

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133685.D
 Acq On : 09 Jun 2023 20:05
 Operator : CG\JU
 Sample : 03029-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Jun 09 22:26:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	69638	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	225903	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	93992	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	186180	20.000	ng	0.00
76) Chrysene-d12	14.010	240	104127	20.000	ng	0.00
86) Perylene-d12	15.480	264	83410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	239834	59.957	ng	0.00
7) Phenol-d6	6.463	99	267918	51.455	ng	0.00
23) Nitrobenzene-d5	7.398	82	173425	41.814	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	64405	54.132	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	287003	43.406	ng	0.00
79) Terphenyl-d14	12.957	244	277253	41.200	ng	0.00
Target Compounds						
75) Fluoranthene	12.580	202	41429	4.130	ng	99
78) Pyrene	12.810	202	31608	3.259	ng	98
88) Benzo(b)fluoranthene	15.051	252	12066m	2.381	ng	

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

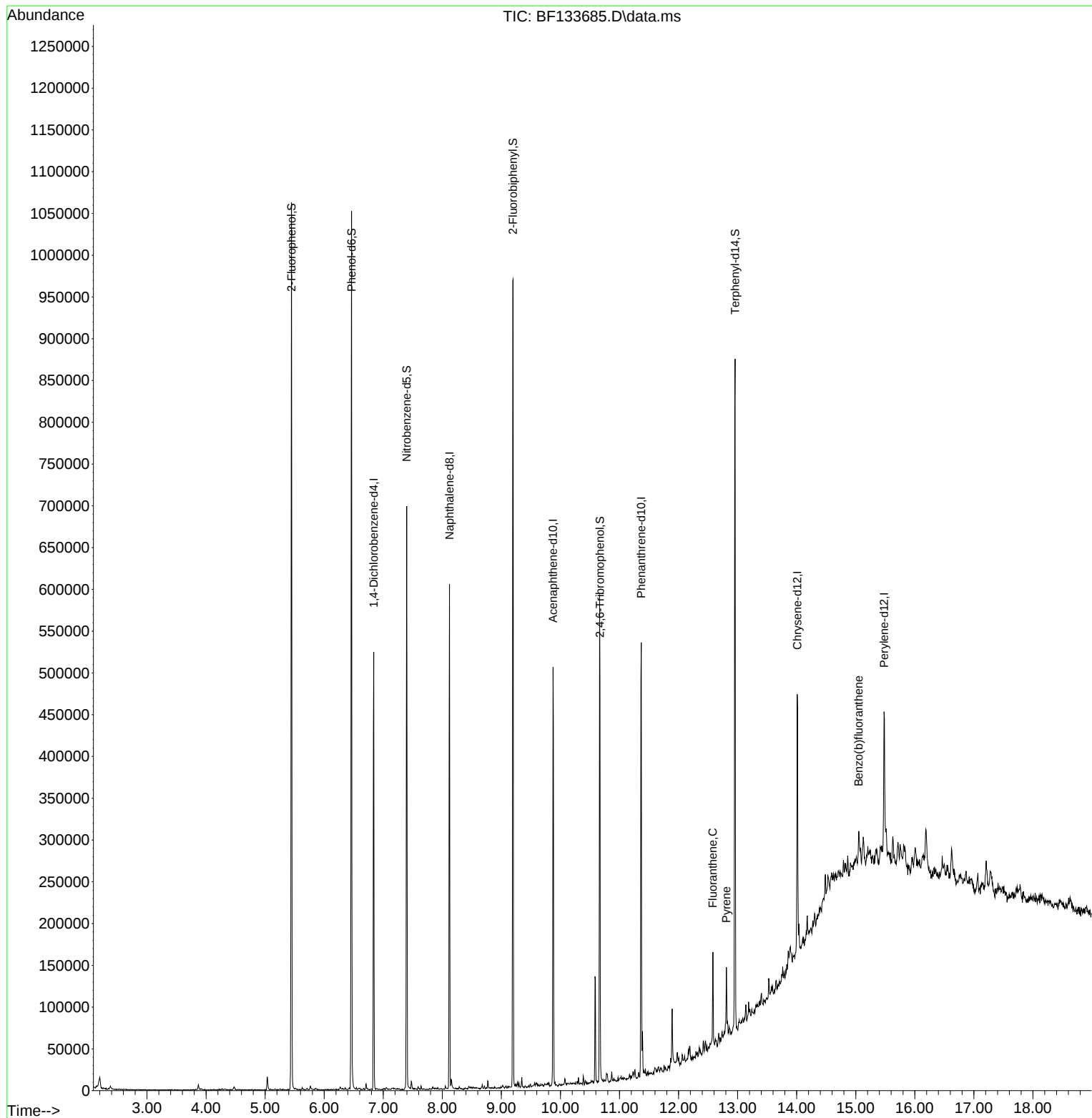
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
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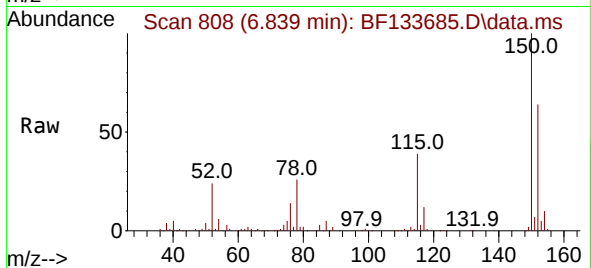
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

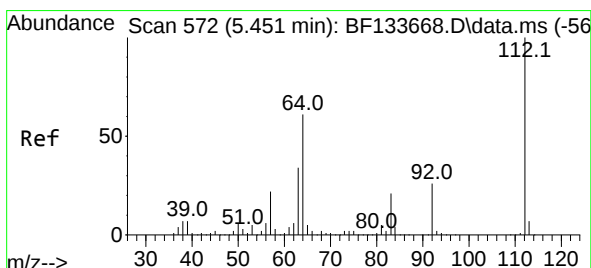
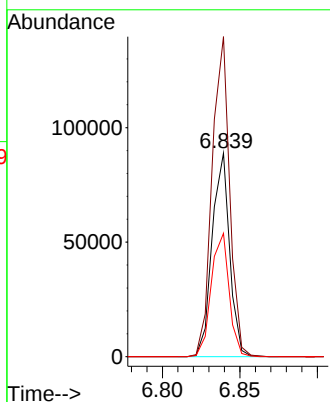
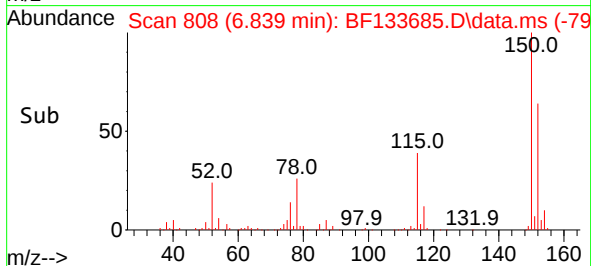
Instrument :
BNA_F
ClientSampleId :
TP-7



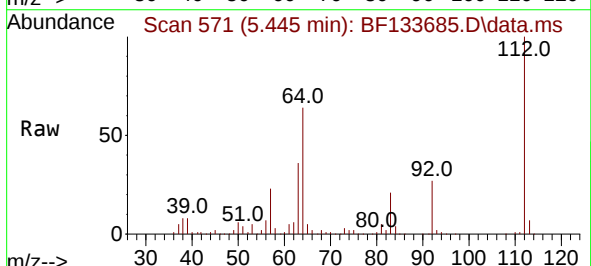
Tgt Ion:152 Resp: 69638
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 60.6 48.5 72.7

Manual Integrations
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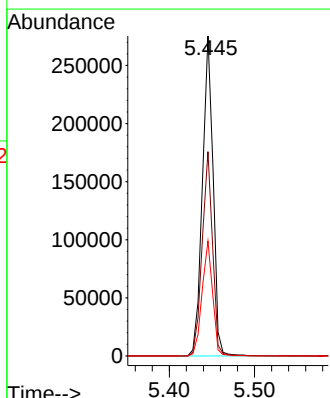
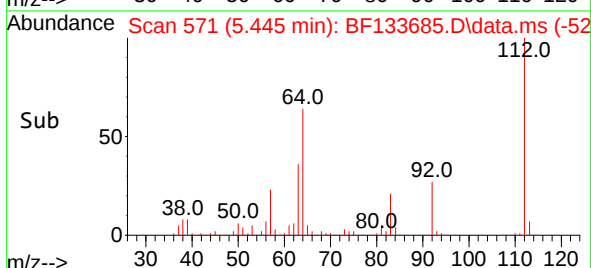
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

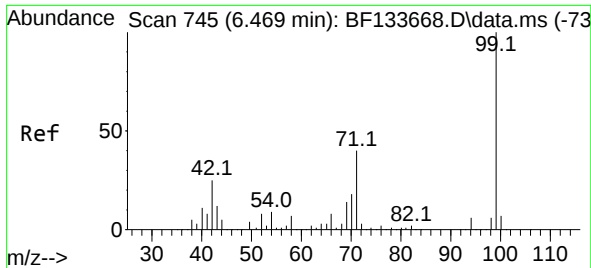


#5
2-Fluorophenol
Concen: 59.957 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05



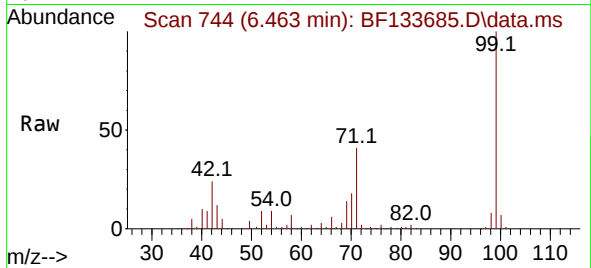
Tgt Ion:112 Resp: 239834
Ion Ratio Lower Upper
112 100
64 63.9 49.0 73.4
63 35.9 26.8 40.2





#7
Phenol-d6
Concen: 51.455 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

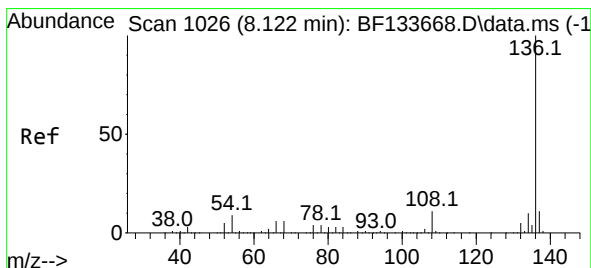
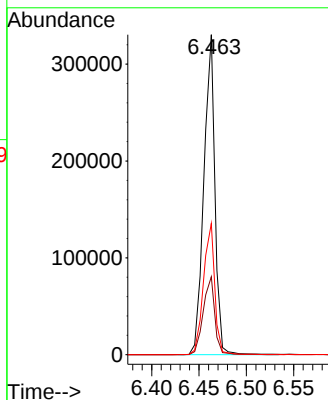
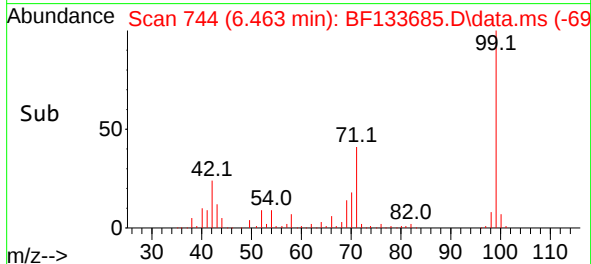
Instrument :
BNA_F
ClientSampleId :
TP-7



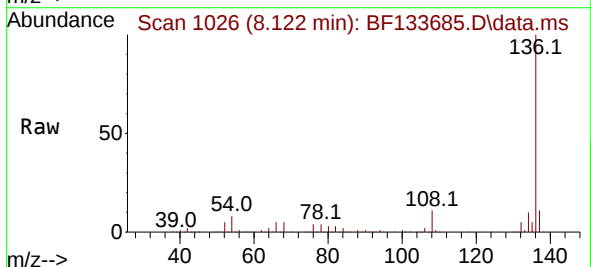
Tgt Ion: 99 Resp: 267918
Ion Ratio Lower Upper
99 100
42 24.4 19.9 29.9
71 41.0 32.2 48.4

Manual Integrations
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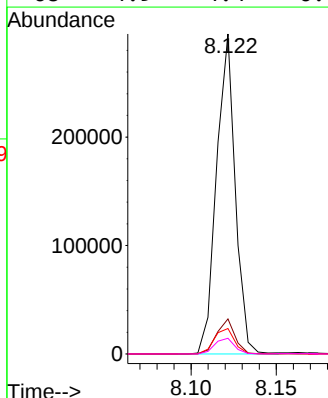
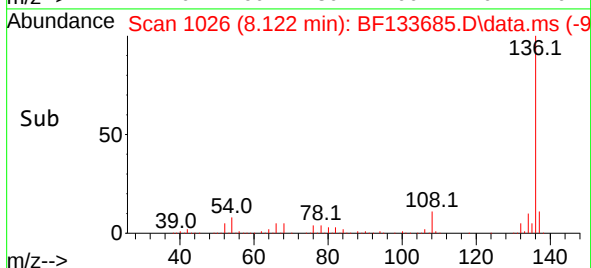
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

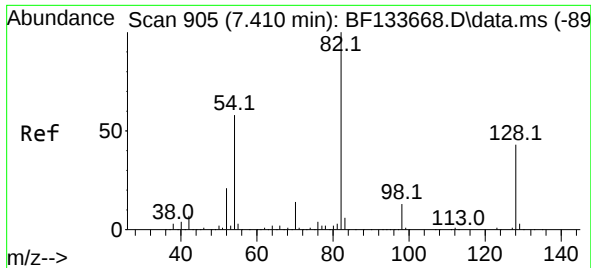


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05



Tgt Ion:136 Resp: 225903
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 7.4 11.0
68 4.9 4.4 6.6





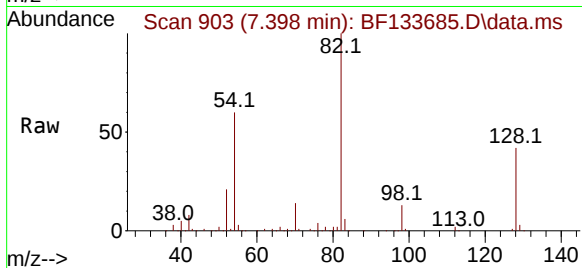
#23
Nitrobenzene-d5
Concen: 41.814 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Instrument :

BNA_F

ClientSampleId :

TP-7

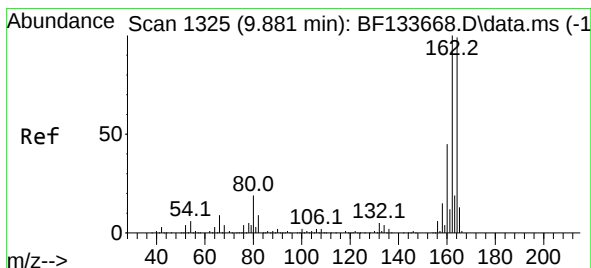
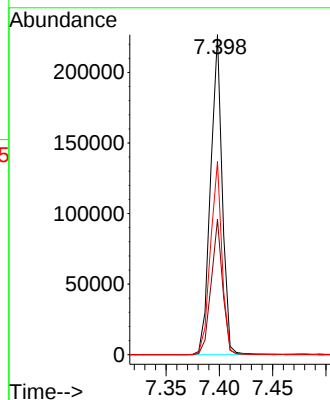
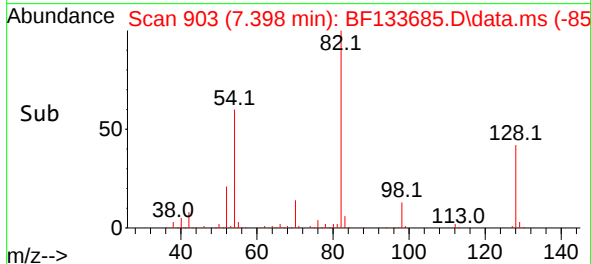


Tgt Ion: 82 Resp: 173425
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 60.4 46.5 69.7

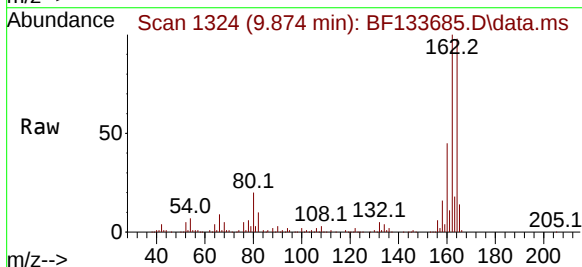
Manual Integrations

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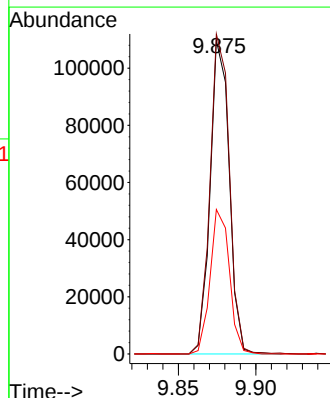
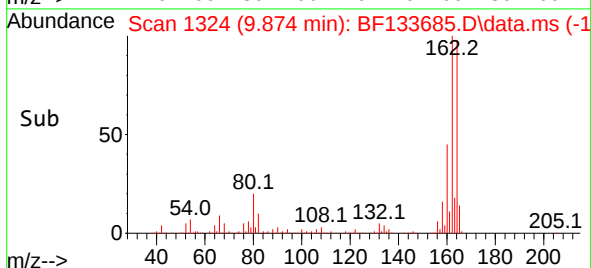
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05



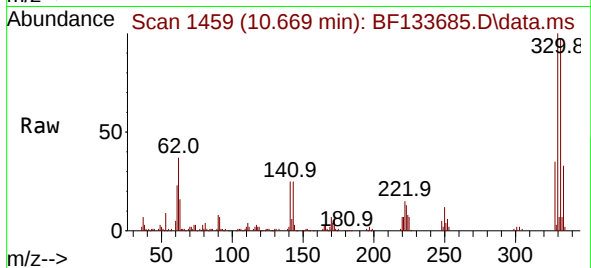
Tgt Ion:164 Resp: 93992
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 46.1 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 54.132 ng
RT: 10.669 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

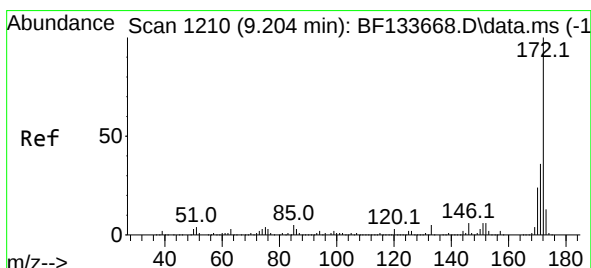
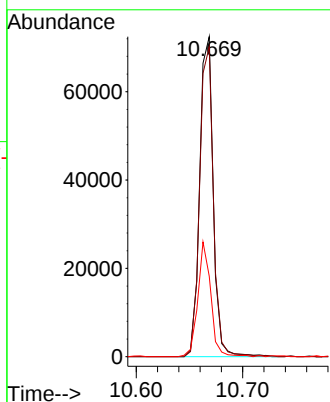
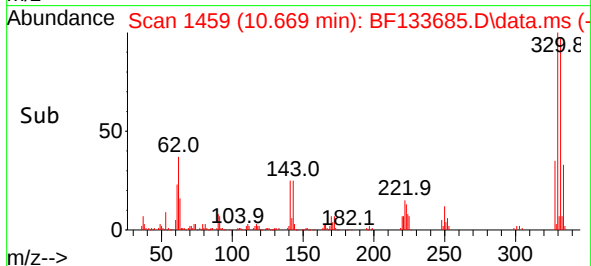
Instrument :
BNA_F
ClientSampleId :
TP-7



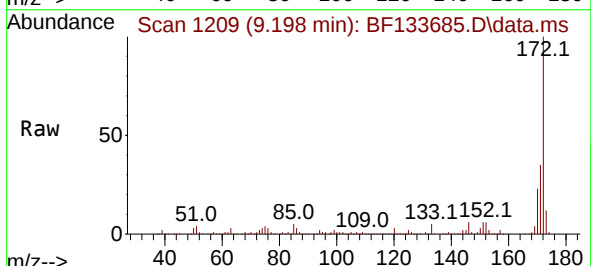
Tgt Ion: 330 Resp: 6440
Ion Ratio Lower Upper
330 100
332 98.0 77.2 115.8
141 34.2 24.9 37.3

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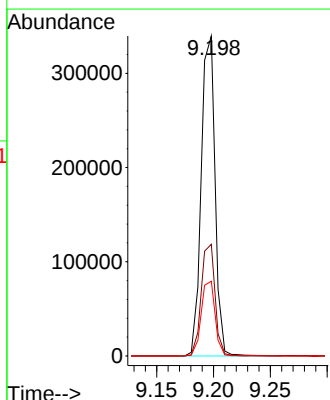
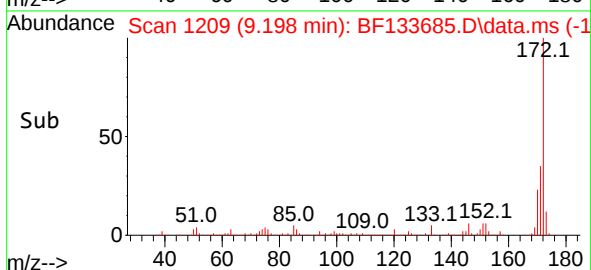
Reviewed By : Yogesh Patel 06/13/2023
Supervised By : mohammad ahmed 06/13/2023



#45
2-Fluorobiphenyl
Concen: 43.406 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05



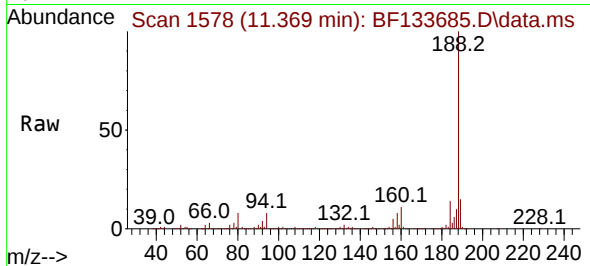
Tgt Ion: 172 Resp: 287003
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.3 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

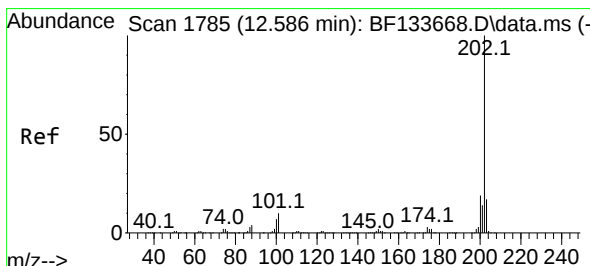
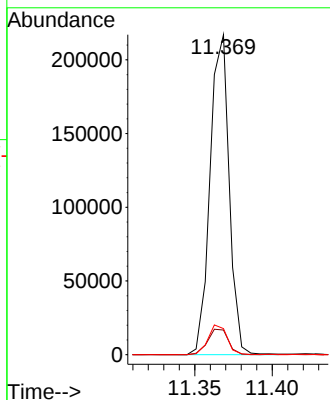
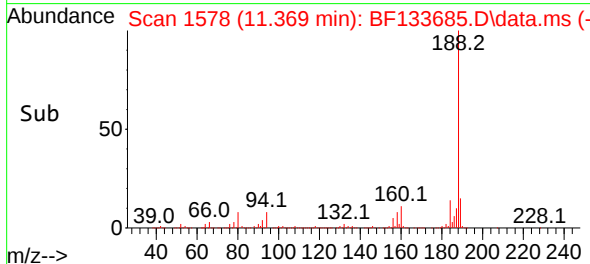
Instrument :
BNA_F
ClientSampleId :
TP-7



Tgt Ion:188 Resp: 186180
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.2 7.8 11.6

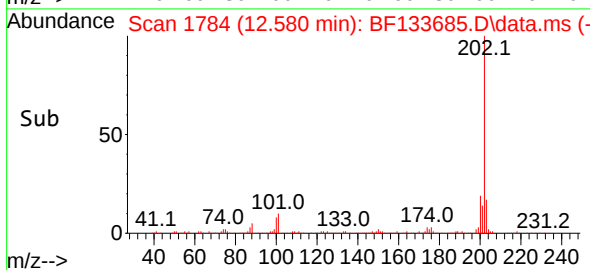
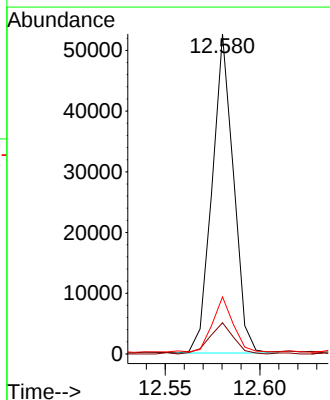
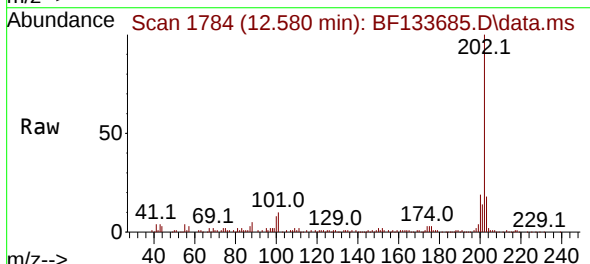
Manual Integrations
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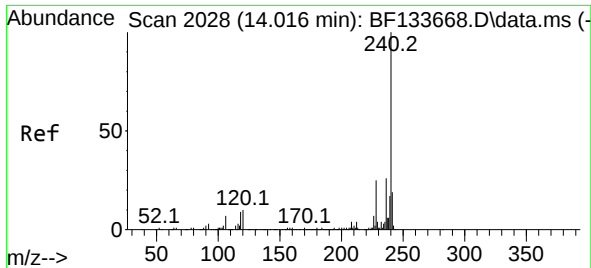
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#75
Fluoranthene
Concen: 4.130 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion:202 Resp: 41429
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 17.9 0.0 37.4





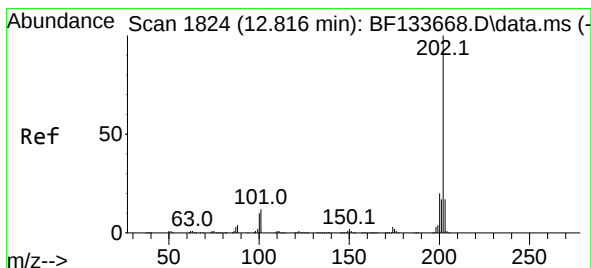
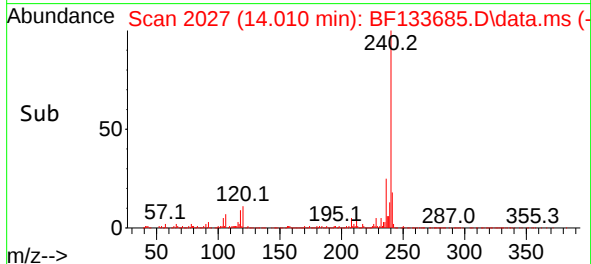
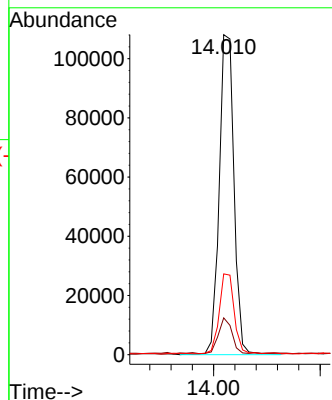
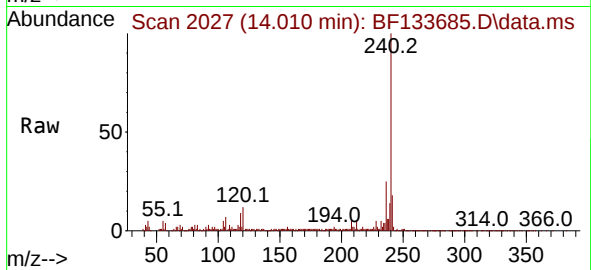
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:240 Resp: 10412
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 25.3 20.5 30.7

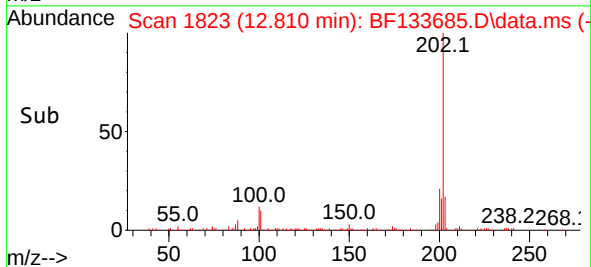
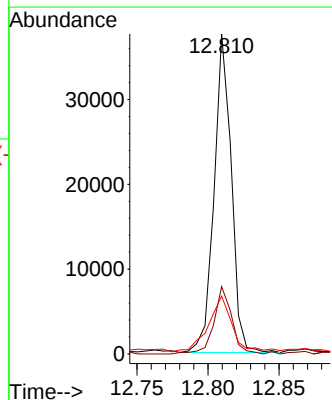
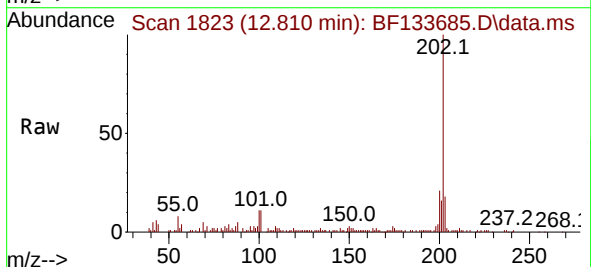
Manual Integrations
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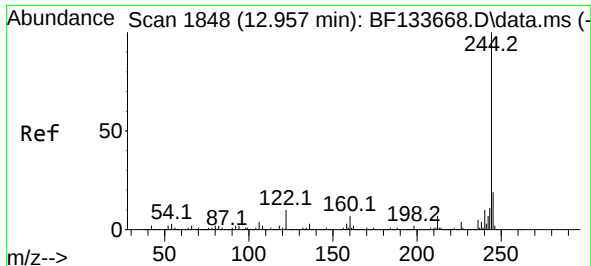
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#78
Pyrene
Concen: 3.259 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133685.D
Acq: 09 Jun 2023 20:05

Tgt Ion:202 Resp: 31608
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 18.1 13.9 20.9





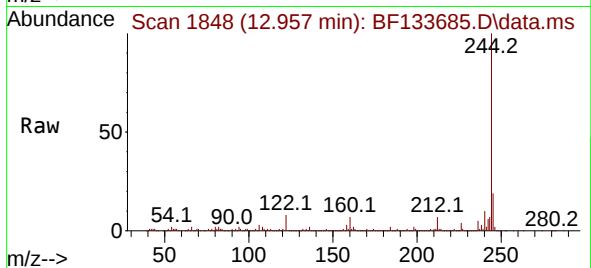
#79
 Terphenyl-d14
 Concen: 41.200 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133685.D
 Acq: 09 Jun 2023 20:05

Instrument :

BNA_F

ClientSampleId :

TP-7

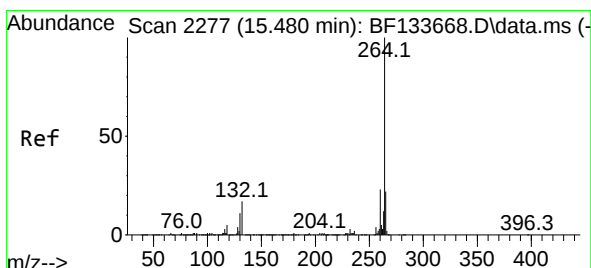
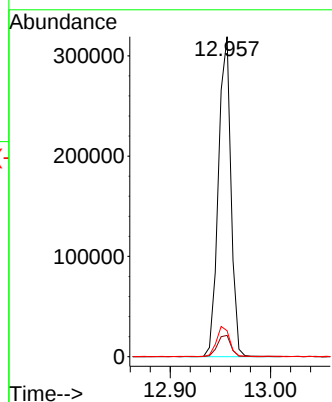
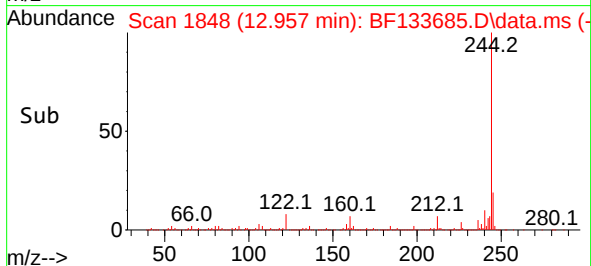


Tgt Ion:244 Resp: 27725
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 8.1 8.1 12.1

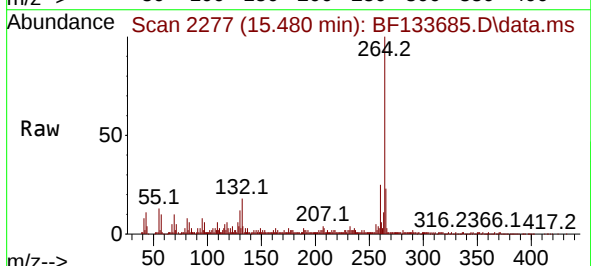
Manual Integrations

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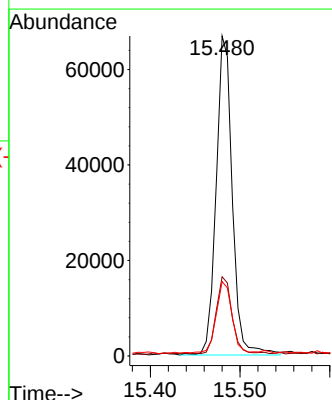
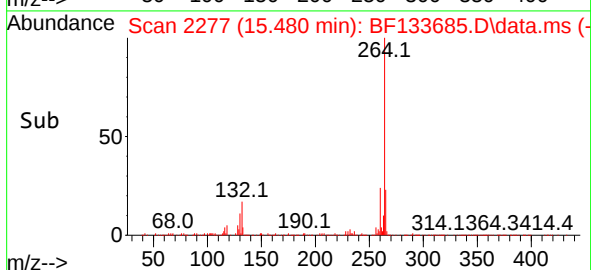
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

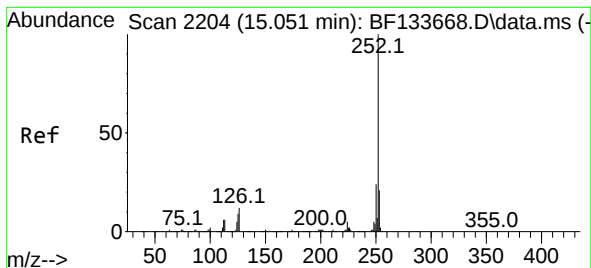


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF133685.D
 Acq: 09 Jun 2023 20:05



Tgt Ion:264 Resp: 83410
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.2 27.2
 265 23.2 17.8 26.6





#88

Benzo(b)fluoranthene

Concen: 2.381 ng m

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133685.D

Acq: 09 Jun 2023 20:05

Instrument :

BNA_F

ClientSampleId :

TP-7

Tgt Ion:252 Resp: 12060

Ion Ratio Lower Upper

252 100

253 29.2 17.0 25.6

125 25.1 7.3 10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2023

