

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135540.D
 Acq On : 02 Oct 2023 21:57
 Operator : CG\JU
 Sample : 04691-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092923

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 03 02:58:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	174226	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	615911	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	262674	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	448832	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	333945	20.000	ng	0.00
86) Perylene-d12	15.398	264	262437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	805929	75.236	ng	0.00
7) Phenol-d6	6.392	99	971133	71.297	ng	-0.01
23) Nitrobenzene-d5	7.310	82	582911	51.418	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	160071	61.322	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	937550	53.850	ng	-0.01
79) Terphenyl-d14	12.868	244	810542	37.626	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.292	178	46493	2.190	ng	97
75) Fluoranthene	12.492	202	94594	4.277	ng	99
78) Pyrene	12.721	202	91032	2.863	ng	98
88) Benzo(b)fluoranthene	14.974	252	37140m	2.614	ng	

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

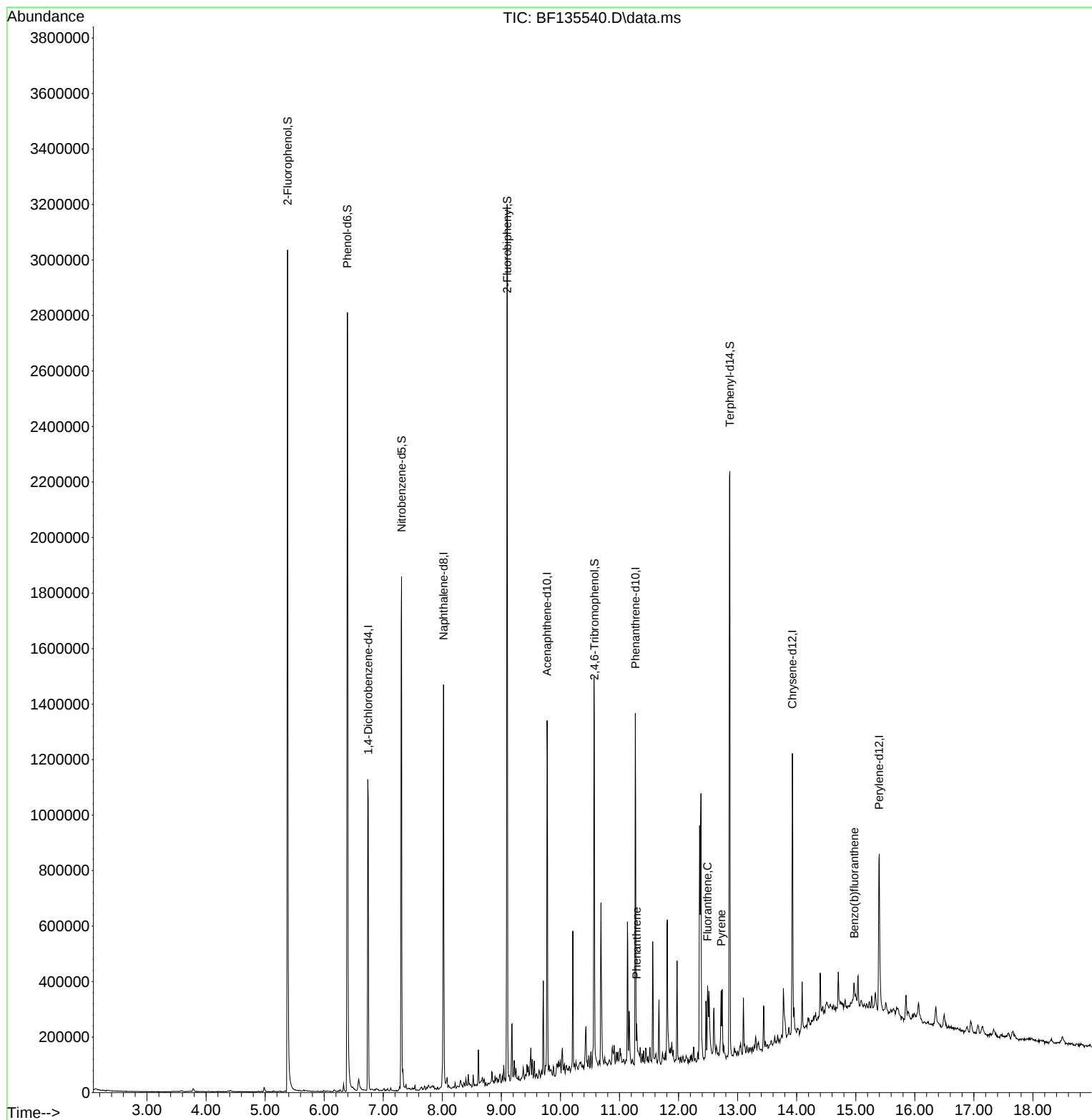
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135540.D
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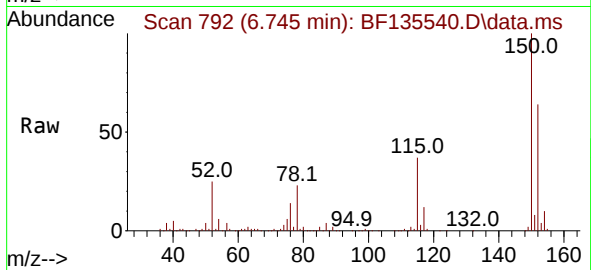
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Instrument :

BNA_F

ClientSampleId :

NB-08-092923

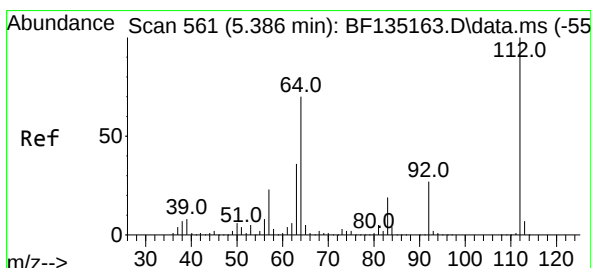
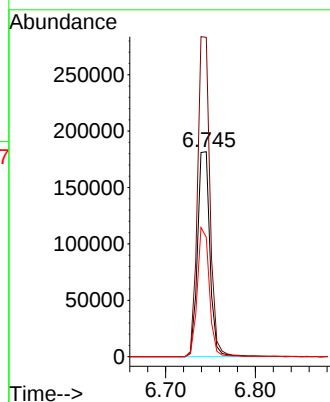
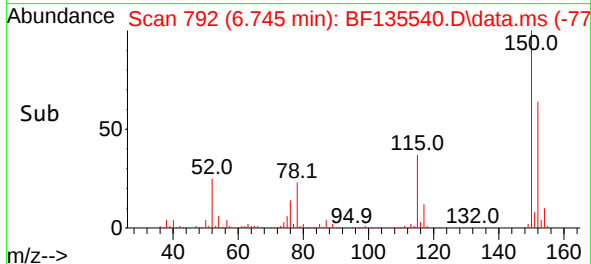


Tgt Ion:152 Resp: 174220
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.6
115 58.3 49.8 74.8

Manual Integrations

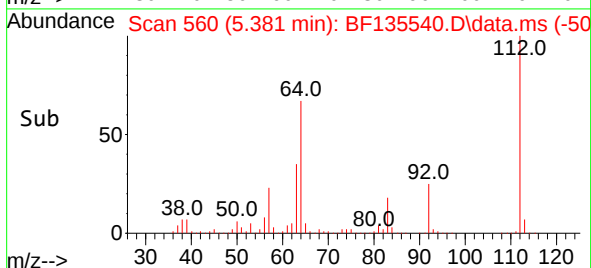
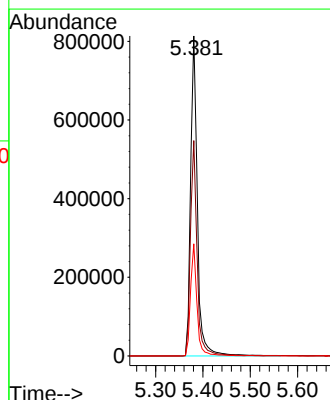
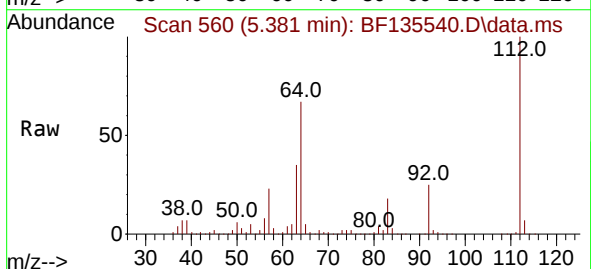
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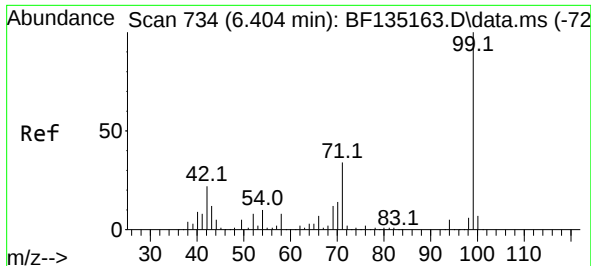
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#5
2-Fluorophenol
Concen: 75.236 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Tgt Ion:112 Resp: 805929
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 35.1 29.0 43.6





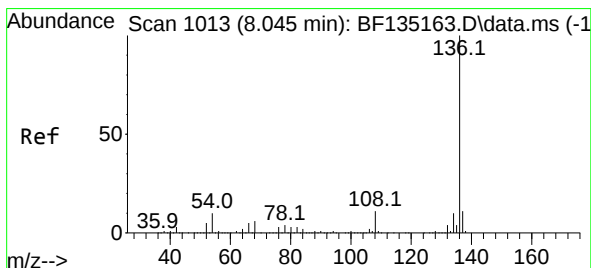
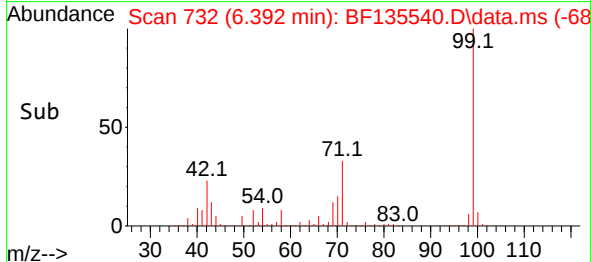
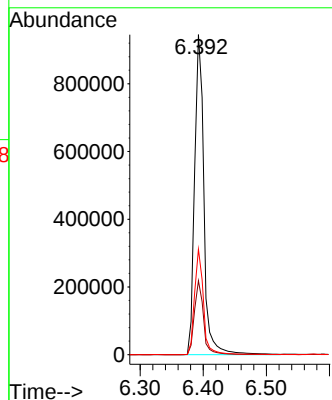
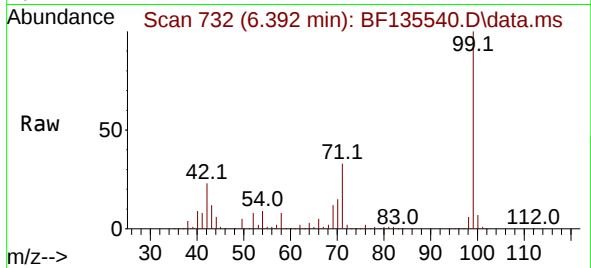
#7
Phenol-d6
Concen: 71.297 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Instrument :
BNA_F
ClientSampleId :
NB-08-092923

Tgt Ion: 99 Resp: 97113
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.9 27.0 40.6

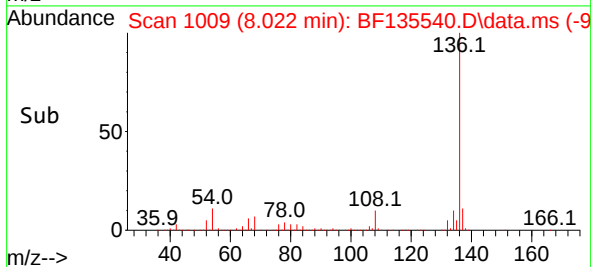
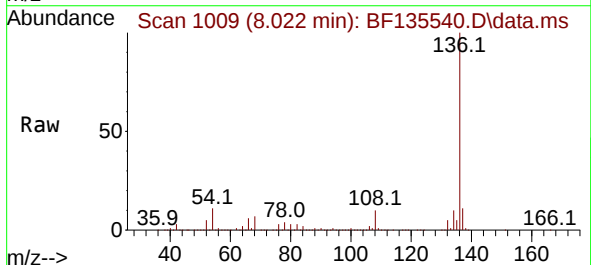
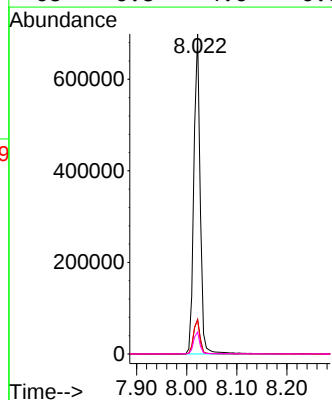
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Supervised By :mohammad ahmed 10/04/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Tgt Ion:136 Resp: 615911
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.6 7.7 11.5
68 6.8 4.6 6.8#





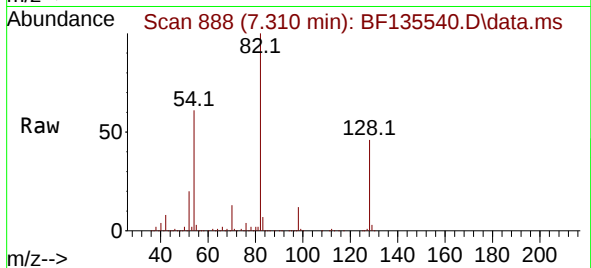
#23
Nitrobenzene-d5
Concen: 51.418 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Instrument :

BNA_F

ClientSampleId :

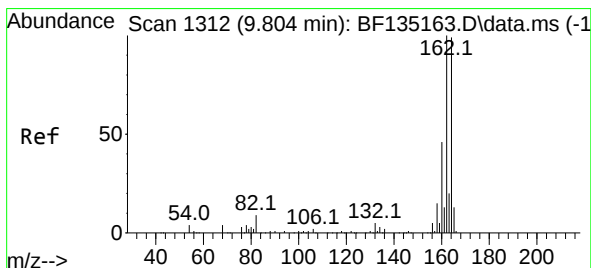
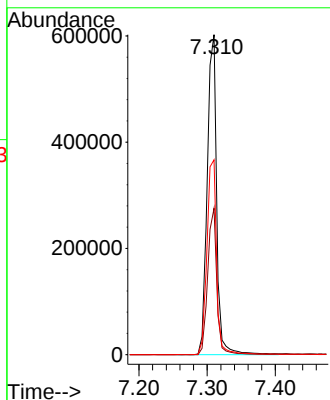
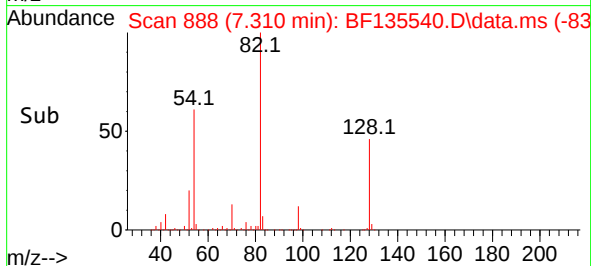
NB-08-092923



Tgt Ion: 82 Resp: 58291
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.6
54 60.9 50.6 76.0

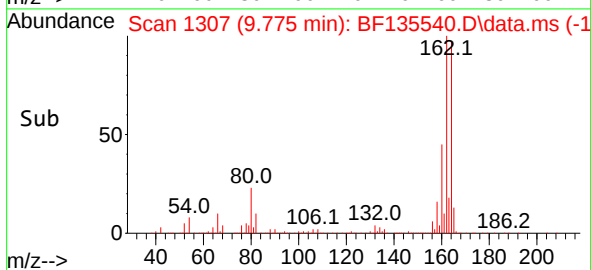
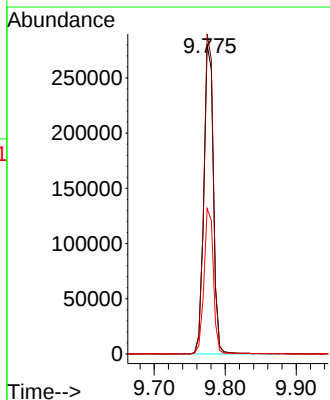
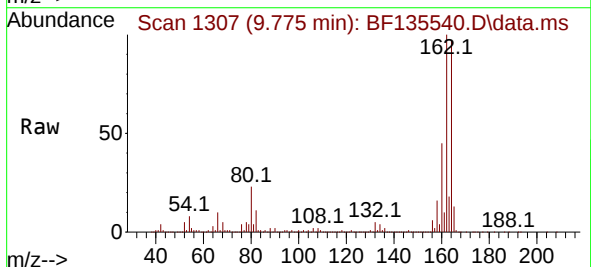
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Supervised By :mohammad ahmed 10/04/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Tgt Ion:164 Resp: 262674
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.4
160 47.0 37.0 55.4





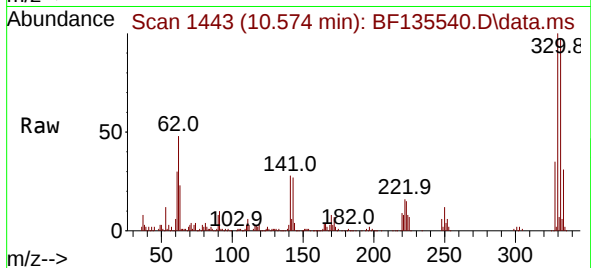
#42
2,4,6-Tribromophenol
Concen: 61.322 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Instrument :

BNA_F

ClientSampleId :

NB-08-092923

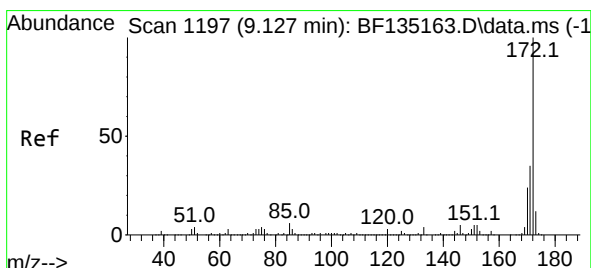
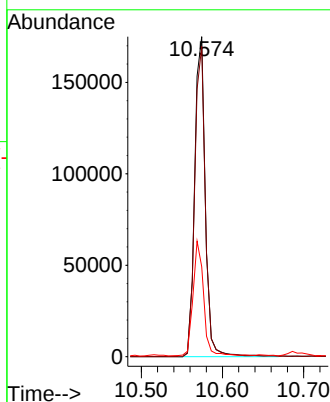
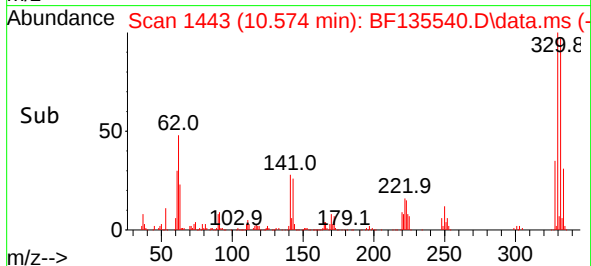


Tgt Ion: 330 Resp: 16007
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 35.8 25.8 38.8

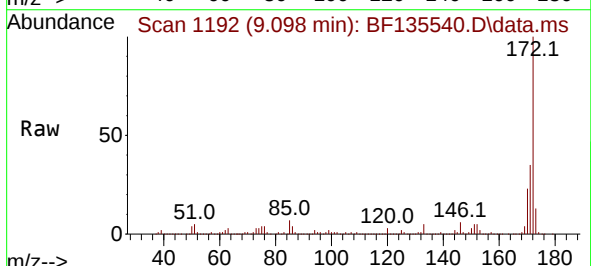
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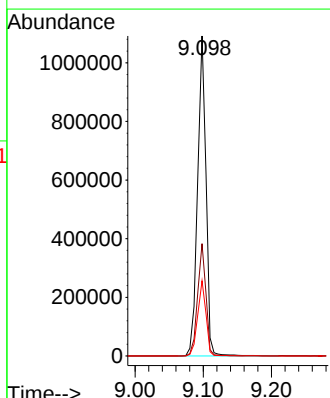
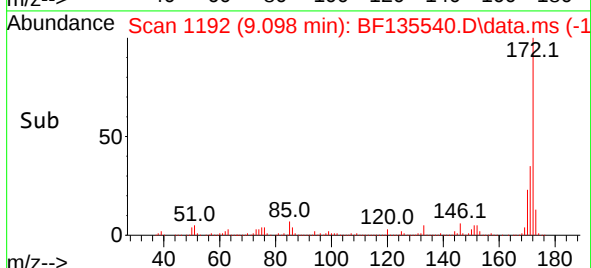
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Supervised By : mohammad ahmed 10/04/2023

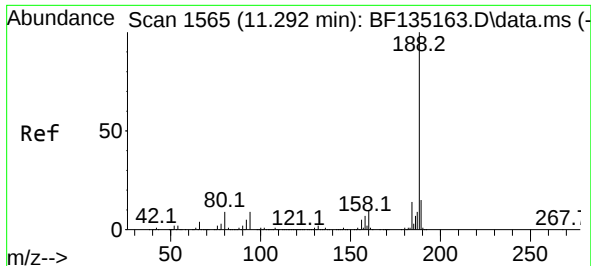


#45
2-Fluorobiphenyl
Concen: 53.850 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57



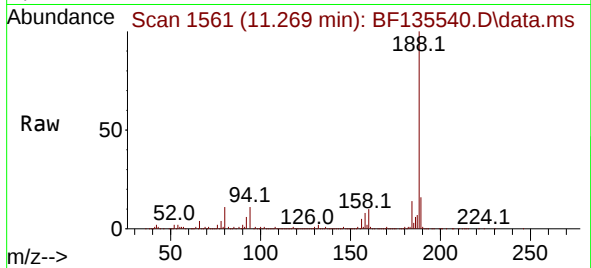
Tgt Ion: 172 Resp: 937550
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

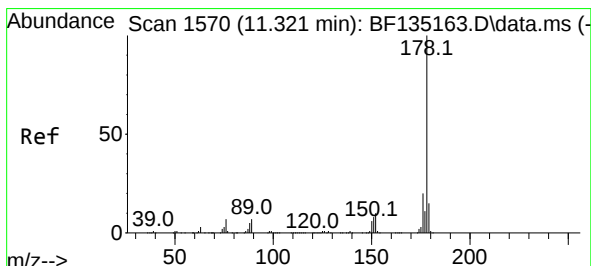
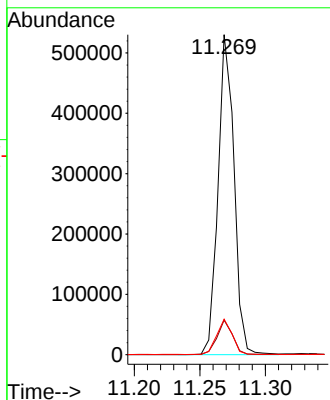
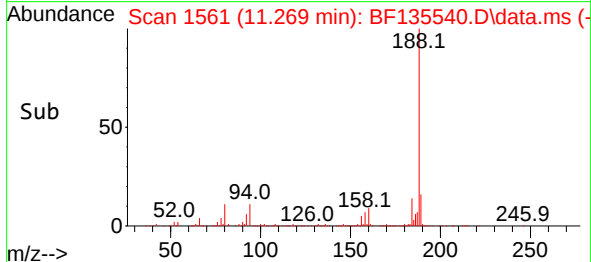
Instrument :
BNA_F
ClientSampleId :
NB-08-092923



Tgt Ion:188 Resp: 44883
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6
80 11.1 7.5 11.3

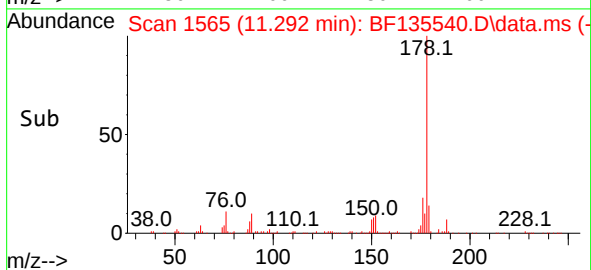
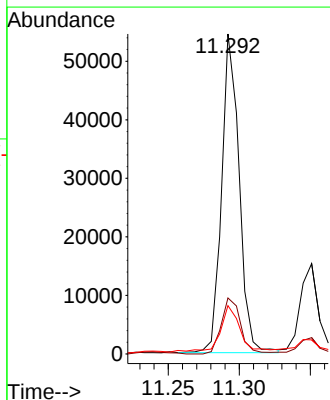
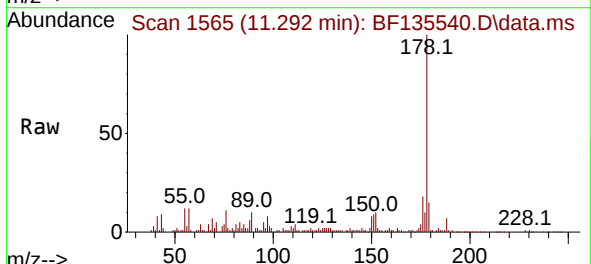
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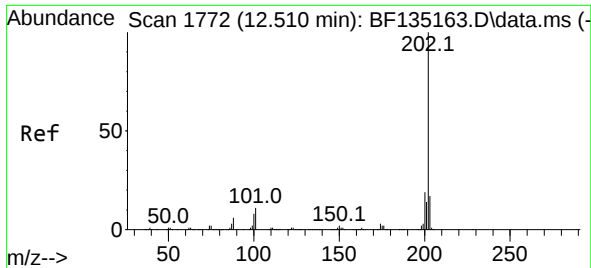
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#71
Phenanthrene
Concen: 2.190 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

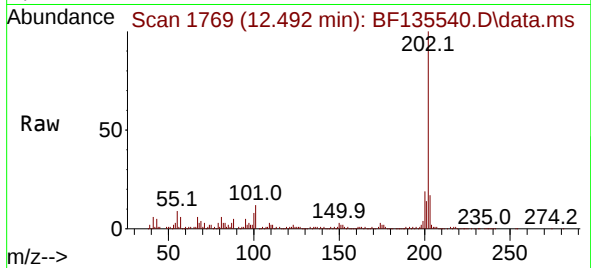
Tgt Ion:178 Resp: 46493
Ion Ratio Lower Upper
178 100
176 17.5 15.6 23.4
179 15.1 12.0 18.0





#75
Fluoranthene
Concen: 4.277 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

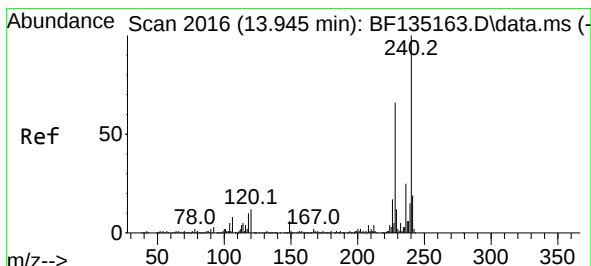
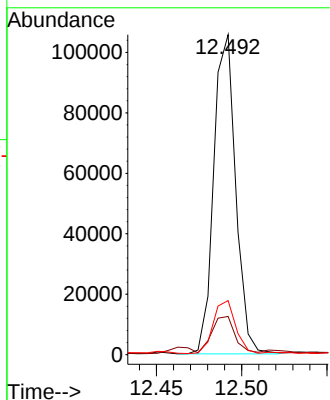
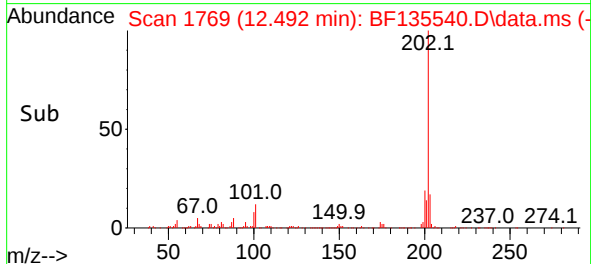
Instrument :
BNA_F
ClientSampleId :
NB-08-092923



Tgt Ion:202 Resp: 94594
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.3
203 16.9 0.0 37.4

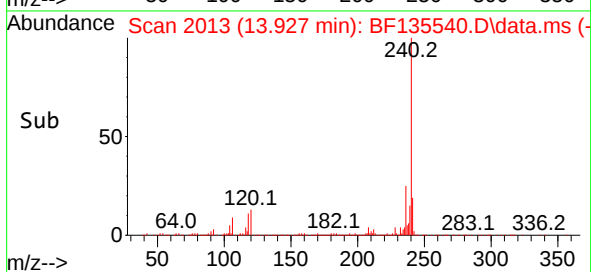
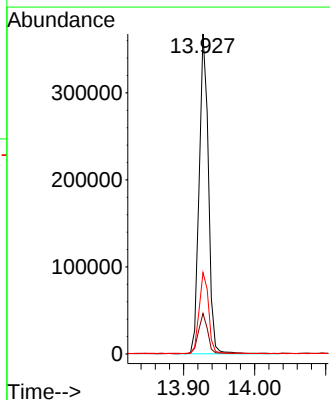
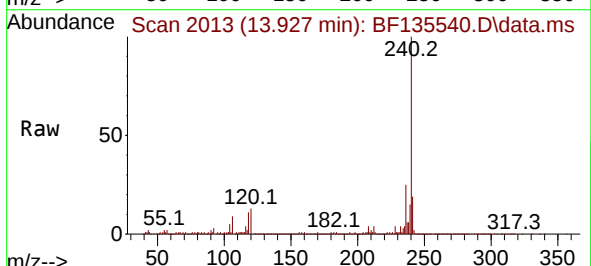
Manual Integrations
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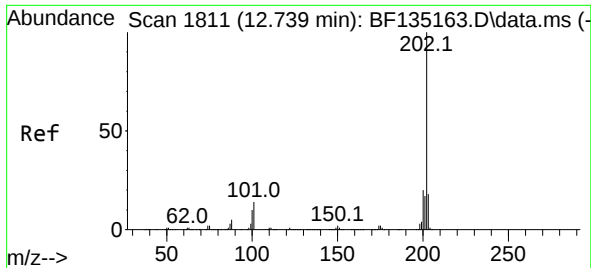
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Tgt Ion:240 Resp: 333945
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 25.4 19.8 29.8





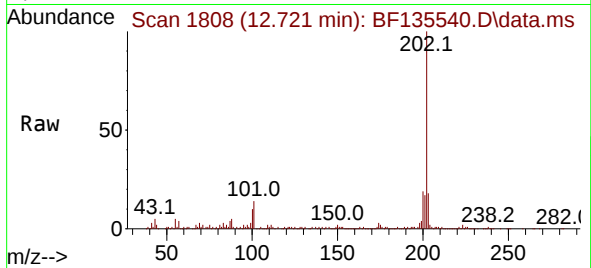
#78
Pyrene
Concen: 2.863 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57

Instrument :

BNA_F

ClientSampleId :

NB-08-092923

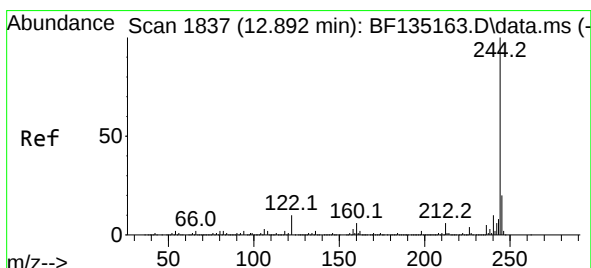
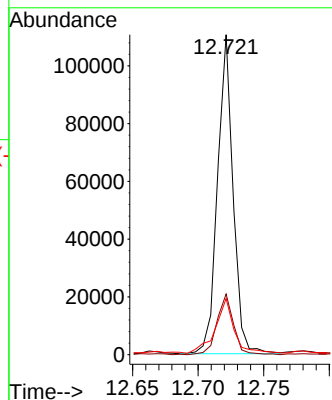
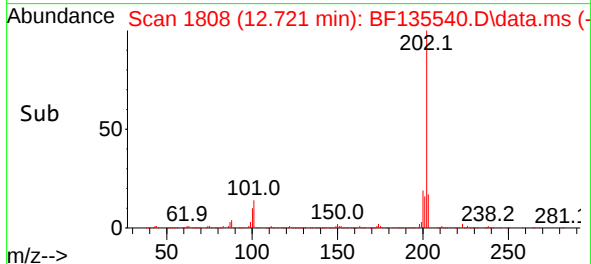


Tgt Ion:202 Resp: 91032
Ion Ratio Lower Upper
202 100
200 19.0 16.2 24.2
203 17.5 14.2 21.4

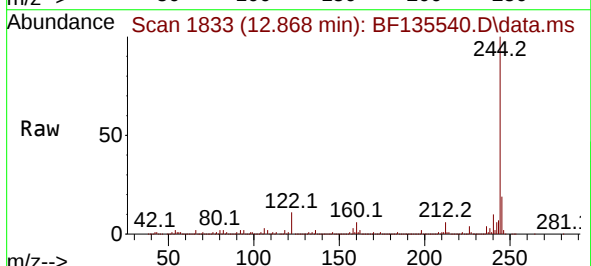
Manual Integrations

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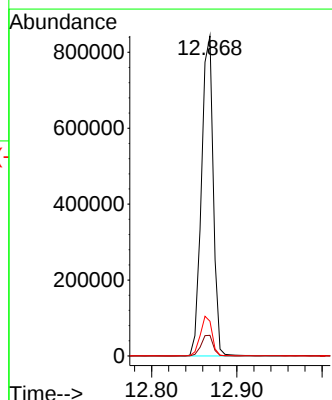
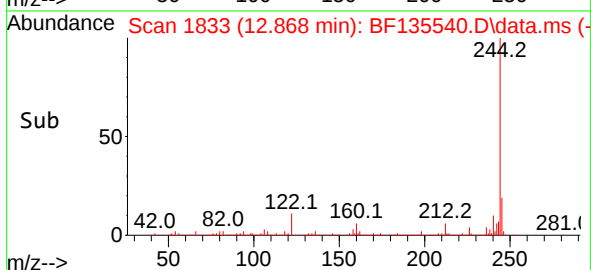
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

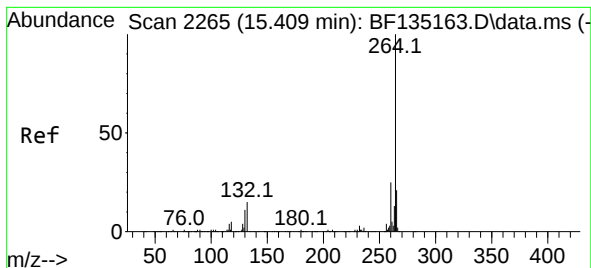


#79
Terphenyl-d14
Concen: 37.626 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF135540.D
Acq: 02 Oct 2023 21:57



Tgt Ion:244 Resp: 810542
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 10.9 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BF135540.D

Acq: 02 Oct 2023 21:57

Instrument :

BNA_F

ClientSampleId :

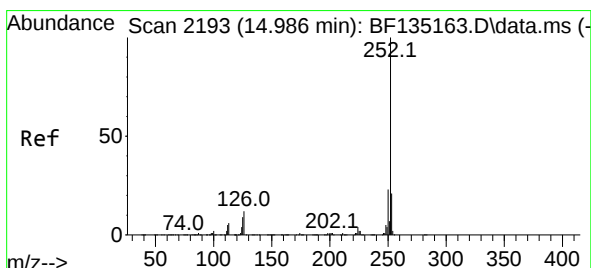
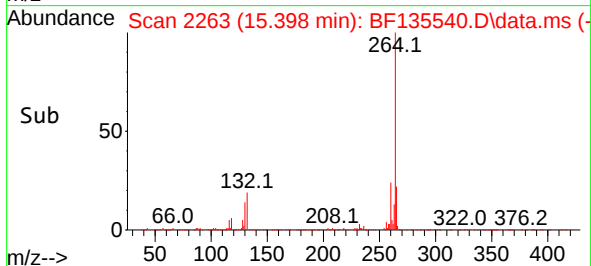
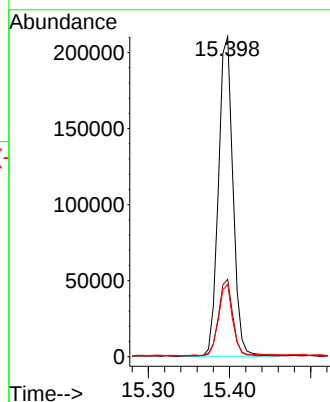
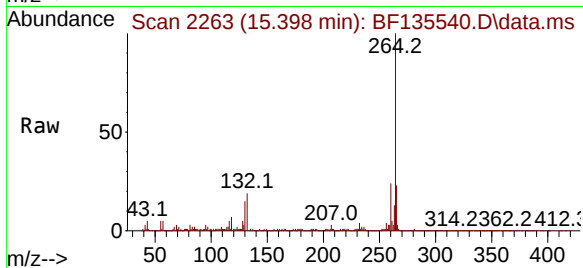
NB-08-092923

Tgt Ion:264	Resp: 26243
Ion Ratio	Lower Upper
264	100
260	24.2 19.8 29.6
265	22.5 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#88

Benzo(b)fluoranthene

Concen: 2.614 ng m

RT: 14.974 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BF135540.D

Acq: 02 Oct 2023 21:57

Tgt Ion:252	Resp: 37140
Ion Ratio	Lower Upper
252	100
253	34.3 17.2 25.8#
125	16.7 7.1 10.7#

