

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133971.D
 Acq On : 27 Jun 2023 03:40
 Operator : CG\JU
 Sample : 03365-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 27 06:03:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	85829	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	303368	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	121545	20.000	ng	0.03
64) Phenanthrene-d10	11.533	188	121046	20.000	ng	# 0.15
76) Chrysene-d12	14.139	240	95559	20.000	ng	# 0.09
86) Perylene-d12	15.604	264	85005	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	383240	74.692	ng	0.00
7) Phenol-d6	6.487	99	453554	71.878	ng	0.00
23) Nitrobenzene-d5	7.410	82	321685	57.160	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	72969m	47.882	ng	0.11
45) 2-Fluorobiphenyl	9.228	172	662740	79.275	ng	0.02
79) Terphenyl-d14	13.121	244	288328	48.561	ng	0.14

Target Compounds Qvalue

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

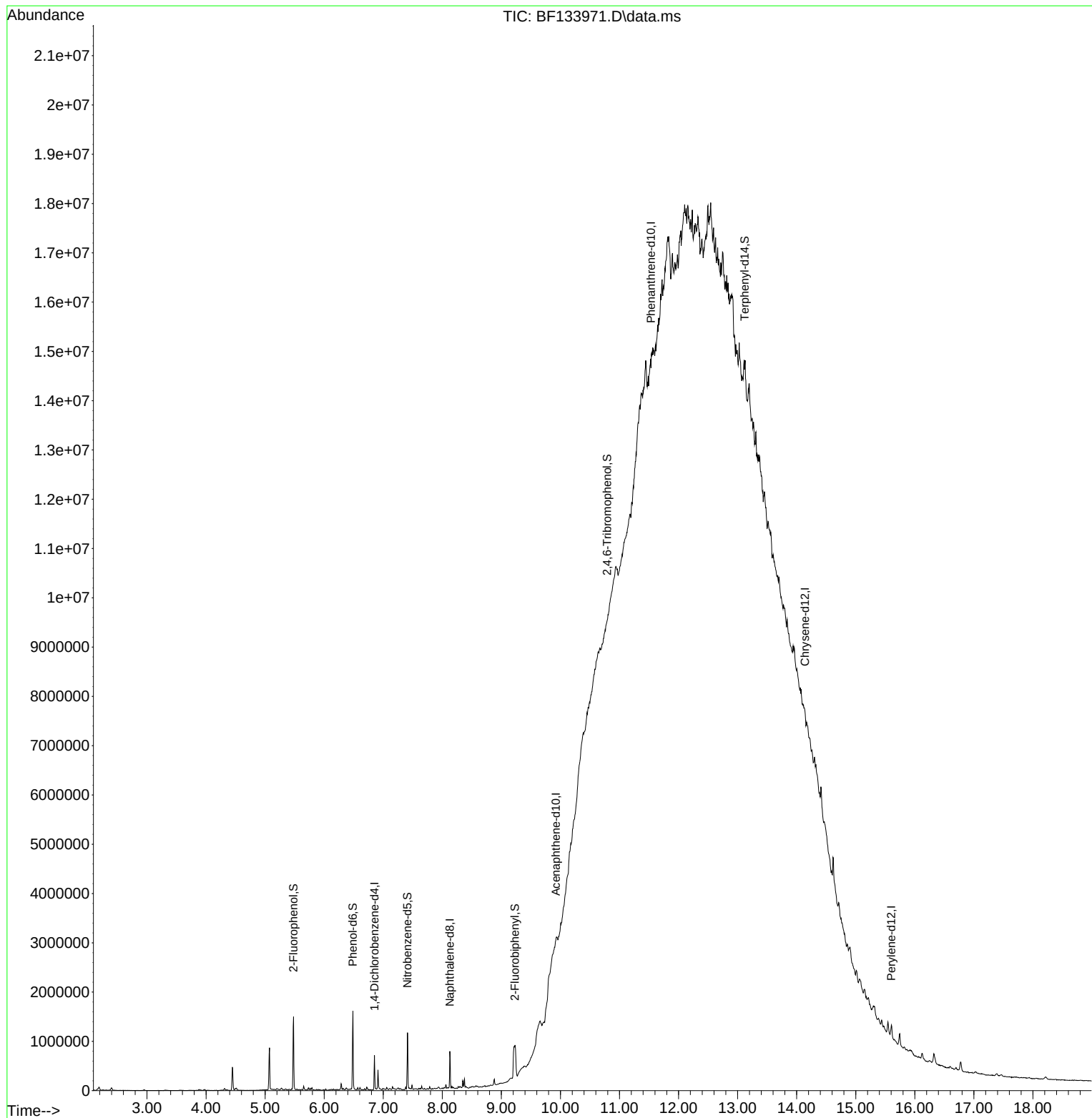
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
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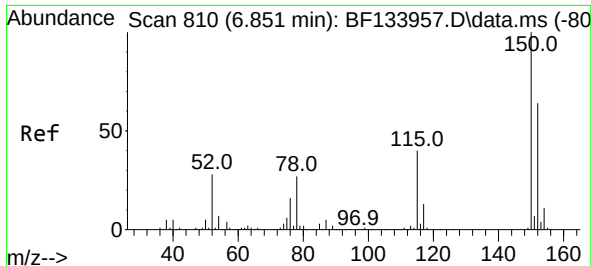
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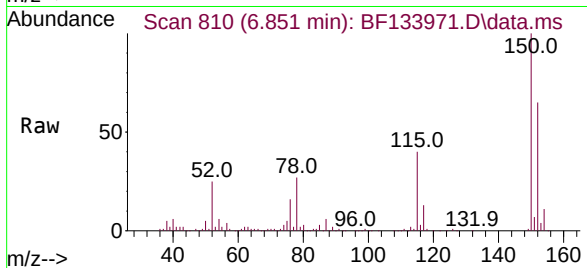
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

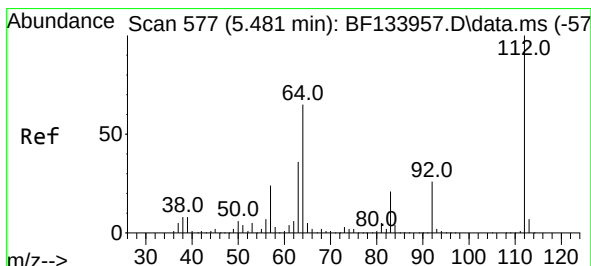
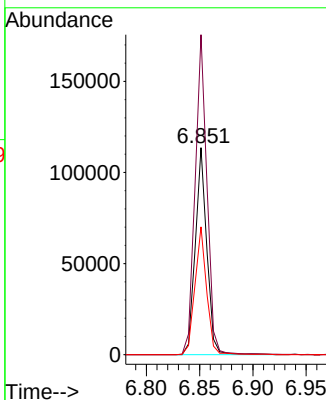
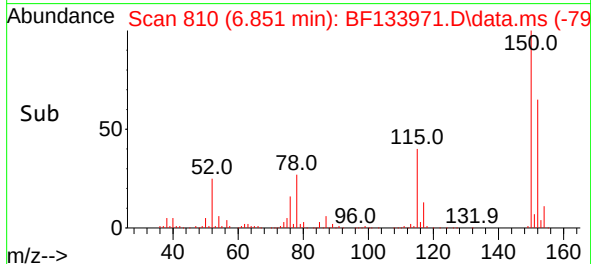
Instrument :
BNA_F
ClientSampleId :
CONC-1



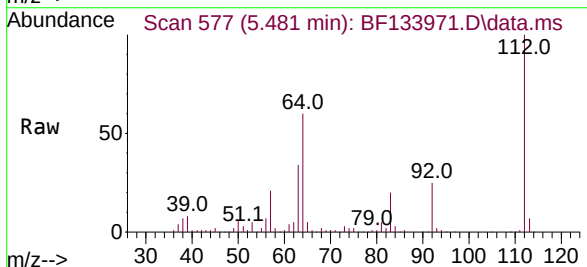
Tgt Ion:152 Resp: 85829
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 61.7 50.2 75.2

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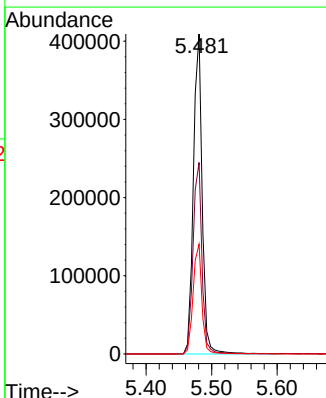
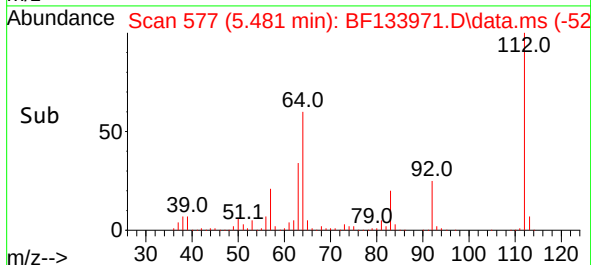
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

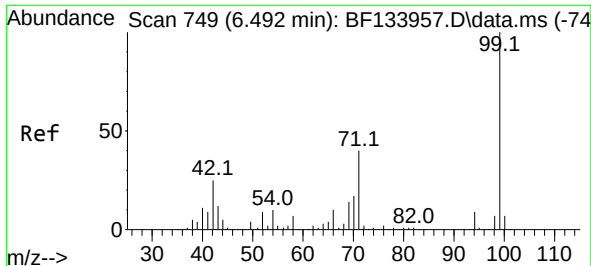


#5
2-Fluorophenol
Concen: 74.692 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40



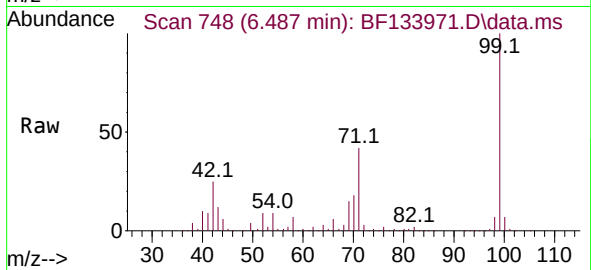
Tgt Ion:112 Resp: 383240
Ion Ratio Lower Upper
112 100
64 59.9 52.1 78.1
63 34.3 28.6 42.8





#7
Phenol-d6
Concen: 71.878 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

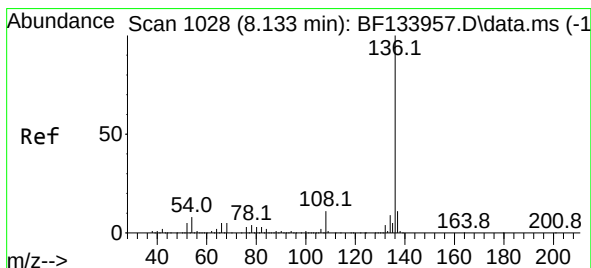
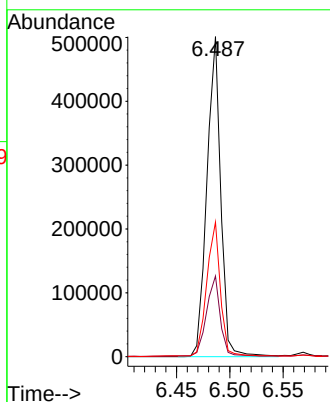
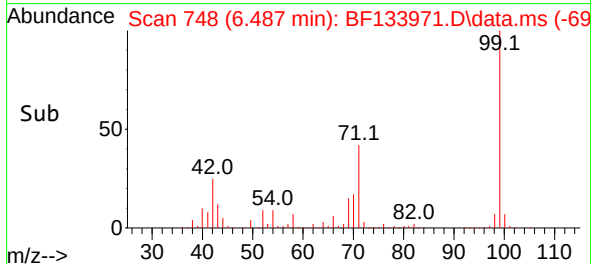
Instrument :
BNA_F
ClientSampleId :
CONC-1



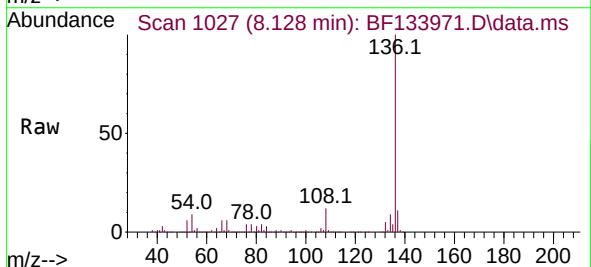
Tgt Ion: 99 Resp: 453554
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 42.1 31.9 47.9

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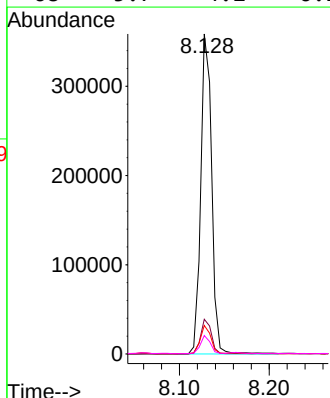
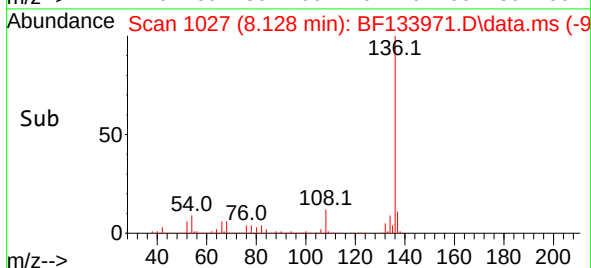
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

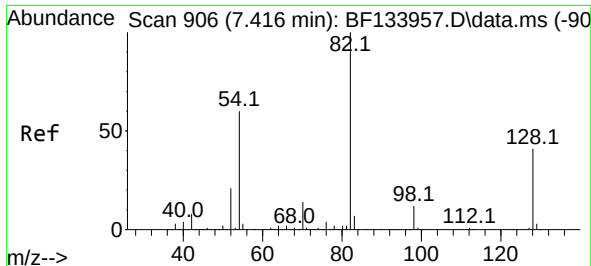


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40



Tgt Ion:136 Resp: 303368
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.9 6.5 9.7
68 5.7 4.2 6.2





#23
Nitrobenzene-d5
Concen: 57.160 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

Instrument :

BNA_F

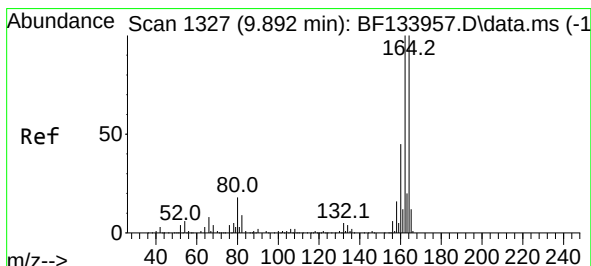
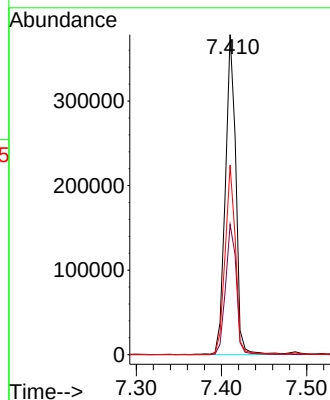
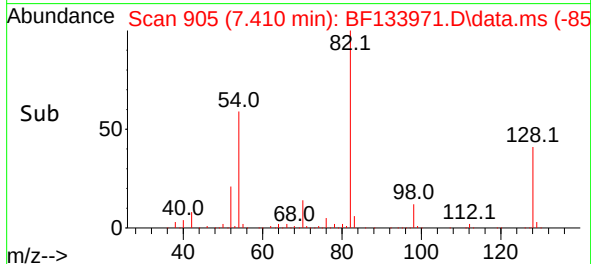
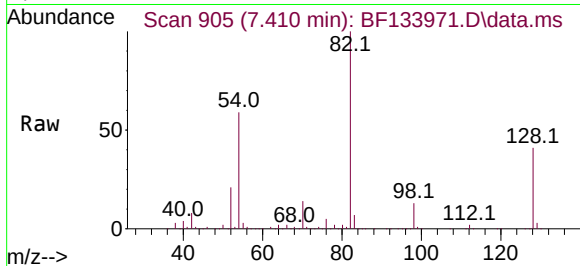
ClientSampleId :

CONC-1

Tgt Ion: 82 Resp: 321685
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 59.2 48.2 72.2

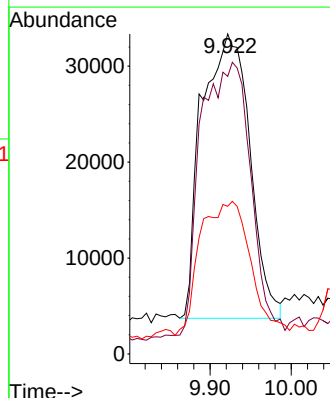
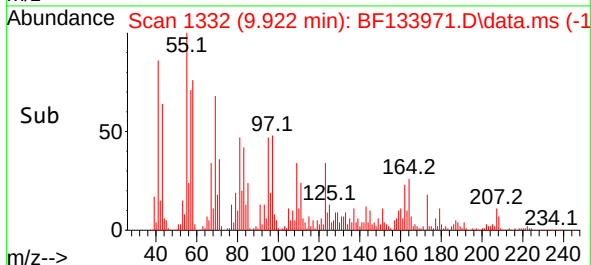
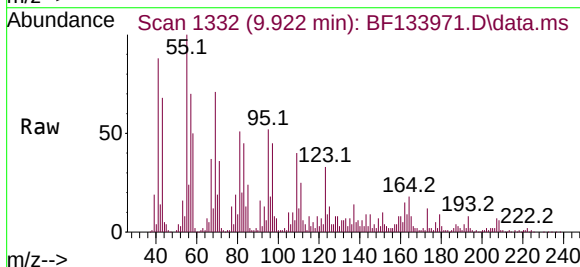
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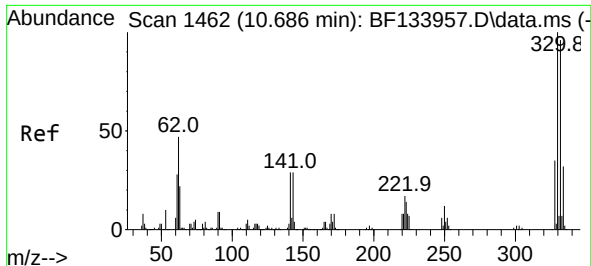
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.030 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

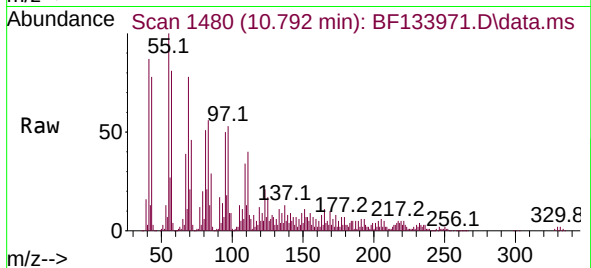
Tgt Ion:164 Resp: 121545
Ion Ratio Lower Upper
164 100
162 86.8 80.0 120.0
160 46.1 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 47.882 ng/ml
RT: 10.792 min Scan# 1462
Delta R.T. 0.106 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

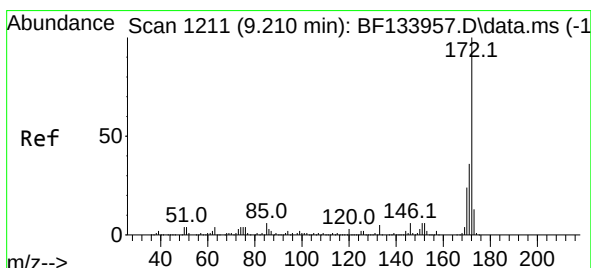
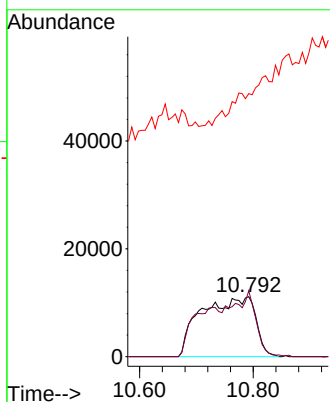
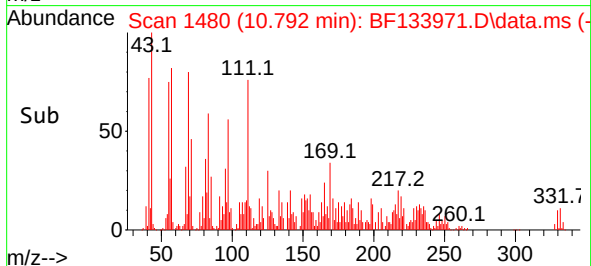
Instrument :
BNA_F
ClientSampleId :
CONC-1



Tgt Ion: 330 Resp: 72969
Ion Ratio Lower Upper
330 100
332 45.2 77.0 115.6
141 0.0 26.3 39.5

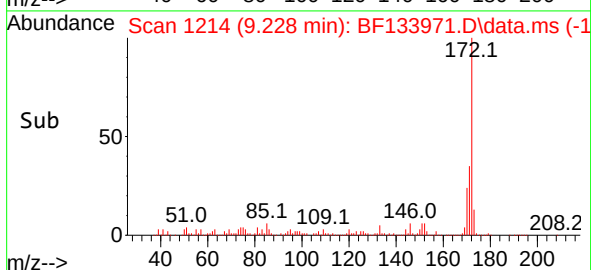
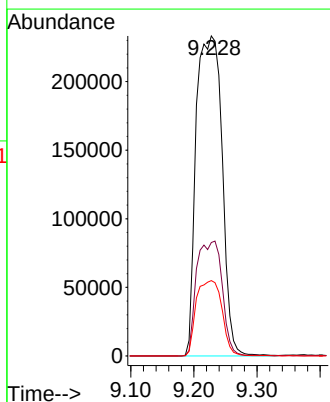
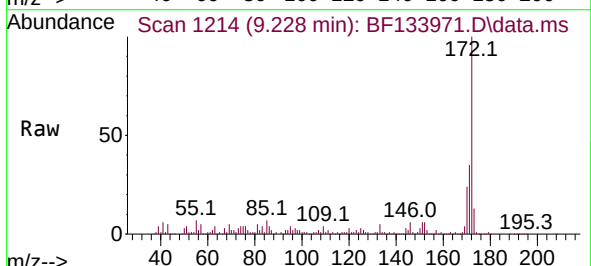
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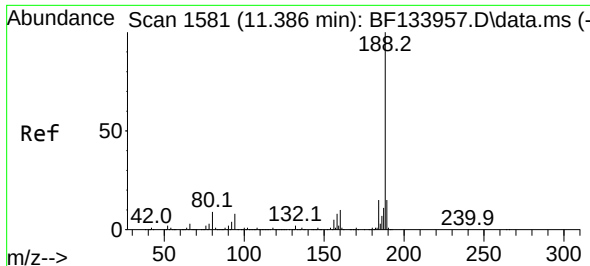
Reviewed By : Yogesh Patel 06/27/2023
Supervised By : mohammad ahmed 06/29/2023



#45
2-Fluorobiphenyl
Concen: 79.275 ng/ml
RT: 9.228 min Scan# 1214
Delta R.T. 0.018 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

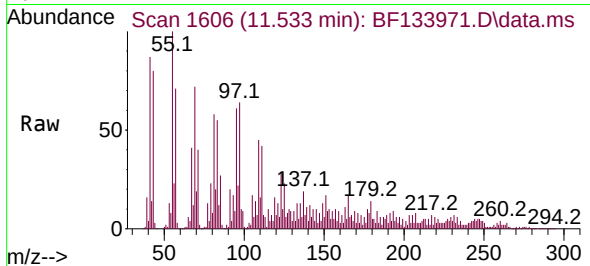
Tgt Ion: 172 Resp: 662740
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.5 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1104
Delta R.T. 0.147 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

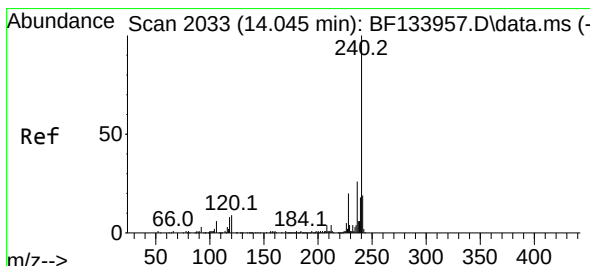
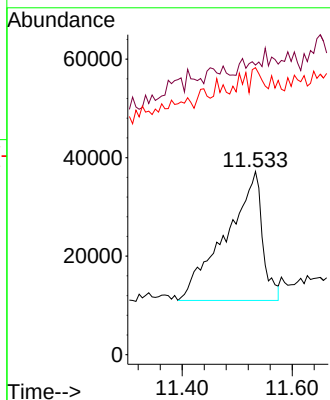
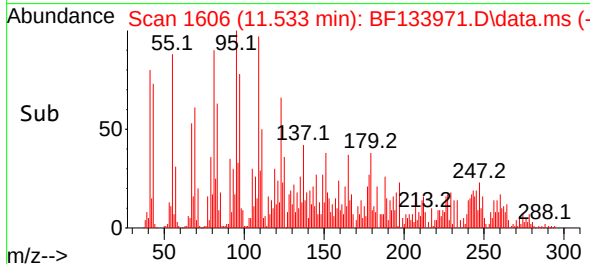
Instrument :
BNA_F
ClientSampleId :
CONC-1



Tgt Ion:188 Resp: 121040
Ion Ratio Lower Upper
188 100
94 158.1 6.4 9.6
80 156.6 7.3 10.9

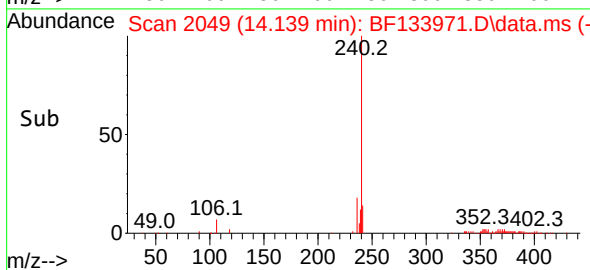
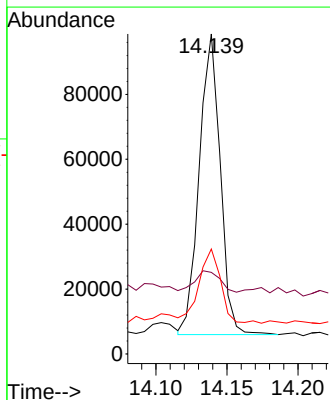
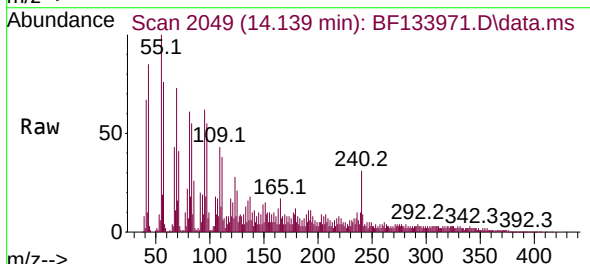
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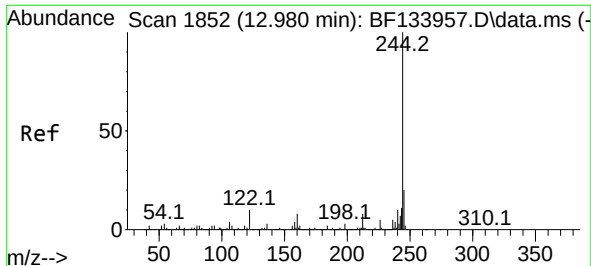
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.094 min
Lab File: BF133971.D
Acq: 27 Jun 2023 03:40

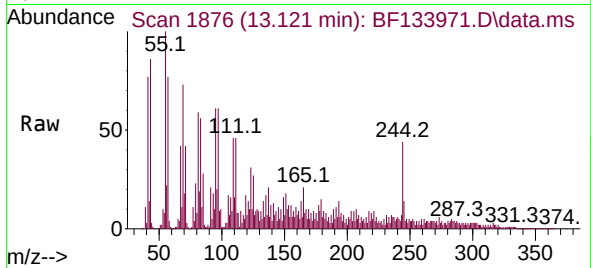
Tgt Ion:240 Resp: 95559
Ion Ratio Lower Upper
240 100
120 25.5 7.4 11.0#
236 32.8 21.0 31.6#





#79
 Terphenyl-d14
 Concen: 48.561 ng
 RT: 13.121 min Scan# 1852
 Delta R.T. 0.141 min
 Lab File: BF133971.D
 Acq: 27 Jun 2023 03:40

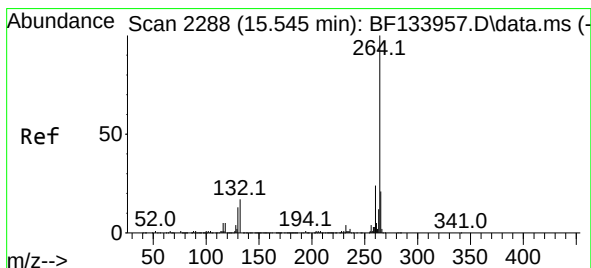
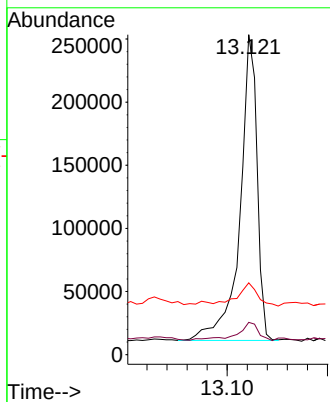
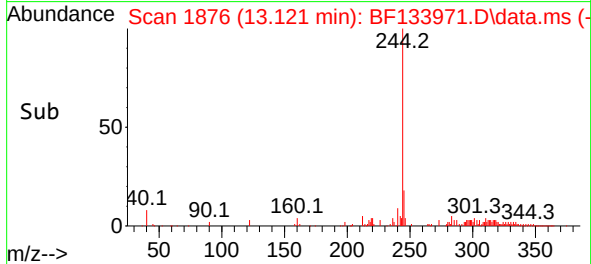
Instrument :
 BNA_F
 ClientSampleId :
 CONC-1



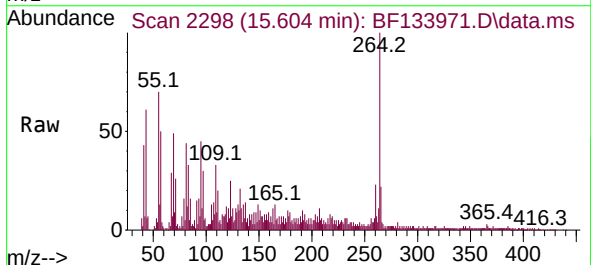
Tgt Ion:244 Resp: 288328
 Ion Ratio Lower Upper
 244 100
 212 10.1 6.0 9.0
 122 22.4 8.3 12.5

Manual Integrations
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 Supervised By :mohammad ahmed 06/29/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. 0.059 min
 Lab File: BF133971.D
 Acq: 27 Jun 2023 03:40



Tgt Ion:264 Resp: 85005
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.5 16.6 25.0

