

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135617.D
 Acq On : 06 Oct 2023 00:28
 Operator : CG\JU
 Sample : 04702-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-100223

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 03:50:21 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	93334	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	329725	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	137228	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	224848	20.000	ng	0.00
76) Chrysene-d12	13.927	240	177308	20.000	ng	0.00
86) Perylene-d12	15.392	264	144593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	45932	8.004	ng	0.01
7) Phenol-d6	6.398	99	53717	7.362	ng	0.01
23) Nitrobenzene-d5	7.304	82	33758	5.562	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	9069	6.650	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	63615	6.994	ng	0.00
79) Terphenyl-d14	12.857	244	52727	4.610	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.292	178	24059	2.262	ng	98
75) Fluoranthene	12.486	202	40709	3.674	ng	98
78) Pyrene	12.715	202	40915	2.424	ng	98
88) Benzo(b)fluoranthene	14.968	252	19147m	2.446	ng	

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

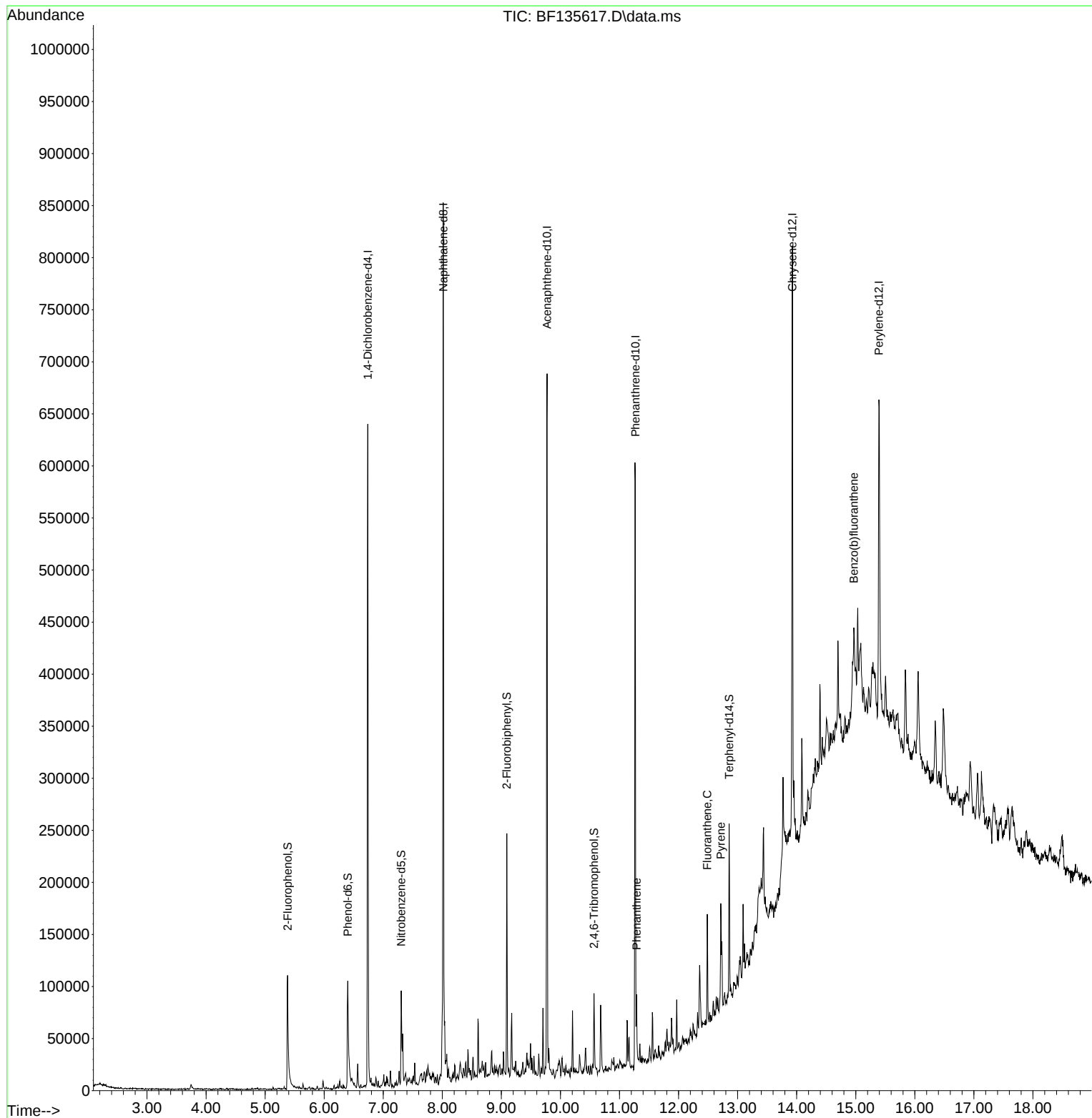
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
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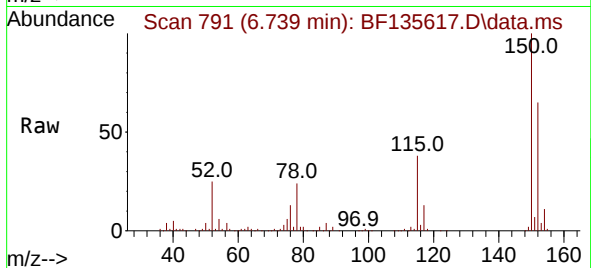
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

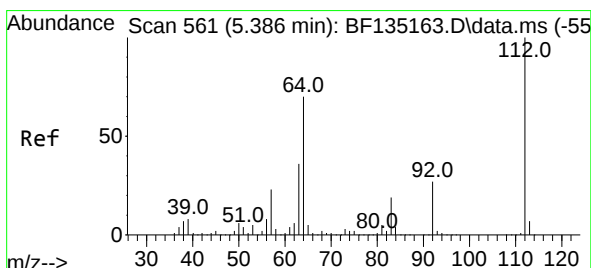
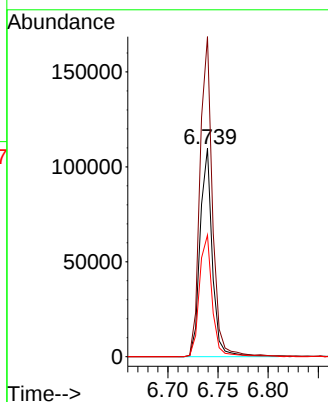
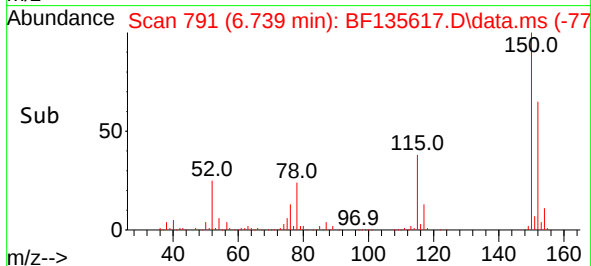
Instrument :
BNA_F
ClientSampleId :
OK-02-100223



Tgt Ion:152 Resp: 93334
Ion Ratio Lower Upper
152 100
150 153.6 127.8 191.6
115 58.4 49.8 74.8

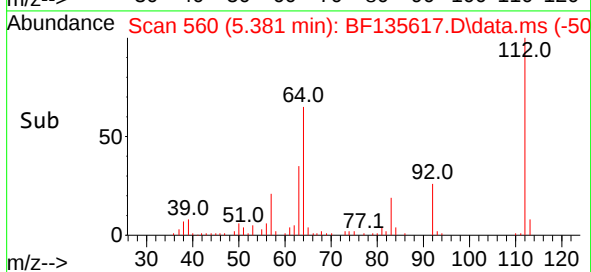
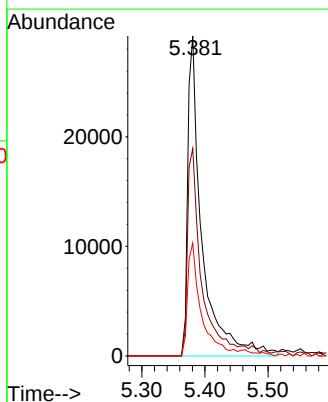
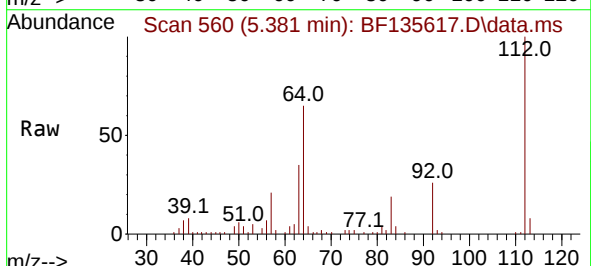
Manual Integrations
APPROVED

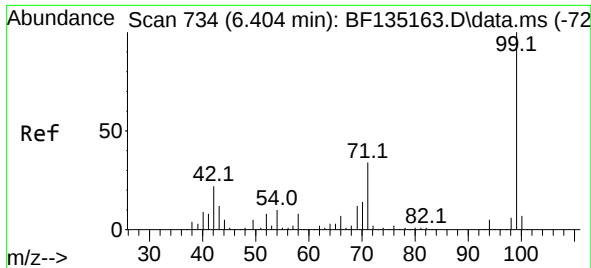
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#5
2-Fluorophenol
Concen: 8.004 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

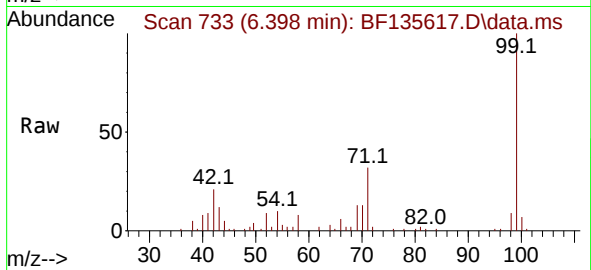
Tgt Ion:112 Resp: 45932
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 35.3 29.0 43.6





#7
Phenol-d6
Concen: 7.362 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

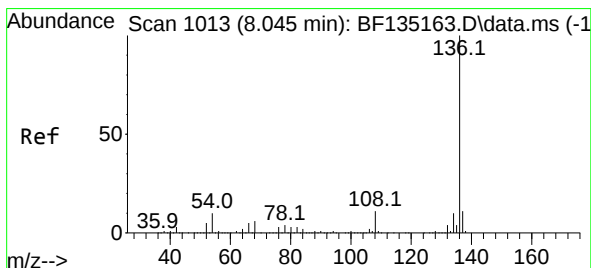
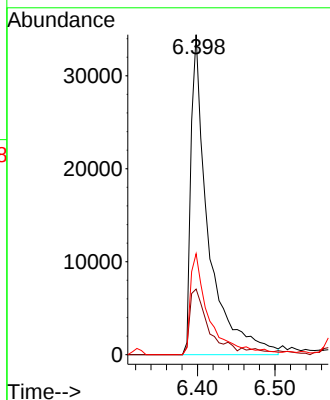
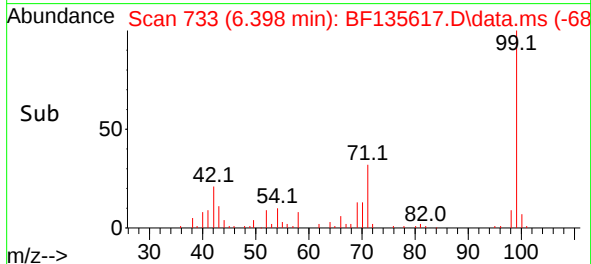
Instrument :
BNA_F
ClientSampleId :
OK-02-100223



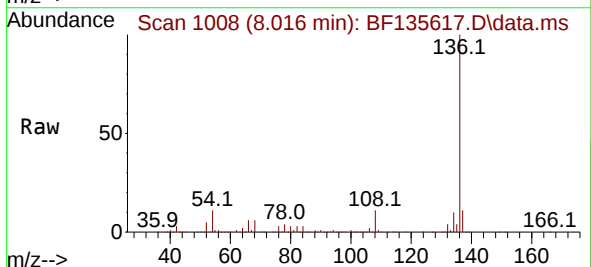
Tgt Ion: 99 Resp: 5371
Ion Ratio Lower Upper
99 100
42 20.5 17.9 26.9
71 31.5 27.0 40.6

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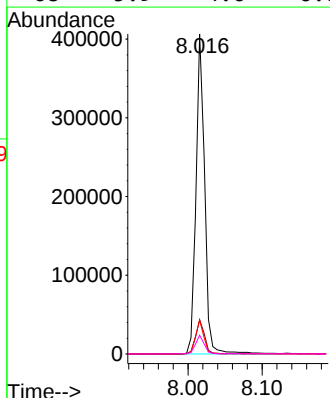
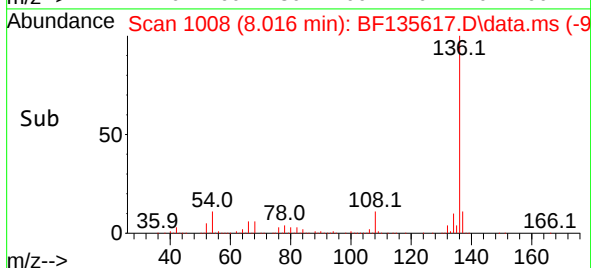
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28



Tgt Ion:136 Resp: 329725
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.6 7.7 11.5
68 5.9 4.6 6.8





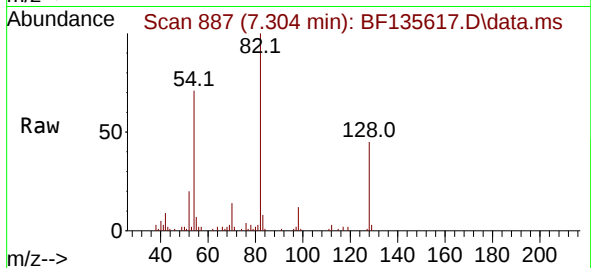
#23
Nitrobenzene-d5
Concen: 5.562 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Instrument :

BNA_F

ClientSampleId :

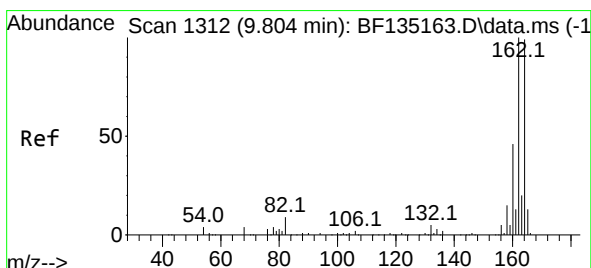
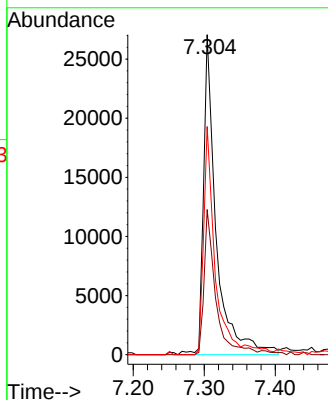
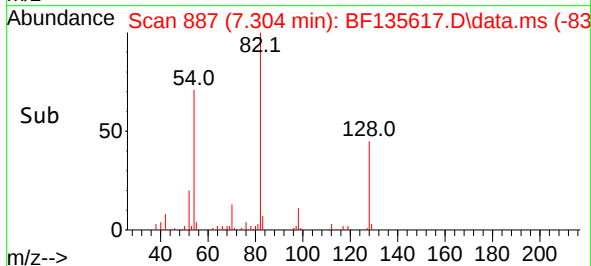
OK-02-100223



Tgt Ion: 82 Resp: 33758
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.6
54 71.3 50.6 76.0

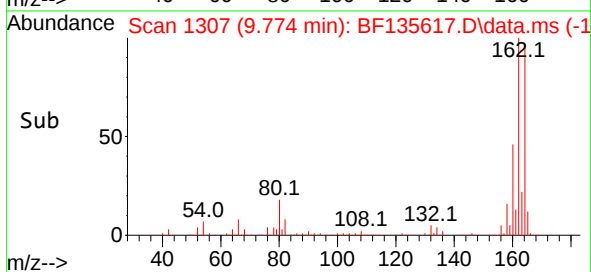
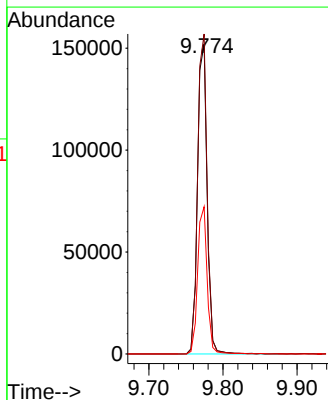
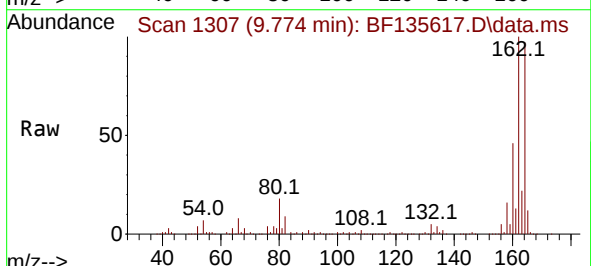
Manual Integrations
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Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

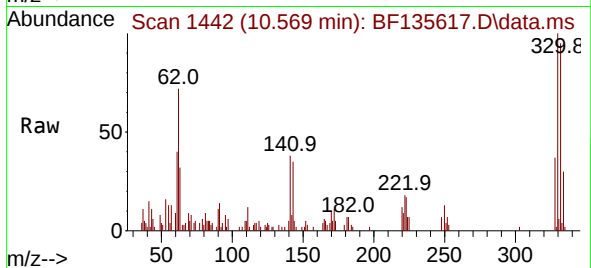
Tgt Ion:164 Resp: 137228
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.4
160 47.5 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 6.650 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

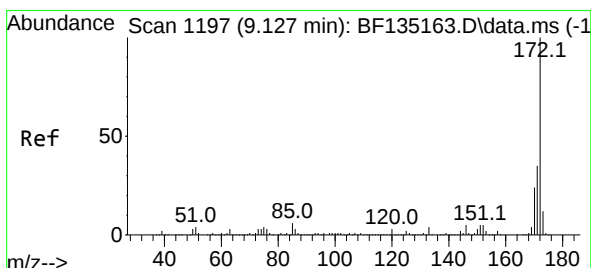
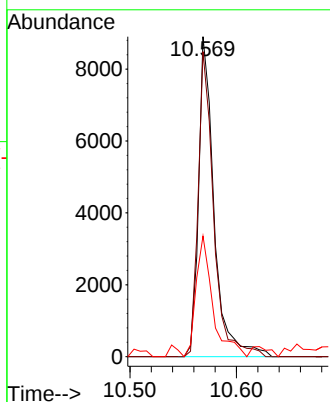
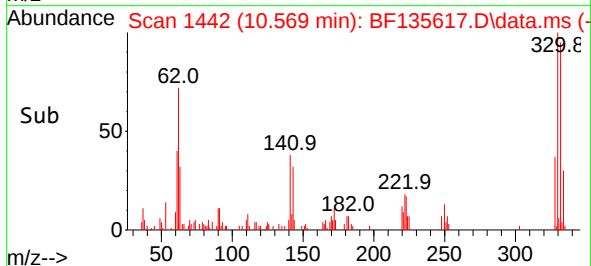
Instrument :
BNA_F
ClientSampleId :
OK-02-100223



Tgt Ion: 330 Resp: 906
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 40.3 25.8 38.8

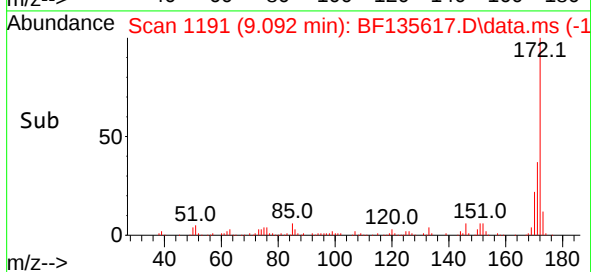
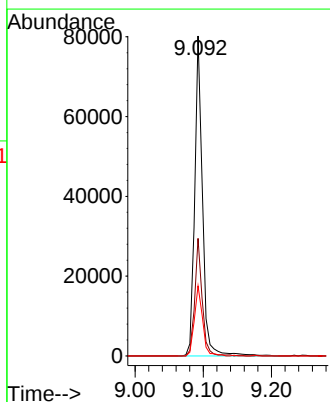
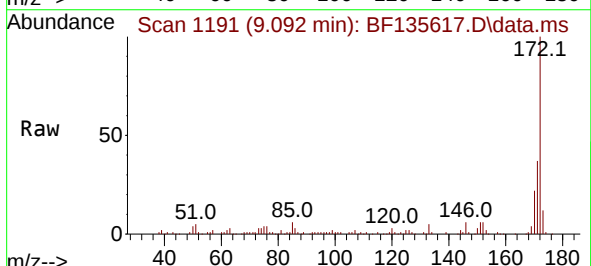
Manual Integrations
APPROVED

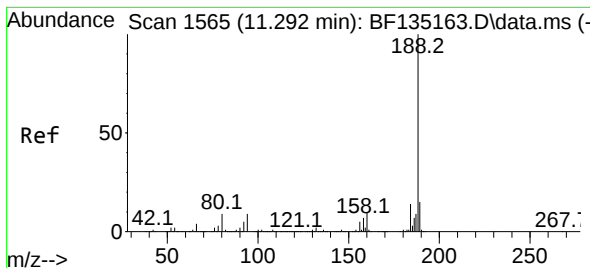
Reviewed By : Yogesh Patel 10/06/2023
Supervised By : mohammad ahmed 10/07/2023



#45
2-Fluorobiphenyl
Concen: 6.994 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion: 172 Resp: 63615
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 21.9 19.0 28.4





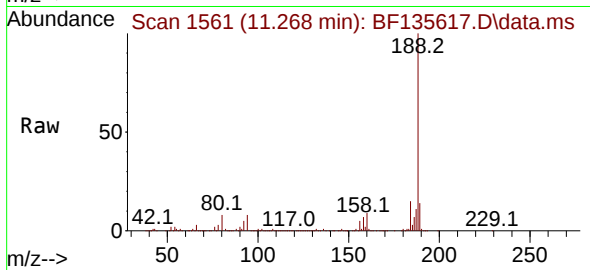
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Instrument :

BNA_F

ClientSampleId :

OK-02-100223



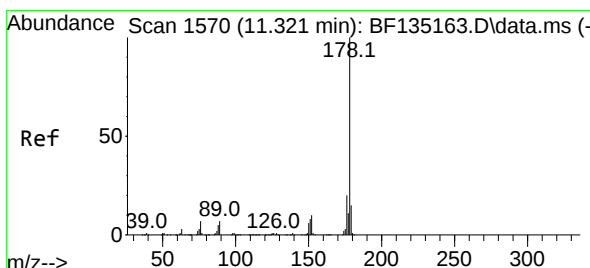
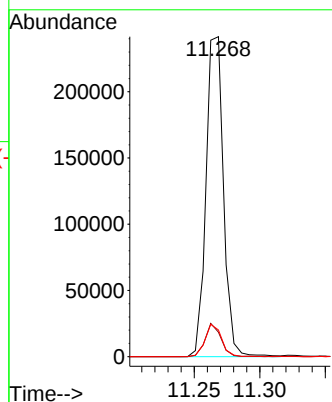
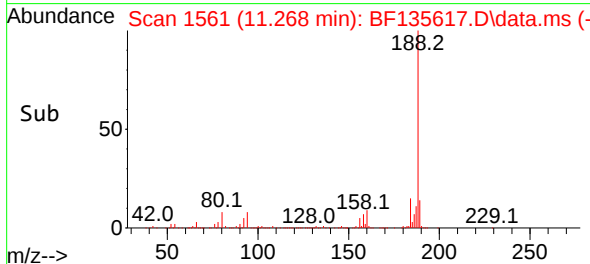
Tgt Ion:188 Resp: 22484
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.3 7.5 11.3

Manual Integrations

APPROVED

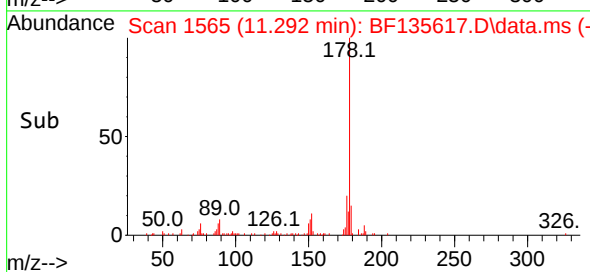
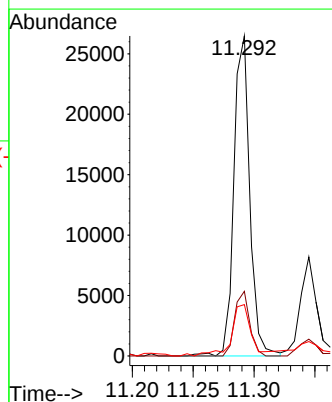
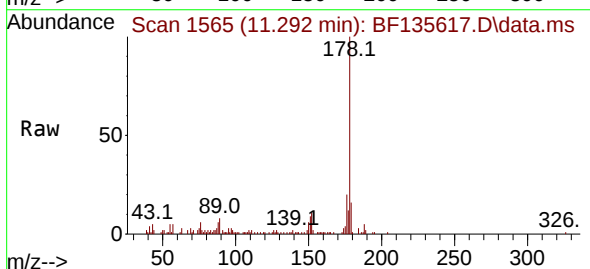
Reviewed By :Yogesh Patel 10/06/2023

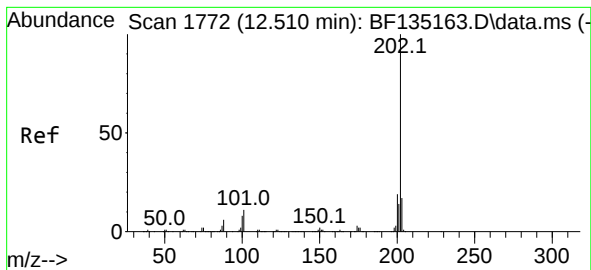
Supervised By :mohammad ahmed 10/07/2023



#71
Phenanthrene
Concen: 2.262 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF135617.D
Acq: 06 Oct 2023 00:28

Tgt Ion:178 Resp: 24059
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.1 12.0 18.0





#75

Fluoranthene

Concen: 3.674 ng

RT: 12.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Instrument :

BNA_F

ClientSampleId :

OK-02-100223

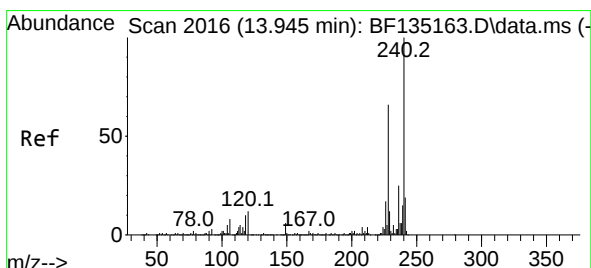
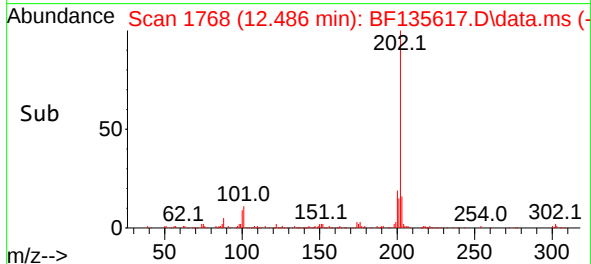
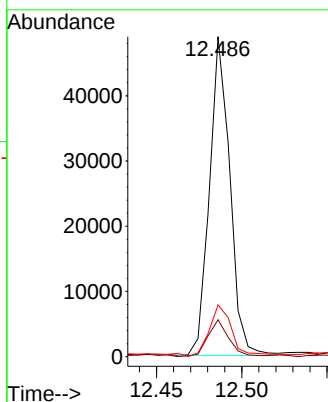
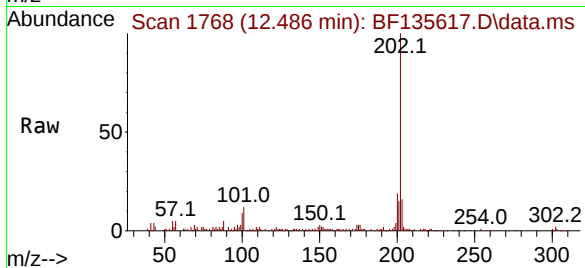
Tgt Ion:202	Resp:	40709
Ion Ratio	Lower	Upper
202	100	
101	11.5	0.0 31.3
203	16.2	0.0 37.4

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

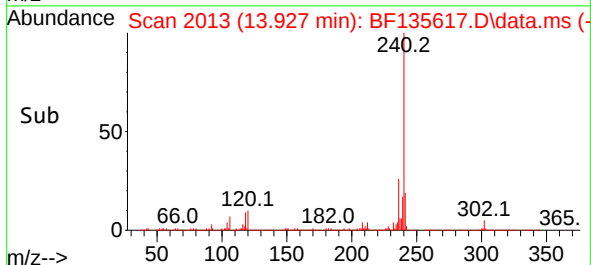
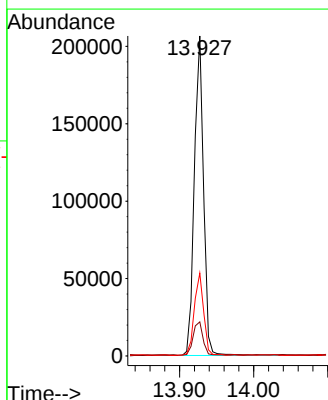
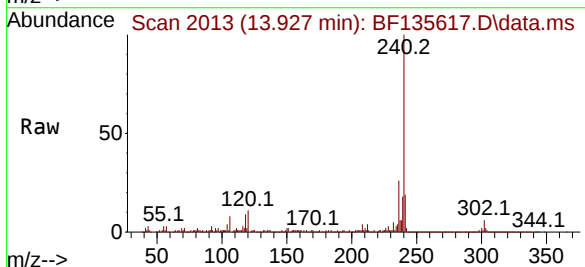
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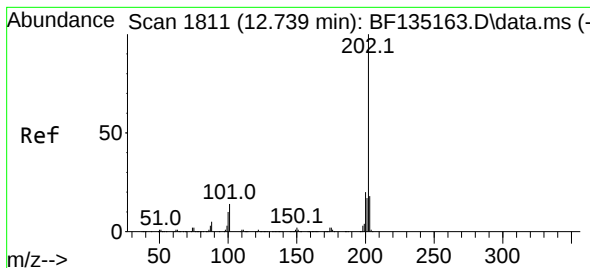
Delta R.T. -0.000 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Tgt Ion:240	Resp:	177308
Ion Ratio	Lower	Upper
240	100	
120	10.6	9.4 14.2
236	25.9	19.8 29.8





#78

Pyrene

Concen: 2.424 ng

RT: 12.715 min Scan# 1807

Delta R.T. -0.000 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Instrument :

BNA_F

ClientSampleId :

OK-02-100223

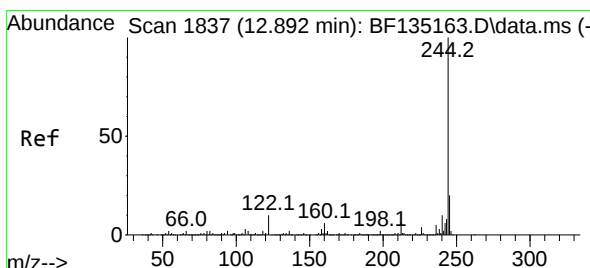
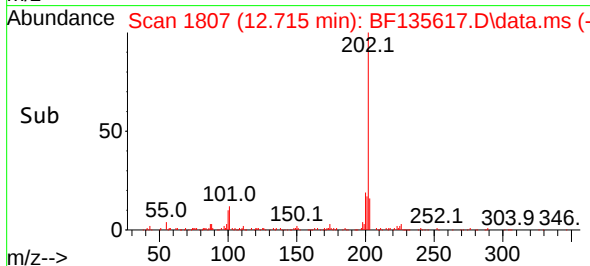
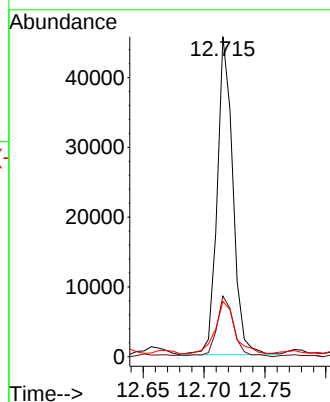
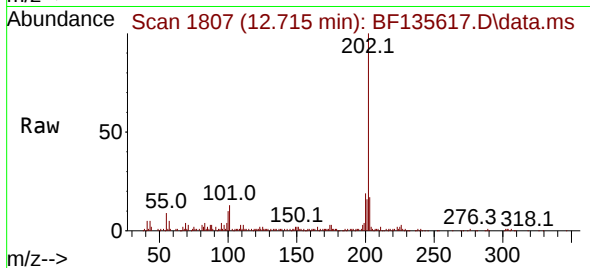
Tgt Ion:	202	Resp:	4091
Ion Ratio	Lower	Upper	
202	100		
200	19.0	16.2	24.2
203	17.2	14.2	21.4

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#79

Terphenyl-d14

Concen: 4.610 ng

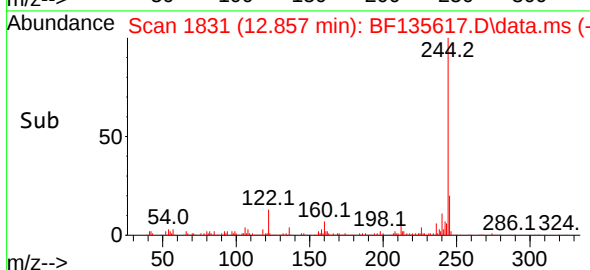
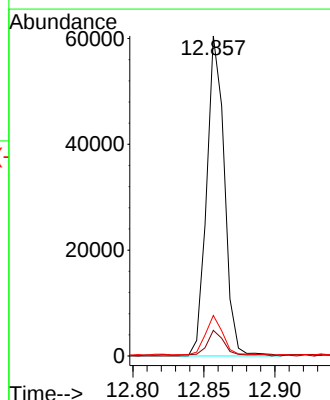
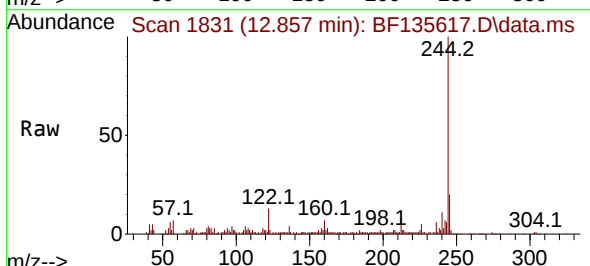
RT: 12.857 min Scan# 1831

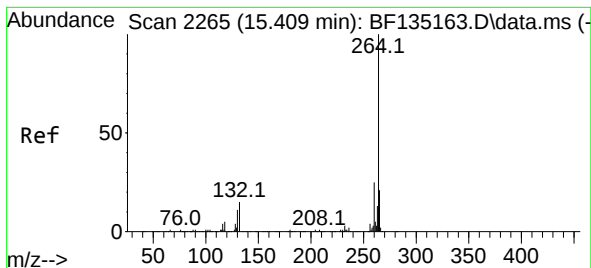
Delta R.T. -0.006 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Tgt Ion:	244	Resp:	52727
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.1	7.7#
122	12.7	7.9	11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Instrument :

BNA_F

ClientSampleId :

OK-02-100223

Tgt Ion:264 Resp: 14459

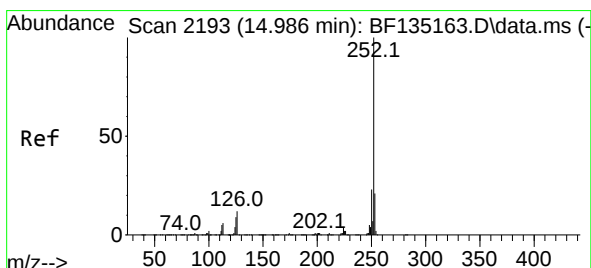
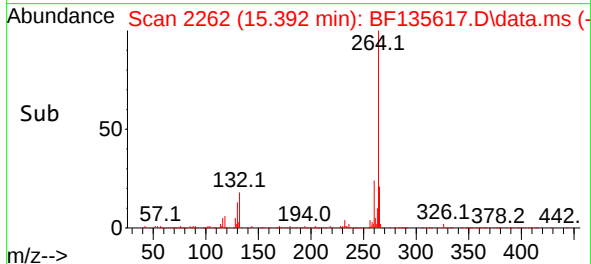
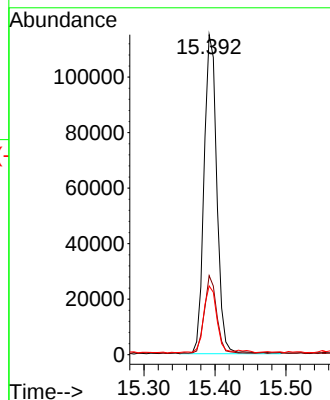
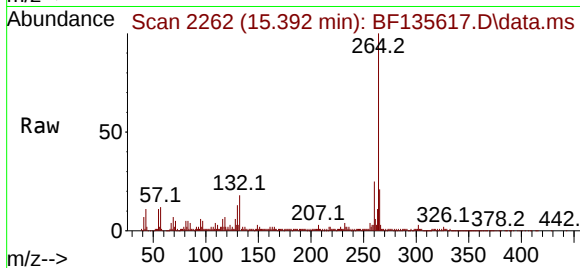
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.5	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#88

Benzo(b)fluoranthene

Concen: 2.446 ng m

RT: 14.968 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135617.D

Acq: 06 Oct 2023 00:28

Tgt Ion:252 Resp: 19147

Ion	Ratio	Lower	Upper
252	100		
253	34.4	17.2	25.8#
125	32.0	7.1	10.7#

