

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131682.D
 Acq On : 16 Dec 2022 23:39
 Operator : CG\JU
 Sample : N6024-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 04:00:02 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	73091	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	258837	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	144661	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	270726	20.000	ng	0.00
76) Chrysene-d12	14.080	240	154899	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	175964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	471287	107.570	ng	0.00
7) Phenol-d6	6.510	99	618324	107.698	ng	0.00
23) Nitrobenzene-d5	7.445	82	423956	61.925	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	148648	92.487	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	671200	58.502	ng	0.00
79) Terphenyl-d14	13.021	244	609494	53.962	ng	0.00
Target Compounds						
32) Benzoic acid	7.892	122	6369m	2.437	ng	Qvalue

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

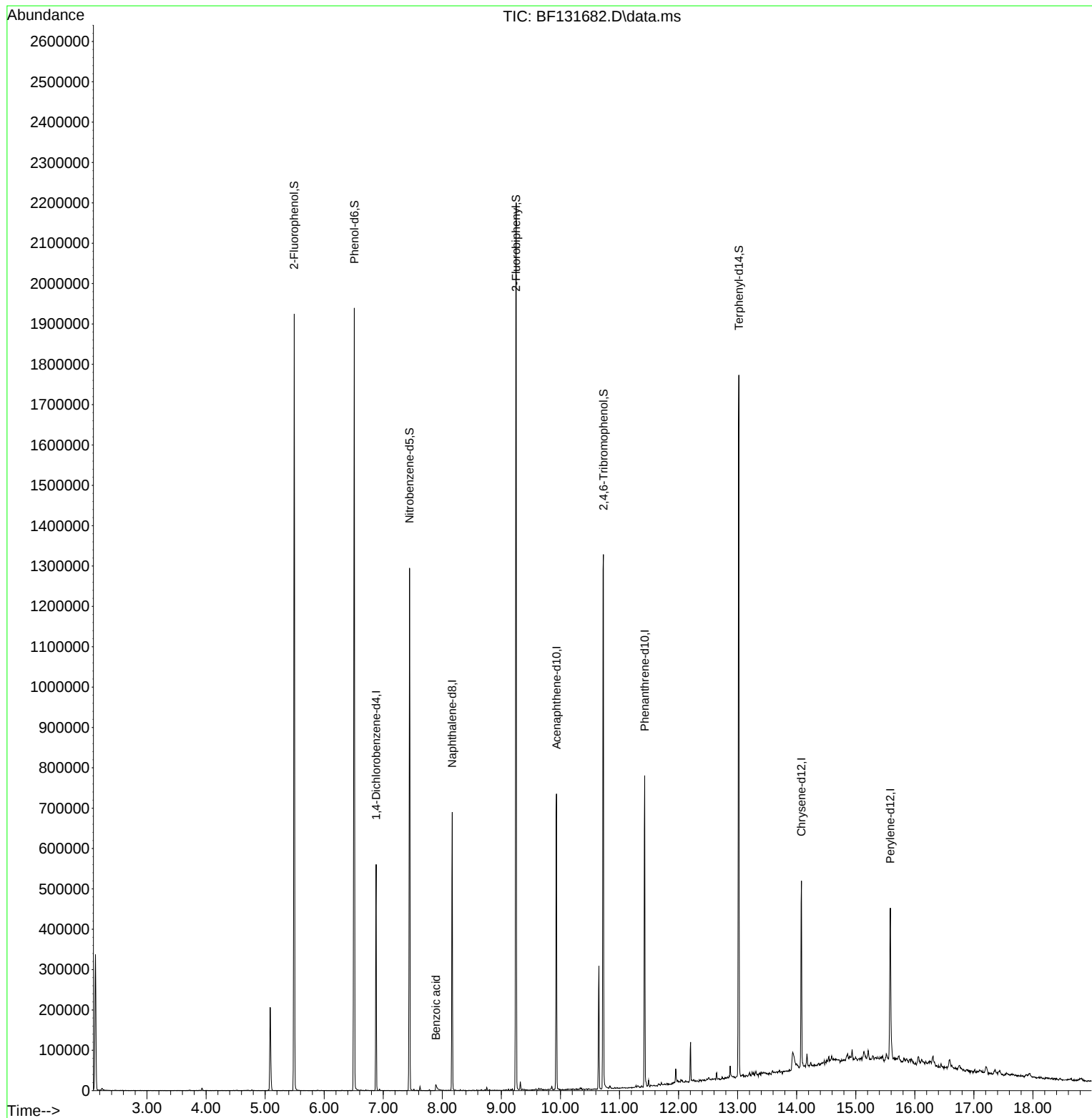
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
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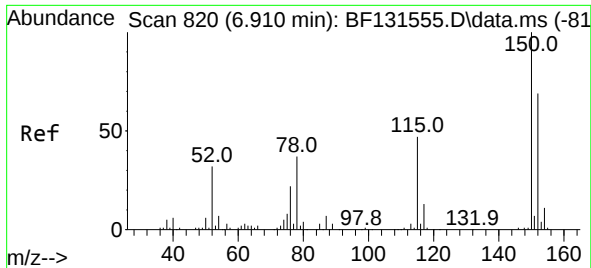
Instrument :
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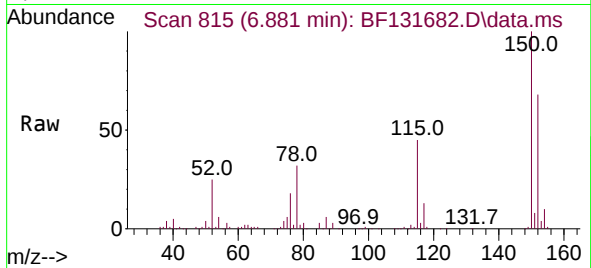
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

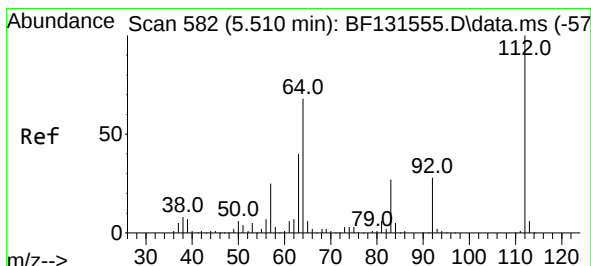
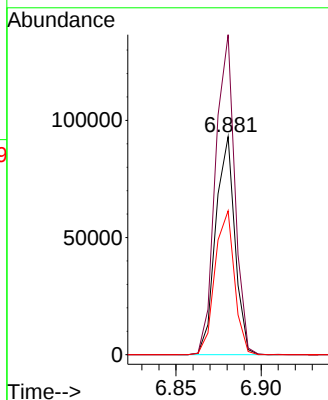
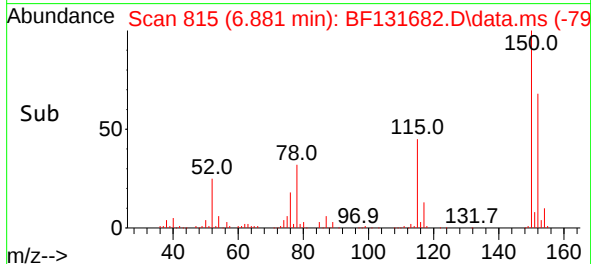
Instrument :
BNA_F
ClientSampleId :
TP-Q



Tgt Ion:152 Resp: 7309
Ion Ratio Lower Upper
152 100
150 146.7 116.7 175.1
115 66.0 54.6 82.0

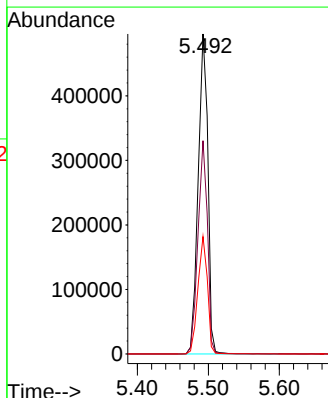
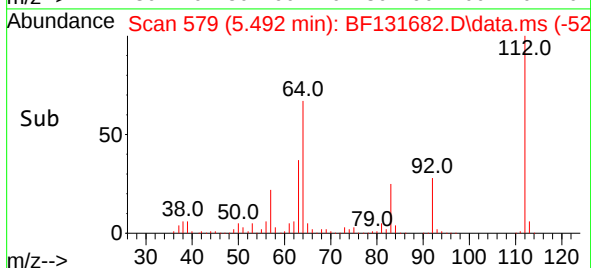
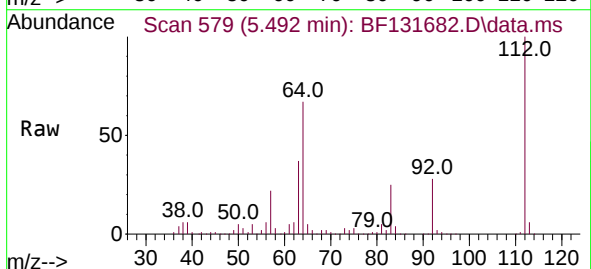
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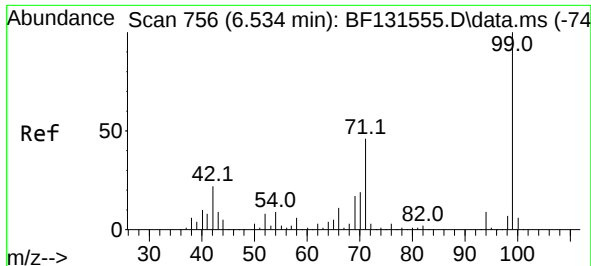
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#5
2-Fluorophenol
Concen: 107.570 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion:112 Resp: 471287
Ion Ratio Lower Upper
112 100
64 66.7 54.5 81.7
63 36.7 31.9 47.9





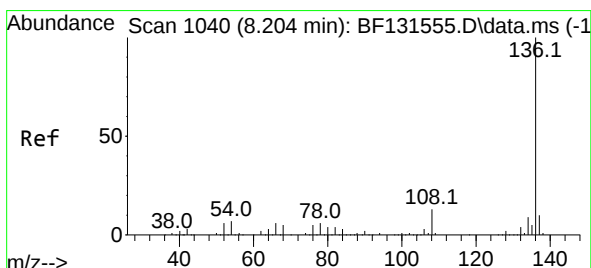
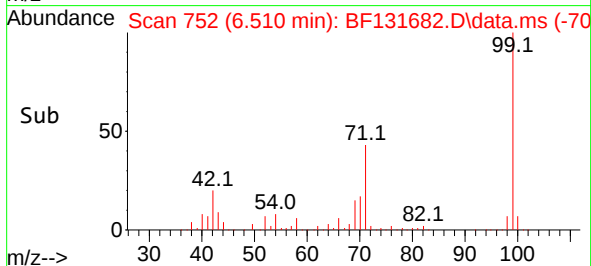
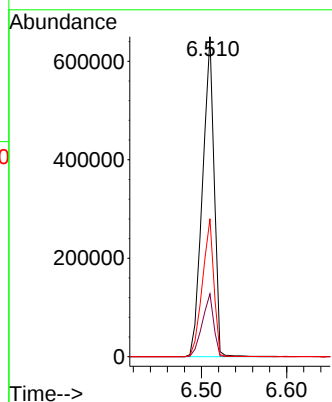
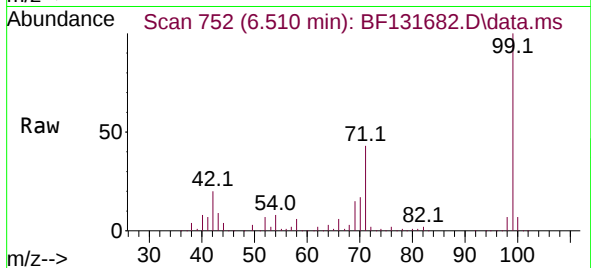
#7
Phenol-d6
Concen: 107.698 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Instrument :
BNA_F
ClientSampleId :
TP-Q

Tgt Ion: 99 Resp: 618324
Ion Ratio Lower Upper
99 100
42 19.6 17.9 26.9
71 43.1 37.2 55.8

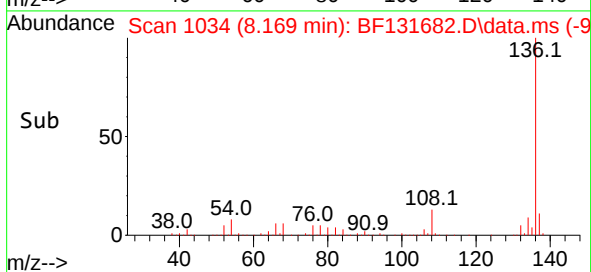
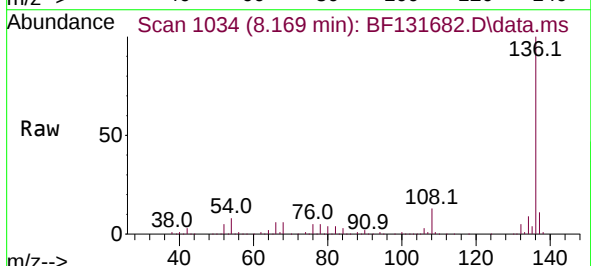
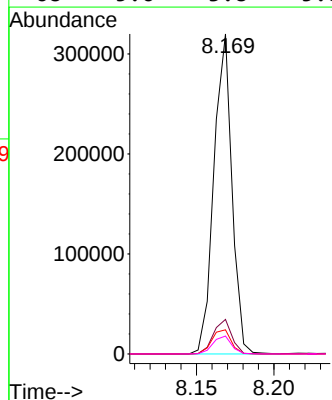
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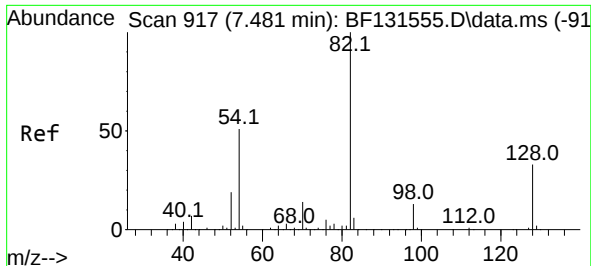
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion:136 Resp: 258837
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.5 6.0 9.0
68 5.6 3.8 5.8





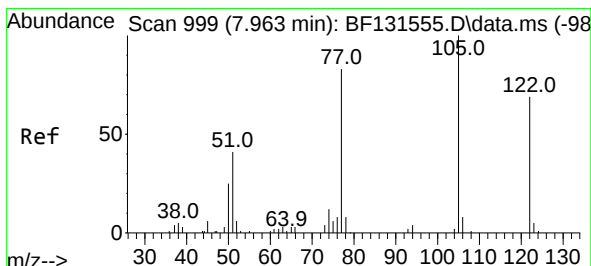
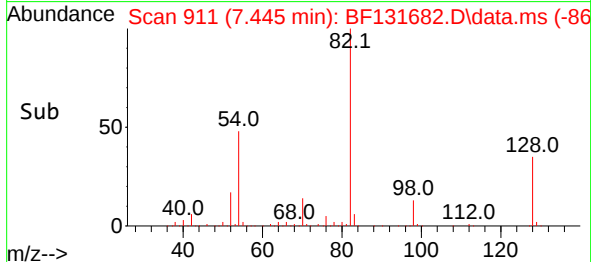
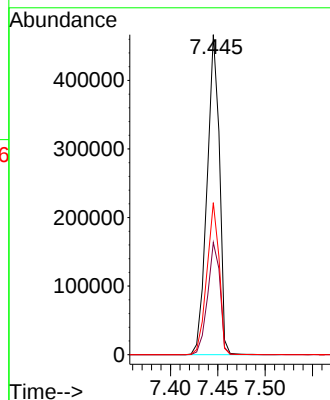
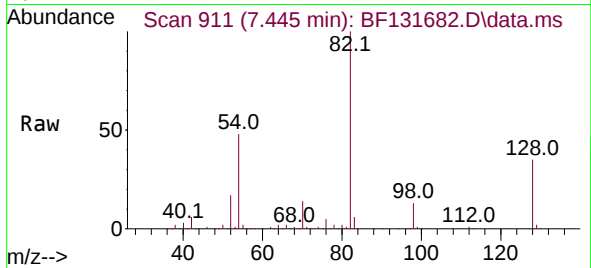
#23
Nitrobenzene-d5
Concen: 61.925 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Instrument :
BNA_F
ClientSampleId :
TP-Q

Tgt Ion: 82 Resp: 423950
Ion Ratio Lower Upper
82 100
128 35.0 26.1 39.1
54 47.5 40.6 60.8

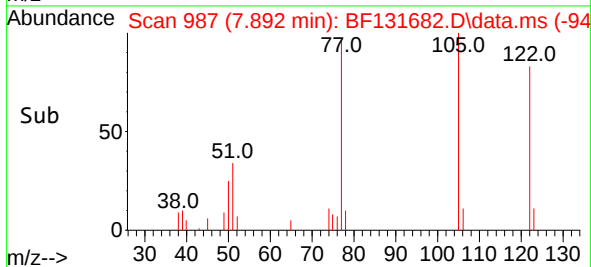
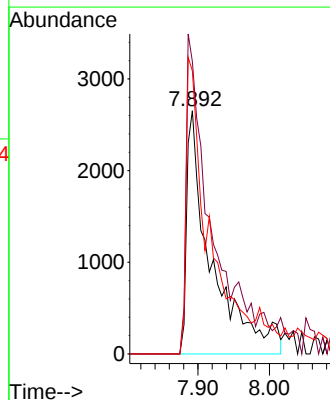
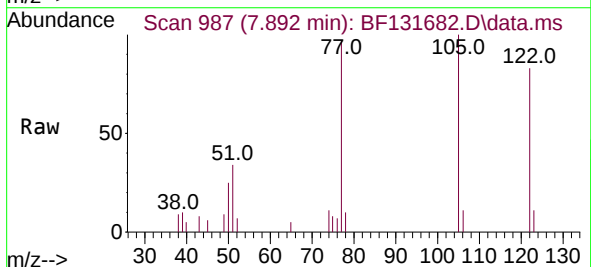
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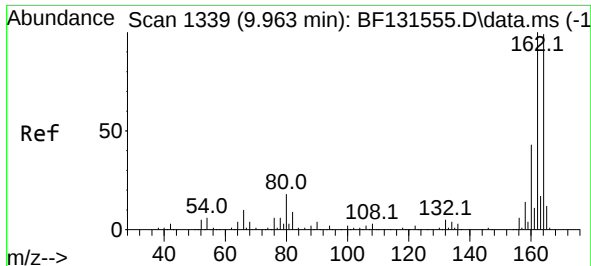
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#32
Benzoic acid
Concen: 2.437 ng m
RT: 7.892 min Scan# 987
Delta R.T. -0.059 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion:122 Resp: 6369
Ion Ratio Lower Upper
122 100
105 120.2 119.8 159.8
77 116.4 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: BF131682.D

Acq: 16 Dec 2022 23:39

Instrument :

BNA_F

ClientSampleId :

TP-Q

Tgt Ion:164 Resp: 14466

Ion Ratio Lower Upper

164 100

162 103.9 81.0 121.6

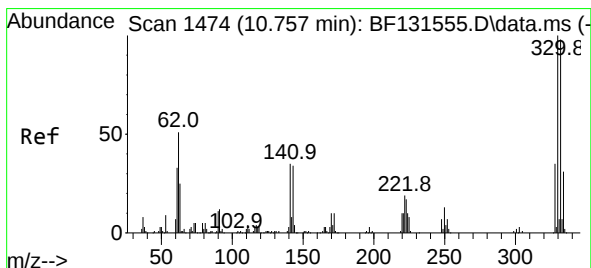
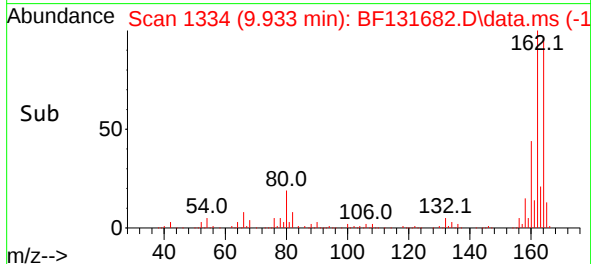
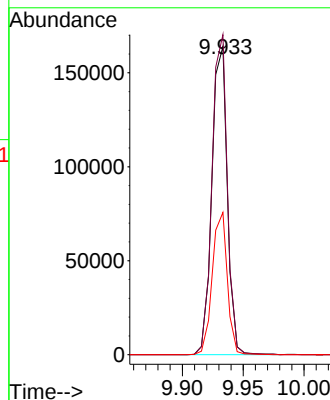
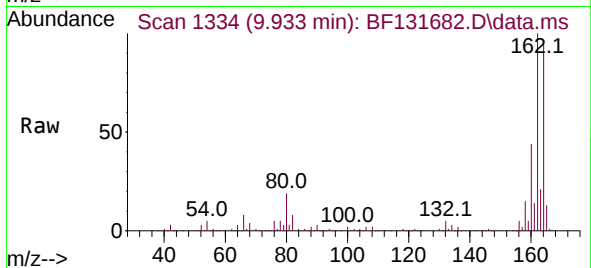
160 46.2 35.0 52.6

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#42

2,4,6-Tribromophenol

Concen: 92.487 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131682.D

Acq: 16 Dec 2022 23:39

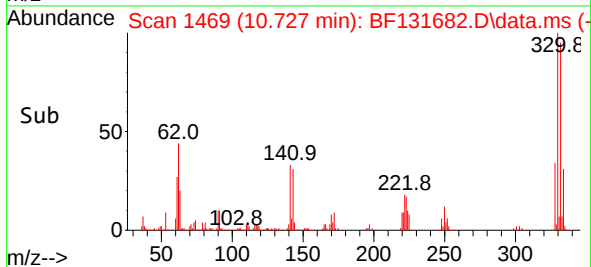
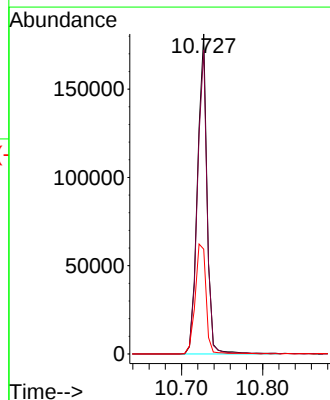
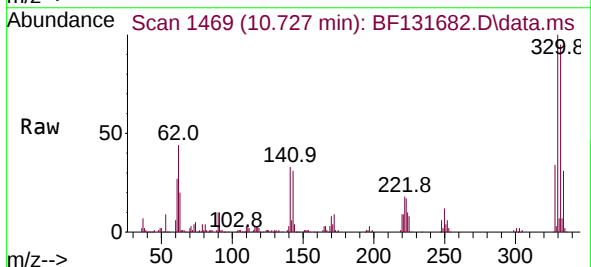
Tgt Ion:330 Resp: 148648

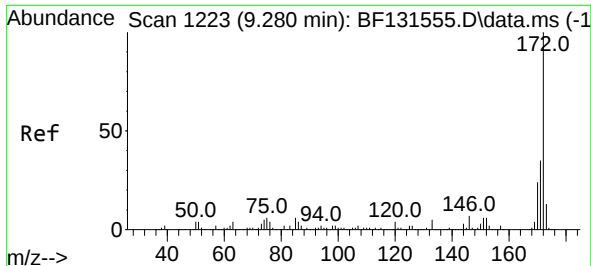
Ion Ratio Lower Upper

330 100

332 95.9 78.3 117.5

141 38.9 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 58.502 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131682.D

Acq: 16 Dec 2022 23:39

Instrument :

BNA_F

ClientSampleId :

TP-Q

Tgt Ion:172 Resp: 671200

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

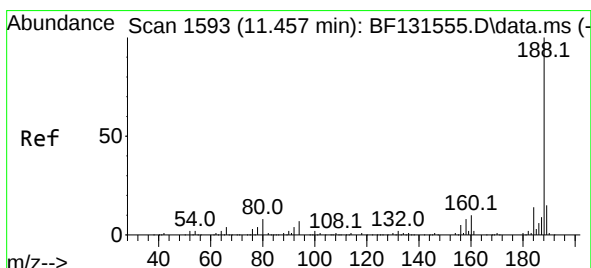
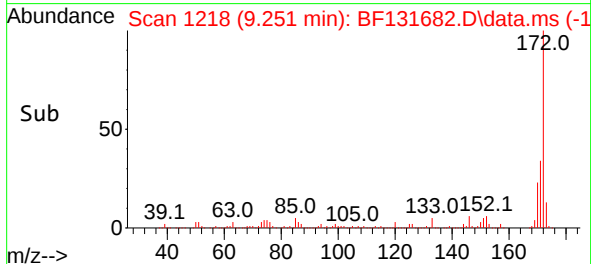
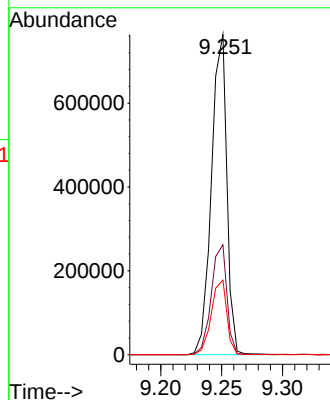
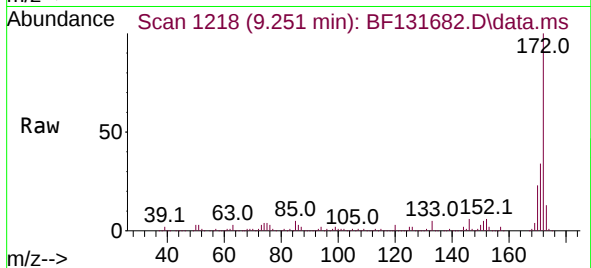
170 23.3 19.3 28.9

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF131682.D

Acq: 16 Dec 2022 23:39

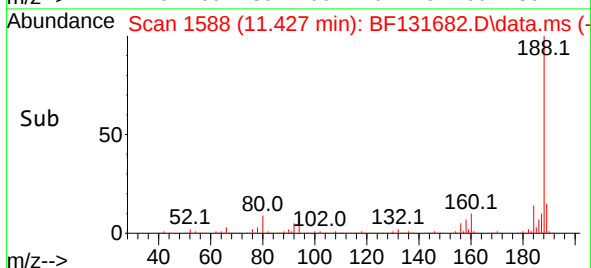
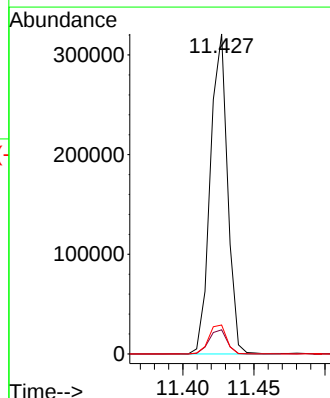
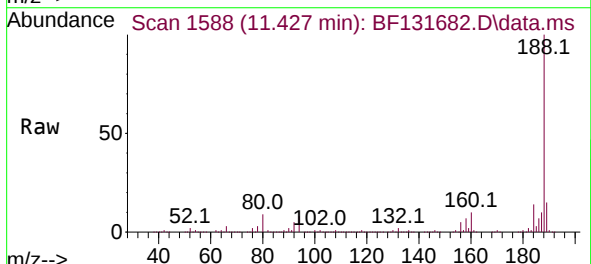
Tgt Ion:188 Resp: 270726

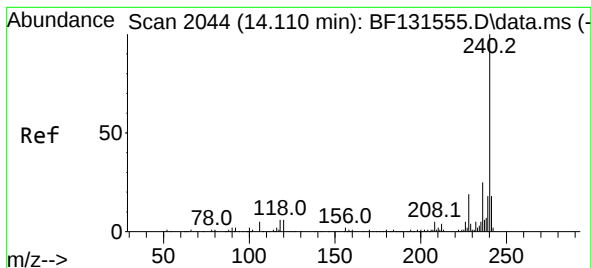
Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 9.1 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: BF131682.D

Acq: 16 Dec 2022 23:39

Instrument :

BNA_F

ClientSampleId :

TP-Q

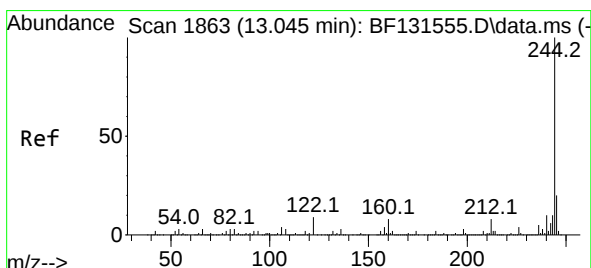
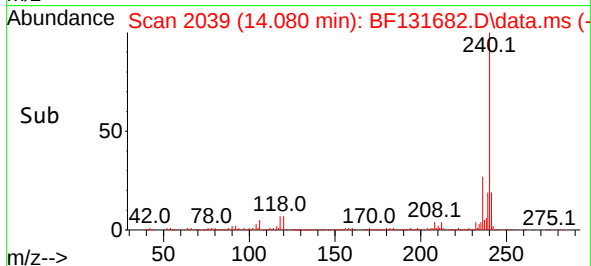
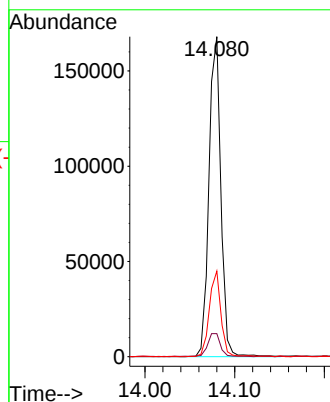
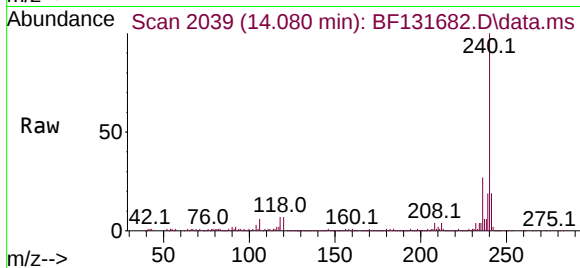
Tgt Ion:240 Resp: 154899
 Ion Ratio Lower Upper
 240 100
 120 7.2 4.6 7.0
 236 26.7 20.2 30.2

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#79

Terphenyl-d14

Concen: 53.962 ng

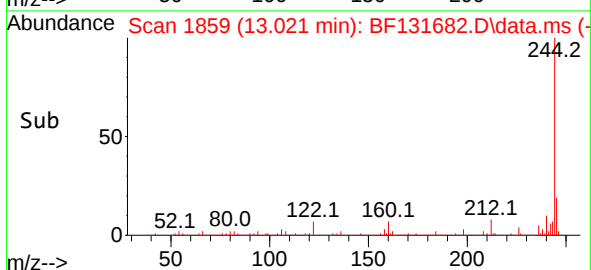
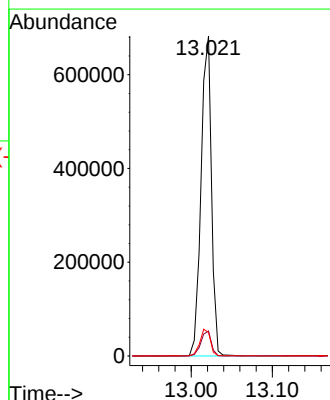
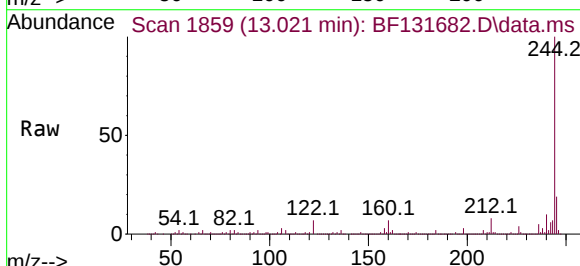
RT: 13.021 min Scan# 1859

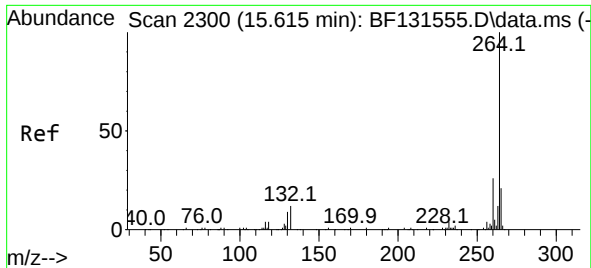
Delta R.T. -0.000 min

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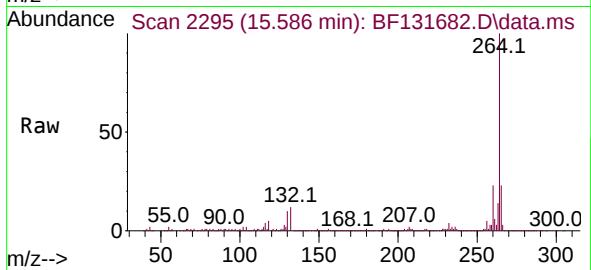
Tgt Ion:244 Resp: 609494
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.4 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131682.D
 Acq: 16 Dec 2022 23:39

Instrument :
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Tgt Ion:264 Resp: 175964
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.6 30.8
 265 22.6 16.8 25.2

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