

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140520.D
 Acq On : 21 Nov 2024 00:24
 Operator : RC/JU
 Sample : P4887-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-760

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 02:28:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69026	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	234123	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112914	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	223703	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191311	20.000	ng	0.00
86) Perylene-d12	15.533	264	143350	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	257988	63.814	ng	0.01
7) Phenol-d6	6.510	99	316387	57.763	ng	0.00
23) Nitrobenzene-d5	7.434	82	191054	42.518	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	75216	66.987	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	346653	49.353	ng	0.00
79) Terphenyl-d14	12.980	244	453816	41.175	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.616	202	50096	4.249	ng	99
78) Pyrene	12.845	202	51556	3.151	ng	98
81) Benzo(a)anthracene	14.033	228	28835	2.293	ng	96
83) Chrysene	14.069	228	25457m	2.219	ng	
88) Benzo(b)fluoranthene	15.098	252	23632m	2.520	ng	
90) Benzo(a)pyrene	15.469	252	16937	2.326	ng	# 86

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

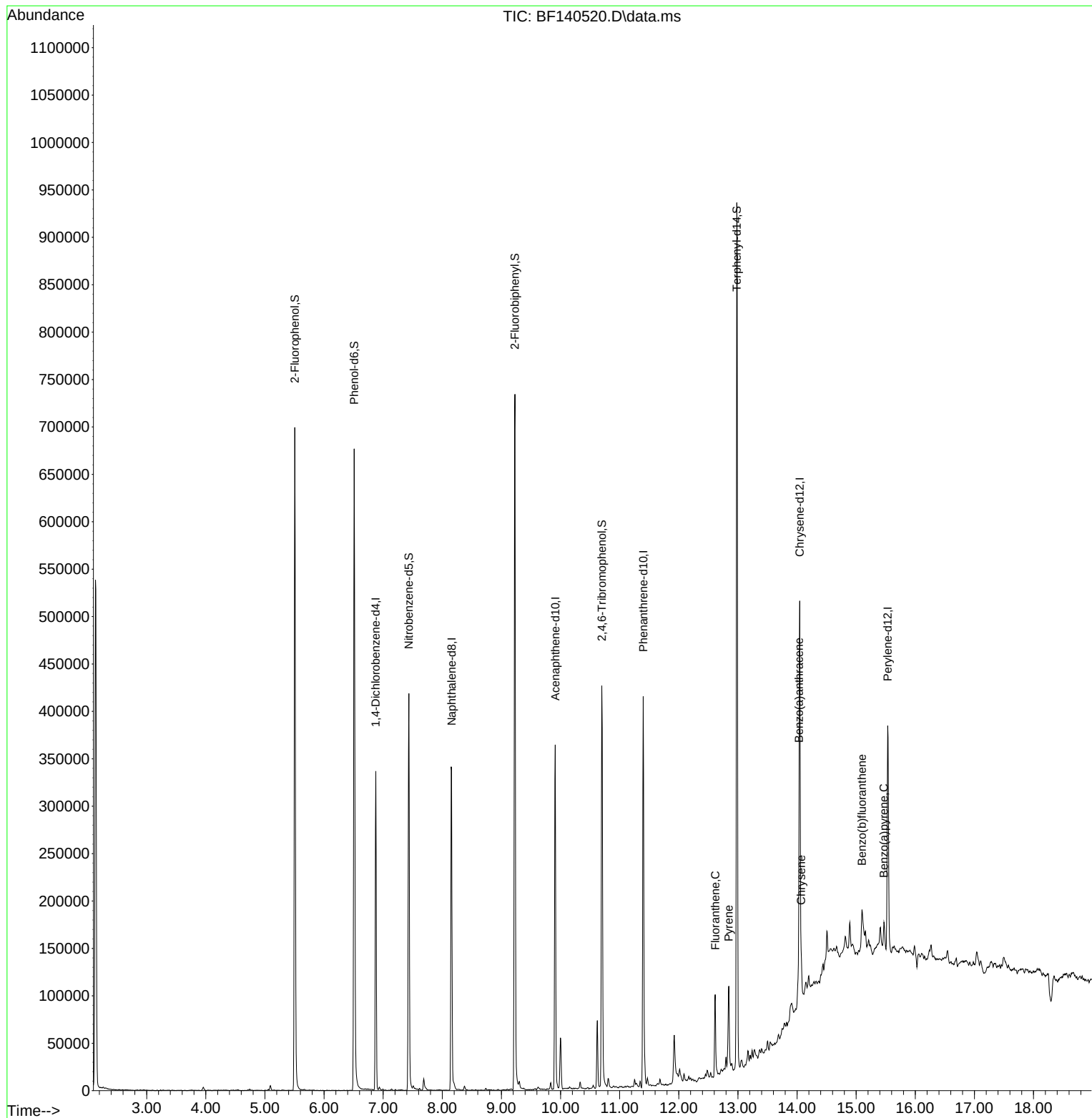
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140520.D
Acq On : 21 Nov 2024 00:24
Operator : RC/JU
Sample : P4887-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

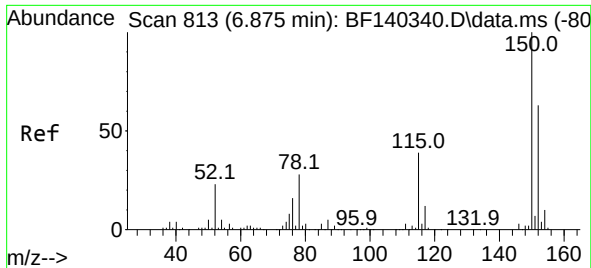
Instrument :
BNA_F
ClientSampleId :
MH-760

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

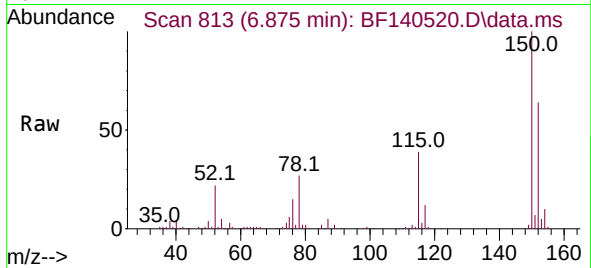
Quant Time: Nov 21 02:28:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140520.D
 Acq: 21 Nov 2024 00:24

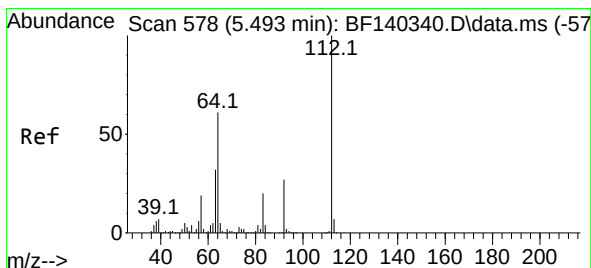
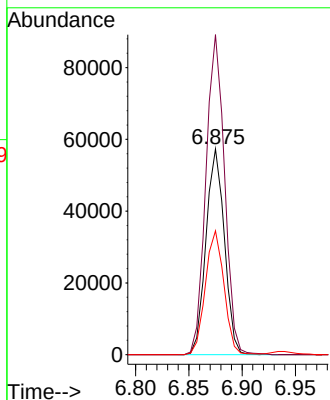
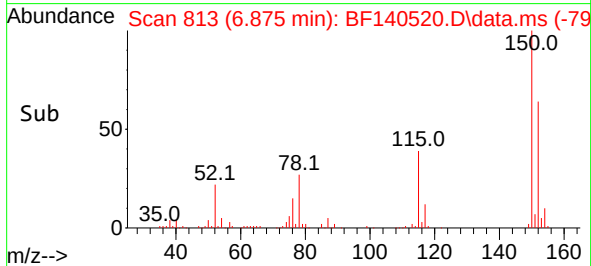
Instrument :
 BNA_F
 ClientSampleId :
 MH-760



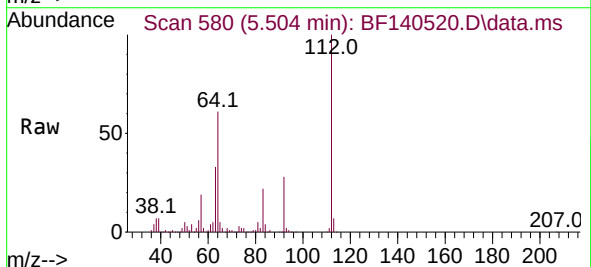
Tgt Ion:152 Resp: 69020
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.0
 115 60.2 47.4 71.2

Manual Integrations
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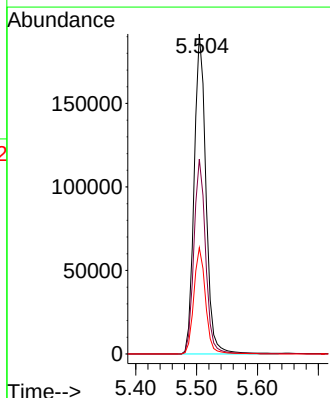
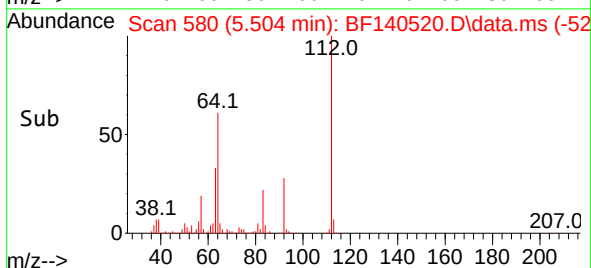
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

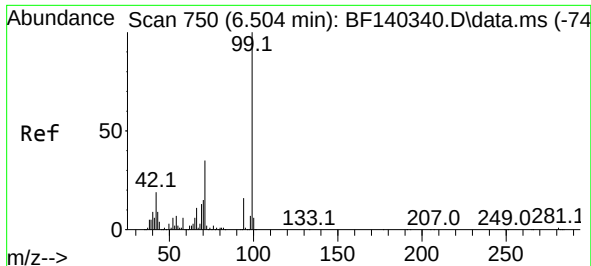


#5
 2-Fluorophenol
 Concen: 63.814 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF140520.D
 Acq: 21 Nov 2024 00:24



Tgt Ion:112 Resp: 257988
 Ion Ratio Lower Upper
 112 100
 64 60.9 49.2 73.8
 63 33.2 25.6 38.4





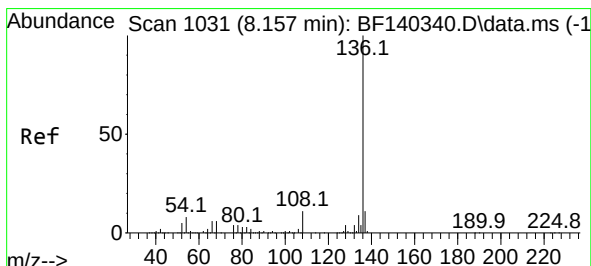
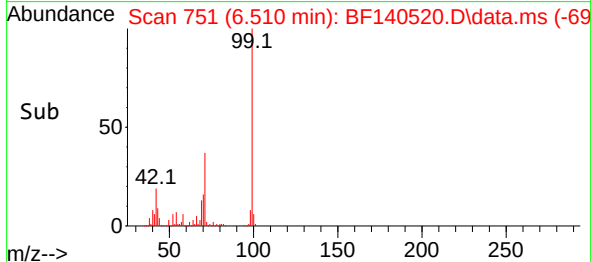
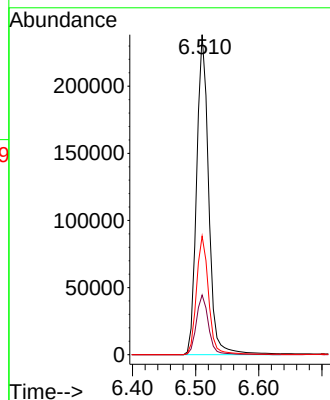
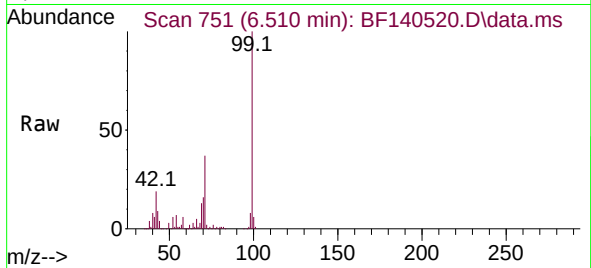
#7
Phenol-d6
Concen: 57.763 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :
MH-760

Tgt Ion: 99 Resp: 31638
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 37.1 27.9 41.9

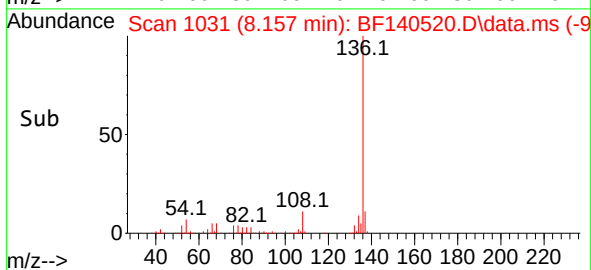
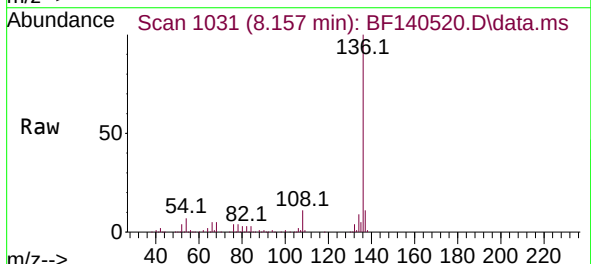
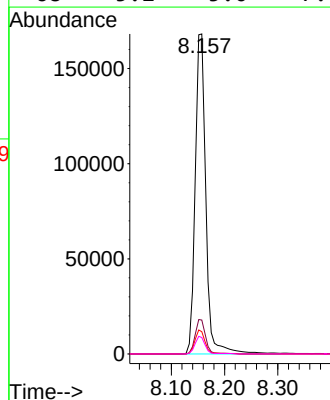
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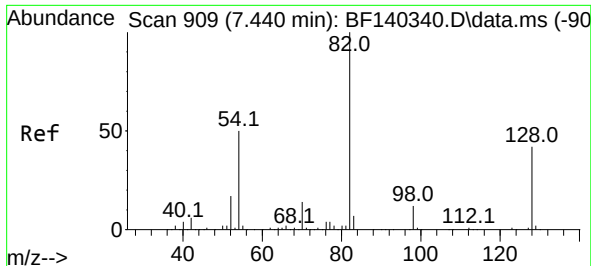
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

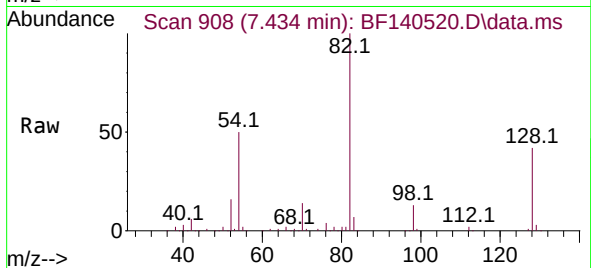
Tgt Ion:136 Resp: 234123
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.0 6.5 9.7
68 5.2 5.0 7.6





#23
Nitrobenzene-d5
Concen: 42.518 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

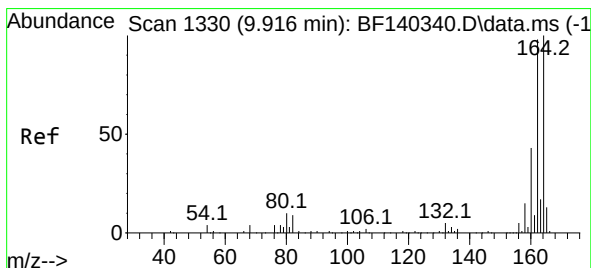
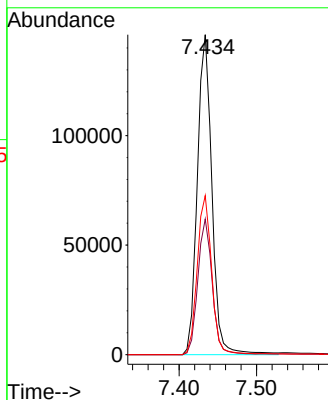
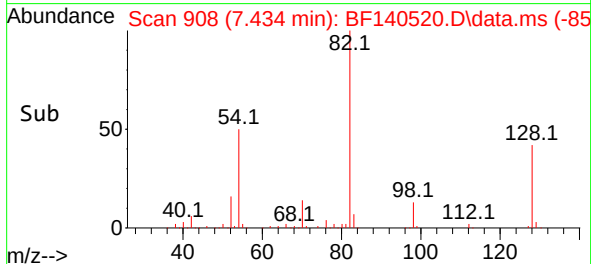
Instrument :
BNA_F
ClientSampleId :
MH-760



Tgt Ion: 82 Resp: 191054
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 49.7 39.8 59.8

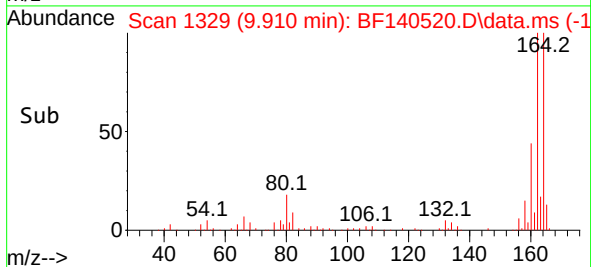
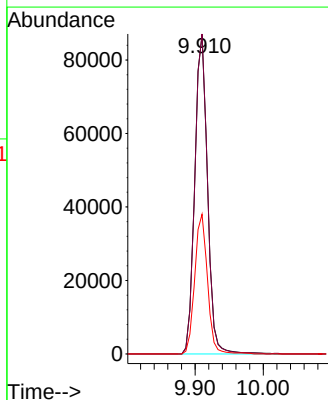
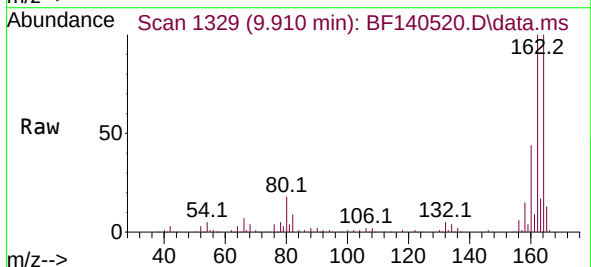
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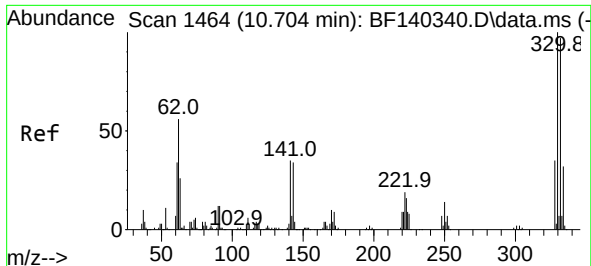
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion:164 Resp: 112914
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 43.8 35.4 53.0





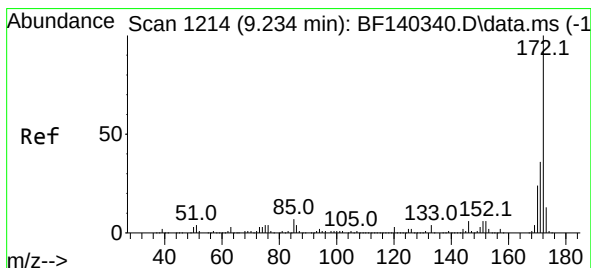
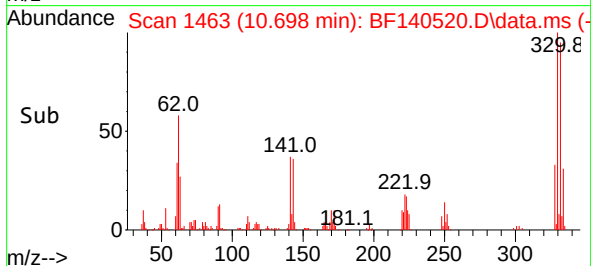
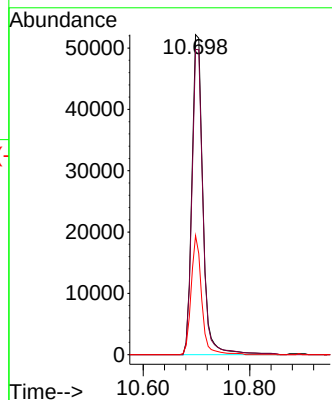
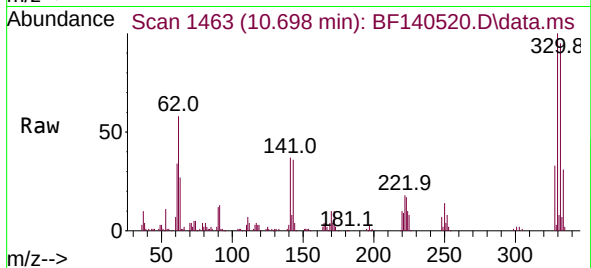
#42
2,4,6-Tribromophenol
Concen: 66.987 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :
MH-760

Tgt Ion: 330 Resp: 75210
Ion Ratio Lower Upper
330 100
332 96.2 75.9 113.9
141 35.4 26.9 40.3

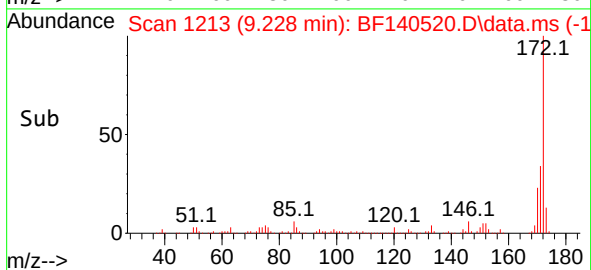
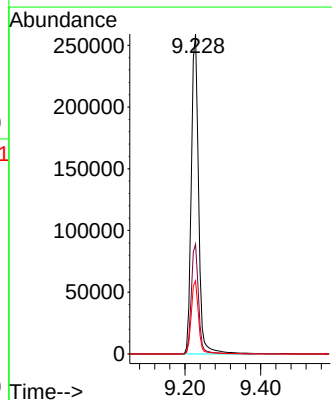
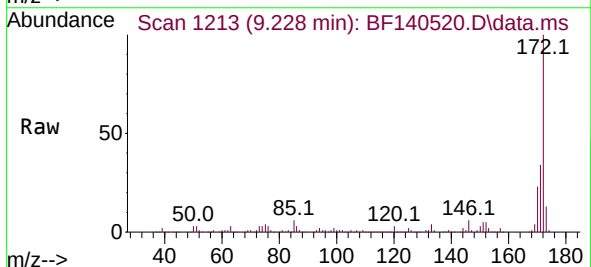
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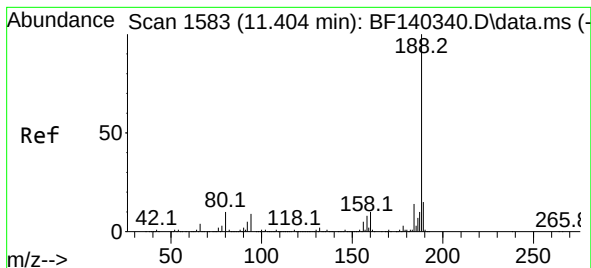
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#45
2-Fluorobiphenyl
Concen: 49.353 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion: 172 Resp: 346653
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.8 19.1 28.7





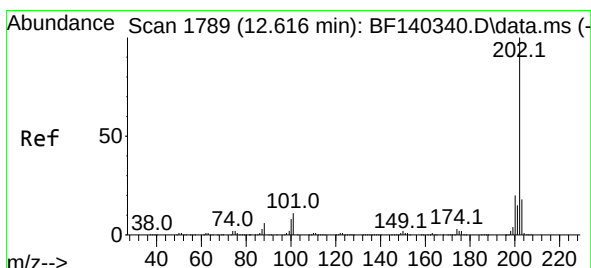
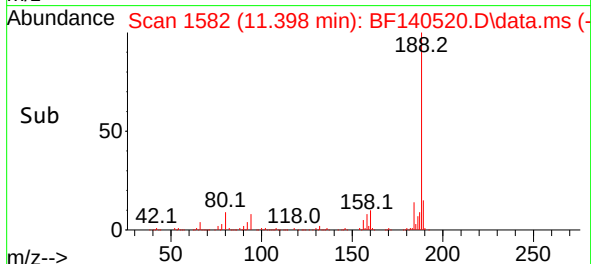
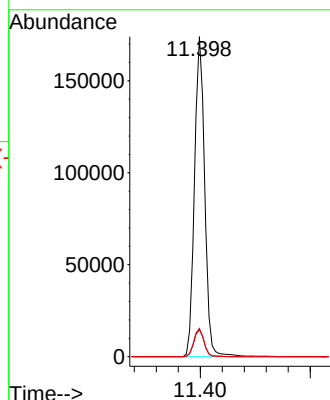
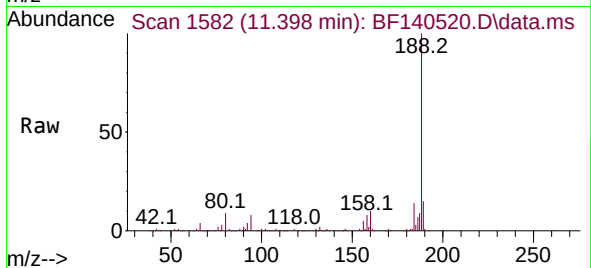
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :
MH-760

Tgt Ion:188 Resp: 22370
Ion Ratio Lower Upper
188 100
94 8.4 7.6 11.4
80 8.8 8.0 12.0

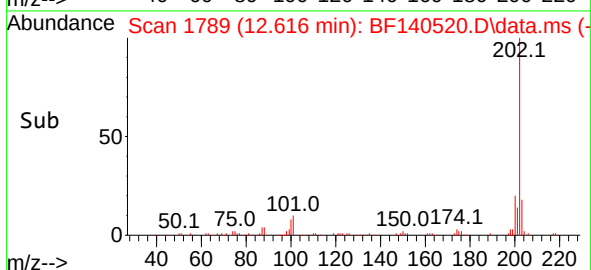
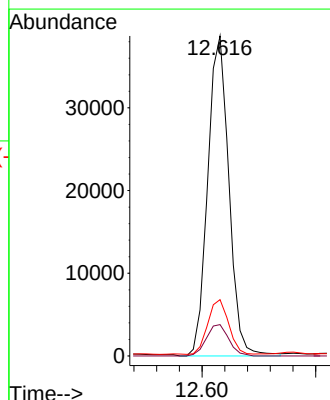
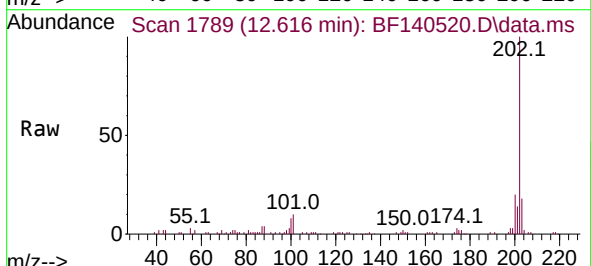
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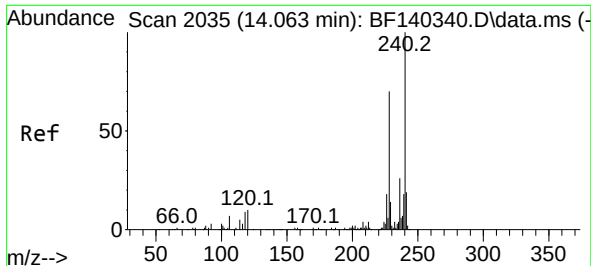
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#75
Fluoranthene
Concen: 4.249 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion:202 Resp: 50096
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 17.6 0.0 37.7





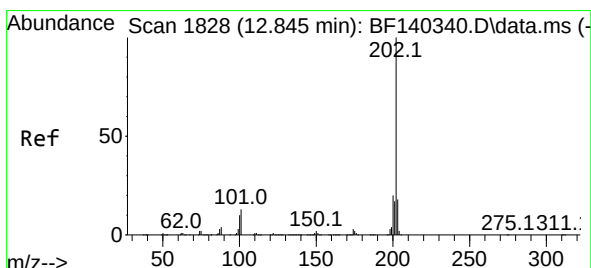
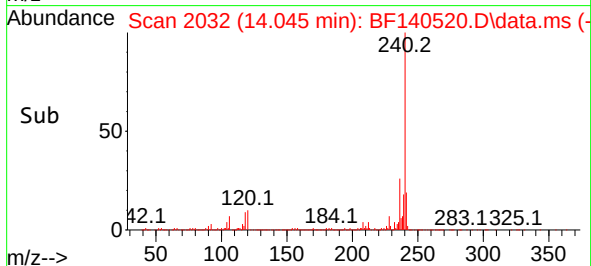
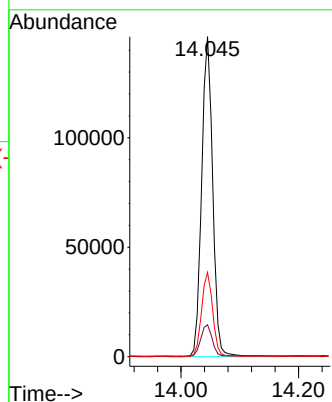
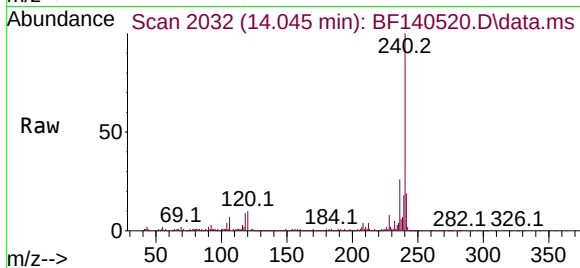
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :
MH-760

Tgt Ion:240 Resp: 19131
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.3 20.9 31.3

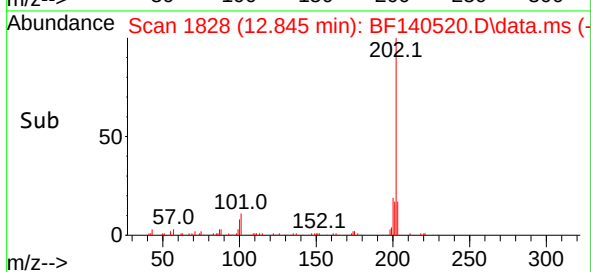
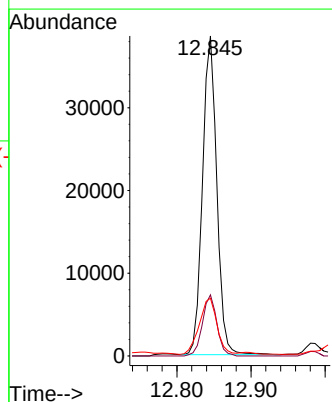
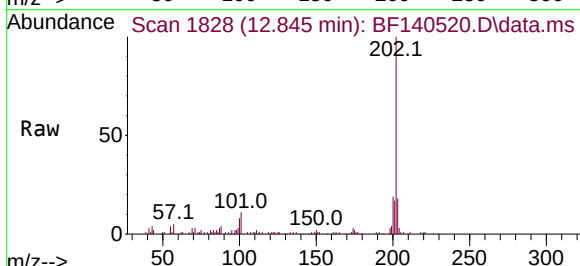
Manual Integrations
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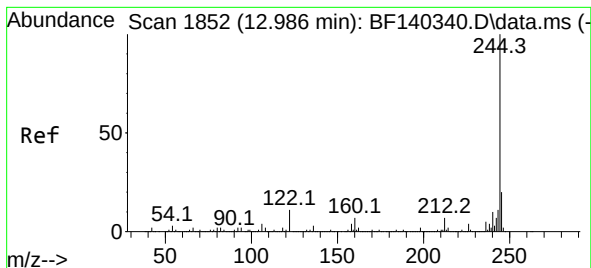
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#78
Pyrene
Concen: 3.151 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion:202 Resp: 51556
Ion Ratio Lower Upper
202 100
200 19.1 16.2 24.2
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 41.175 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

MH-760

Tgt Ion:244 Resp: 453810

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

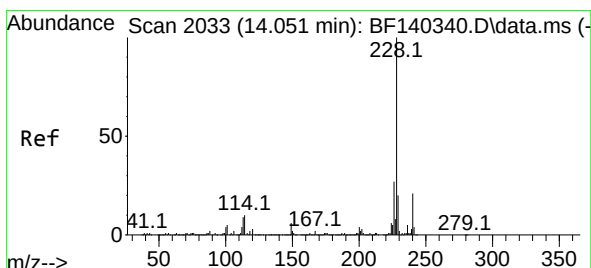
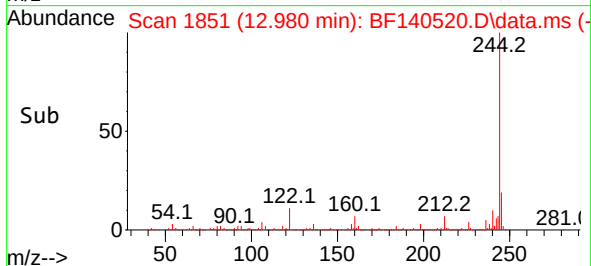
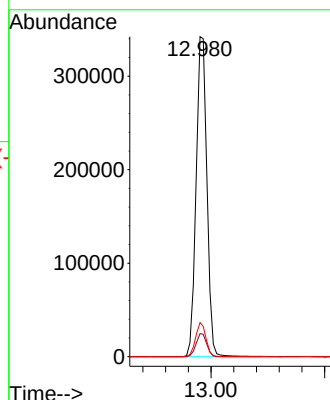
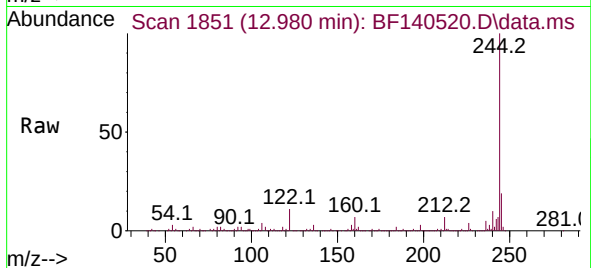
122 10.7 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#81

Benzo(a)anthracene

Concen: 2.293 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

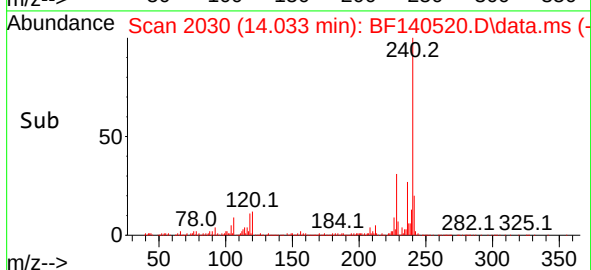
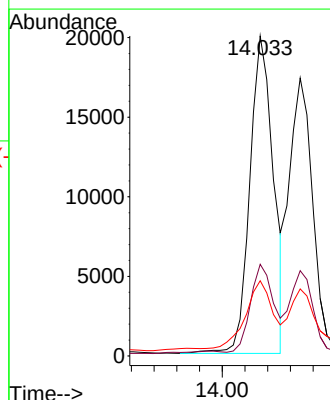
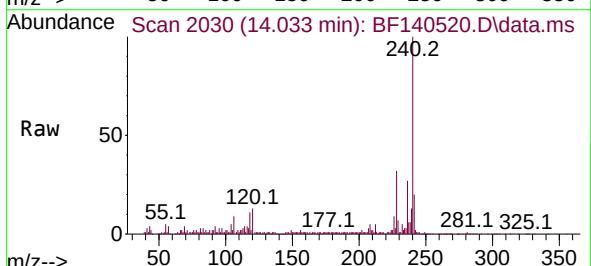
Tgt Ion:228 Resp: 28835

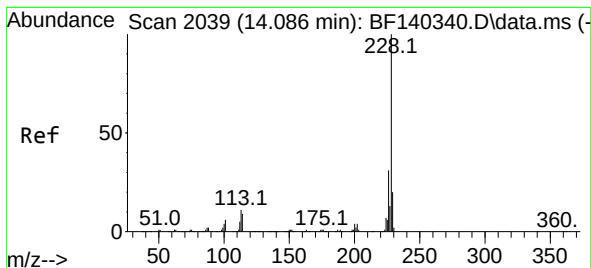
Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.4

229 23.5 15.8 23.6





#83

Chrysene

Concen: 2.219 ng m

RT: 14.069 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

MH-760

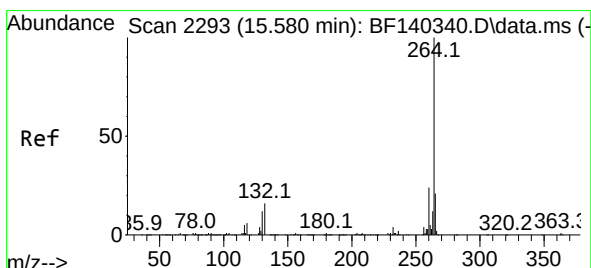
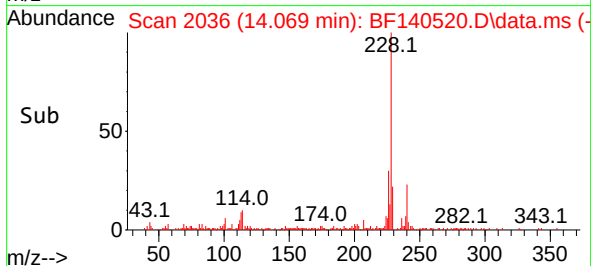
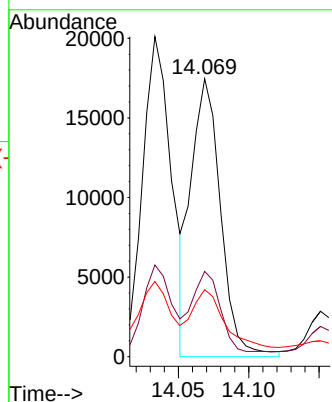
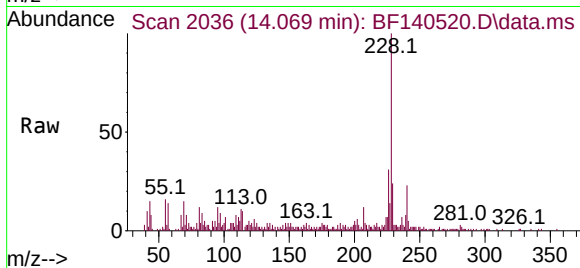
Tgt Ion:	228	Resp:	2545
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.5	36.7
229	24.1	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#86

Perylene-d12

Concen: 20.000 ng

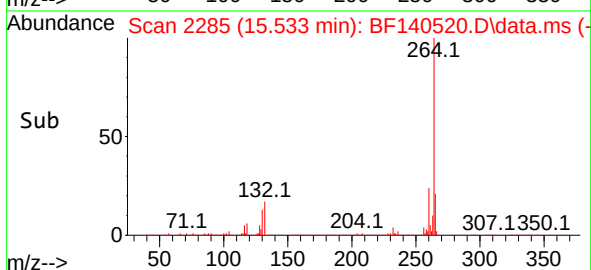
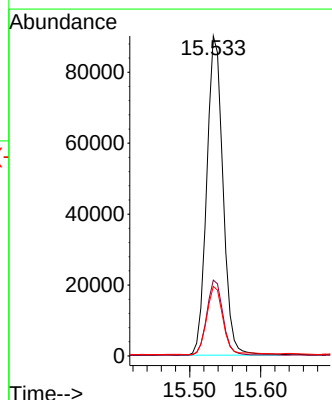
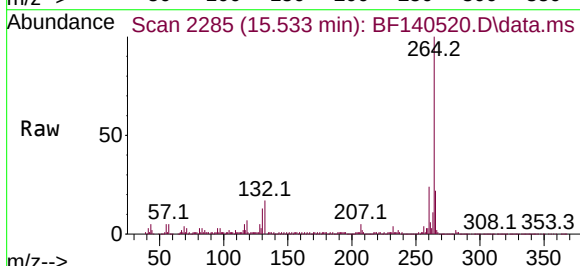
RT: 15.533 min Scan# 2285

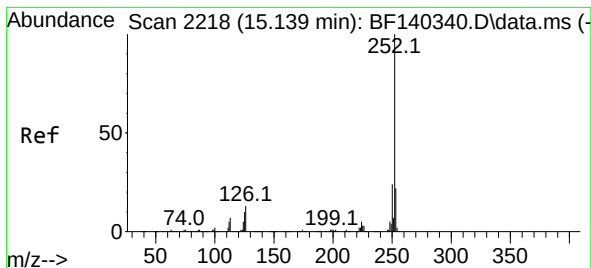
Delta R.T. -0.023 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Tgt Ion:	264	Resp:	143350
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.8	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 2.520 ng m

RT: 15.098 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

MH-760

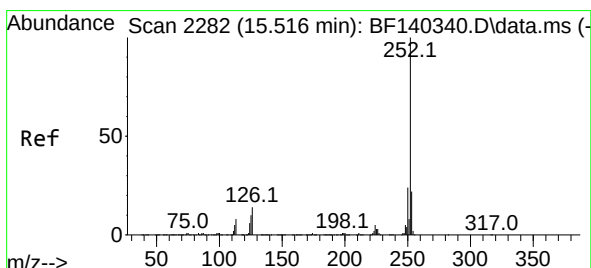
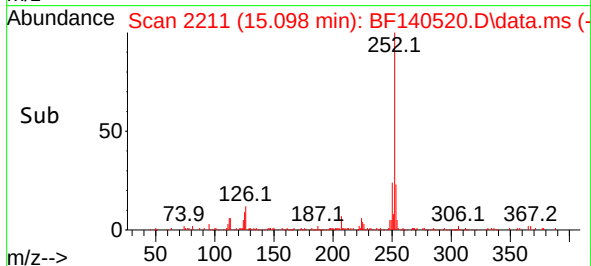
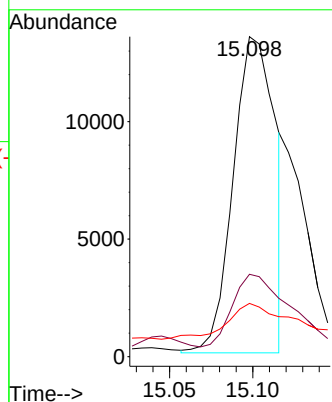
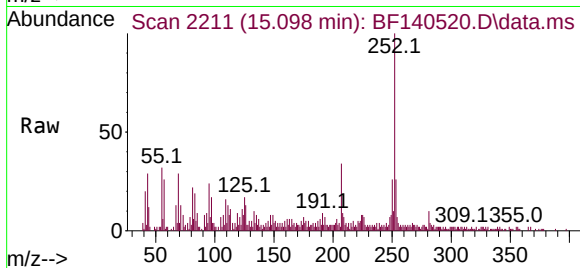
Tgt Ion:	252	Resp:	2363
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.5	26.3
125	16.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(a)pyrene

Concen: 2.326 ng

RT: 15.469 min Scan# 2274

Delta R.T. -0.023 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Tgt Ion:	252	Resp:	16937
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.8	26.6#
125	17.5	8.4	12.6#

