

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140642.D
 Acq On : 26 Nov 2024 15:22
 Operator : RC/JU
 Sample : P4951-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112124RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 16:00:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	60748	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	219263	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	116655	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	188337	20.000	ng	0.00
76) Chrysene-d12	14.045	240	135305	20.000	ng	0.00
86) Perylene-d12	15.539	264	95803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	327585	92.008	ng	0.00
7) Phenol-d6	6.504	99	422773	89.819	ng	-0.01
23) Nitrobenzene-d5	7.428	82	268788	62.704	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	102929	82.499	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	480309	61.346	ng	-0.01
79) Terphenyl-d14	12.980	244	403590	46.446	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	48232	5.328	ng	98
75) Fluoranthene	12.616	202	54795	5.575	ng	98
78) Pyrene	12.845	202	50481	4.035	ng	96
81) Benzo(a)anthracene	14.033	228	25567	2.855	ng	# 88
83) Chrysene	14.068	228	25102	3.065	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.015	149	11472	2.016	ng	# 97
88) Benzo(b)fluoranthene	15.104	252	17594m	2.924	ng	
90) Benzo(a)pyrene	15.480	252	11153	2.280	ng	# 69

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

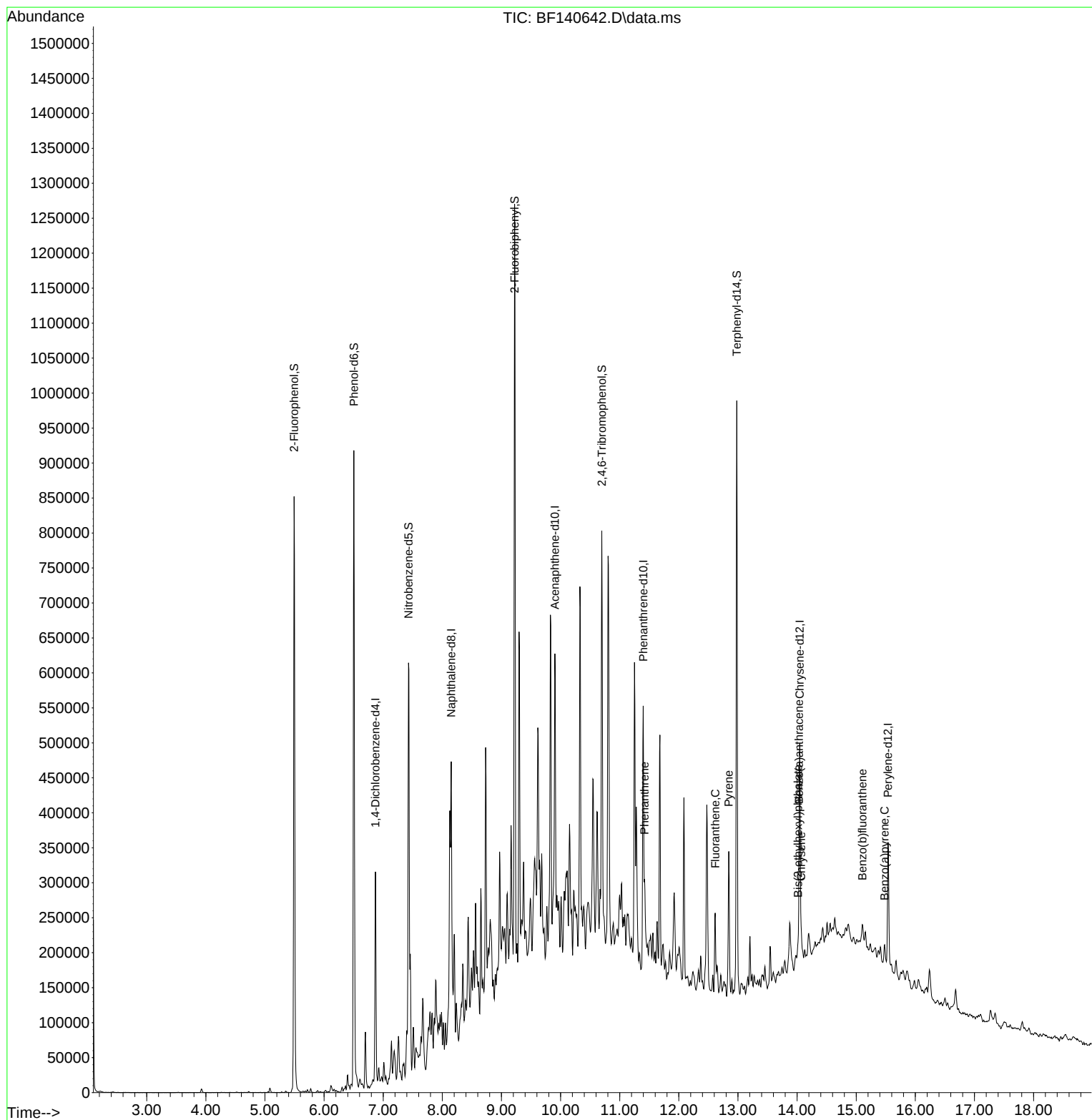
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140642.D
Acq On : 26 Nov 2024 15:22
Operator : RC/JU
Sample : P4951-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 26 16:00:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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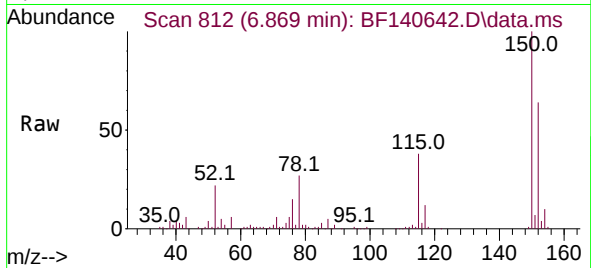
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

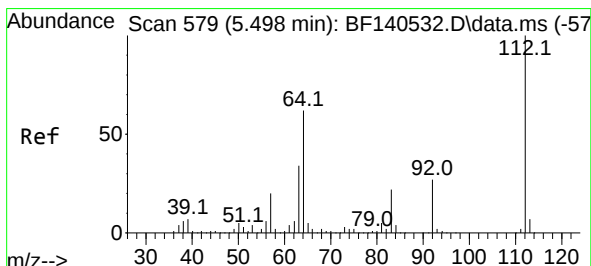
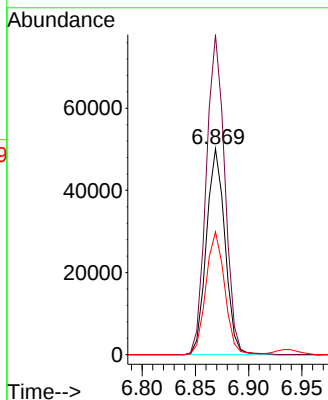
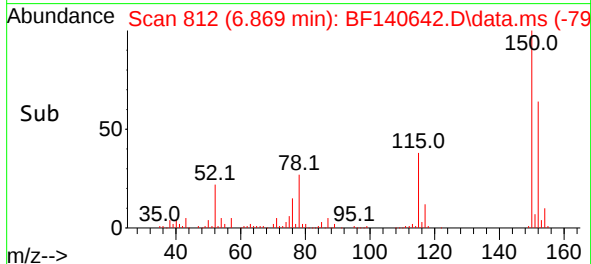
Instrument :
BNA_F
ClientSampleId :
AU-05-112124RE



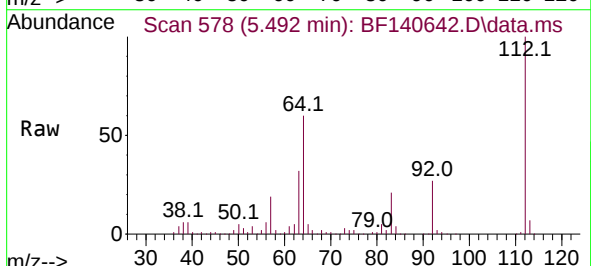
Tgt Ion:152 Resp: 60748
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 59.7 50.2 75.4

Manual Integrations
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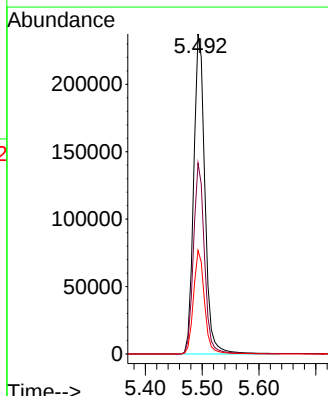
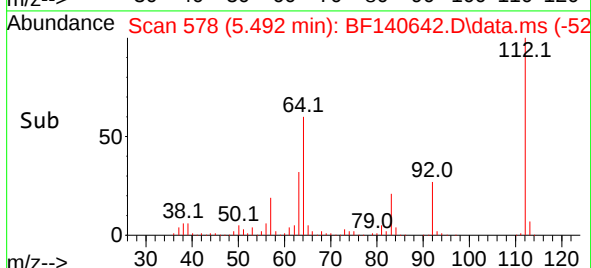
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

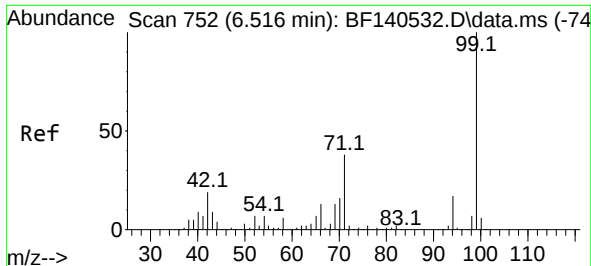


#5
2-Fluorophenol
Concen: 92.008 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22



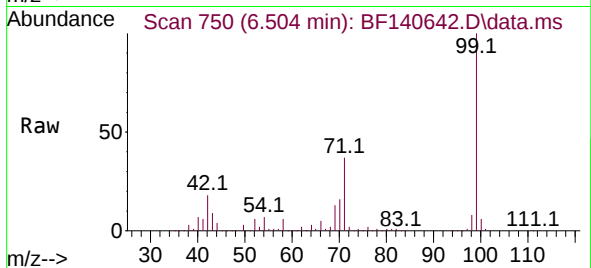
Tgt Ion:112 Resp: 327585
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 32.3 27.0 40.4





#7
Phenol-d6
Concen: 89.819 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

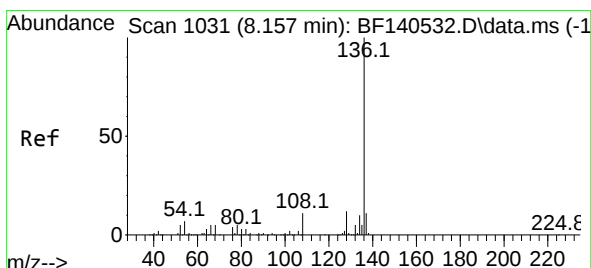
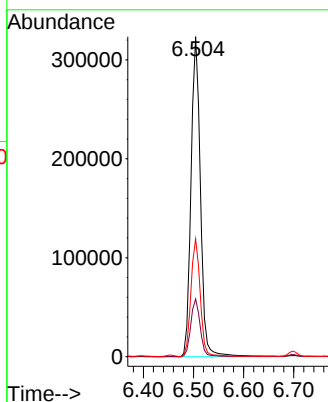
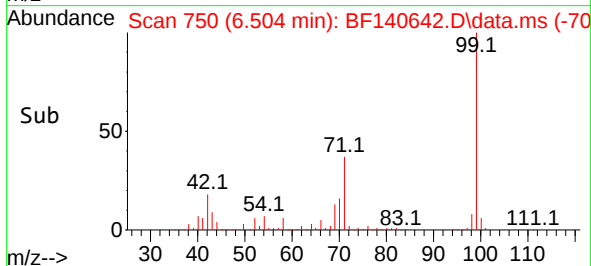
Instrument :
BNA_F
ClientSampleId :
AU-05-112124RE



Tgt Ion: 99 Resp: 42277
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.8 30.6 46.0

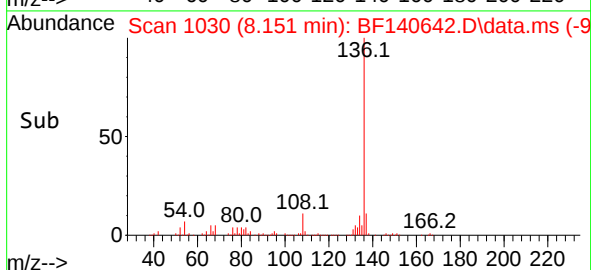
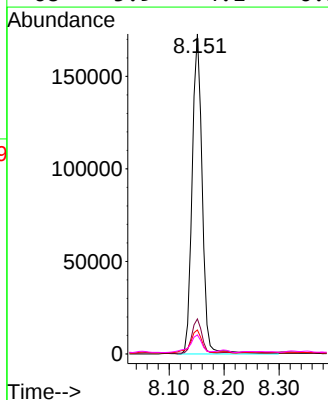
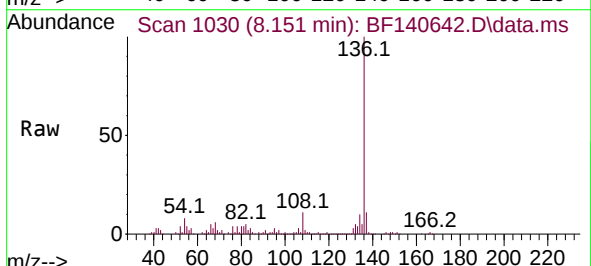
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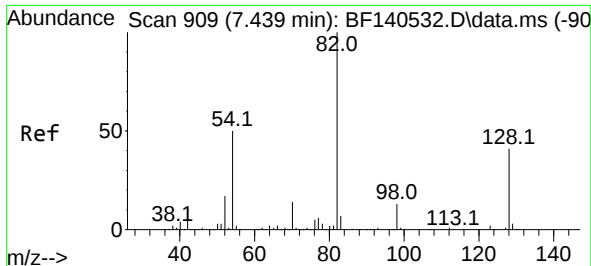
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Tgt Ion:136 Resp: 219263
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.5 5.8 8.8
68 5.9 4.1 6.1





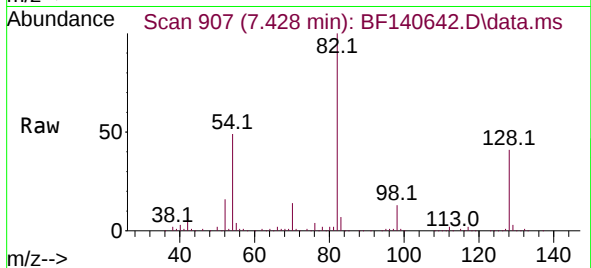
#23
Nitrobenzene-d5
Concen: 62.704 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Instrument :

BNA_F

ClientSampleId :

AU-05-112124RE

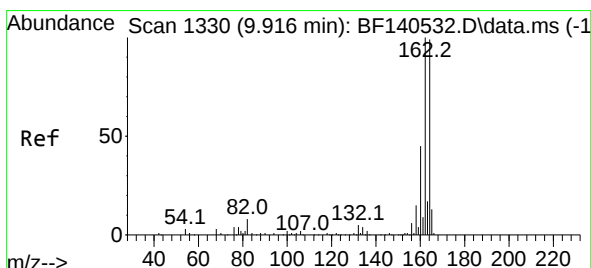
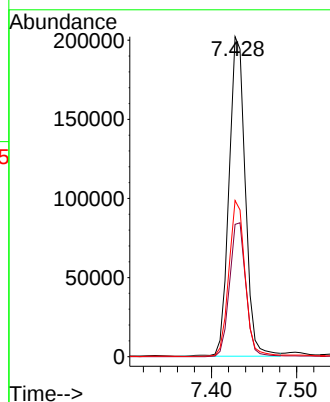
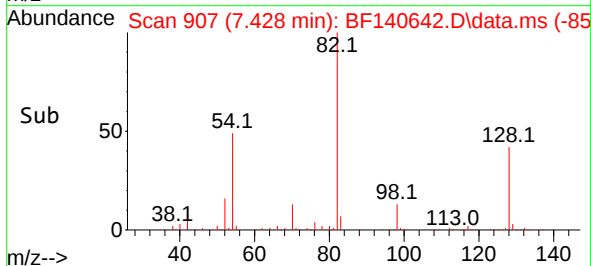


Tgt Ion: 82 Resp: 268788
Ion Ratio Lower Upper
82 100
128 41.4 33.0 49.4
54 48.8 39.5 59.3

Manual Integrations

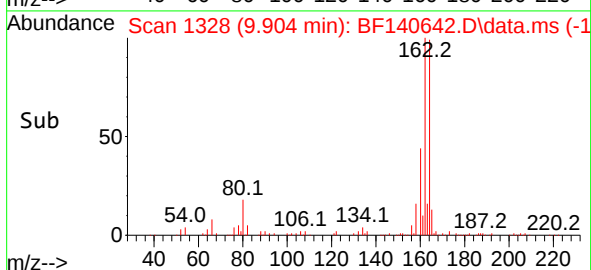
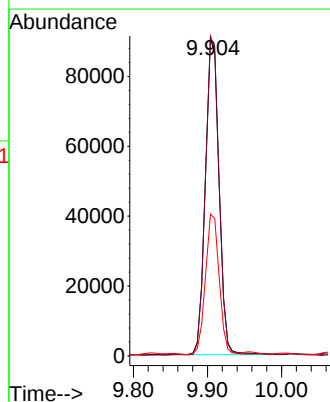
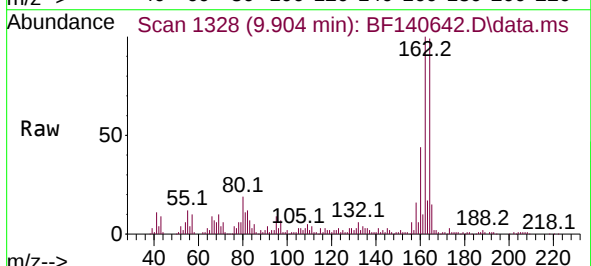
APPROVED

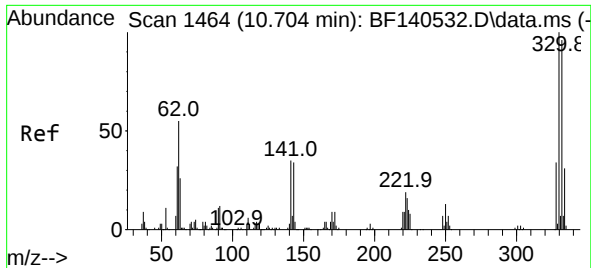
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Tgt Ion:164 Resp: 116655
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.7 36.2 54.4





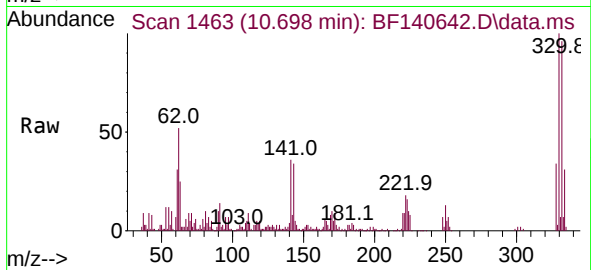
#42
2,4,6-Tribromophenol
Concen: 82.499 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Instrument :

BNA_F

ClientSampleId :

AU-05-112124RE



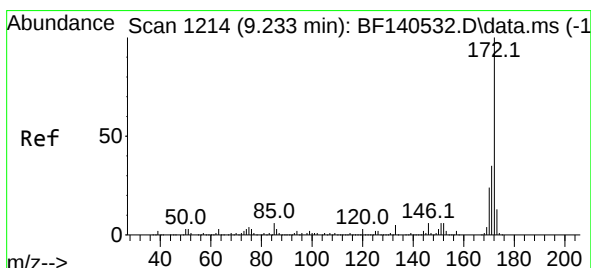
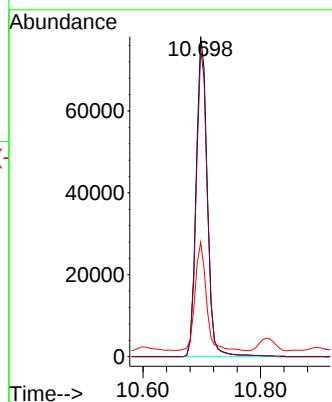
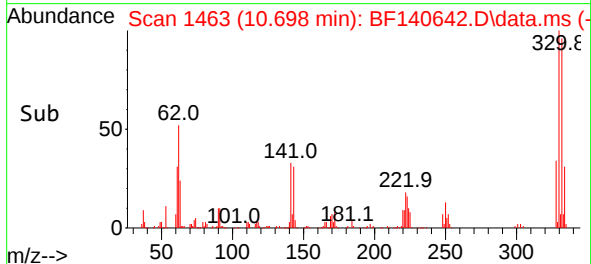
Tgt Ion:330 Resp: 102929
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 34.2 26.7 40.1

Manual Integrations

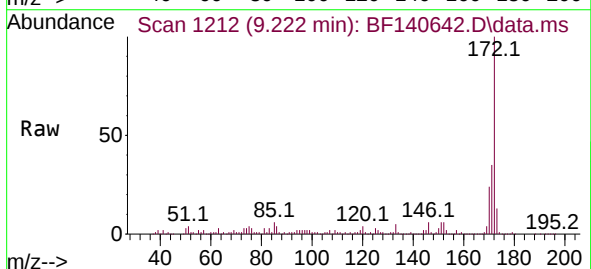
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

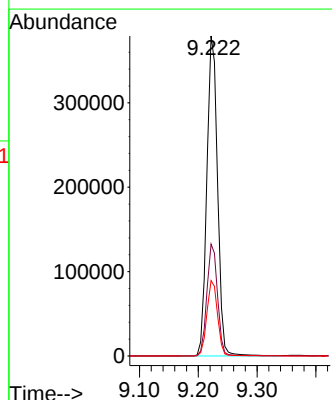
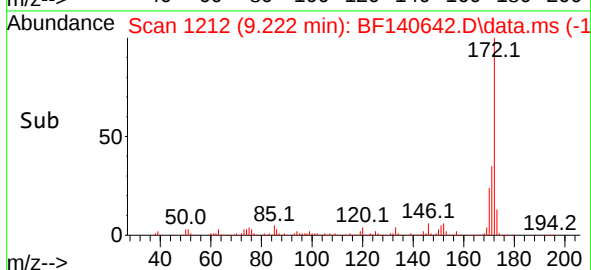
Supervised By :mohammad ahmed 11/27/2024

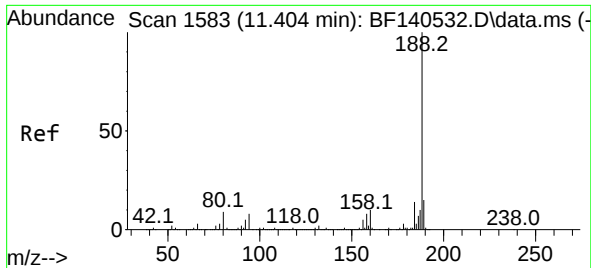


#45
2-Fluorobiphenyl
Concen: 61.346 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22



Tgt Ion:172 Resp: 480309
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.6 19.0 28.6





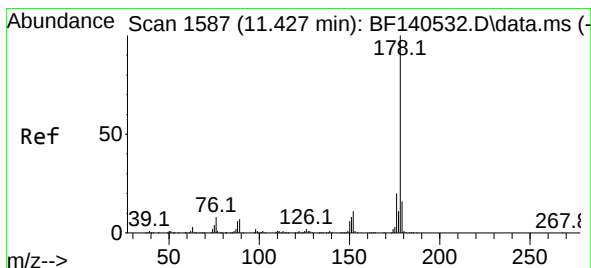
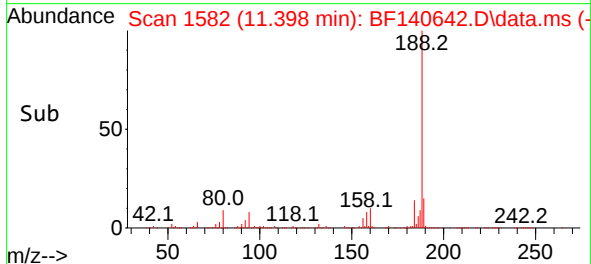
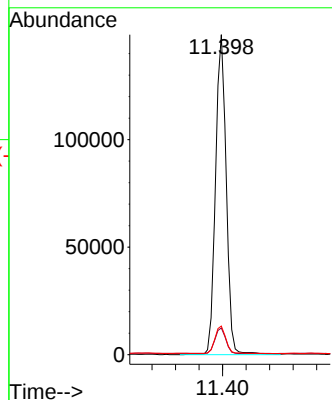
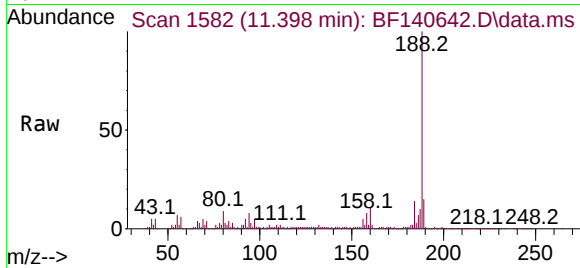
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Instrument :
BNA_F
ClientSampleId :
AU-05-112124RE

Tgt Ion:188 Resp: 18833
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.9 6.9 10.3

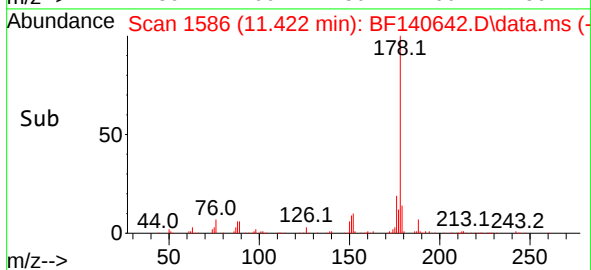
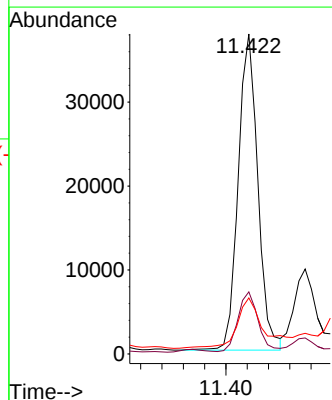
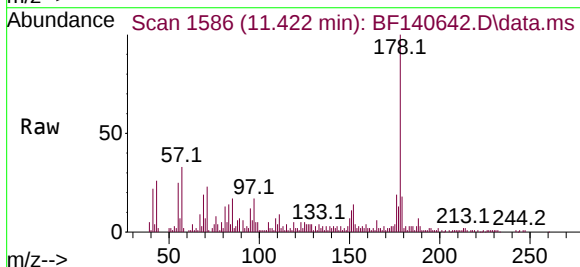
Manual Integrations
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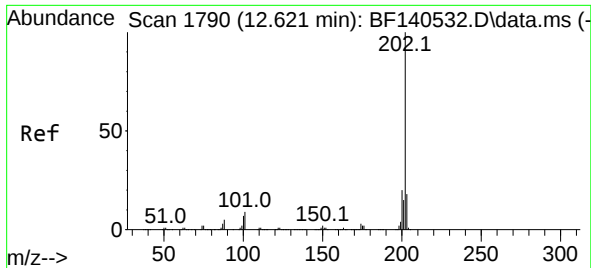
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#71
Phenanthrene
Concen: 5.328 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

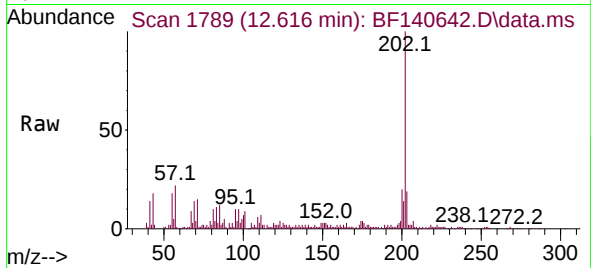
Tgt Ion:178 Resp: 48232
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 17.5 12.4 18.6





#75
Fluoranthene
Concen: 5.575 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

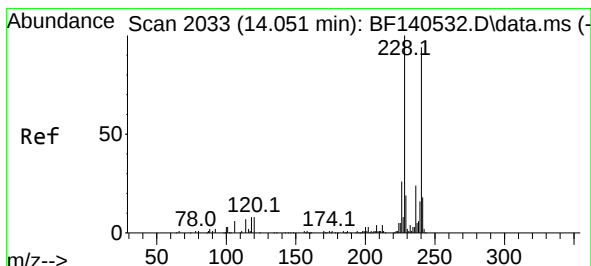
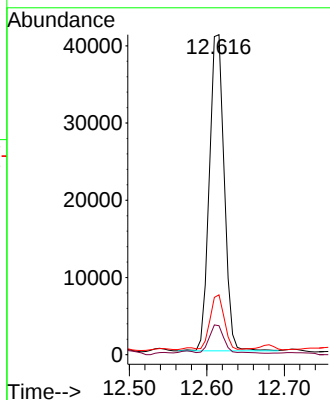
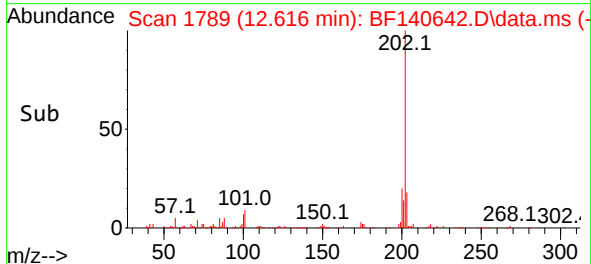
Instrument :
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AU-05-112124RE



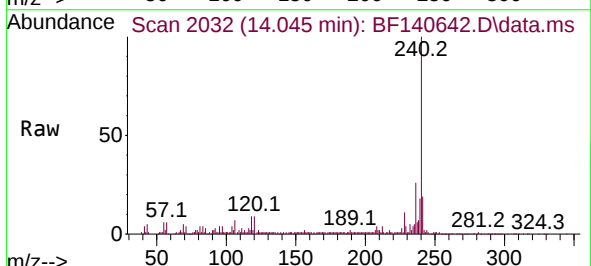
Tgt Ion:202 Resp: 5479
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 18.7 0.0 37.6

Manual Integrations
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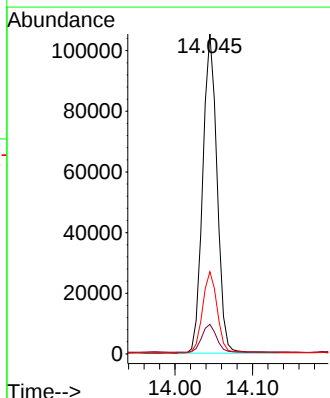
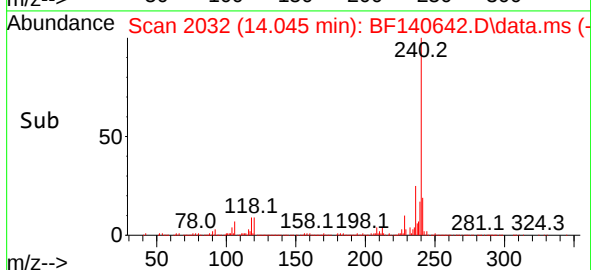
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

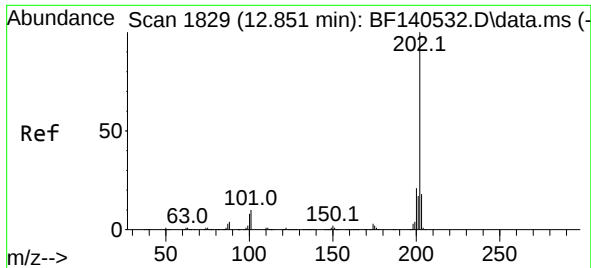


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22



Tgt Ion:240 Resp: 135305
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.7 20.6 31.0





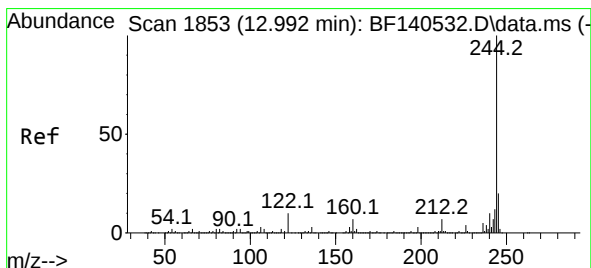
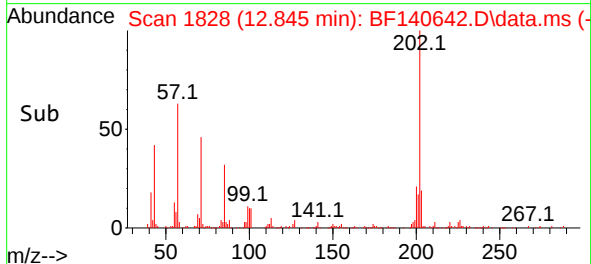
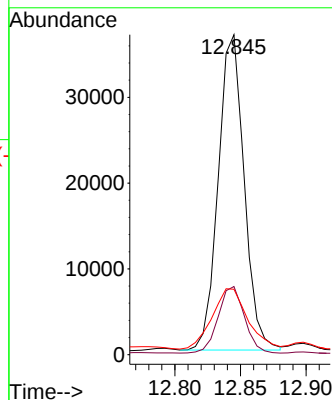
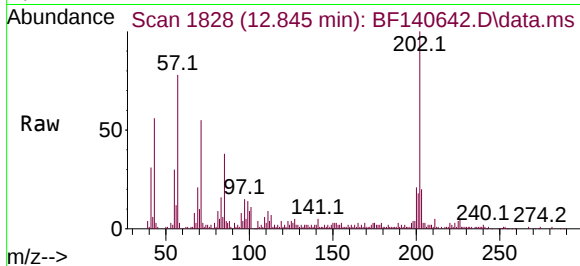
#78
Pyrene
Concen: 4.035 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Instrument :
BNA_F
ClientSampleId :
AU-05-112124RE

Tgt Ion:202 Resp: 5048
Ion Ratio Lower Upper
202 100
200 21.3 16.5 24.7
203 20.5 14.2 21.4

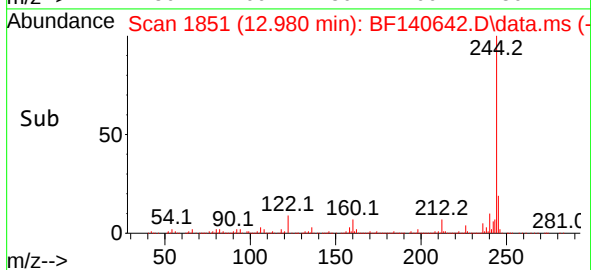
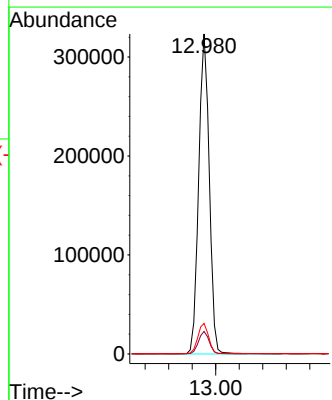
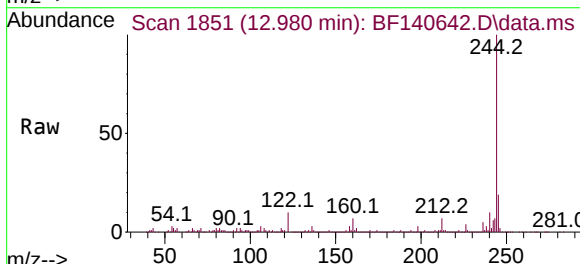
Manual Integrations
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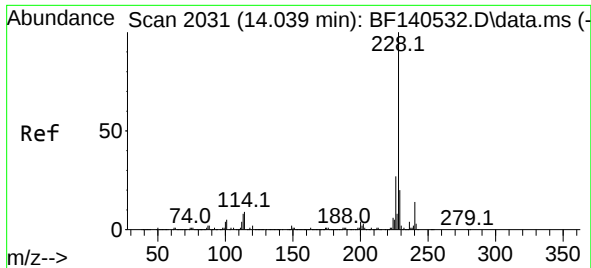
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#79
Terphenyl-d14
Concen: 46.446 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Tgt Ion:244 Resp: 403590
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.6 8.0 12.0





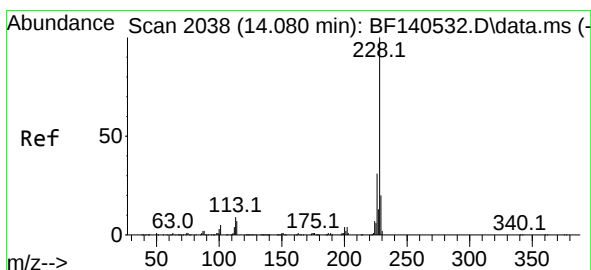
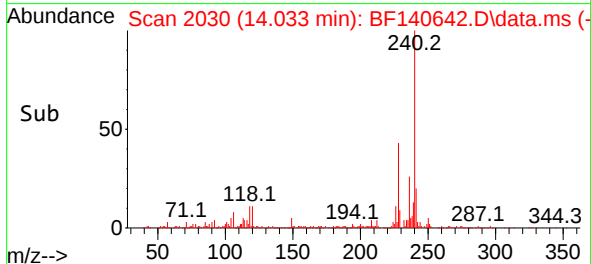
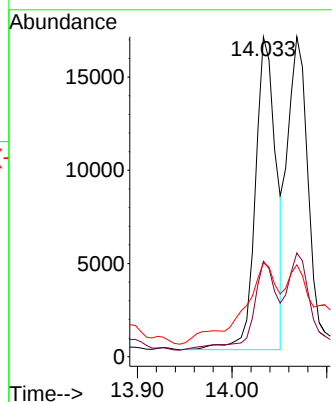
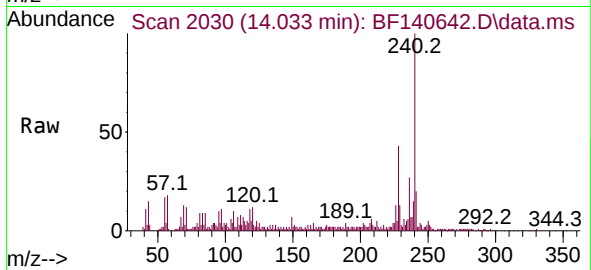
#81
Benzo(a)anthracene
Concen: 2.855 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Instrument :
BNA_F
ClientSampleId :
AU-05-112124RE

Tgt Ion:228 Resp: 2556
Ion Ratio Lower Upper
228 100
226 29.9 21.8 32.8
229 29.3 15.8 23.6

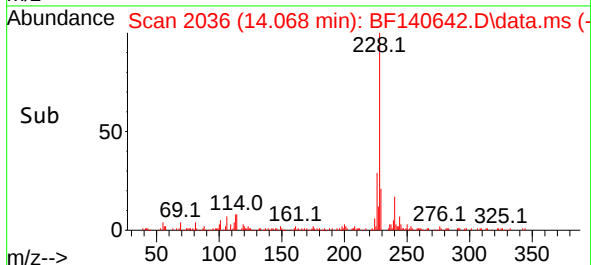
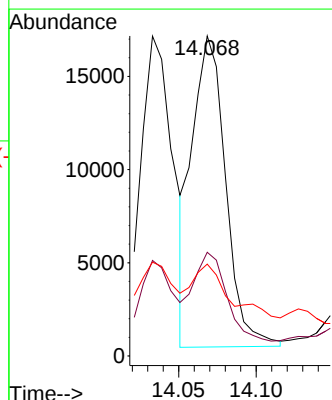
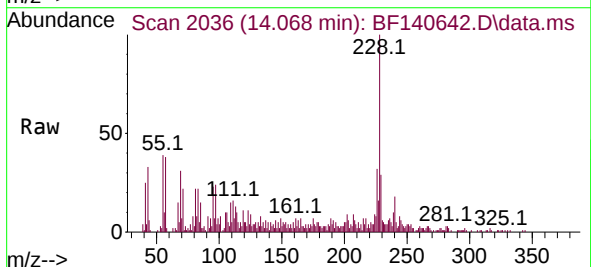
Manual Integrations
APPROVED

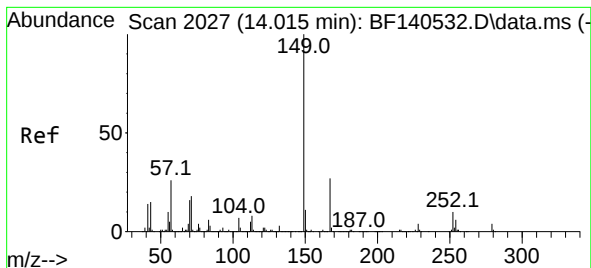
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#83
Chrysene
Concen: 3.065 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF140642.D
Acq: 26 Nov 2024 15:22

Tgt Ion:228 Resp: 25102
Ion Ratio Lower Upper
228 100
226 32.4 24.4 36.6
229 28.7 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.016 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140642.D

Acq: 26 Nov 2024 15:22

Instrument :

BNA_F

ClientSampleId :

AU-05-112124RE

Tgt Ion:149 Resp: 11472

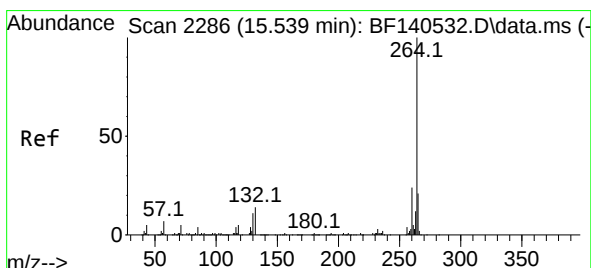
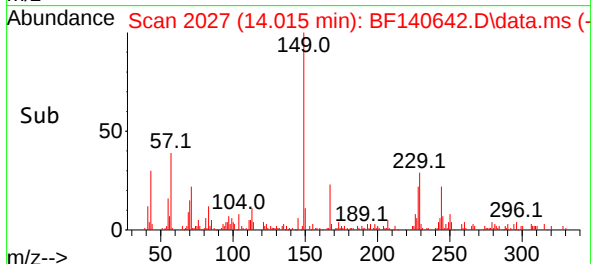
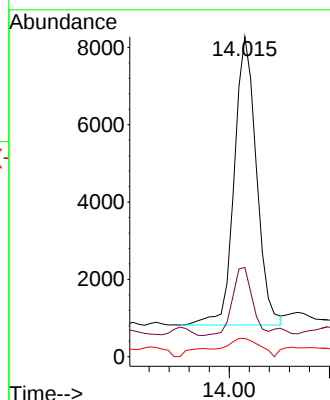
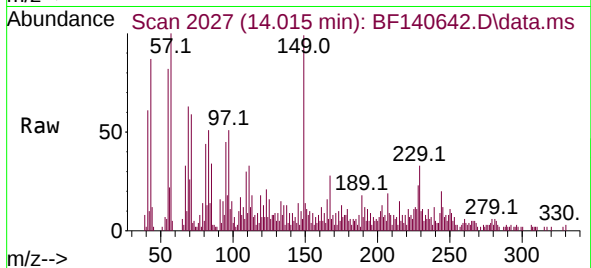
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.2	31.8
279	5.7	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

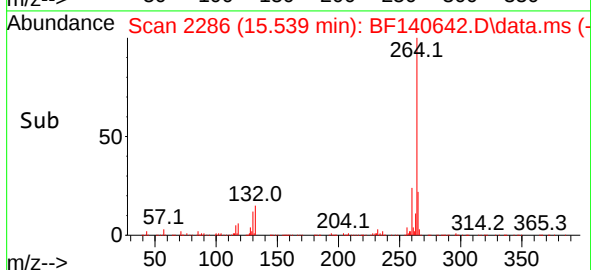
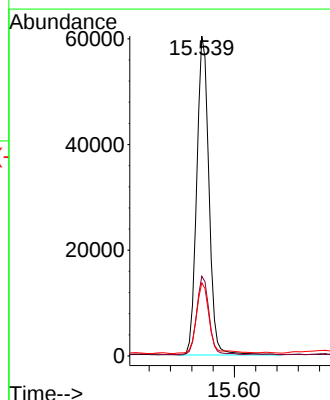
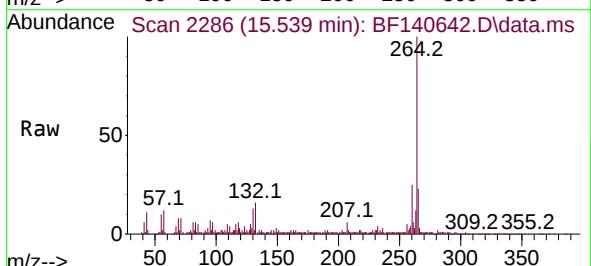
Delta R.T. -0.000 min

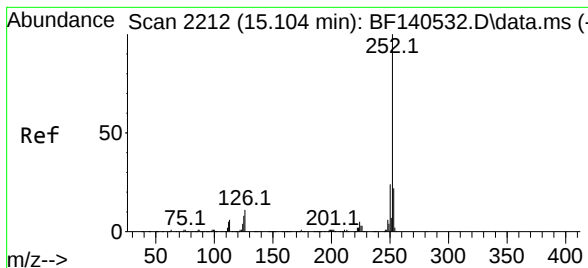
Lab File: BF140642.D

Acq: 26 Nov 2024 15:22

Tgt Ion:264 Resp: 95803

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	22.8	16.6	25.0





#88

Benzo(b)fluoranthene

Concen: 2.924 ng m

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140642.D

Acq: 26 Nov 2024 15:22

Instrument :

BNA_F

ClientSampleId :

AU-05-112124RE

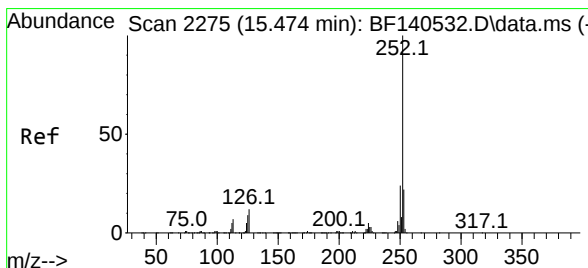
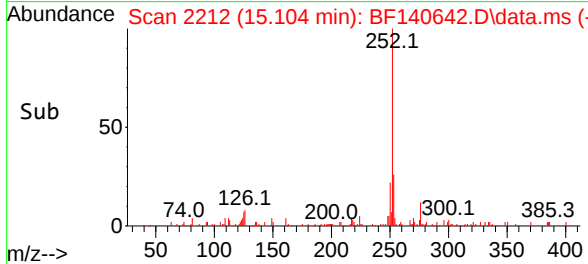
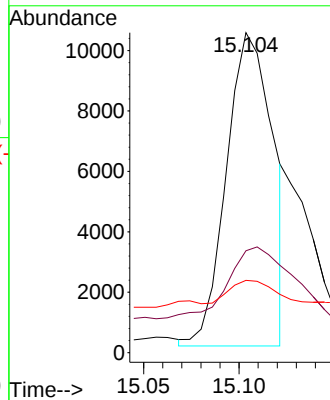
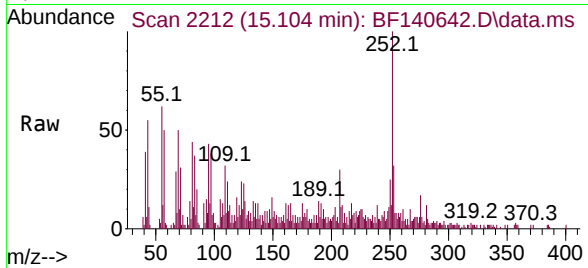
Tgt Ion:252 Resp: 17594
 Ion Ratio Lower Upper
 252 100
 253 31.9 17.2 25.8#
 125 22.6 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 2.280 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140642.D

Acq: 26 Nov 2024 15:22

Tgt Ion:252 Resp: 11153
 Ion Ratio Lower Upper
 252 100
 253 31.6 17.3 25.9#
 125 28.2 7.0 10.6#

