

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133733.D
 Acq On : 13 Jun 2023 16:20
 Operator : CG\JU
 Sample : 03069-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB36

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 17:10:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	96451	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	318002	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	138812	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	275732	20.000	ng	0.00
76) Chrysene-d12	14.004	240	247873	20.000	ng	-0.01
86) Perylene-d12	15.474	264	188812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	411595	74.291	ng	0.00
7) Phenol-d6	6.463	99	484617	67.200	ng	0.00
23) Nitrobenzene-d5	7.393	82	309220	52.963	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	120593	68.631	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	508882	52.112	ng	0.00
79) Terphenyl-d14	12.951	244	566701	35.376	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.575	202	56102	3.776	ng	98
78) Pyrene	12.804	202	53999	2.339	ng	97
88) Benzo(b)fluoranthene	15.045	252	30162m	2.630	ng	

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

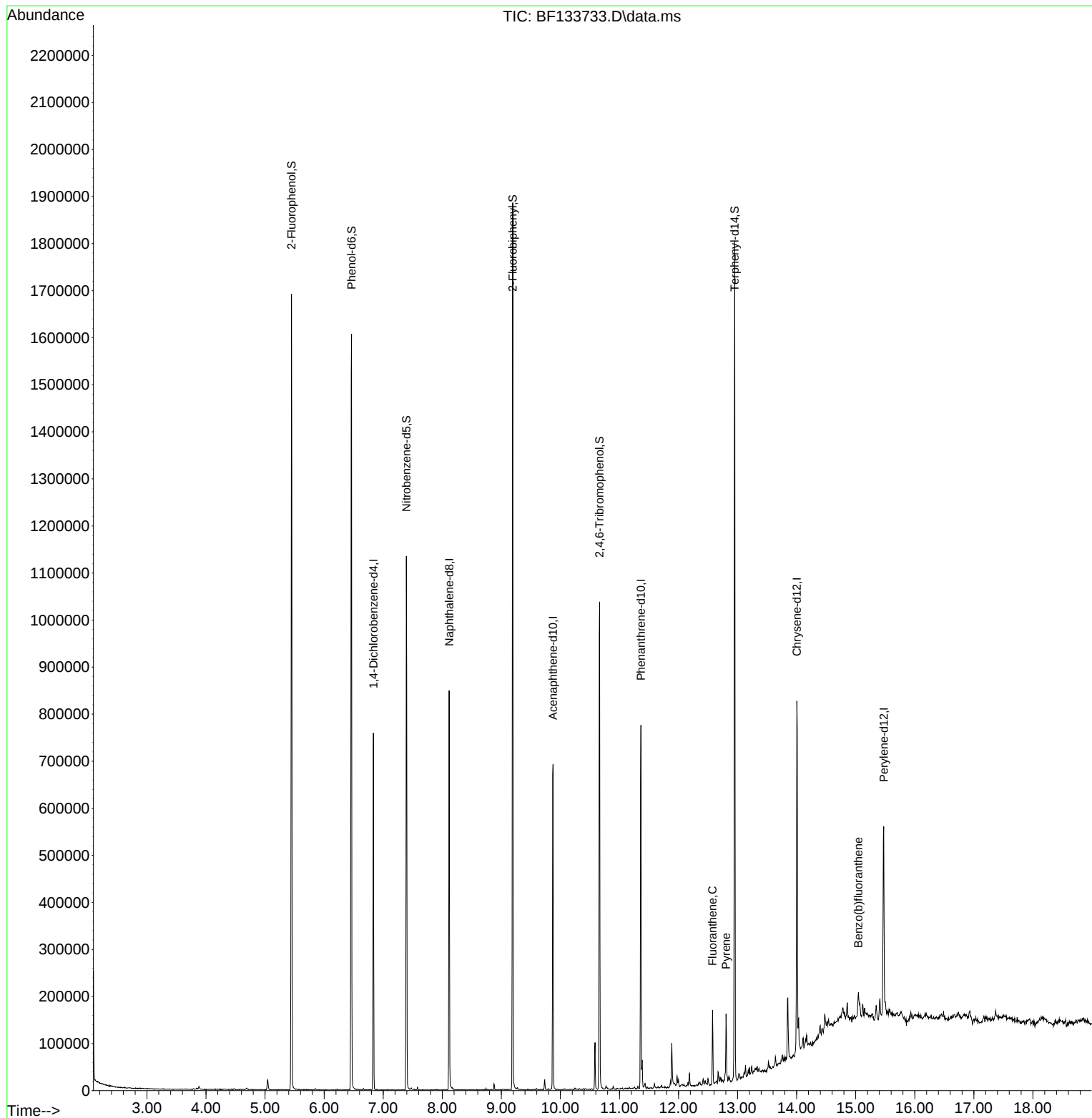
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133733.D
Acq On : 13 Jun 2023 16:20
Operator : CG\JU
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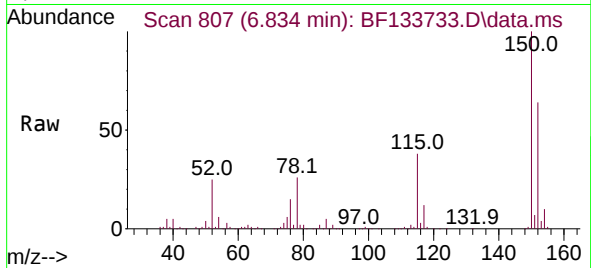
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

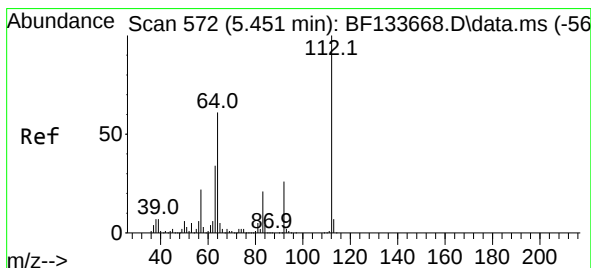
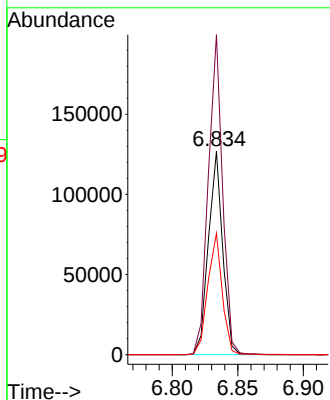
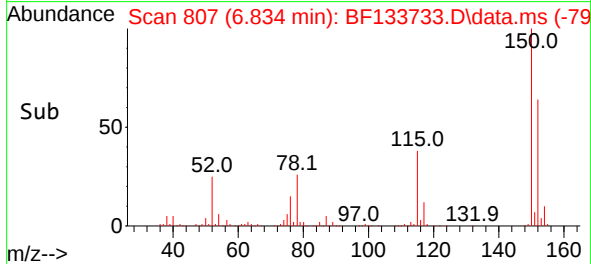
Instrument :
BNA_F
ClientSampleId :
SB36



Tgt Ion:152 Resp: 9645
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 59.7 48.5 72.7

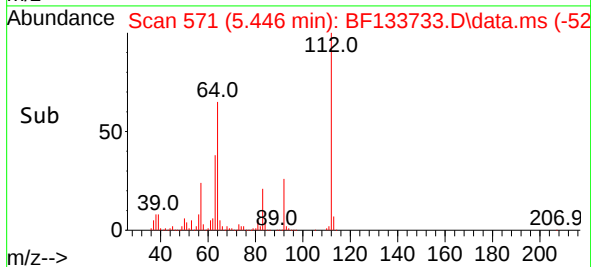
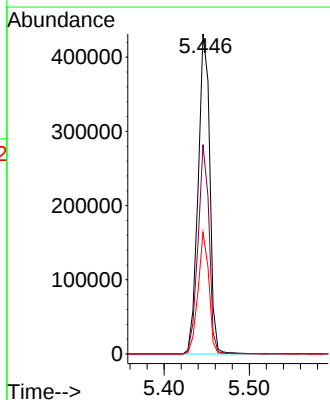
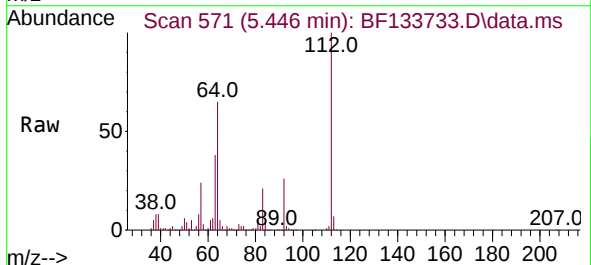
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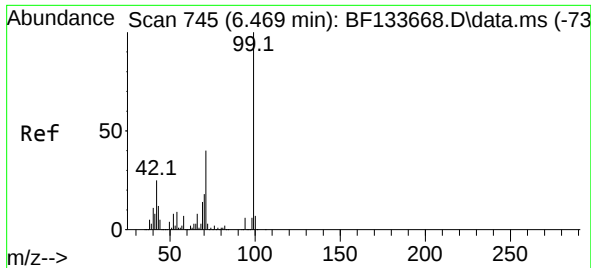
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#5
2-Fluorophenol
Concen: 74.291 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

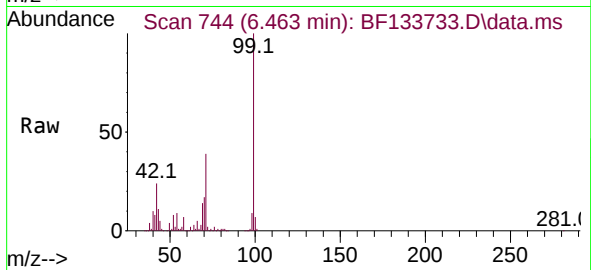
Tgt Ion:112 Resp: 411595
Ion Ratio Lower Upper
112 100
64 65.4 49.0 73.4
63 38.0 26.8 40.2





#7
Phenol-d6
Concen: 67.200 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

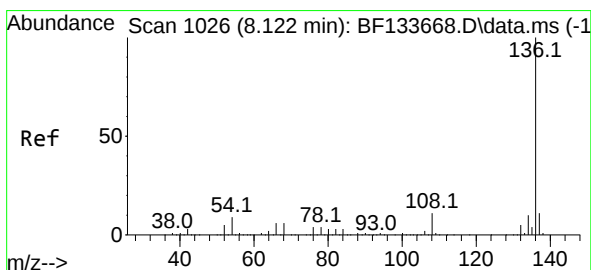
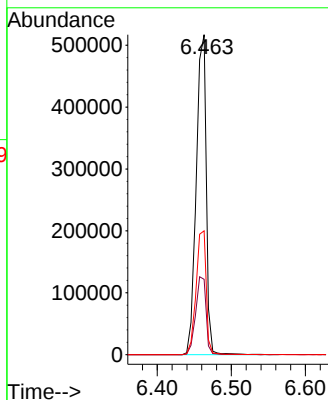
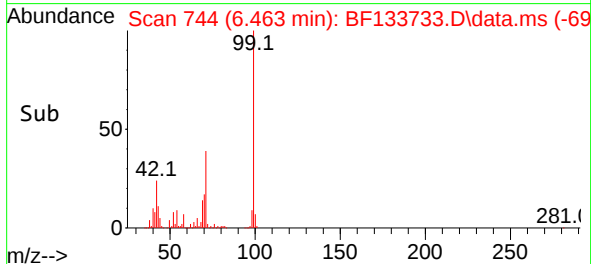
Instrument :
BNA_F
ClientSampleId :
SB36



Tgt Ion: 99 Resp: 48461
Ion Ratio Lower Upper
99 100
42 23.6 19.9 29.9
71 38.7 32.2 48.4

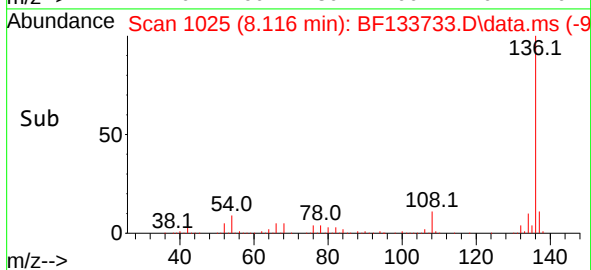
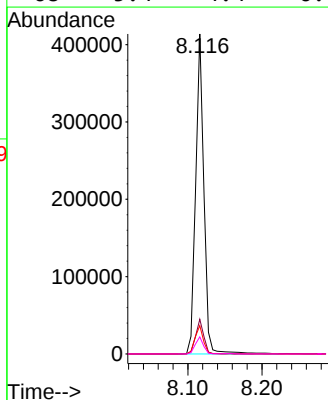
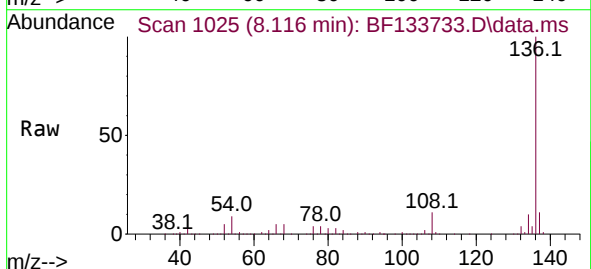
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

Tgt Ion:136 Resp: 318002
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.8 7.4 11.0
68 5.4 4.4 6.6





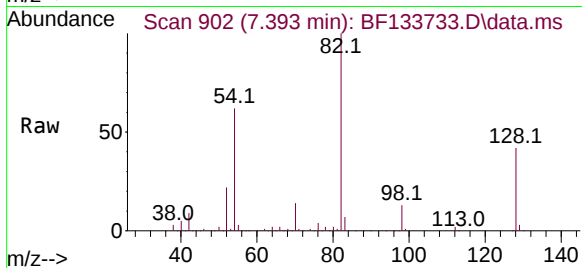
#23
Nitrobenzene-d5
Concen: 52.963 ng
RT: 7.393 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

Instrument :

BNA_F

ClientSampleId :

SB36

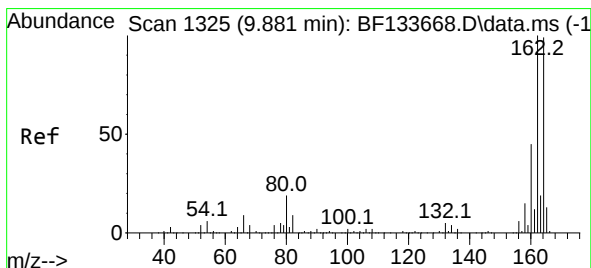
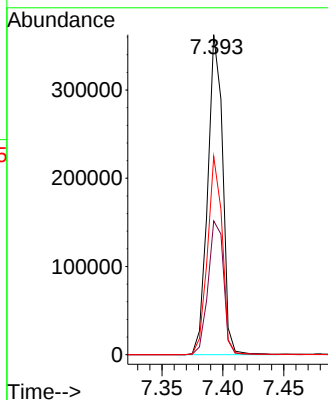
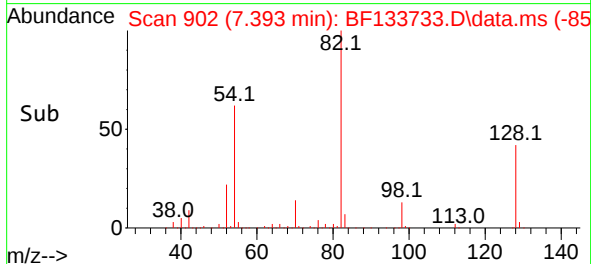


Tgt Ion: 82 Resp: 309220
Ion Ratio Lower Upper
82 100
128 41.8 34.2 51.2
54 62.0 46.5 69.7

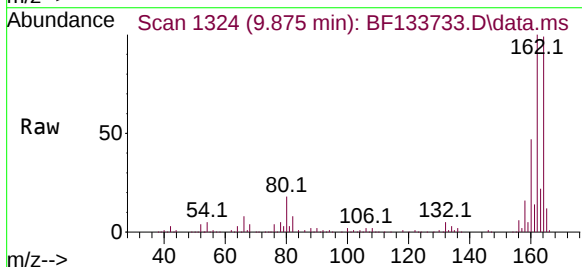
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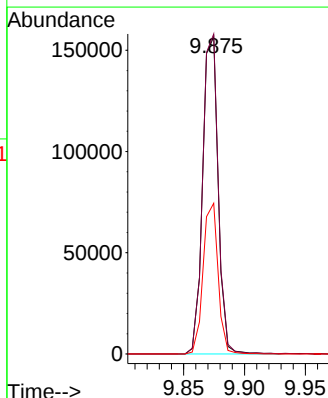
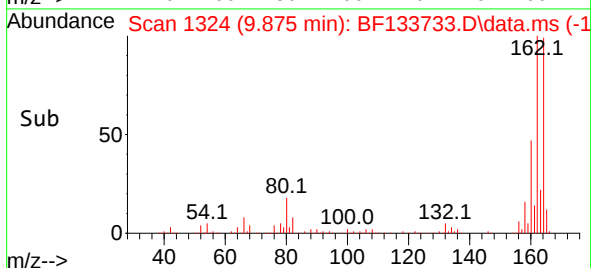
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20



Tgt Ion:164 Resp: 138812
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 47.5 36.7 55.1





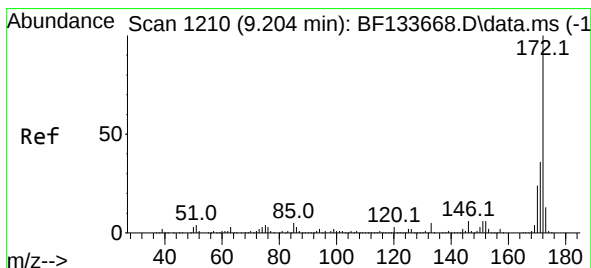
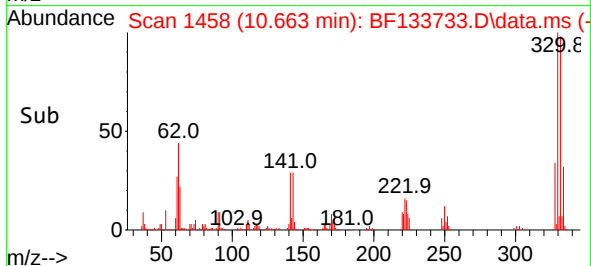
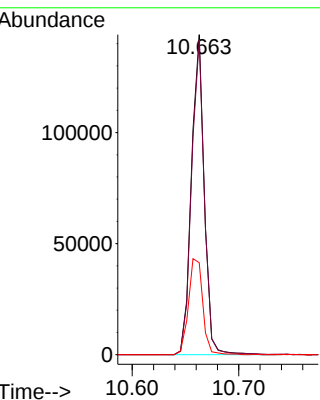
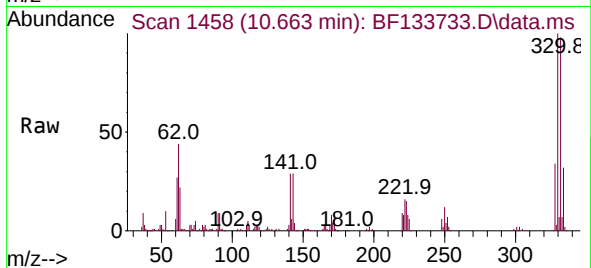
#42
2,4,6-Tribromophenol
Concen: 68.631 ng
RT: 10.663 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

Instrument :
BNA_F
ClientSampleId :
SB36

Tgt Ion:330 Resp: 120593
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 33.5 24.9 37.3

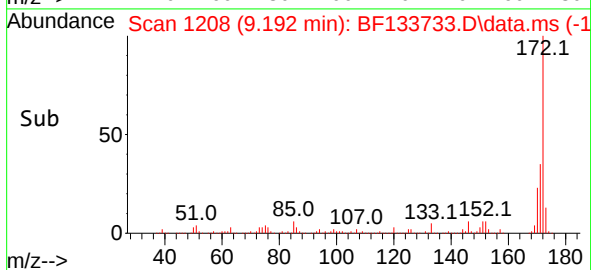
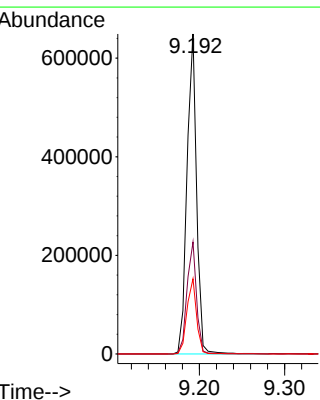
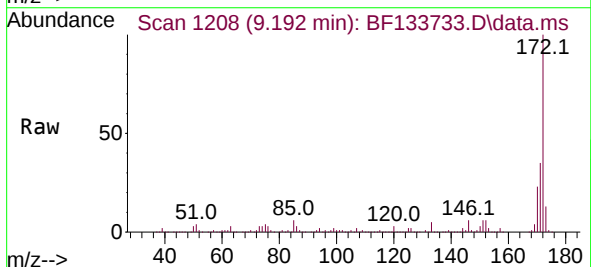
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#45
2-Fluorobiphenyl
Concen: 52.112 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

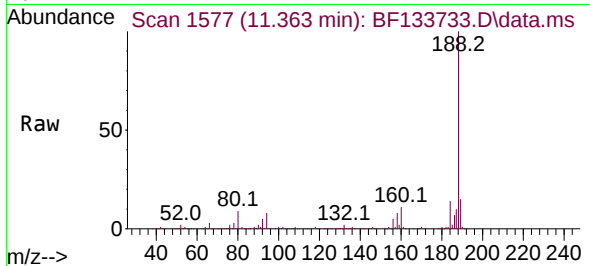
Tgt Ion:172 Resp: 508882
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

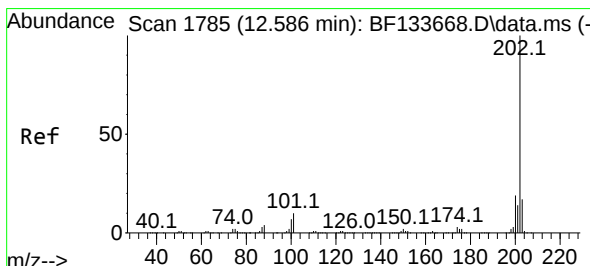
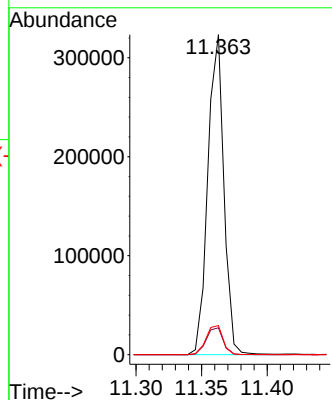
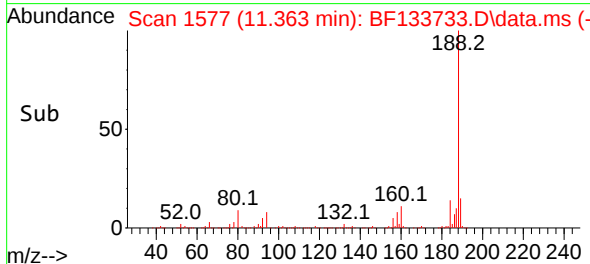
Instrument :
BNA_F
ClientSampleId :
SB36



Tgt Ion:188 Resp: 27573
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.1 7.8 11.6

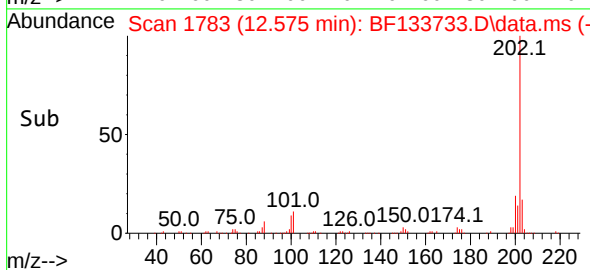
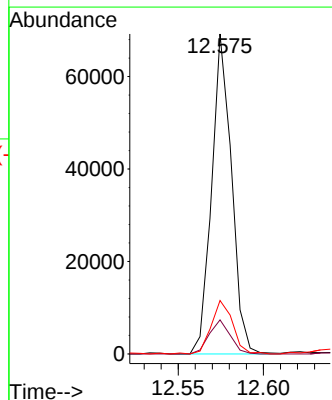
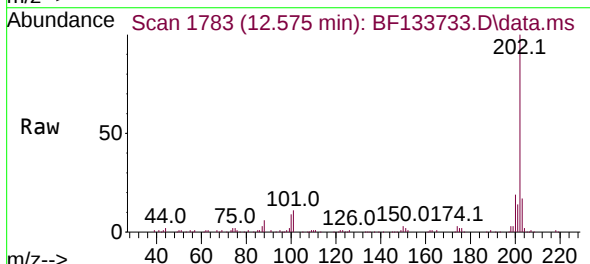
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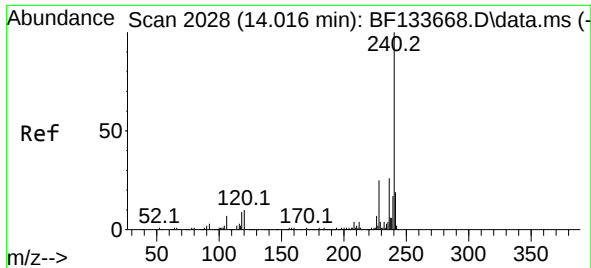
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#75
Fluoranthene
Concen: 3.776 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

Tgt Ion:202 Resp: 56102
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 16.7 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

Instrument :

BNA_F

ClientSampleId :

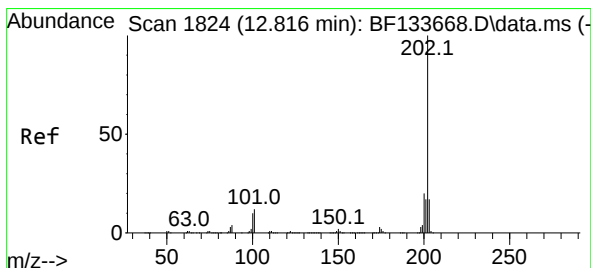
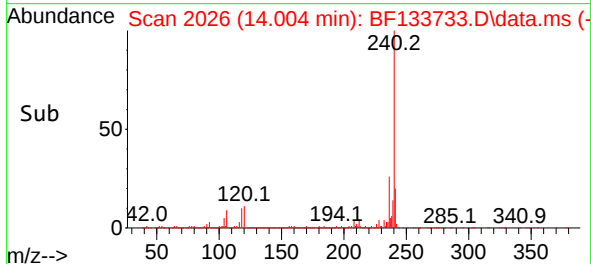
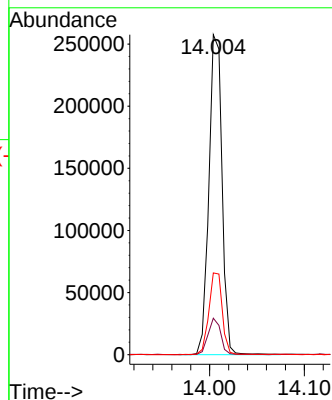
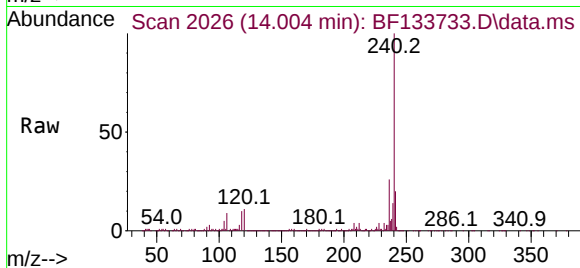
SB36

Tgt Ion:240 Resp: 24787
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 25.5 20.5 30.7

Manual Integrations

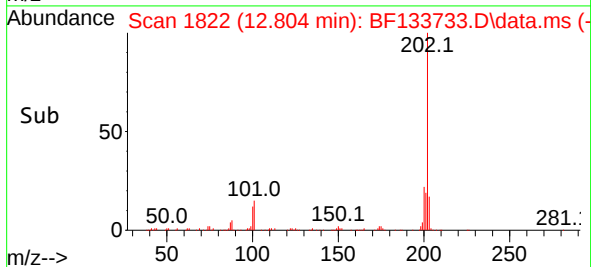
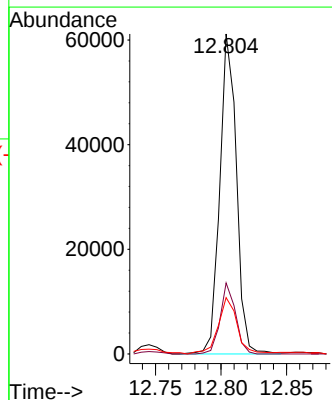
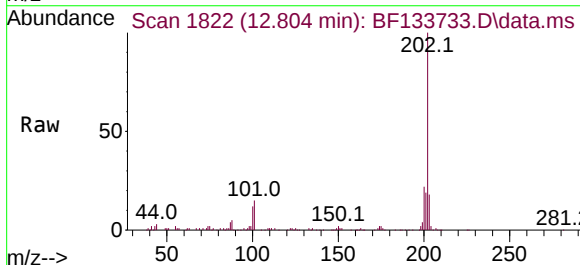
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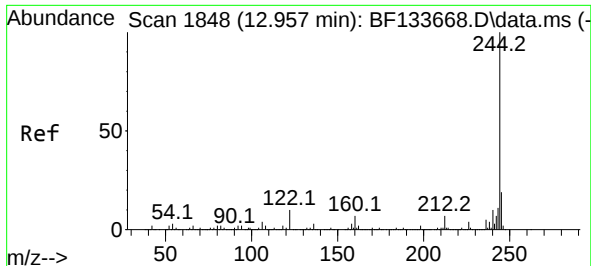
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#78
Pyrene
Concen: 2.339 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

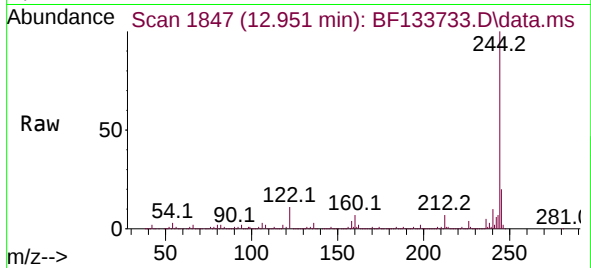
Tgt Ion:202 Resp: 53999
Ion Ratio Lower Upper
202 100
200 22.2 16.2 24.2
203 17.6 13.9 20.9





#79
Terphenyl-d14
Concen: 35.376 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

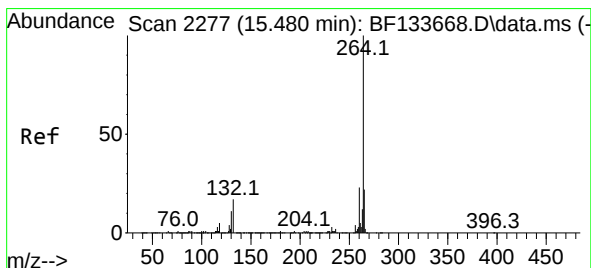
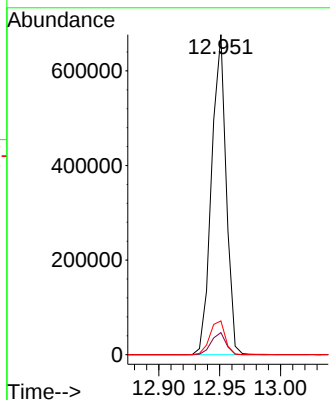
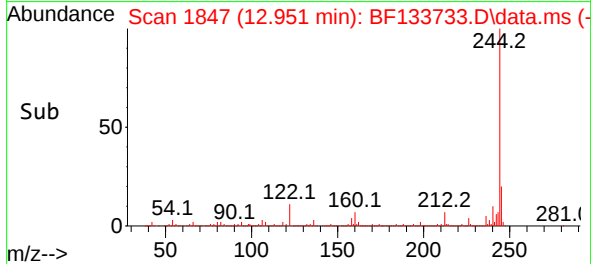
Instrument :
BNA_F
ClientSampleId :
SB36



Tgt Ion:244 Resp: 56670
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.5 8.1 12.1

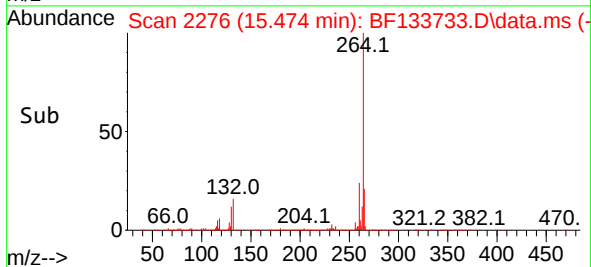
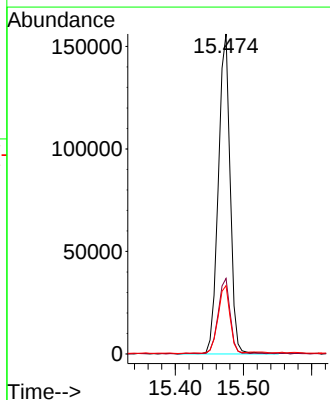
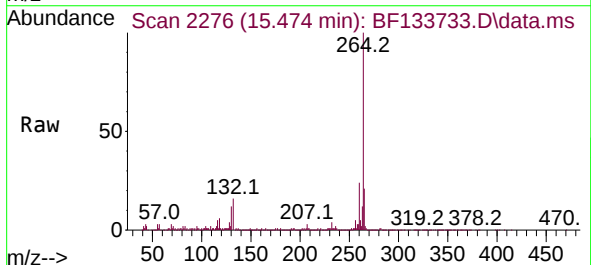
Manual Integrations
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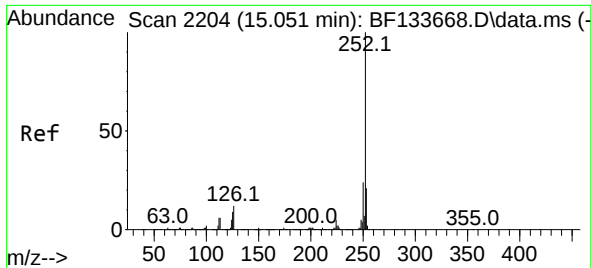
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

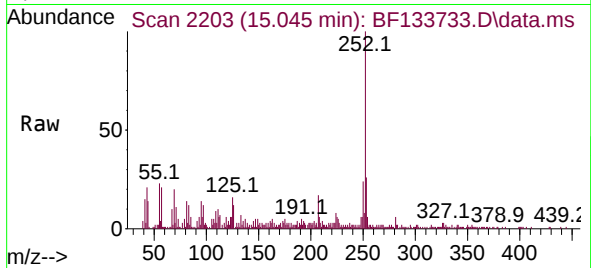
Tgt Ion:264 Resp: 188812
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.2
265 21.4 17.8 26.6





#88
Benzo(b)fluoranthene
Concen: 2.630 ng m
RT: 15.045 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133733.D
Acq: 13 Jun 2023 16:20

Instrument :
BNA_F
ClientSampleId :
SB36



Tgt Ion:252 Resp: 30162
Ion Ratio Lower Upper
252 100
253 26.0 17.0 25.6
125 15.6 7.3 10.9

Manual Integrations
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