

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135602.D
 Acq On : 05 Oct 2023 16:31
 Operator : CG\JU
 Sample : 04701-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 05 17:42:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	114705	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	373044	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	120733	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	94936	20.000	ng	# 0.05
76) Chrysene-d12	13.963	240	148004	20.000	ng	# 0.04
86) Perylene-d12	15.409	264	253562	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	533898	75.703	ng	0.00
7) Phenol-d6	6.387	99	728077	81.189	ng	0.00
23) Nitrobenzene-d5	7.304	82	430132	62.644	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	48216	40.187	ng	0.02
45) 2-Fluorobiphenyl	9.092	172	629885	78.713	ng	0.00
79) Terphenyl-d14	12.910	244	325213	34.063	ng	0.05
Target Compounds						Qvalue
71) Phenanthrene	11.345	178	143074	31.865	ng	# 52
72) Anthracene	11.345	178	151833m	32.898	ng	

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

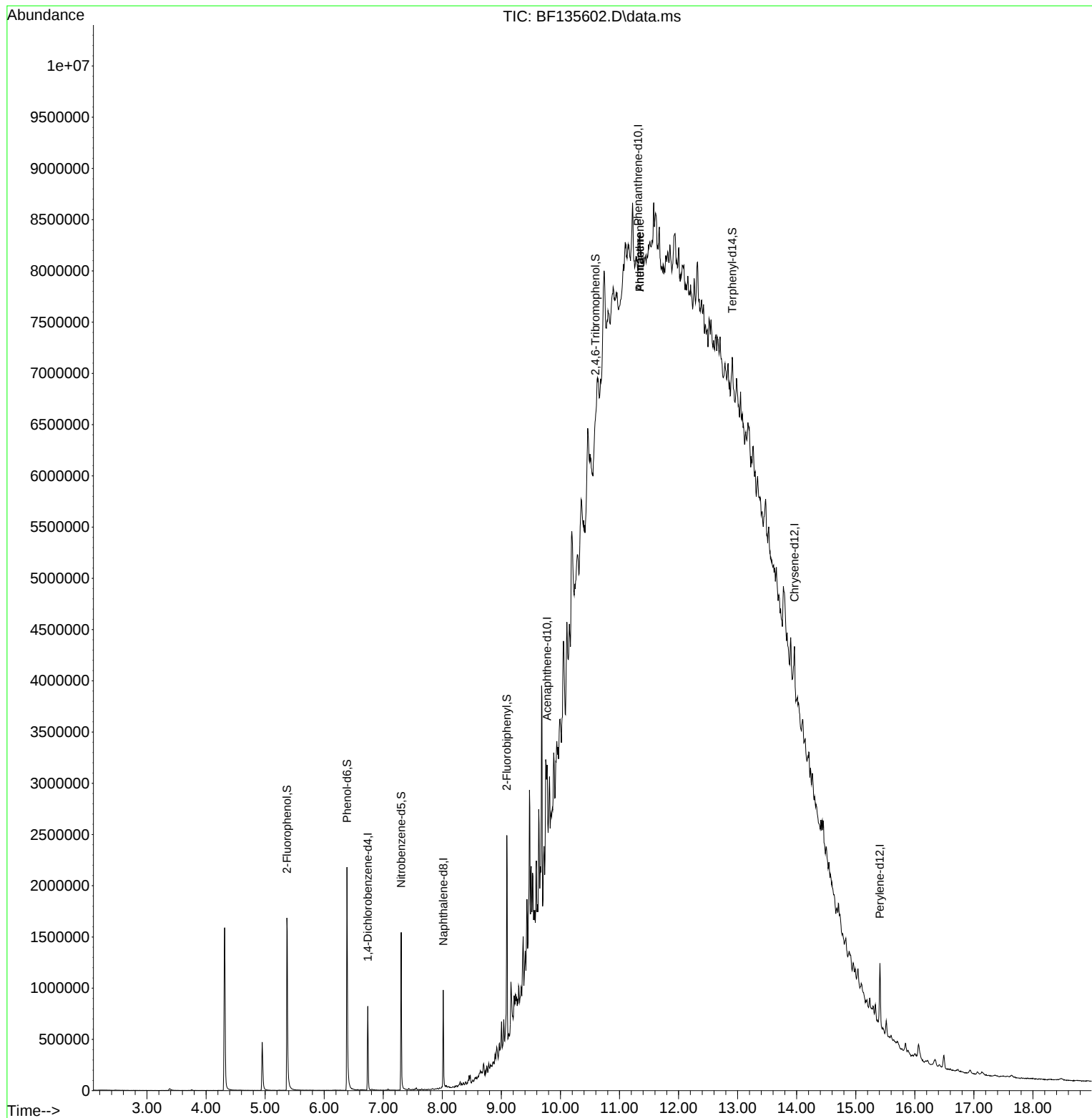
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135602.D
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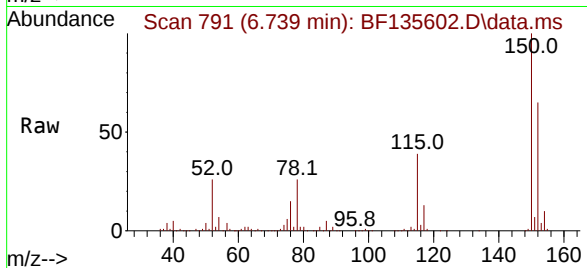
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

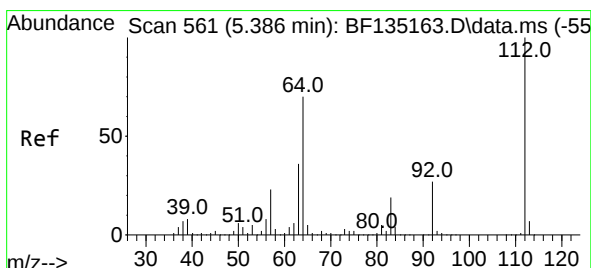
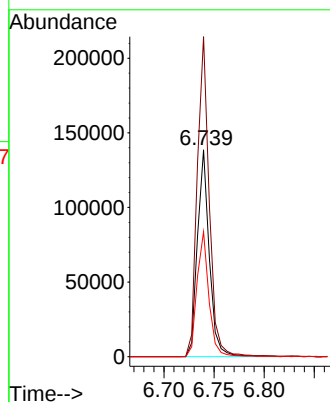
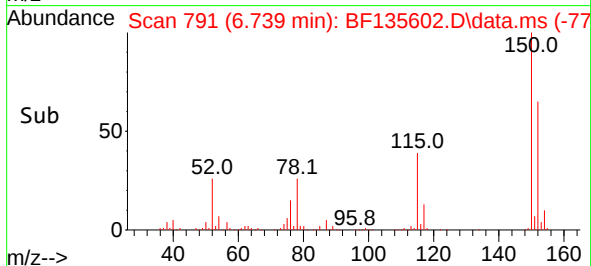


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Ion Ratio Lower Upper
152 100
150 154.7 127.8 191.6
115 60.4 49.8 74.8

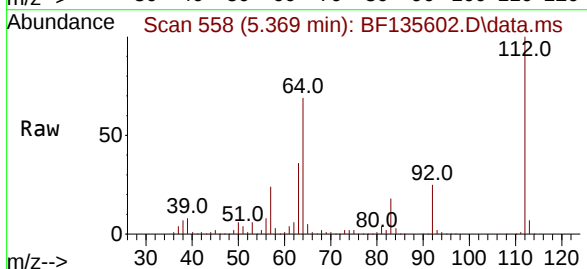
Manual Integrations

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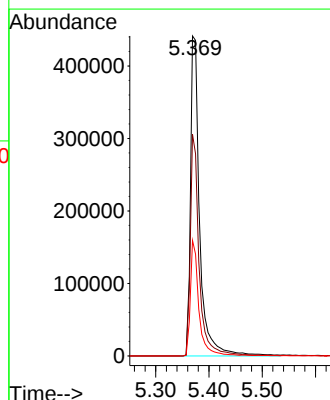
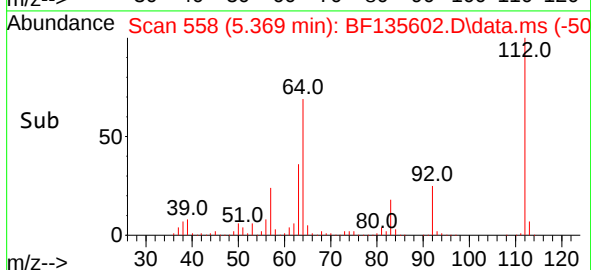
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

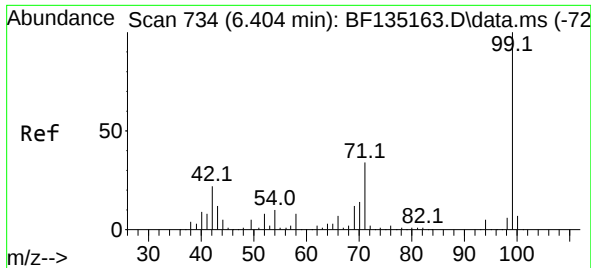


#5
2-Fluorophenol
Concen: 75.703 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.000 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31



Tgt Ion:112 Resp: 533898
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 36.1 29.0 43.6





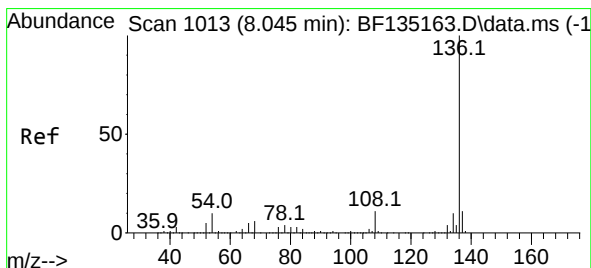
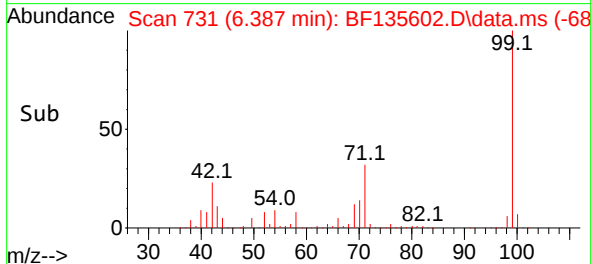
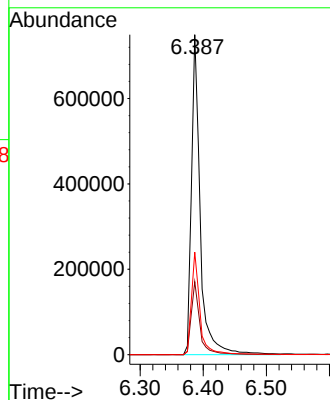
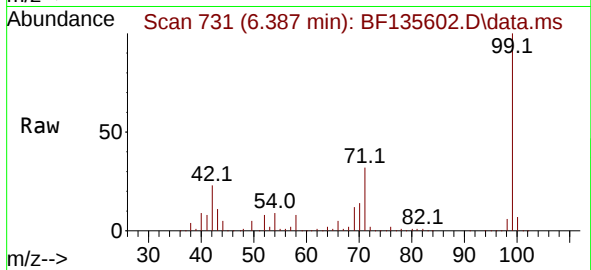
#7
Phenol-d6
Concen: 81.189 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Tgt Ion: 99 Resp: 72807
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 32.0 27.0 40.6

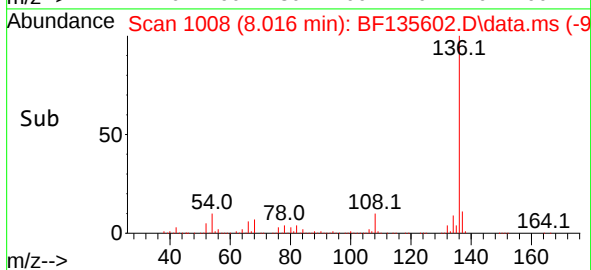
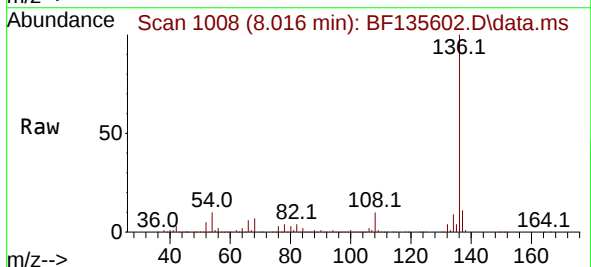
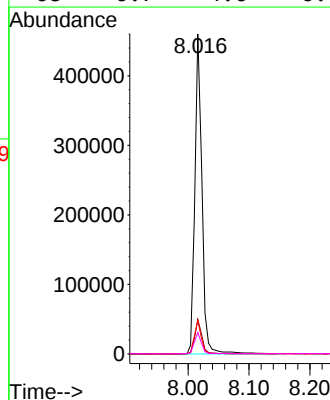
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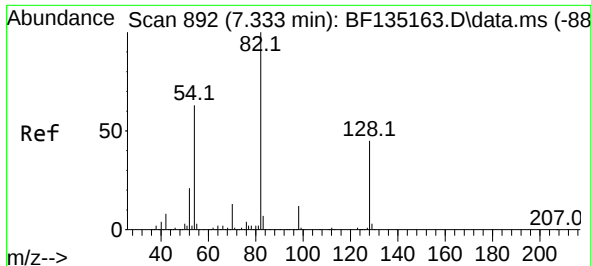
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

Tgt Ion:136 Resp: 373044
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.4 7.7 11.5
68 6.7 4.6 6.8





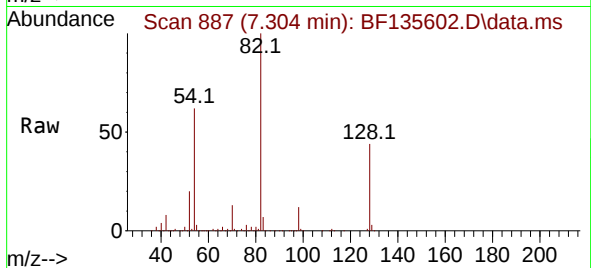
#23
Nitrobenzene-d5
Concen: 62.644 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

Instrument :

BNA_F

ClientSampleId :

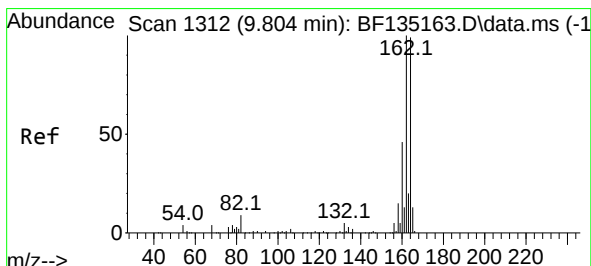
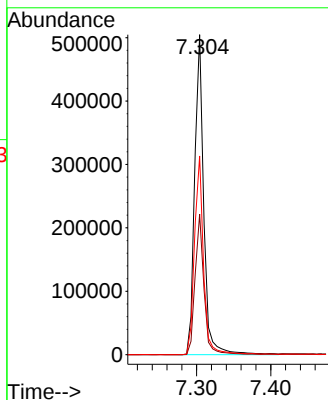
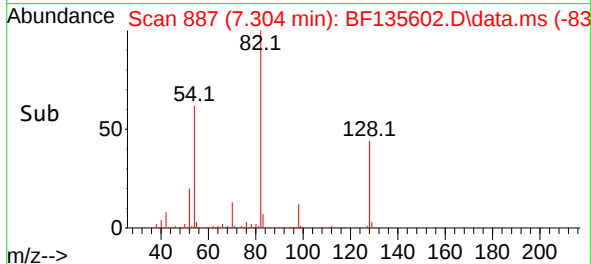
CONC-WC-1



Tgt Ion: 82 Resp: 430132
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 62.1 50.6 76.0

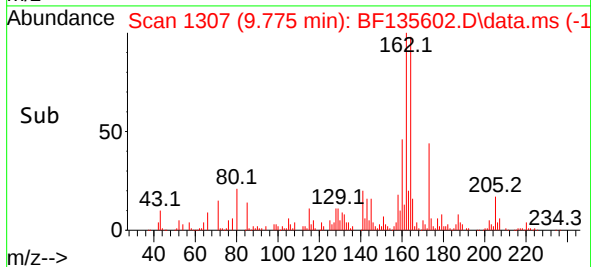
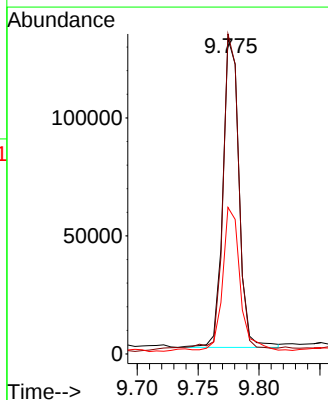
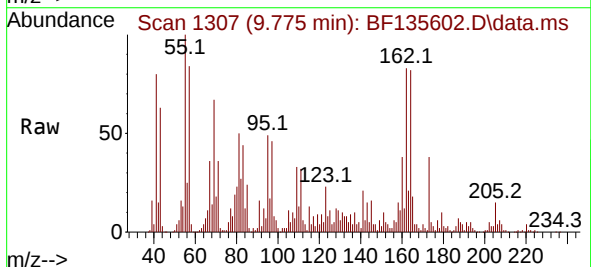
Manual Integrations
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Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

Tgt Ion:164 Resp: 120733
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 46.4 37.0 55.4





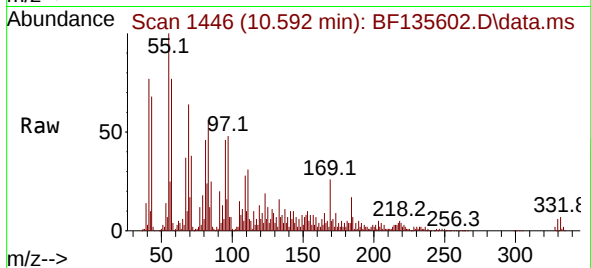
#42
2,4,6-Tribromophenol
Concen: 40.187 ng
RT: 10.592 min Scan# 1447
Delta R.T. 0.024 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



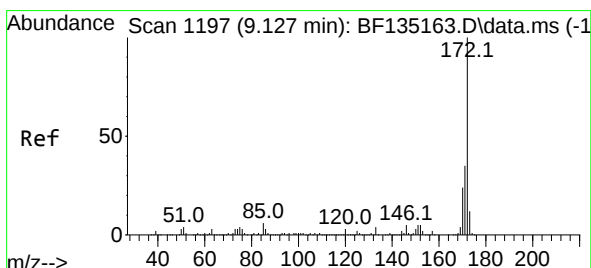
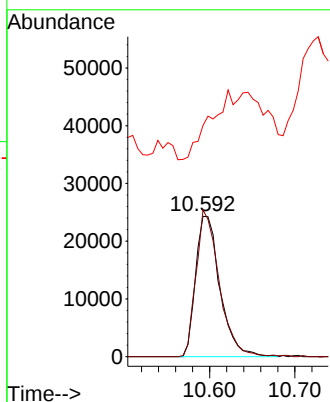
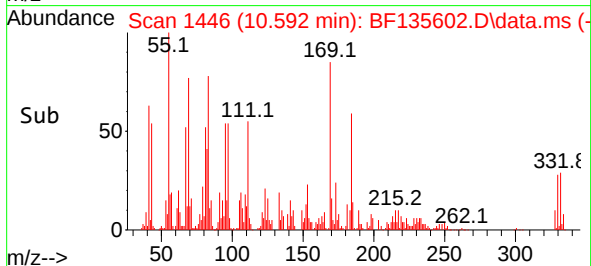
Tgt Ion:330 Resp: 48210
Ion Ratio Lower Upper
330 100
332 99.3 77.3 115.9
141 0.0 25.8 38.8

Manual Integrations

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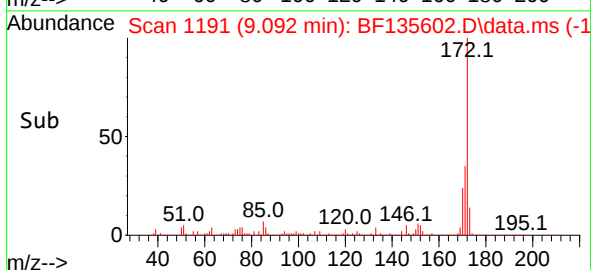
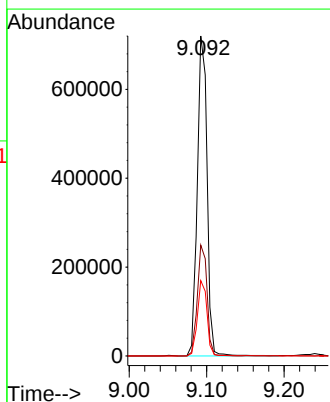
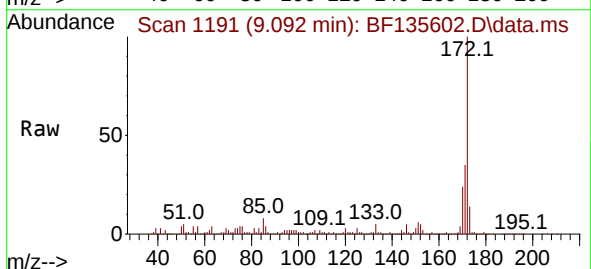
Reviewed By :Yogesh Patel 10/06/2023

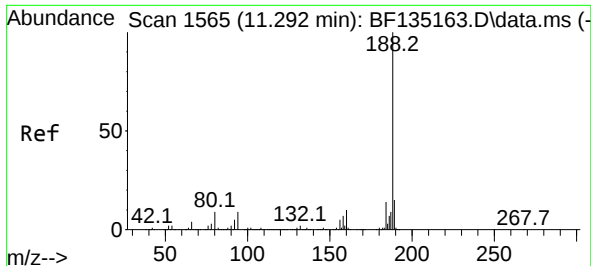
Supervised By :mohammad ahmed 10/07/2023



#45
2-Fluorobiphenyl
Concen: 78.713 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

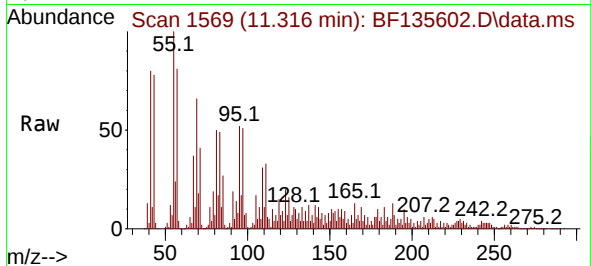
Tgt Ion:172 Resp: 629885
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.6 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1565
Delta R.T. 0.047 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31

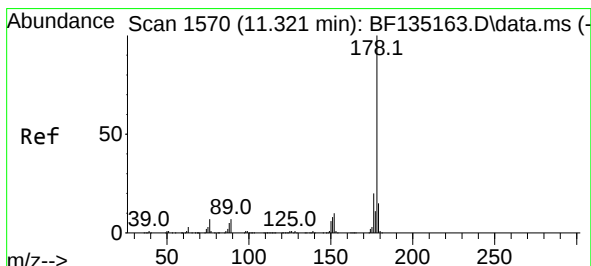
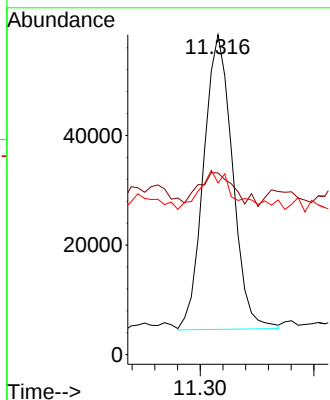
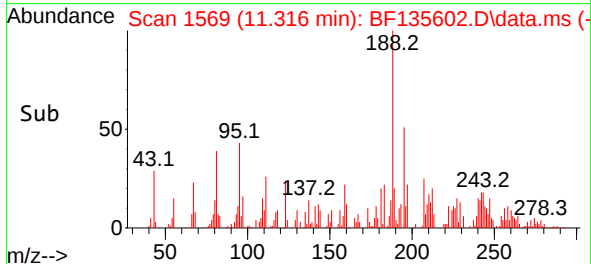
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1



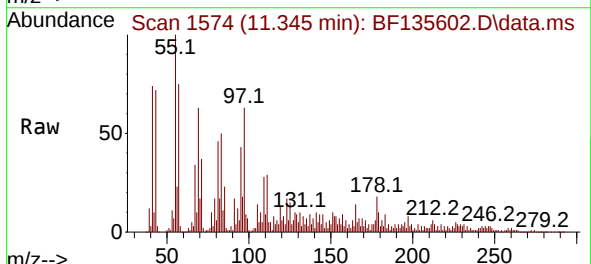
Tgt Ion:188 Resp: 94930
Ion Ratio Lower Upper
188 100
94 56.8 7.0 10.6
80 53.7 7.5 11.3

Manual Integrations
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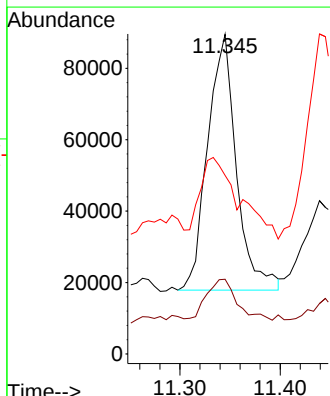
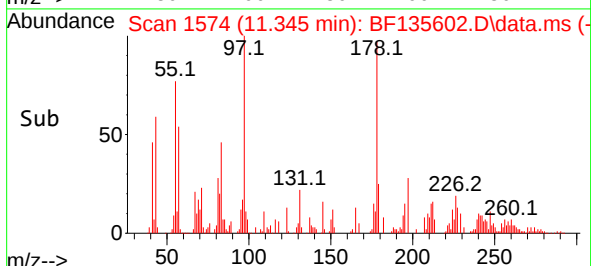
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

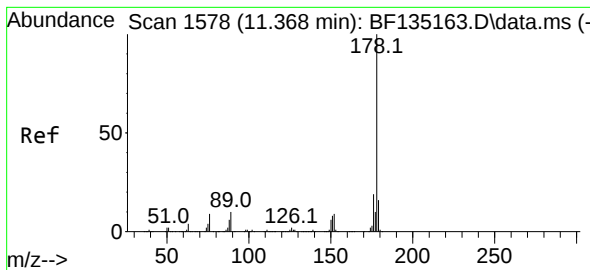


#71
Phenanthrene
Concen: 31.865 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.053 min
Lab File: BF135602.D
Acq: 05 Oct 2023 16:31



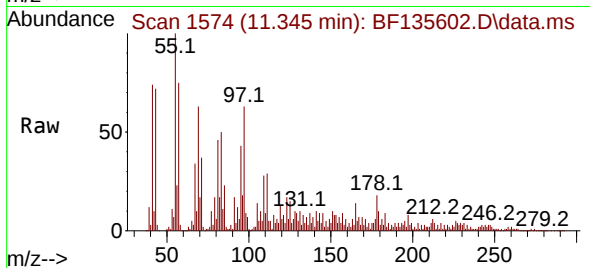
Tgt Ion:178 Resp: 143074
Ion Ratio Lower Upper
178 100
176 23.4 15.6 23.4
179 55.9 12.0 18.0





#72
 Anthracene
 Concen: 32.898 ng m
 RT: 11.345 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135602.D
 Acq: 05 Oct 2023 16:31

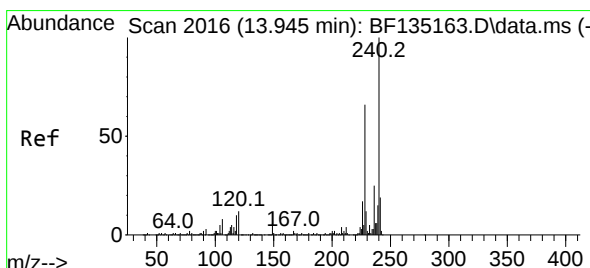
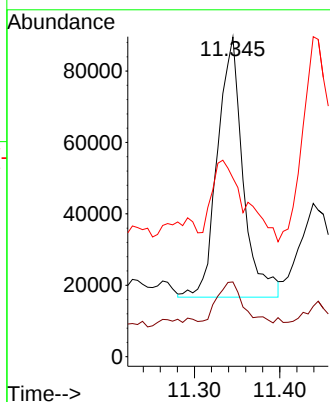
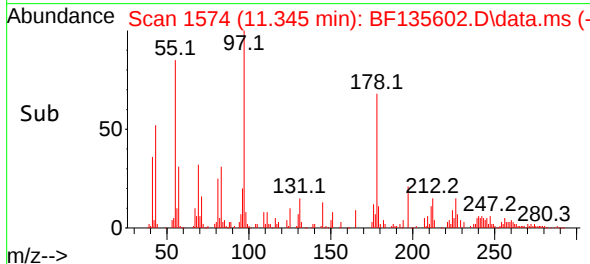
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1



Tgt Ion:178 Resp: 15183
 Ion Ratio Lower Upper
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 176 23.4 15.4 23.2
 179 55.9 12.6 19.0

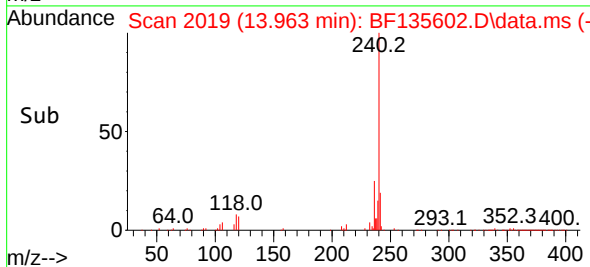
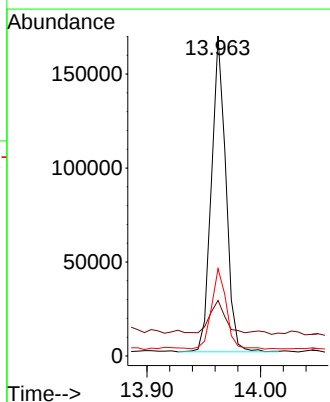
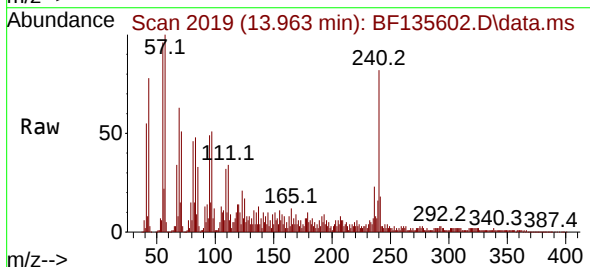
Manual Integrations
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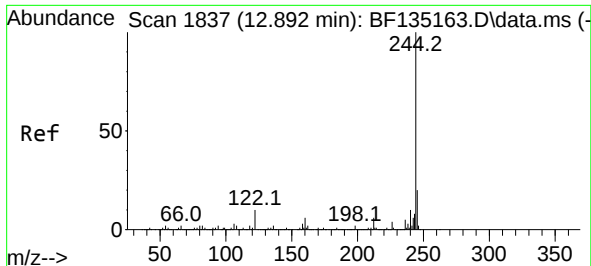
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.035 min
 Lab File: BF135602.D
 Acq: 05 Oct 2023 16:31

Tgt Ion:240 Resp: 148004
 Ion Ratio Lower Upper
 240 100
 120 17.3 9.4 14.2
 236 27.3 19.8 29.8





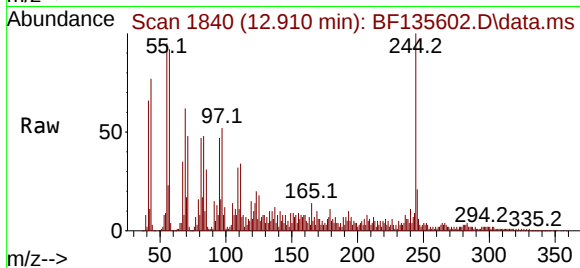
#79
 Terphenyl-d14
 Concen: 34.063 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.047 min
 Lab File: BF135602.D
 Acq: 05 Oct 2023 16:31

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

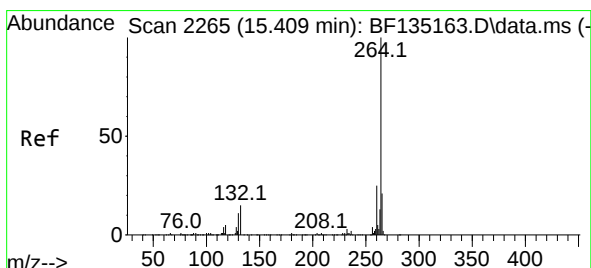
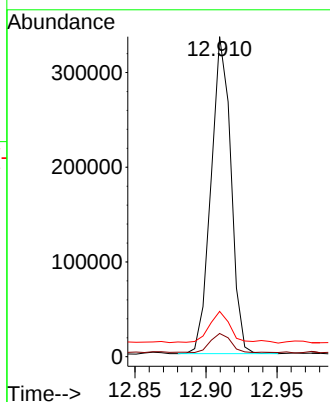
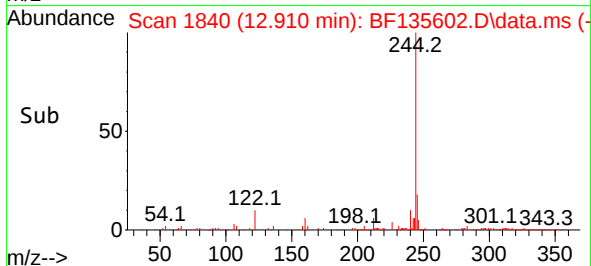


Tgt Ion:244 Resp: 32521
 Ion Ratio Lower Upper
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 212 7.3 5.1 7.7
 122 14.1 7.9 11.9

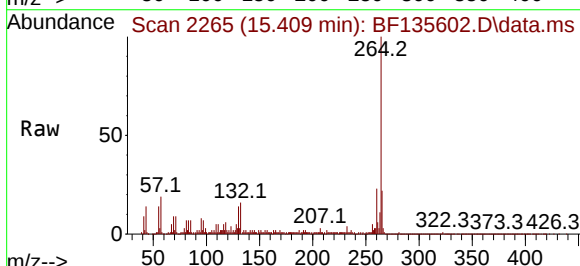
Manual Integrations

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Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.024 min
 Lab File: BF135602.D
 Acq: 05 Oct 2023 16:31



Tgt Ion:264 Resp: 253562
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 22.0 17.0 25.4

