

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131681.D
 Acq On : 16 Dec 2022 23:06
 Operator : CG\JU
 Sample : N6061-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12013

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 03:59:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	67736	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	243480	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	140417	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	266357	20.000	ng	0.00
76) Chrysene-d12	14.080	240	160745	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	150968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	578430	142.463	ng	0.01
7) Phenol-d6	6.516	99	695305	130.681	ng	0.00
23) Nitrobenzene-d5	7.451	82	569904	88.493	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	228598	146.530	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	966396	86.777	ng	0.00
79) Terphenyl-d14	13.021	244	1149339	98.056	ng	0.00
Target Compounds						
32) Benzoic acid	7.898	122	20861m	8.484	ng	Qvalue

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

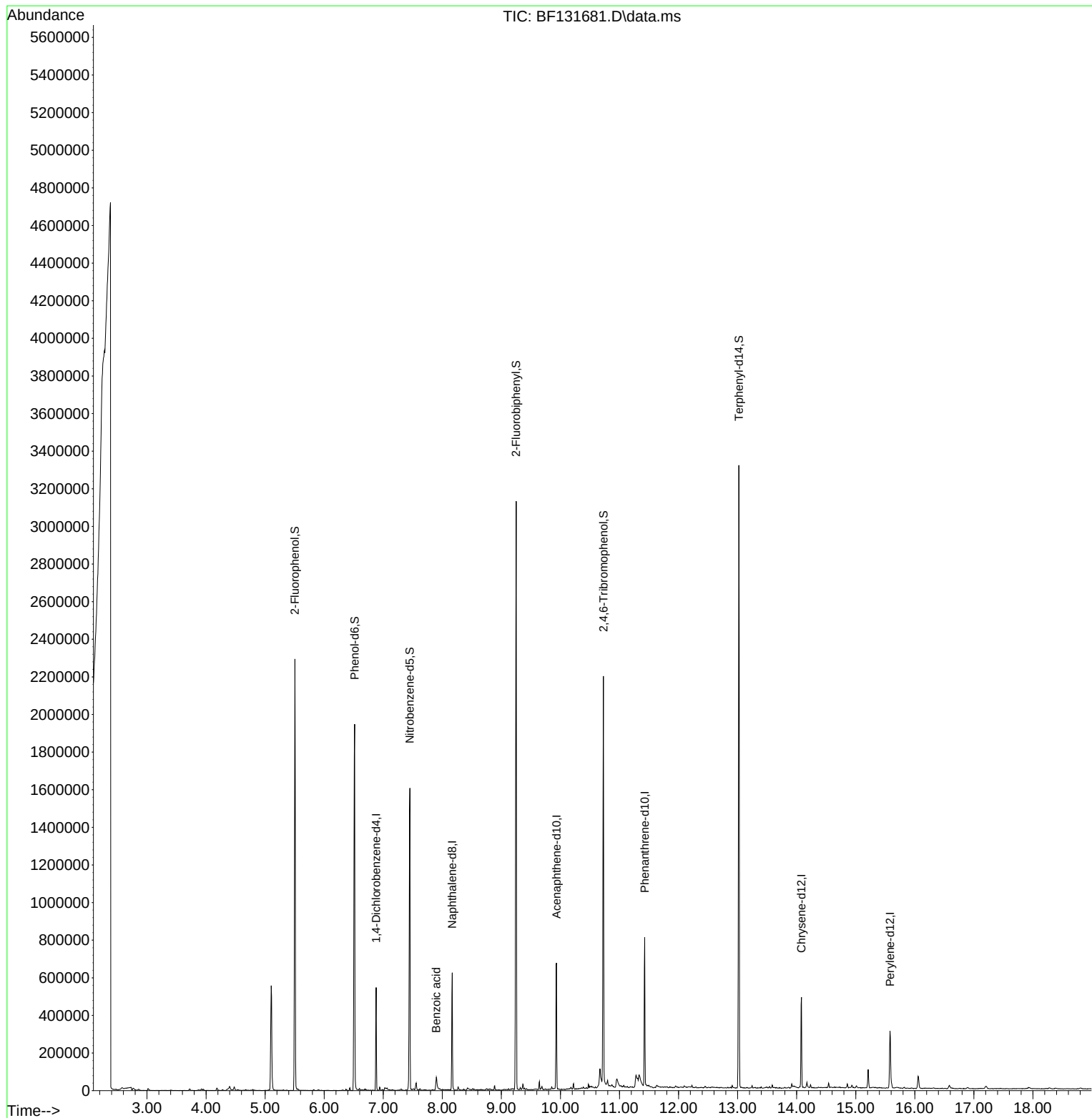
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
Data File : BF131681.D
Acq On : 16 Dec 2022 23:06
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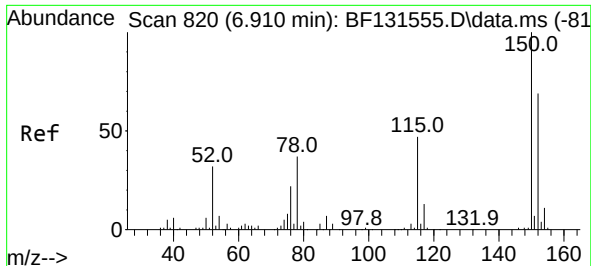
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Quant Time: Dec 17 03:59:48 2022
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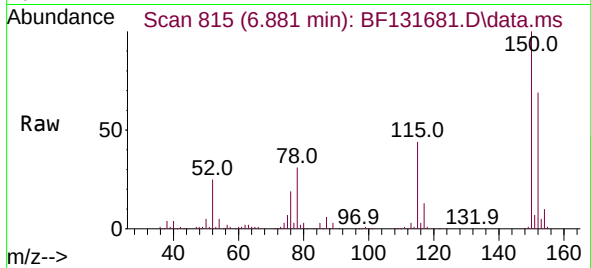
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

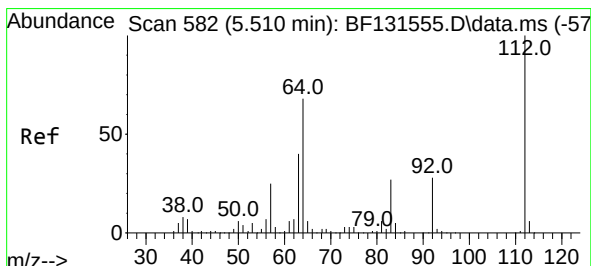
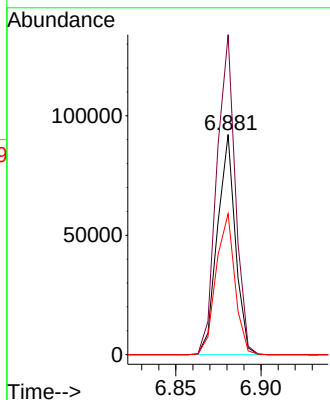
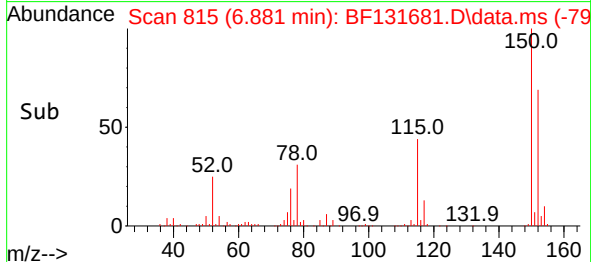
Instrument :
BNA_F
ClientSampleId :
72-12013



Tgt Ion:152 Resp: 67730
Ion Ratio Lower Upper
152 100
150 145.3 116.7 175.1
115 64.0 54.6 82.0

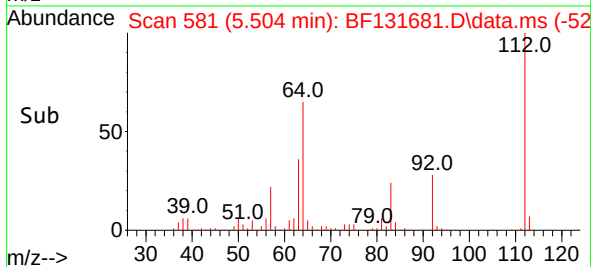
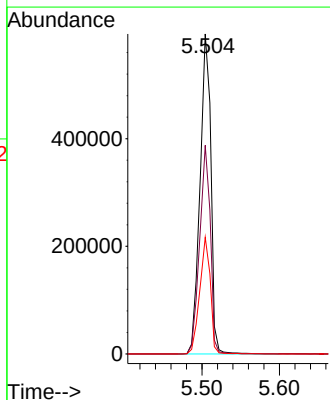
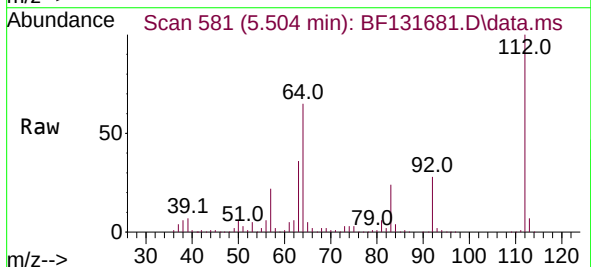
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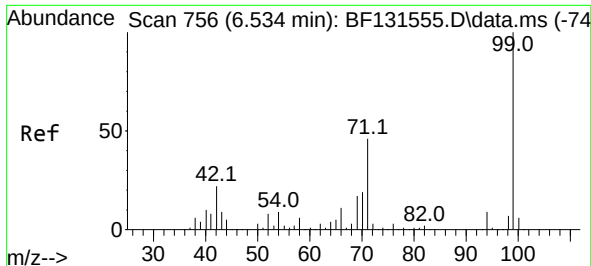
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#5
2-Fluorophenol
Concen: 142.463 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

Tgt Ion:112 Resp: 578430
Ion Ratio Lower Upper
112 100
64 65.2 54.5 81.7
63 36.4 31.9 47.9





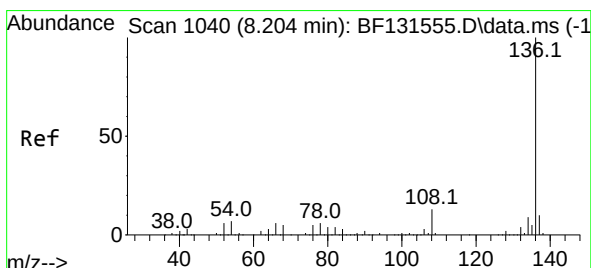
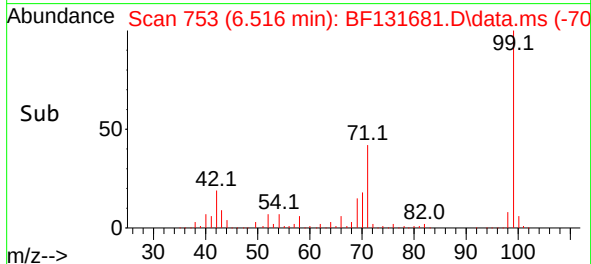
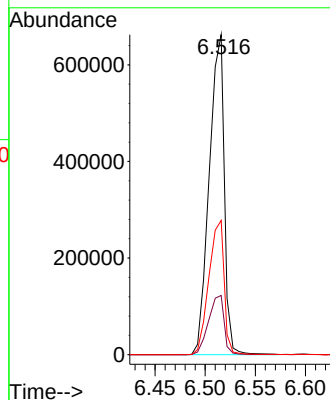
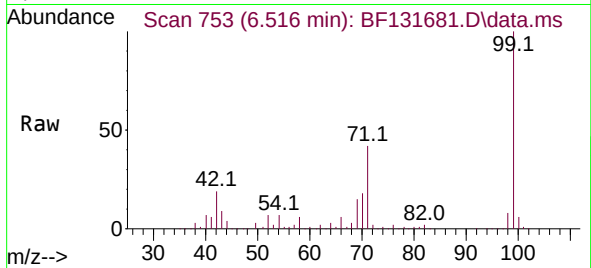
#7
Phenol-d6
Concen: 130.681 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

Instrument :
BNA_F
ClientSampleId :
72-12013

Tgt Ion: 99 Resp: 69530
Ion Ratio Lower Upper
99 100
42 18.5 17.9 26.9
71 41.9 37.2 55.8

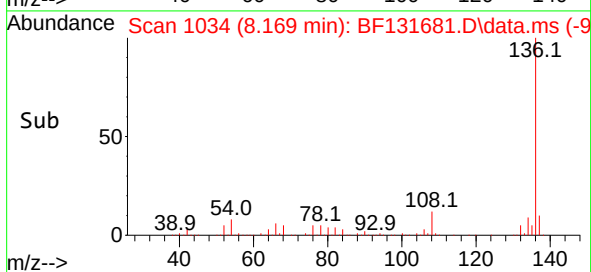
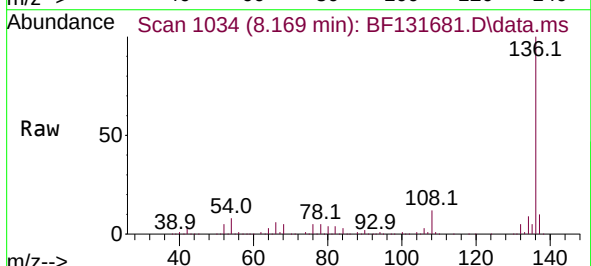
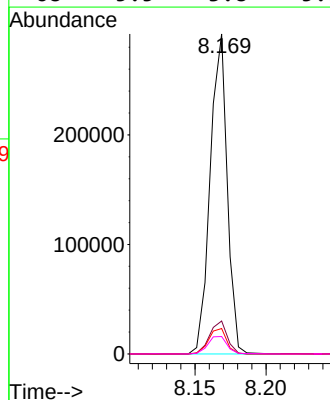
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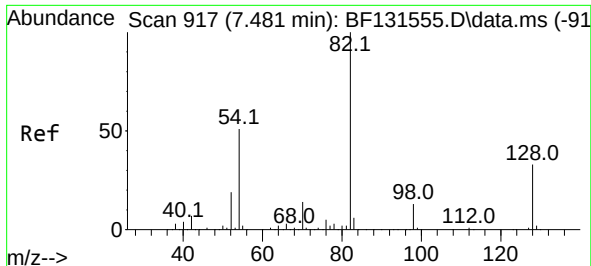
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

Tgt Ion:136 Resp: 243480
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 7.9 6.0 9.0
68 5.5 3.8 5.8





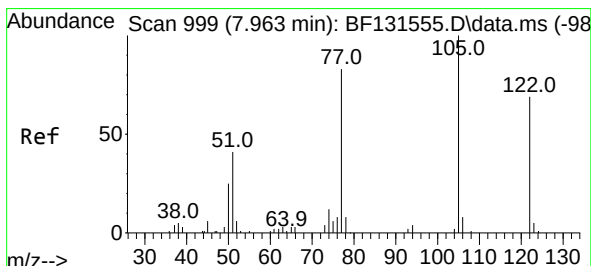
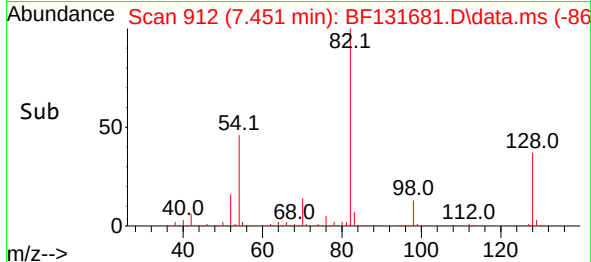
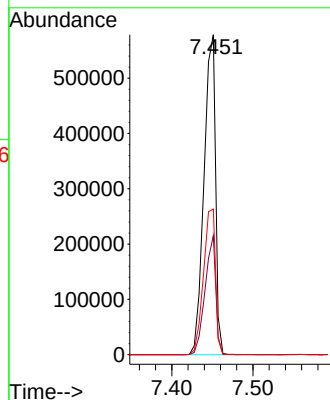
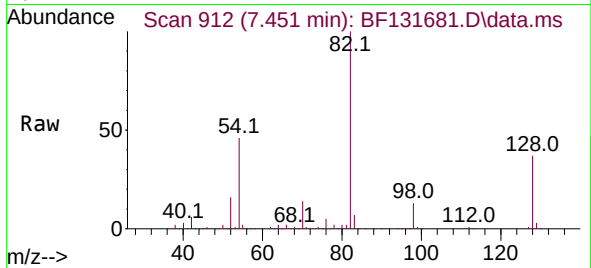
#23
Nitrobenzene-d5
Concen: 88.493 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

Instrument :
BNA_F
ClientSampleId :
72-12013

Tgt Ion: 82 Resp: 569904
Ion Ratio Lower Upper
82 100
128 37.1 26.1 39.1
54 45.5 40.6 60.8

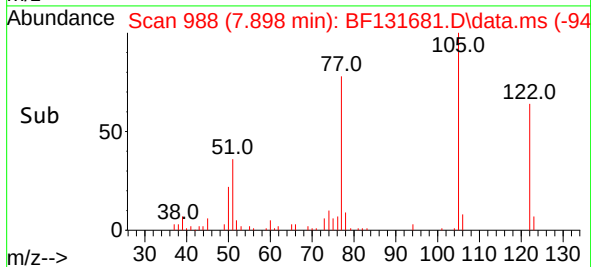
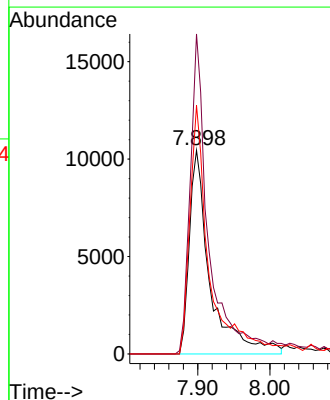
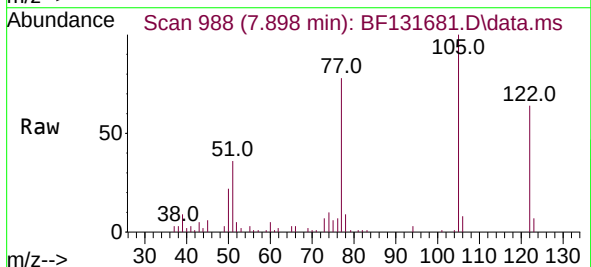
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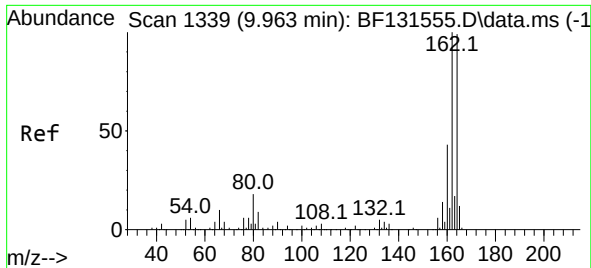
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#32
Benzoic acid
Concen: 8.484 ng m
RT: 7.898 min Scan# 988
Delta R.T. -0.053 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

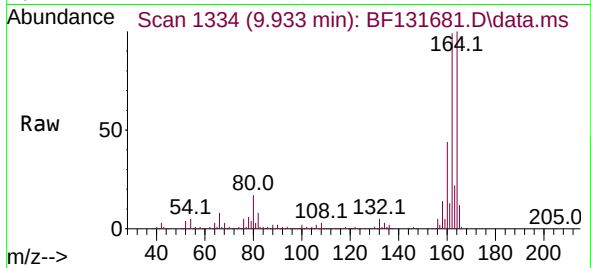
Tgt Ion:122 Resp: 20861
Ion Ratio Lower Upper
122 100
105 157.1 119.8 159.8
77 122.0 97.6 137.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

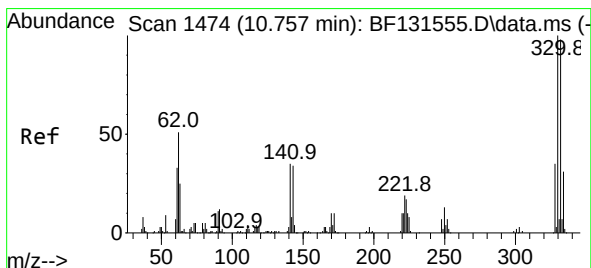
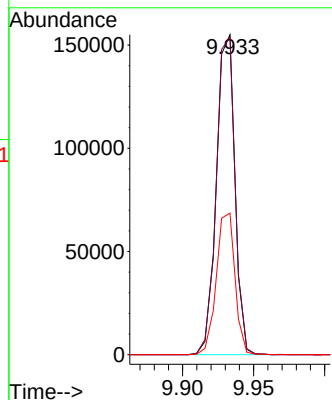
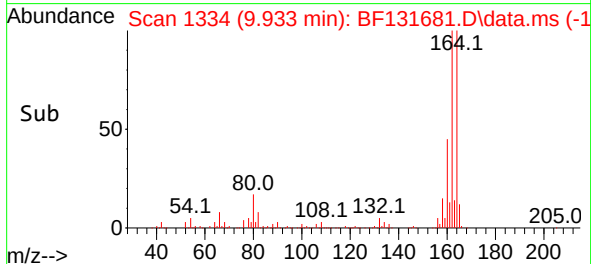
Instrument :
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ClientSampleId :
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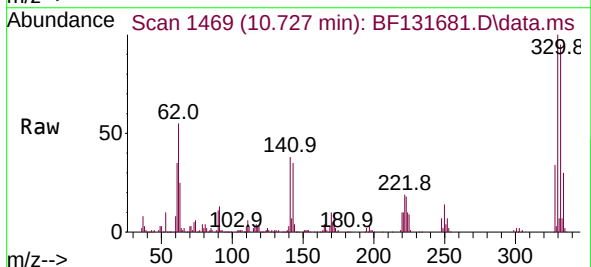
Tgt Ion:164 Resp: 14041
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.6
160 44.3 35.0 52.6

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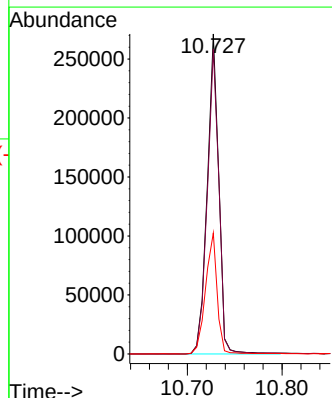
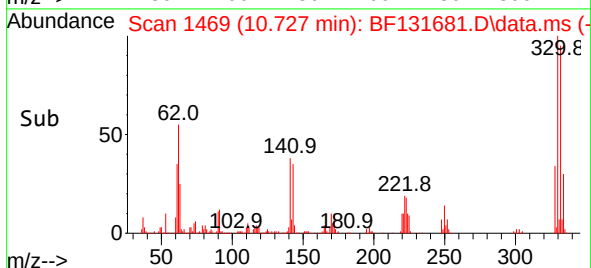
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Supervised By :mohammad ahmed 12/19/2022

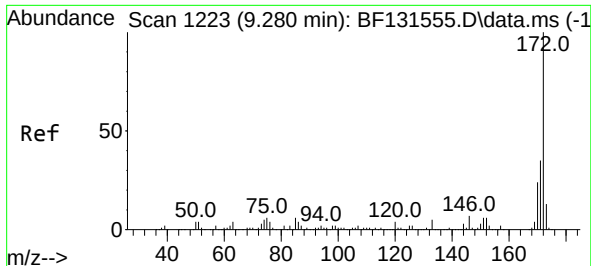


#42
2,4,6-Tribromophenol
Concen: 146.530 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06



Tgt Ion:330 Resp: 228598
Ion Ratio Lower Upper
330 100
332 96.6 78.3 117.5
141 38.1 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 86.777 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131681.D

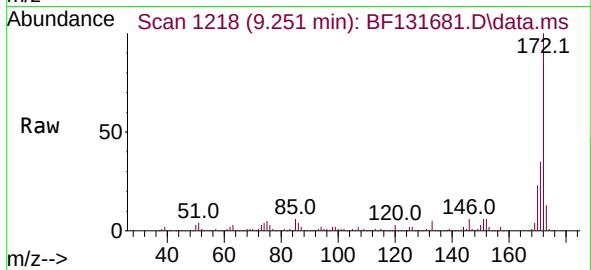
Acq: 16 Dec 2022 23:06

Instrument :

BNA_F

ClientSampleId :

72-12013



Tgt Ion:172 Resp: 966390

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

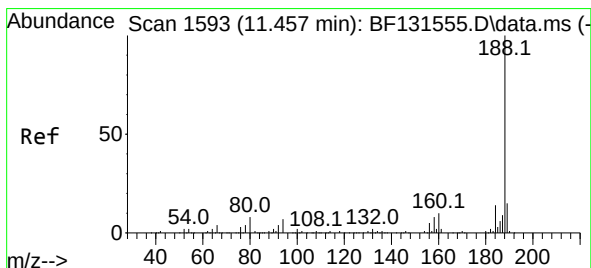
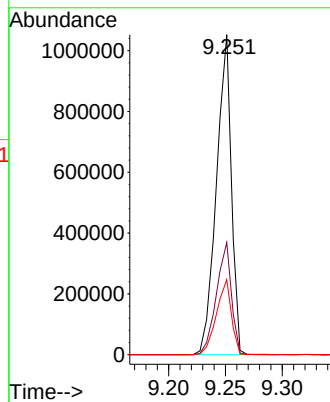
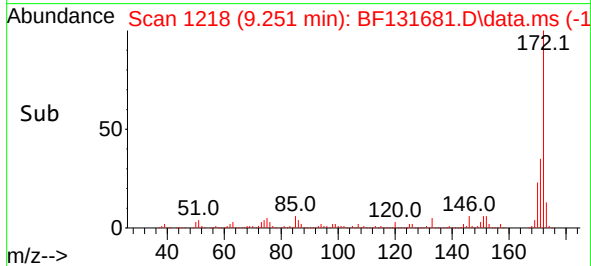
170 23.4 19.3 28.9

Manual Integrations

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Supervised By :mohammad ahmed 12/19/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF131681.D

Acq: 16 Dec 2022 23:06

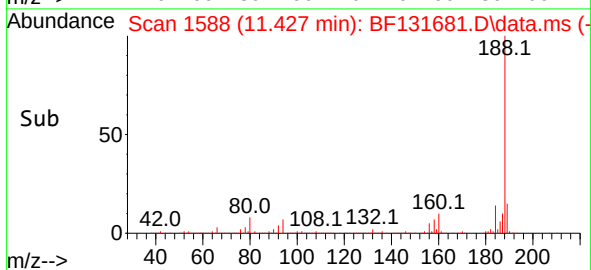
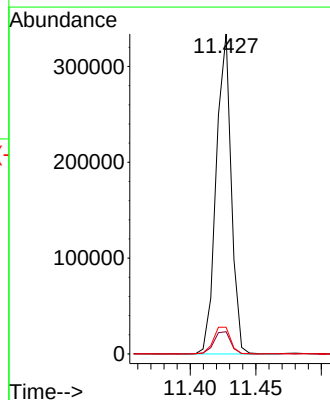
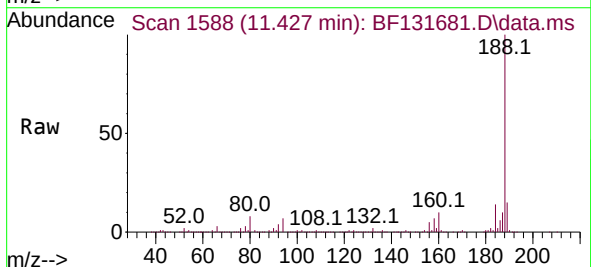
Tgt Ion:188 Resp: 266357

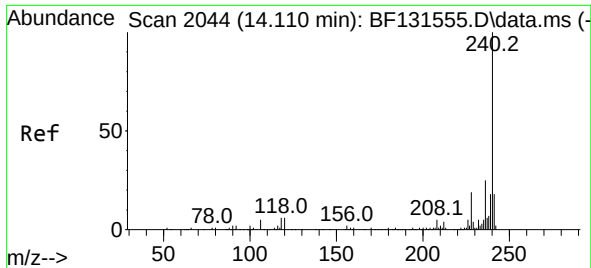
Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

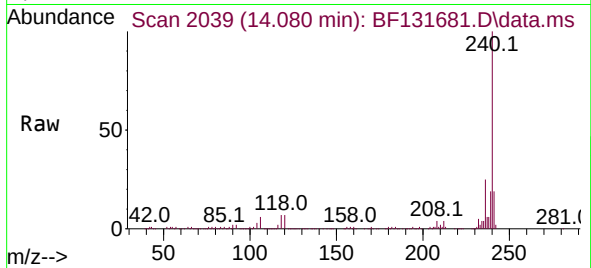
80 8.4 6.6 10.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06

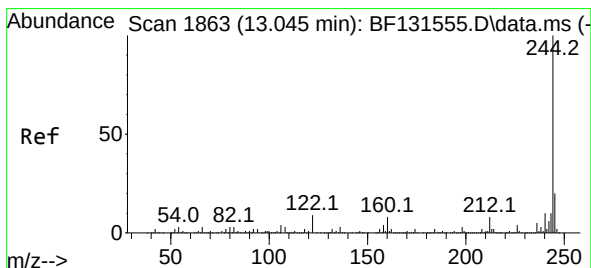
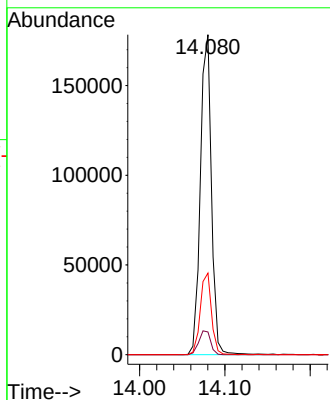
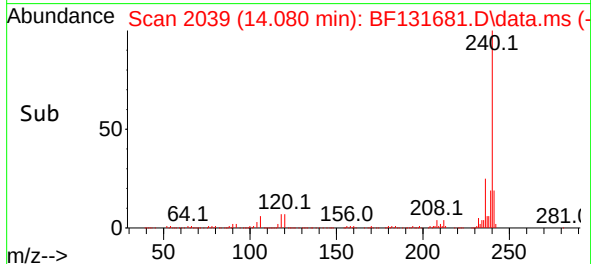
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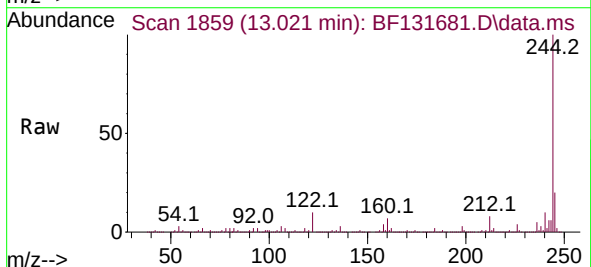
Tgt Ion:240 Resp: 160745
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0
236 25.5 20.2 30.2

Manual Integrations
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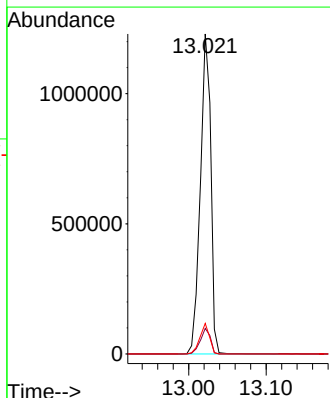
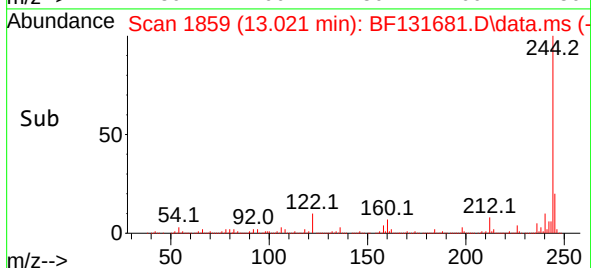
Reviewed By :Yogesh Patel 12/19/2022
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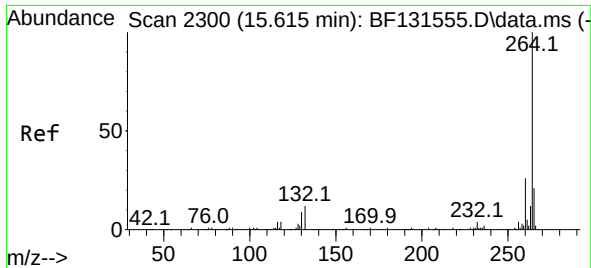


#79
Terphenyl-d14
Concen: 98.056 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131681.D
Acq: 16 Dec 2022 23:06



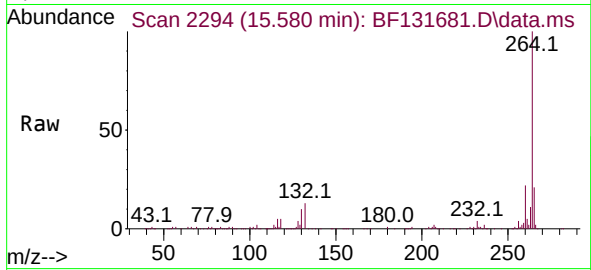
Tgt Ion:244 Resp: 1149339
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.5 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131681.D
 Acq: 16 Dec 2022 23:06

Instrument :
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 72-12013



Tgt Ion:264 Resp: 150968
 Ion Ratio Lower Upper
 264 100
 260 22.4 20.6 30.8
 265 21.5 16.8 25.2

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