

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135209.D
 Acq On : 13 Sep 2023 06:35
 Operator : CG\JU
 Sample : 04333-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 07:43:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	115232	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	406609	20.000	ng	# 0.00
39) Acenaphthene-d10	9.804	164	154828	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	157333	20.000	ng	# 0.02
76) Chrysene-d12	13.962	240	186151	20.000	ng	0.02
86) Perylene-d12	15.415	264	257317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	665648	93.953	ng	0.01
7) Phenol-d6	6.404	99	843265	93.604	ng	0.00
23) Nitrobenzene-d5	7.328	82	512784	68.516	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	125624	81.647	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	710035	69.189	ng	0.00
79) Terphenyl-d14	12.910	244	369728	30.789	ng	0.02
Target Compounds						
75) Fluoranthene	12.539	202	21699	2.799	ng	# 54
88) Benzo(b)fluoranthene	14.986	252	34321m	2.464	ng	

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

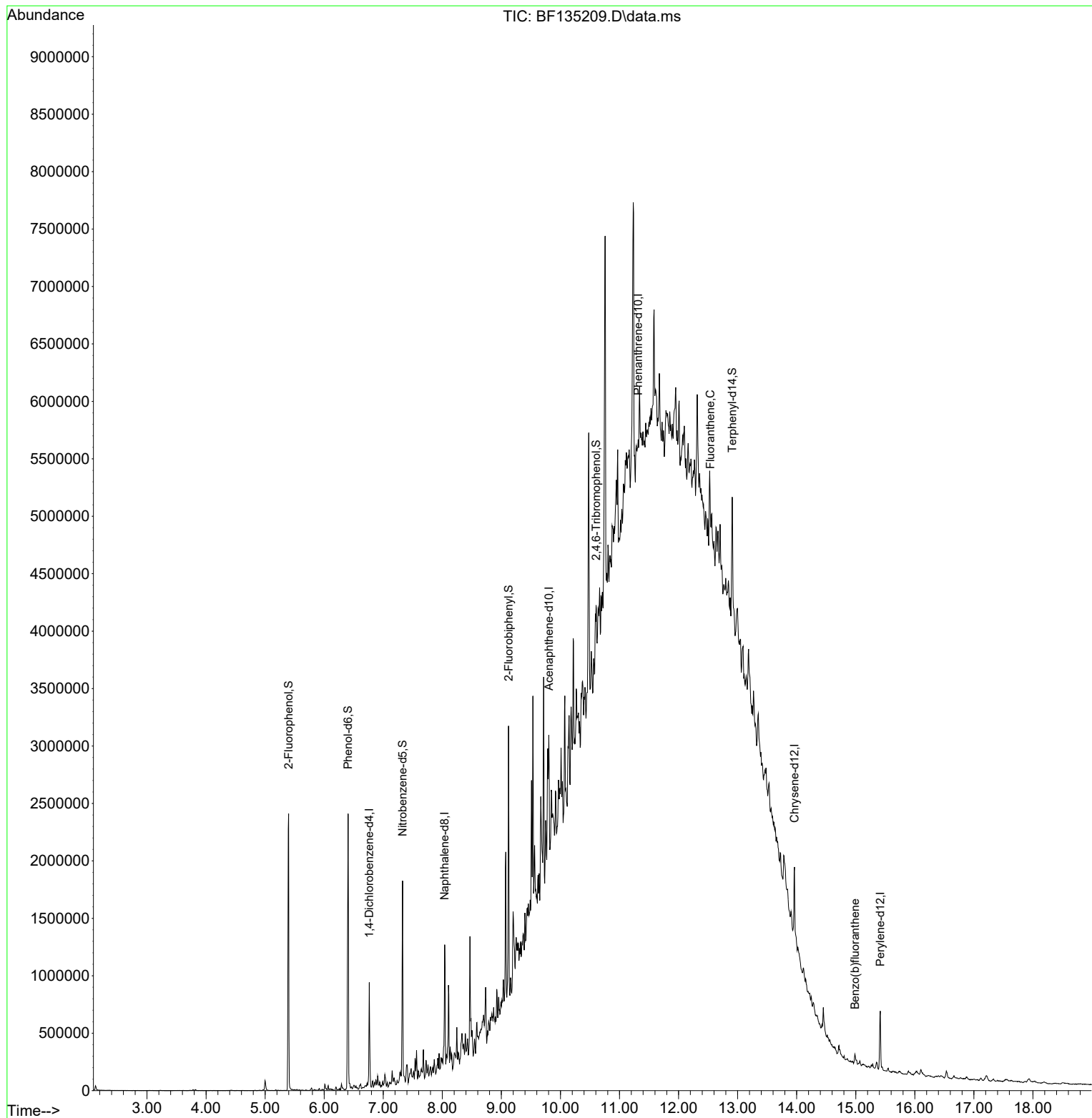
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135209.D
Acq On : 13 Sep 2023 06:35
Operator : CG\JU
Sample : 04333-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

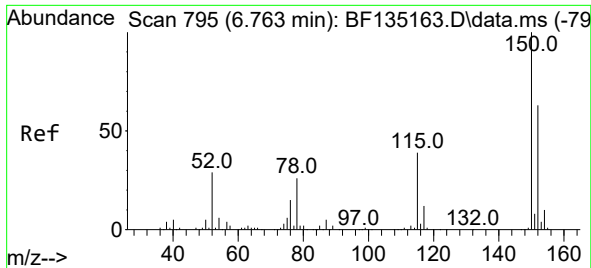
Instrument :
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ClientSampleId :
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Quant Time: Sep 13 07:43:49 2023
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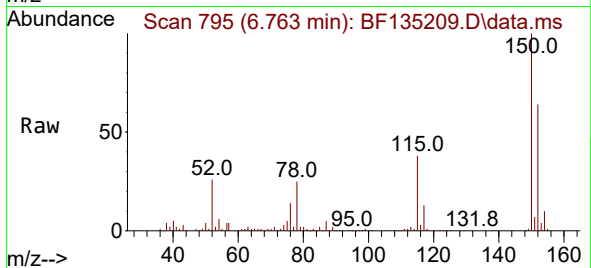
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35

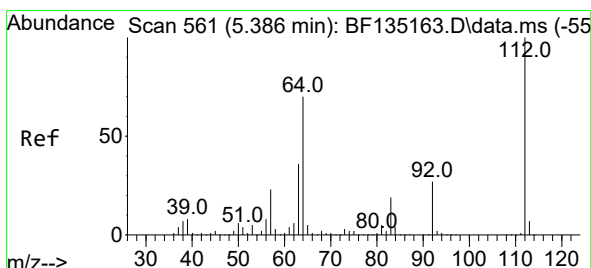
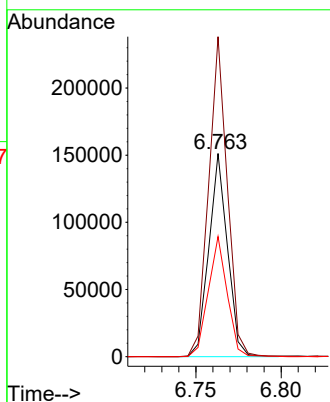
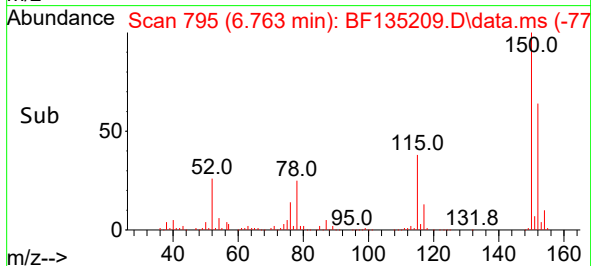
Instrument :
BNA_F
ClientSampleId :
WC-1



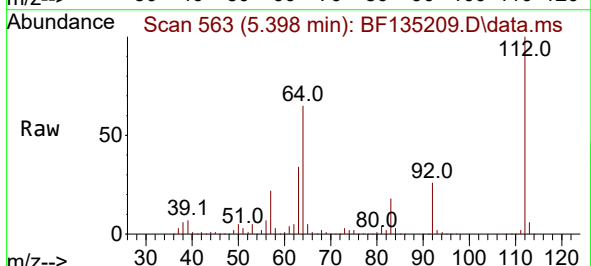
Tgt Ion:152 Resp: 115232
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 59.1 49.8 74.8

Manual Integrations
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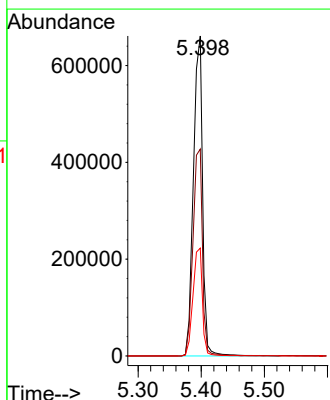
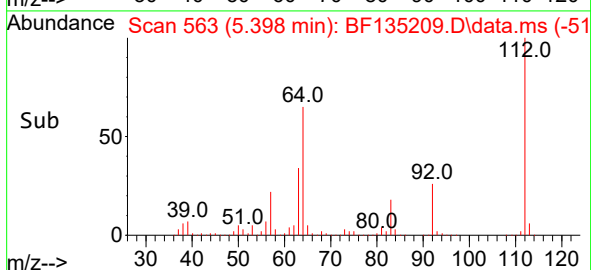
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

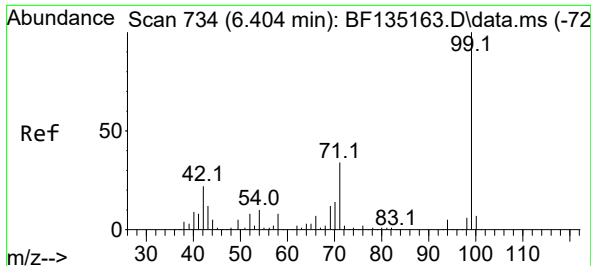


#5
2-Fluorophenol
Concen: 93.953 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35



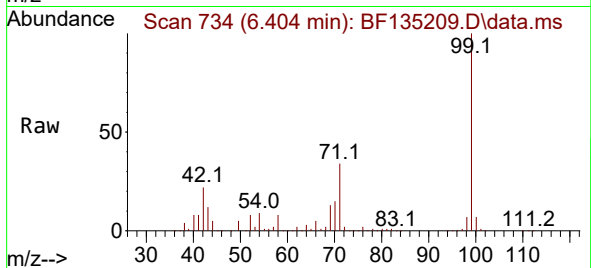
Tgt Ion:112 Resp: 665648
Ion Ratio Lower Upper
112 100
64 64.7 55.9 83.9
63 33.7 29.0 43.6





#7
Phenol-d6
Concen: 93.604 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35

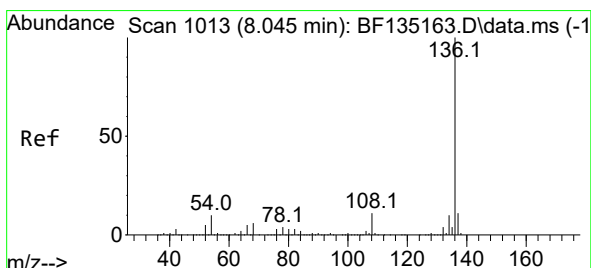
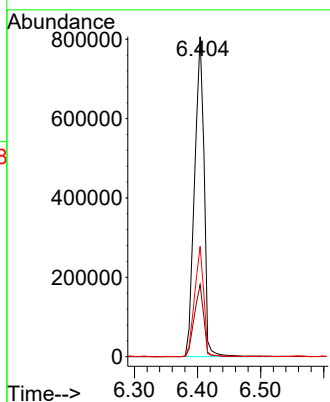
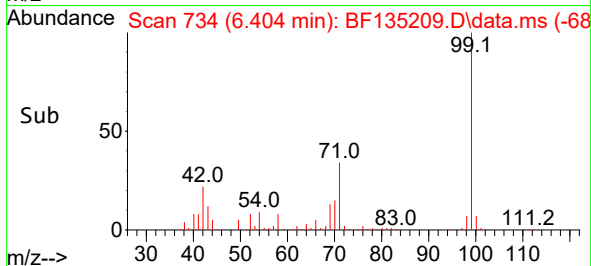
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 99 Resp: 84326
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 34.4 27.0 40.6

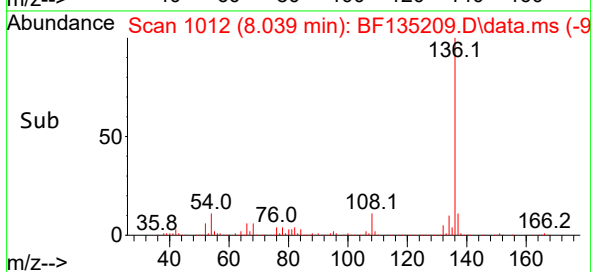
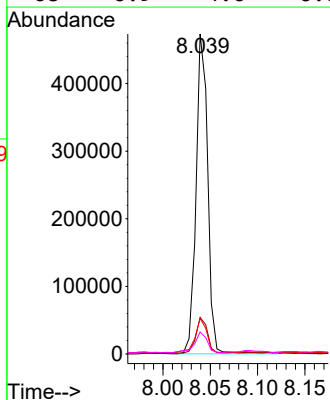
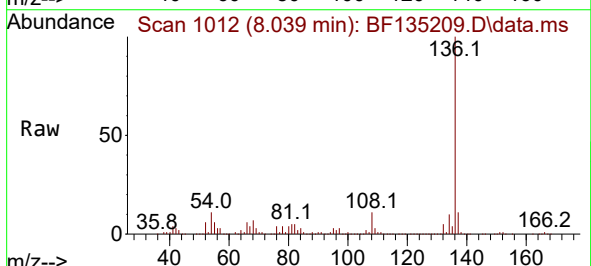
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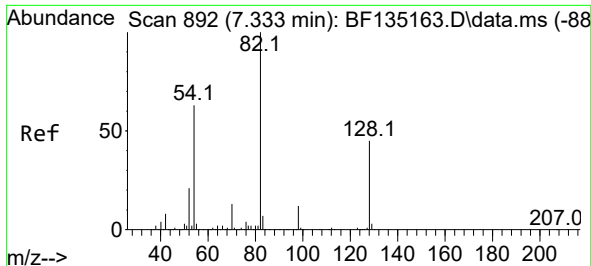
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35

Tgt Ion:136 Resp: 406609
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.1 7.7 11.5
68 6.9 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 68.516 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135209.D

Acq: 13 Sep 2023 06:35

Instrument :

BNA_F

ClientSampleId :

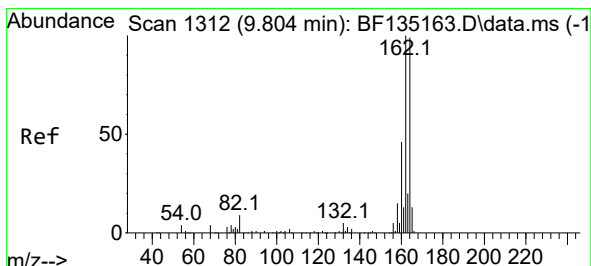
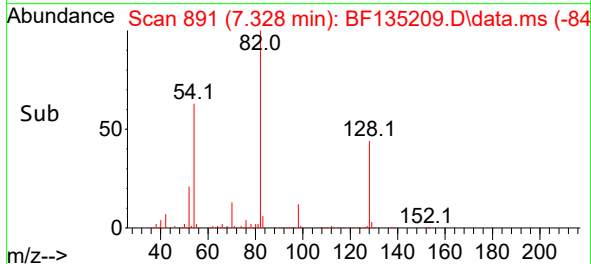
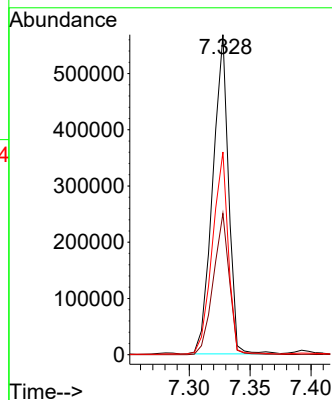
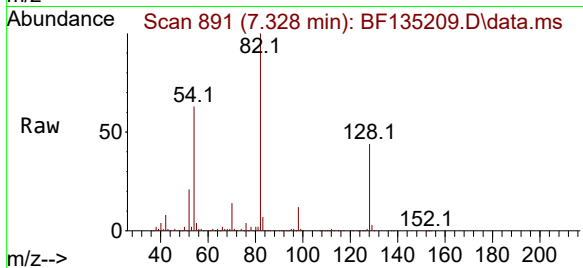
WC-1

Tgt Ion: 82 Resp: 512784
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.8 53.6
 54 63.3 50.6 76.0

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 Supervised By :mohammad ahmed 09/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

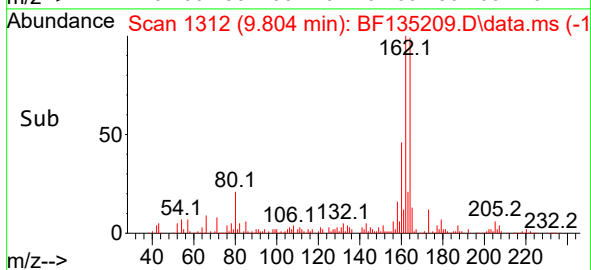
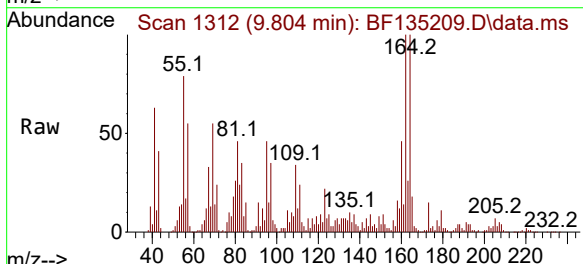
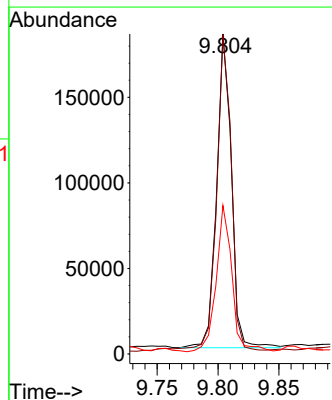
RT: 9.804 min Scan# 1312

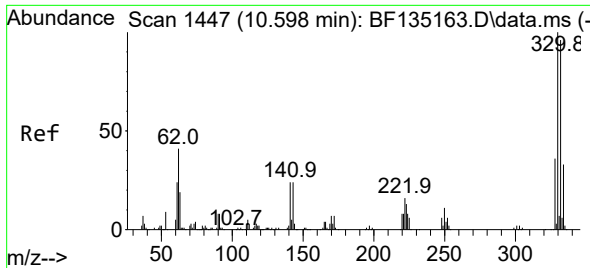
Delta R.T. 0.000 min

Lab File: BF135209.D

Acq: 13 Sep 2023 06:35

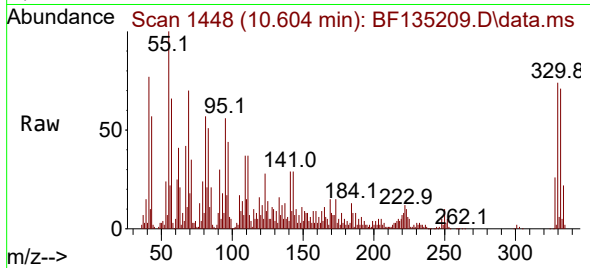
Tgt Ion:164 Resp: 154828
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.0 121.4
 160 46.4 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 81.647 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35

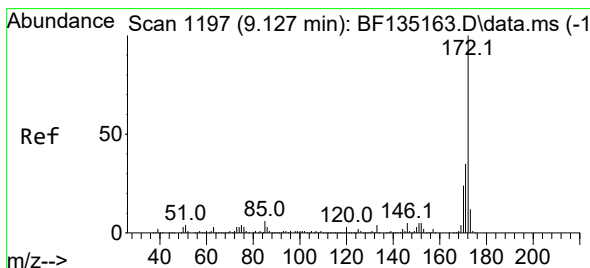
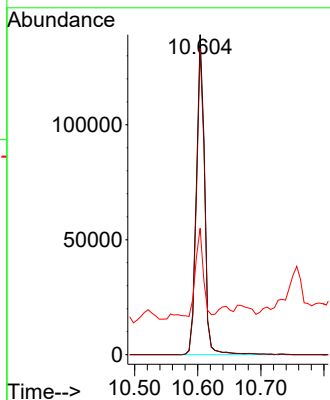
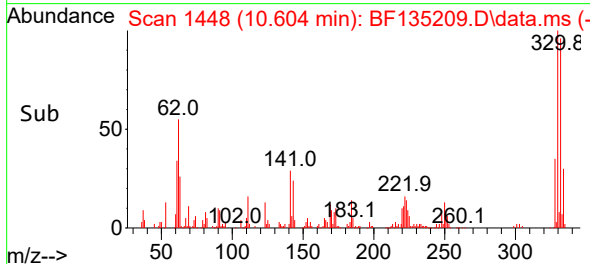
Instrument :
BNA_F
ClientSampleId :
WC-1



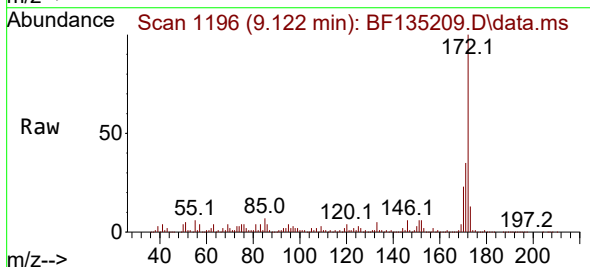
Tgt Ion: 330 Resp: 125624
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 25.2 25.8 38.8

Manual Integrations
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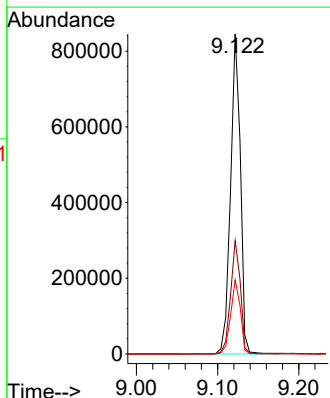
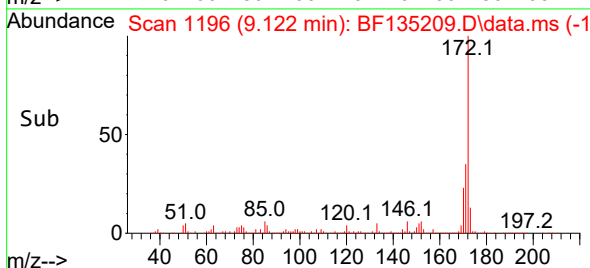
Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/14/2023

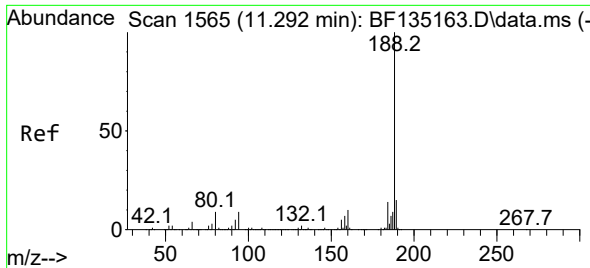


#45
2-Fluorobiphenyl
Concen: 69.189 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35



Tgt Ion: 172 Resp: 710035
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.1 19.0 28.4





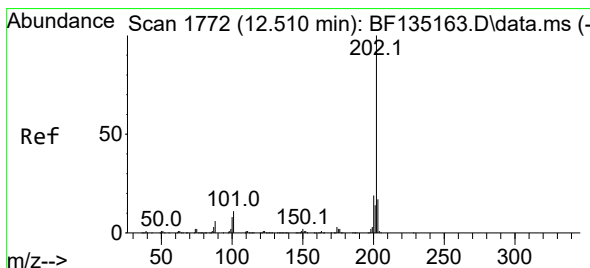
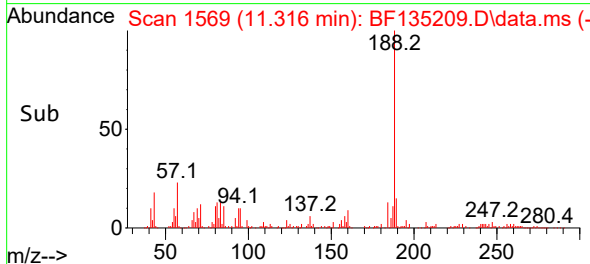
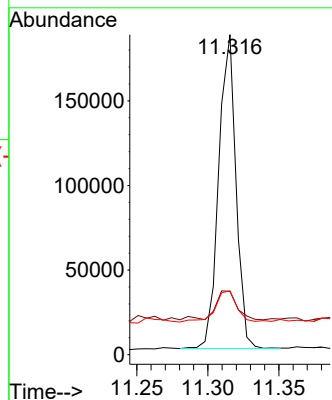
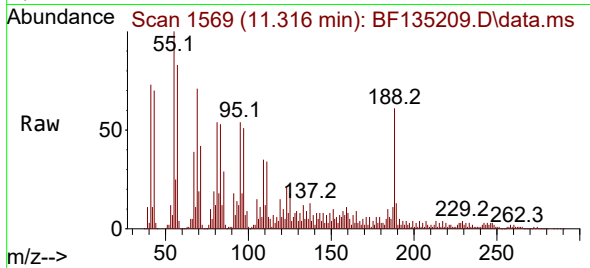
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.024 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 15733
Ion Ratio Lower Upper
188 100
94 19.8 7.0 10.6
80 20.0 7.5 11.3

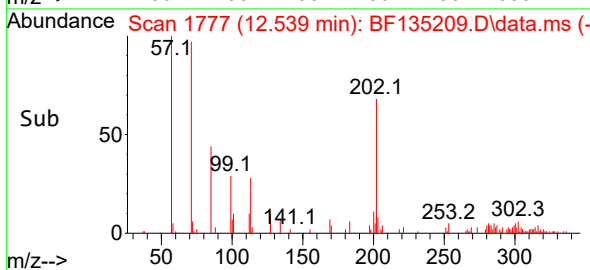
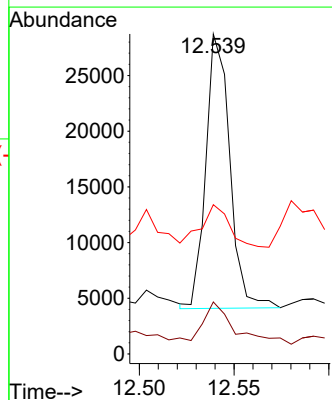
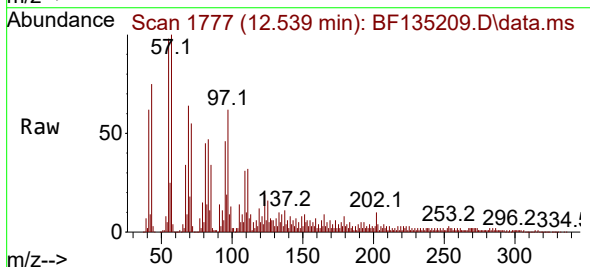
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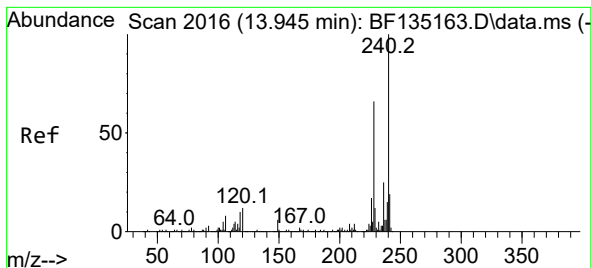
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#75
Fluoranthene
Concen: 2.799 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.029 min
Lab File: BF135209.D
Acq: 13 Sep 2023 06:35

Tgt Ion:202 Resp: 21699
Ion Ratio Lower Upper
202 100
101 16.3 0.0 31.3
203 46.7 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2016

Delta R.T. 0.018 min

Lab File: BF135209.D

Acq: 13 Sep 2023 06:35

Instrument :

BNA_F

ClientSampleId :

WC-1

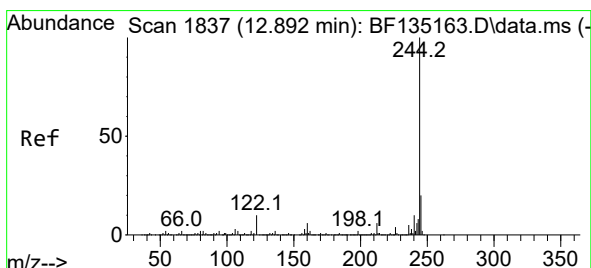
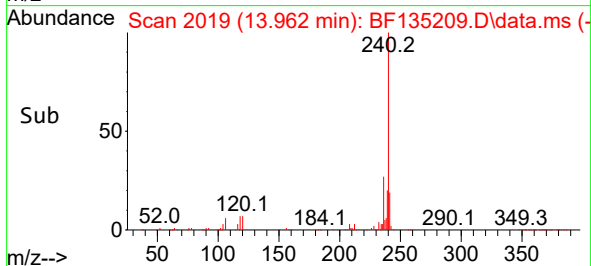
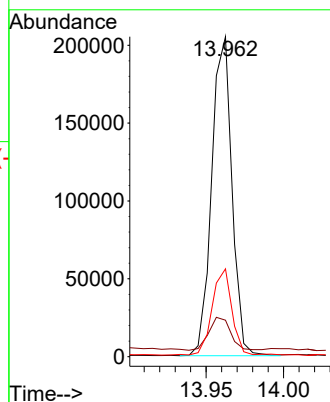
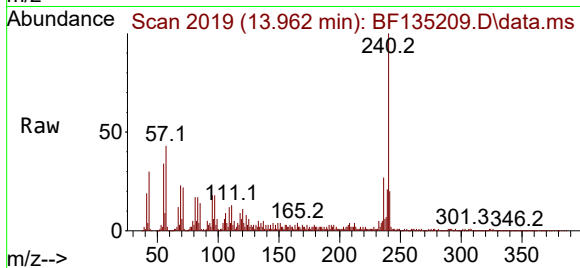
Tgt Ion:240	Resp: 18615
Ion Ratio	Lower Upper
240 100	
120 11.4	9.4 14.2
236 27.4	19.8 29.8

Manual Integrations

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Supervised By :mohammad ahmed 09/14/2023



#79

Terphenyl-d14

Concen: 30.789 ng

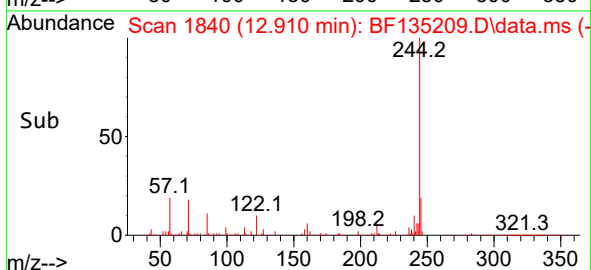
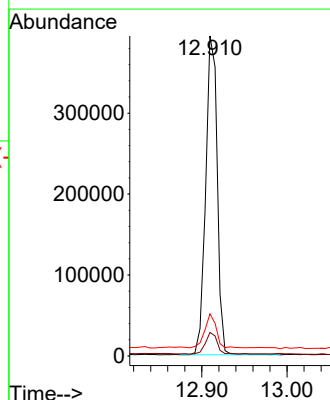
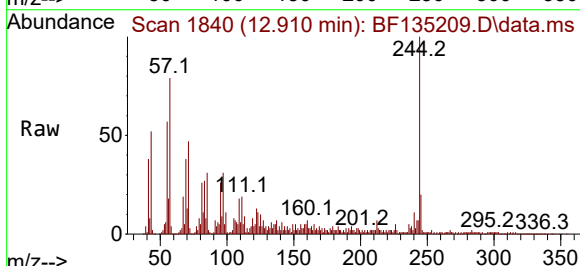
RT: 12.910 min Scan# 1840

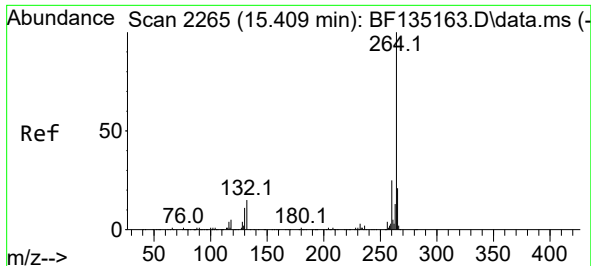
Delta R.T. 0.018 min

Lab File: BF135209.D

Acq: 13 Sep 2023 06:35

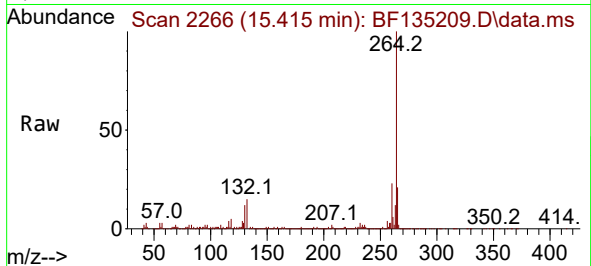
Tgt Ion:244	Resp: 369728
Ion Ratio	Lower Upper
244 100	
212 7.4	5.1 7.7
122 13.2	7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2193
 Delta R.T. 0.006 min
 Lab File: BF135209.D
 Acq: 13 Sep 2023 06:35

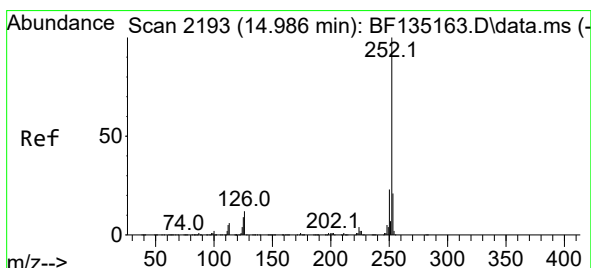
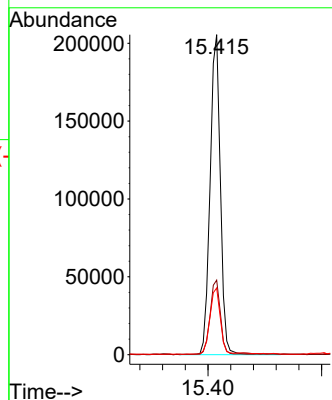
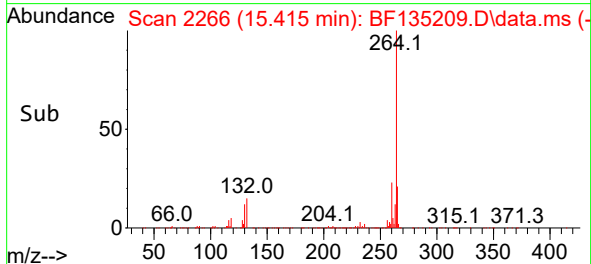
Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:264 Resp: 25731
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 20.8 17.0 25.4

Manual Integrations
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Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023



#88
 Benzo(b)fluoranthene
 Concen: 2.464 ng m
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135209.D
 Acq: 13 Sep 2023 06:35

Tgt Ion:252 Resp: 34321
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 15.7 7.1 10.7#

