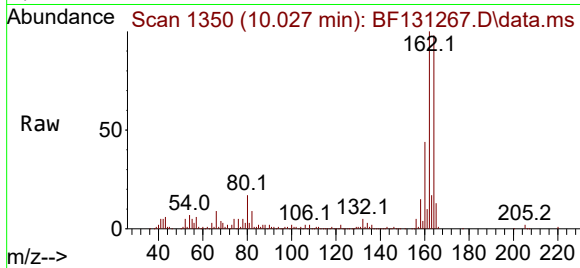
162 101.8 82.1 123.1

160 45.1 36.2 54.4

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#42

2,4,6-Tribromophenol

Concen: 69.904 ng

RT: 10.822 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF131267.D

Acq: 16 Nov 2022 16:13

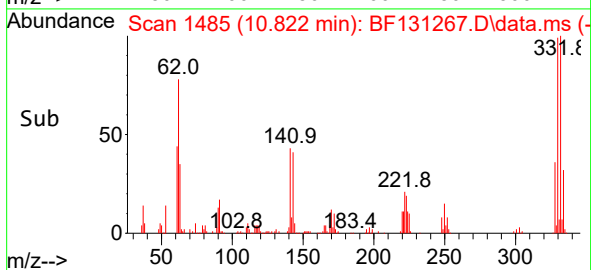
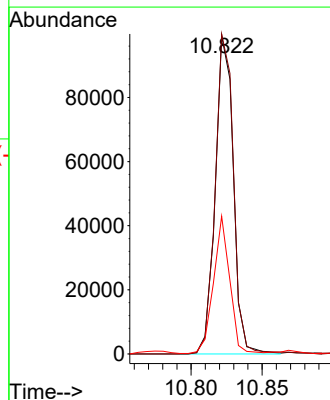
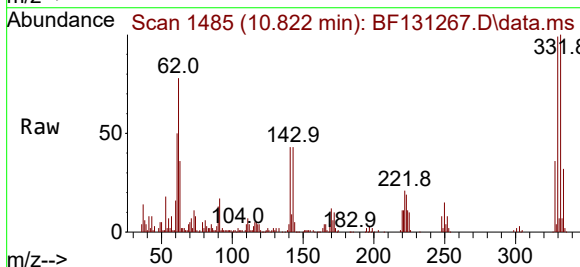
Tgt Ion:330 Resp: 87785

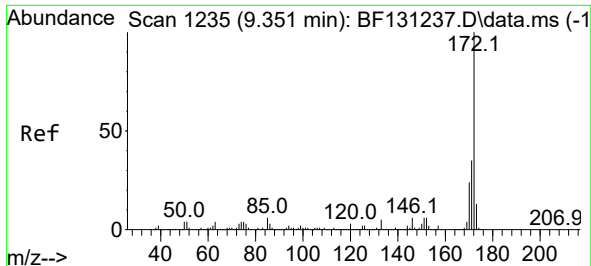
Ion Ratio Lower Upper

330 100

332 101.7 76.8 115.2

141 38.7 29.6 44.4





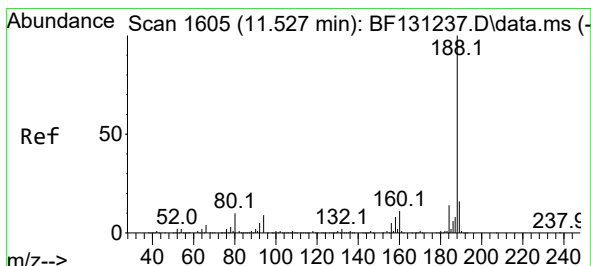
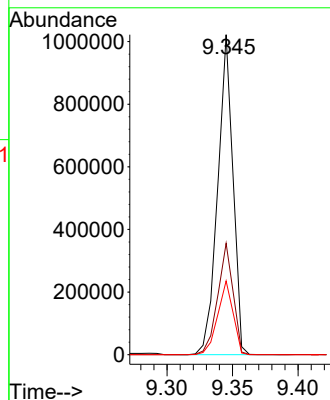
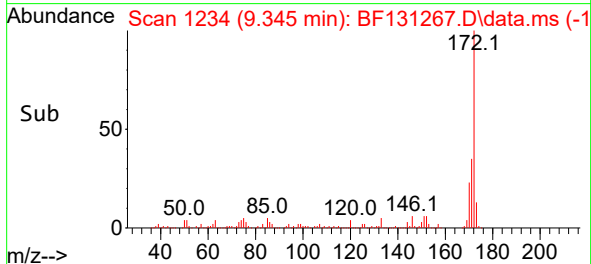
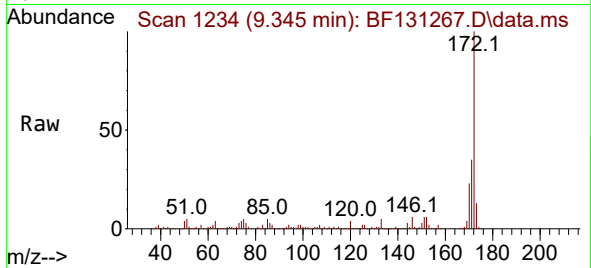
#45
2-Fluorobiphenyl
Concen: 91.952 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:172 Resp: 826069
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.1 18.8 28.2

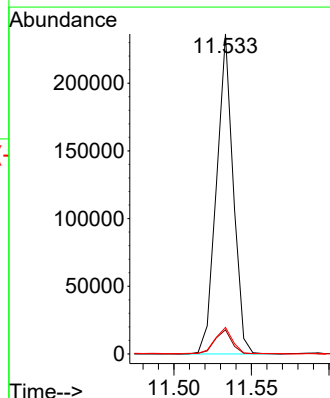
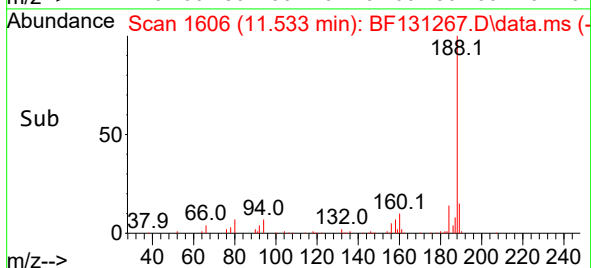
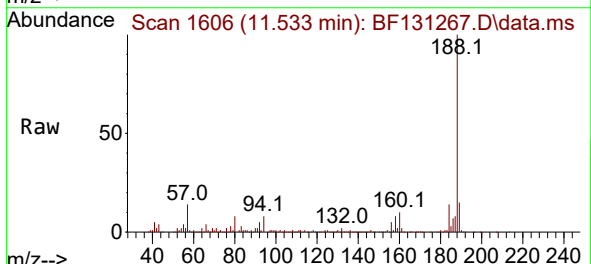
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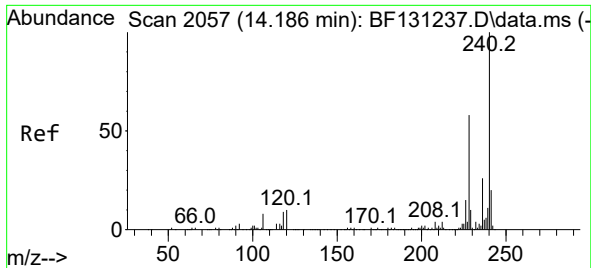
Reviewed By :Christian Giraldo 11/17/2022
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

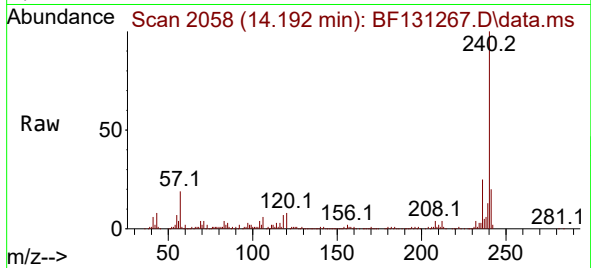
Tgt Ion:188 Resp: 177149
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.3 8.0 12.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13

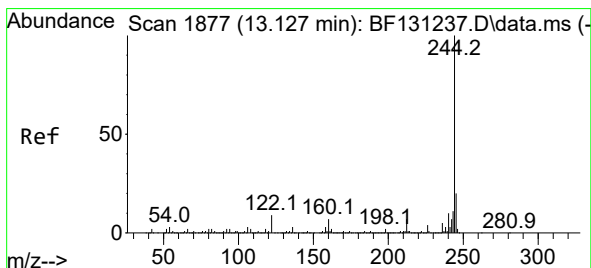
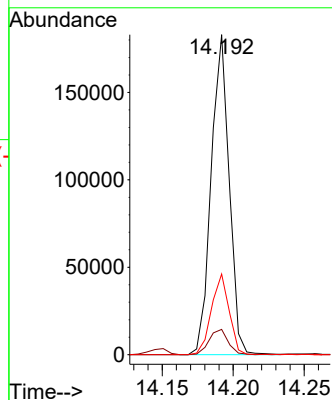
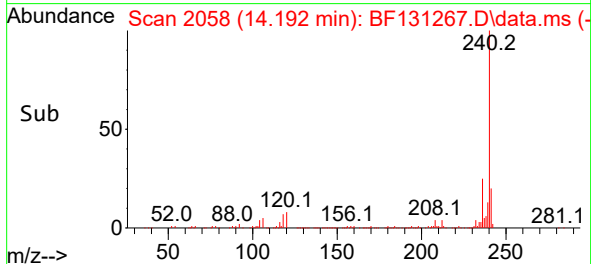
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER



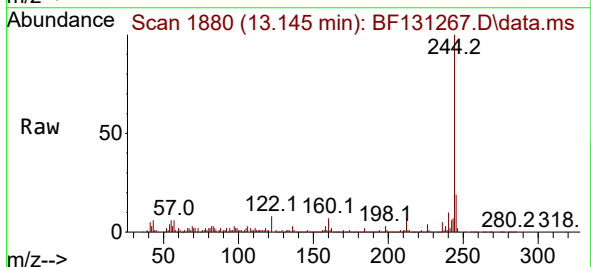
Tgt Ion:240 Resp: 161033
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.6
236 25.2 20.6 31.0

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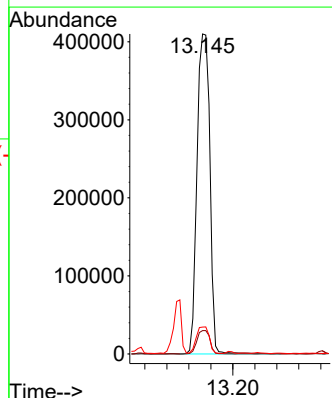
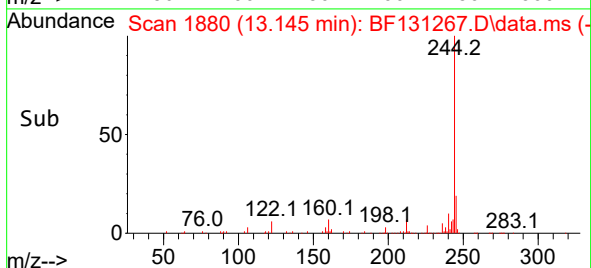
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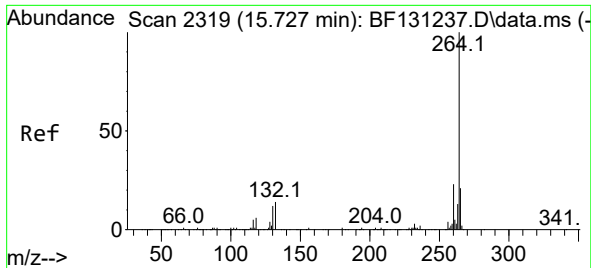


#79
Terphenyl-d14
Concen: 70.776 ng
RT: 13.145 min Scan# 1880
Delta R.T. 0.018 min
Lab File: BF131267.D
Acq: 16 Nov 2022 16:13



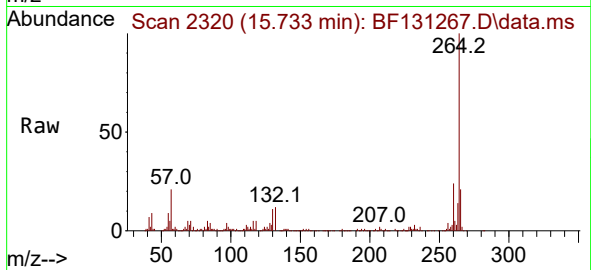
Tgt Ion:244 Resp: 663683
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.4 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131267.D
 Acq: 16 Nov 2022 16:13

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER



Tgt Ion:264 Resp: 17462
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 20.9 16.6 24.8

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