

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140512.D
 Acq On : 20 Nov 2024 20:54
 Operator : RC/JU
 Sample : P4910-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-759

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 00:08:41 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	103145	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	360315	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	157514	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	257723	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211715	20.000	ng	0.00
86) Perylene-d12	15.533	264	163614	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	431499	71.427	ng	0.01
7) Phenol-d6	6.510	99	561319	68.581	ng	0.00
23) Nitrobenzene-d5	7.434	82	338412	48.935	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	99324	63.411	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	565925	57.757	ng	-0.01
79) Terphenyl-d14	12.980	244	518978	42.550	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.610	202	35201	2.592	ng	98
88) Benzo(b)fluoranthene	15.098	252	23138m	2.162	ng	

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

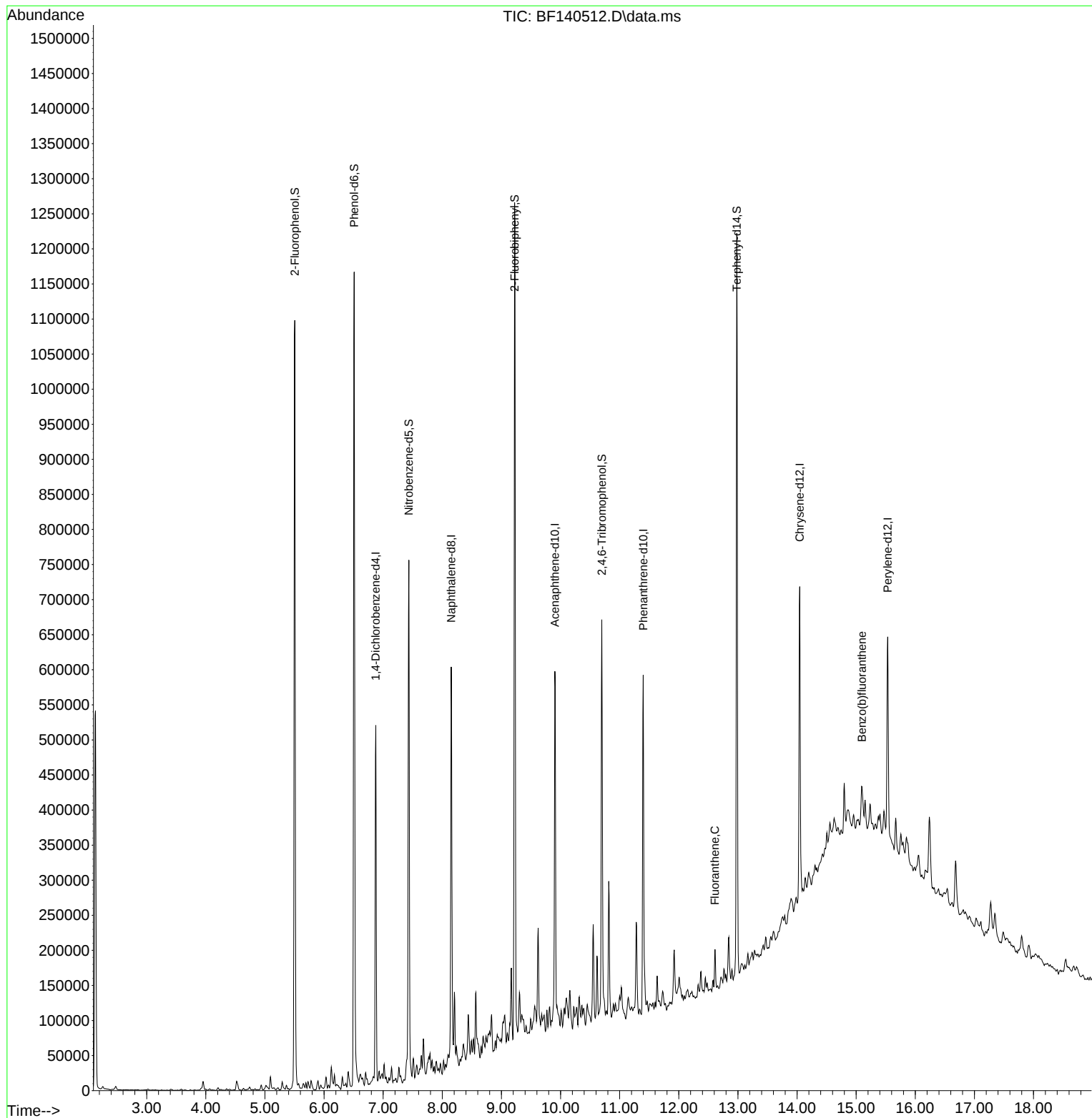
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
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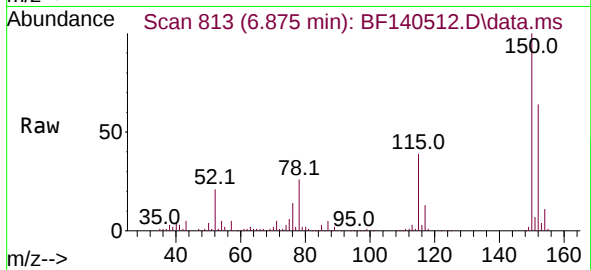
Quant Time: Nov 21 00:08:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

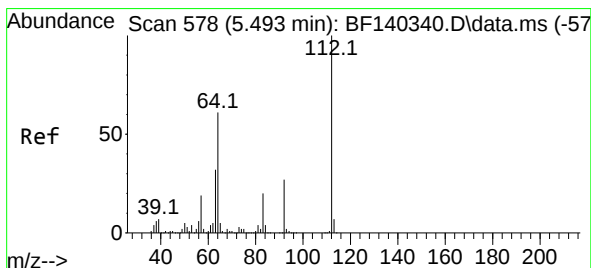
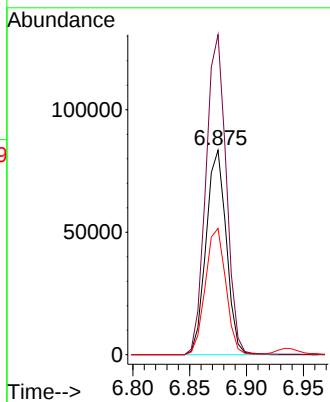
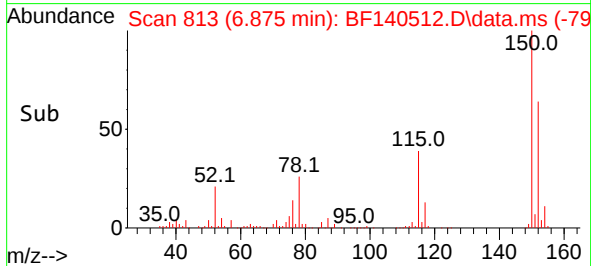
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 103145
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 61.7 47.4 71.2

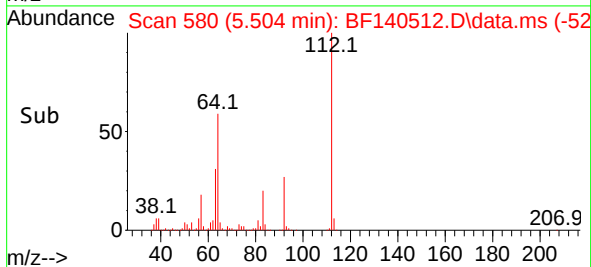
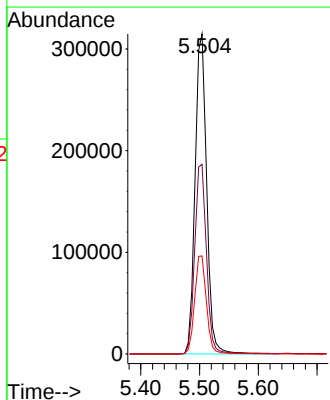
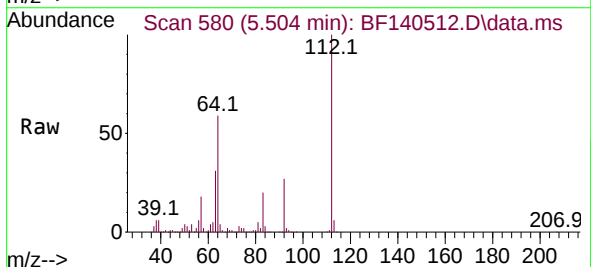
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#5
2-Fluorophenol
Concen: 71.427 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

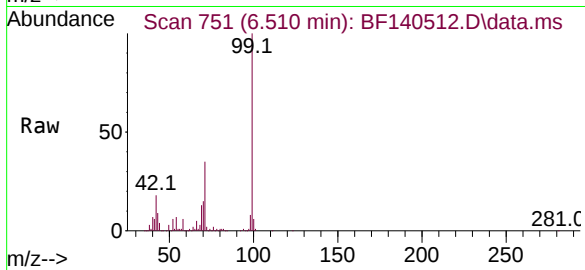
Tgt Ion:112 Resp: 431499
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 30.7 25.6 38.4





#7
Phenol-d6
Concen: 68.581 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

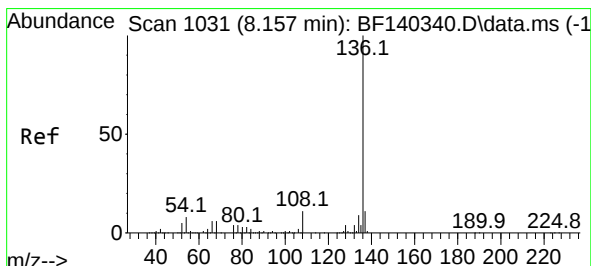
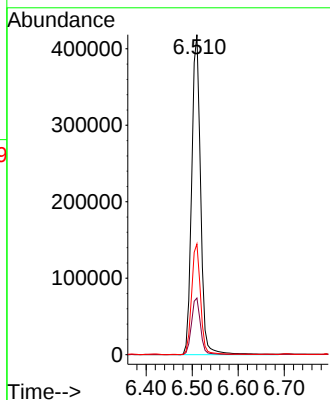
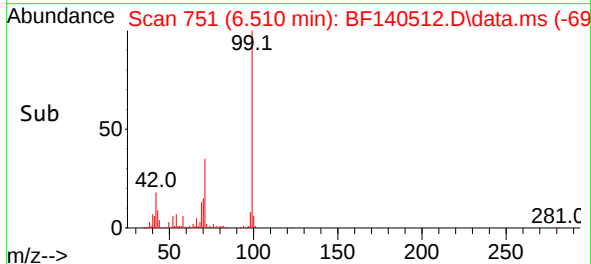
Instrument :
BNA_F
ClientSampleId :
MH-759



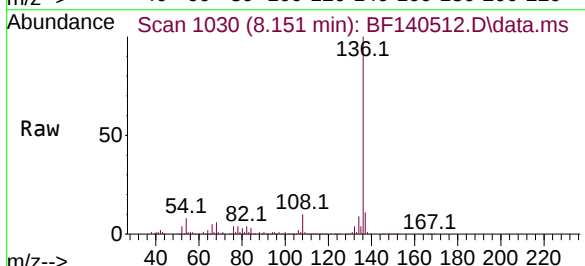
Tgt Ion: 99 Resp: 561319
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 34.6 27.9 41.9

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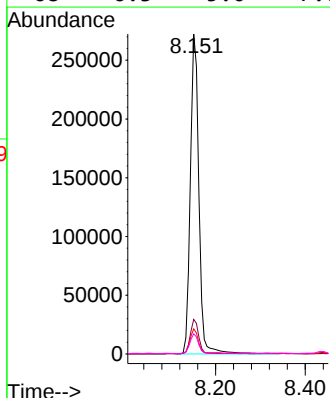
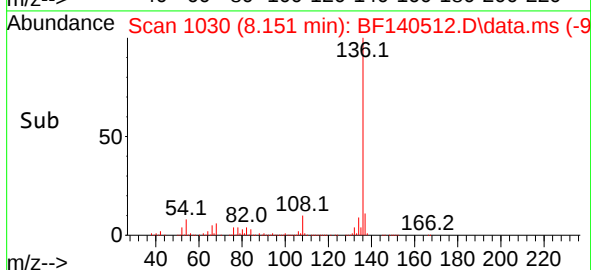
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

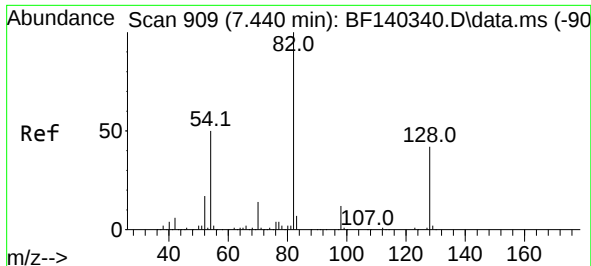


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54



Tgt Ion:136 Resp: 360315
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 6.5 9.7
68 6.3 5.0 7.6





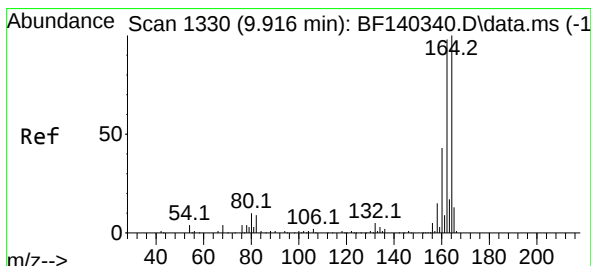
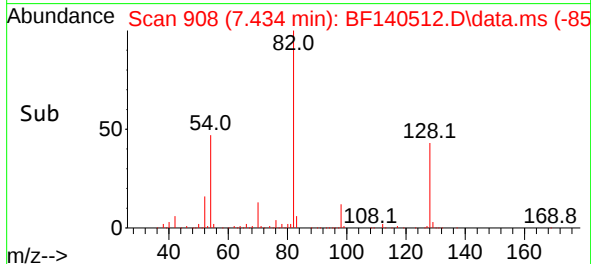
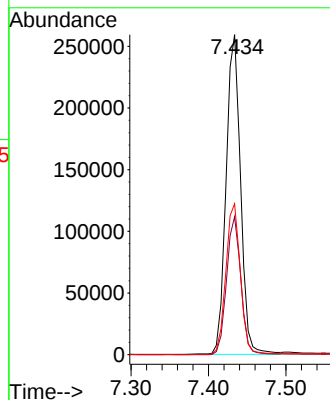
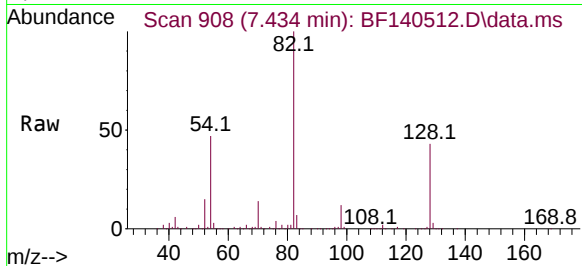
#23
Nitrobenzene-d5
Concen: 48.935 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

Instrument :
BNA_F
ClientSampleId :
MH-759

Tgt Ion: 82 Resp: 33841
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 47.2 39.8 59.8

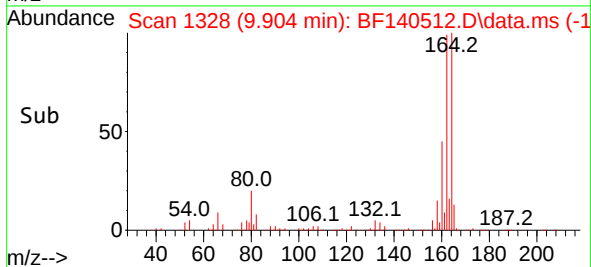
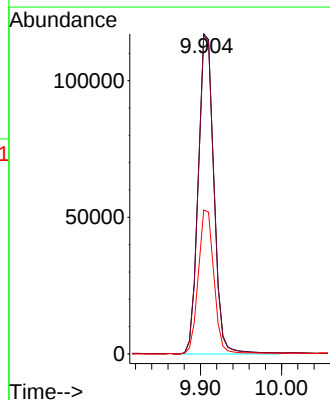
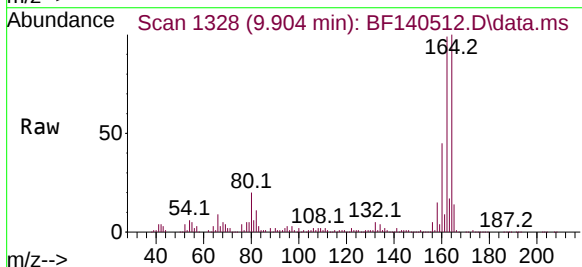
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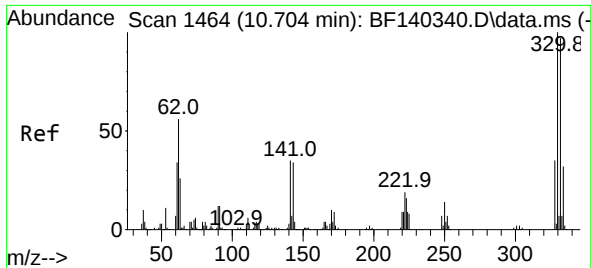
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Supervised By :mohammad ahmed 11/22/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

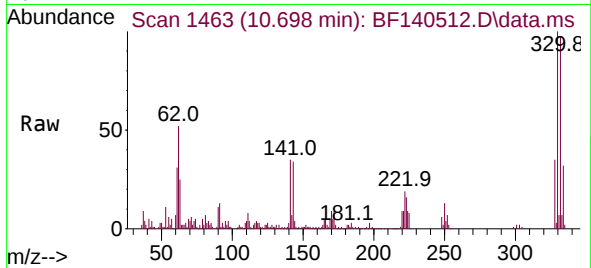
Tgt Ion:164 Resp: 157514
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.0 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 63.411 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

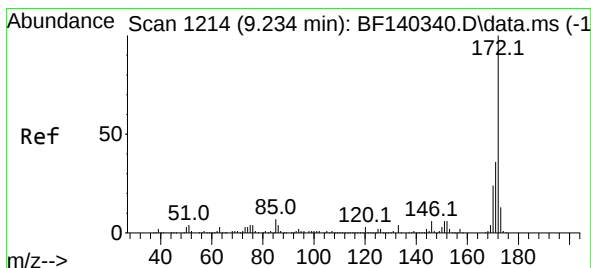
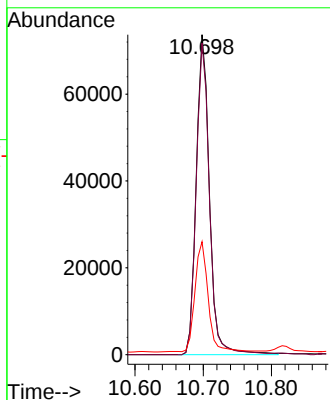
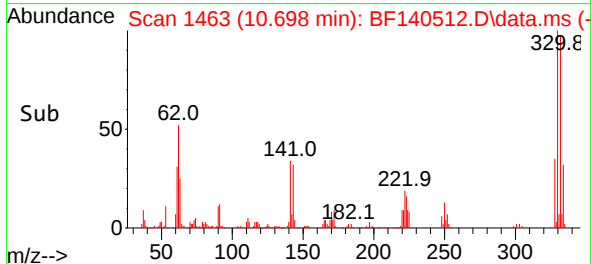
Instrument :
BNA_F
ClientSampleId :
MH-759



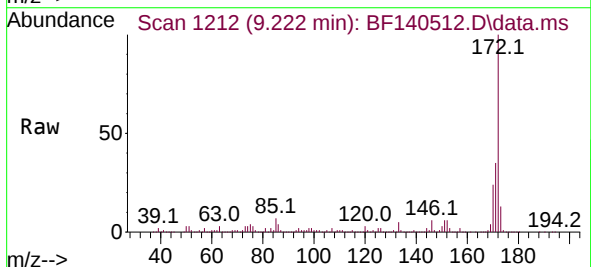
Tgt Ion:330 Resp: 99324
Ion Ratio Lower Upper
330 100
332 97.1 75.9 113.9
141 34.8 26.9 40.3

Manual Integrations
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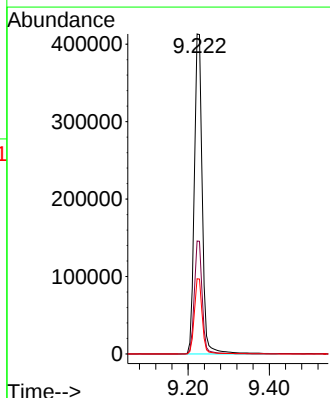
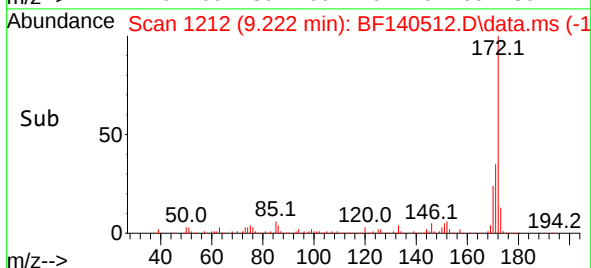
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Supervised By :mohammad ahmed 11/22/2024

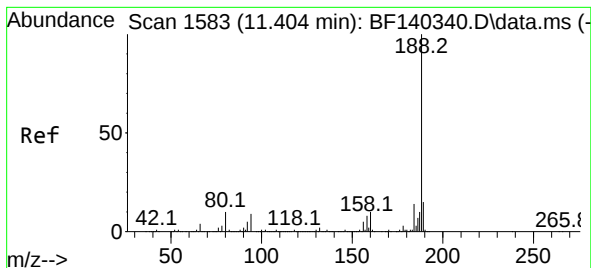


#45
2-Fluorobiphenyl
Concen: 57.757 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54



Tgt Ion:172 Resp: 565925
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.5 19.1 28.7





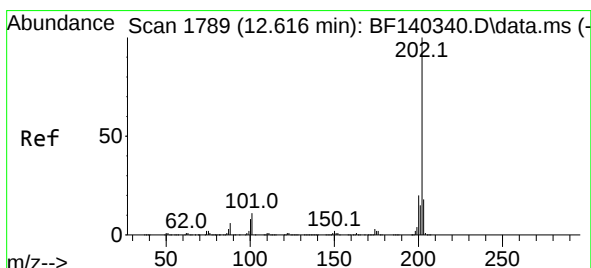
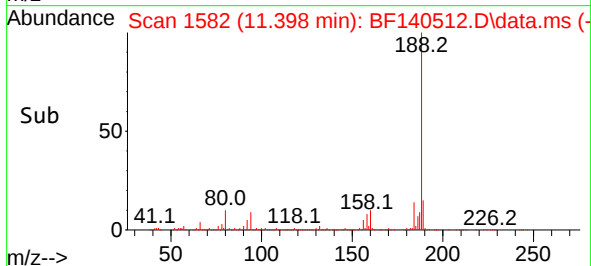
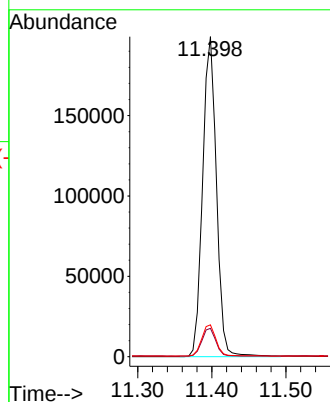
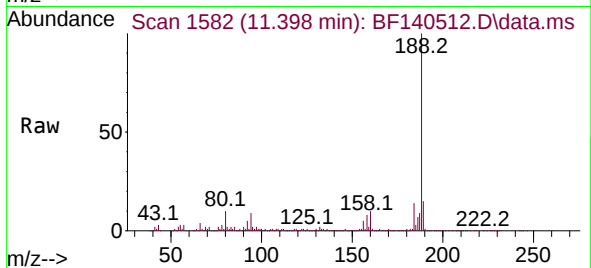
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

Instrument :
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ClientSampleId :
MH-759

Tgt Ion:188 Resp: 25772
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.0 8.0 12.0

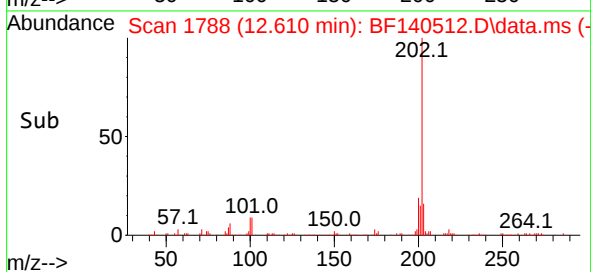
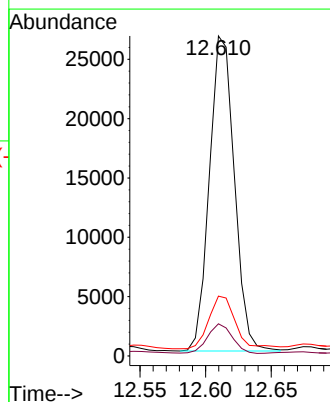
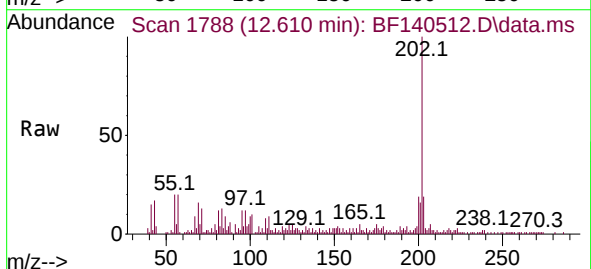
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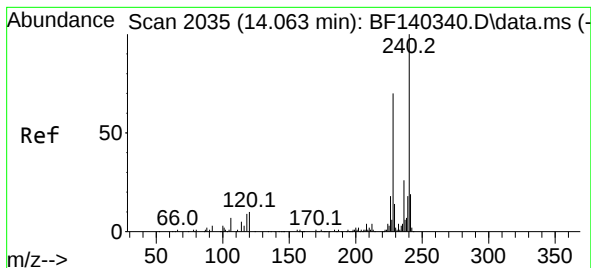
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#75
Fluoranthene
Concen: 2.592 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF140512.D
Acq: 20 Nov 2024 20:54

Tgt Ion:202 Resp: 35201
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.7
203 18.7 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: BF140512.D

Acq: 20 Nov 2024 20:54

Instrument :

BNA_F

ClientSampleId :

MH-759

Tgt Ion:240 Resp: 211715

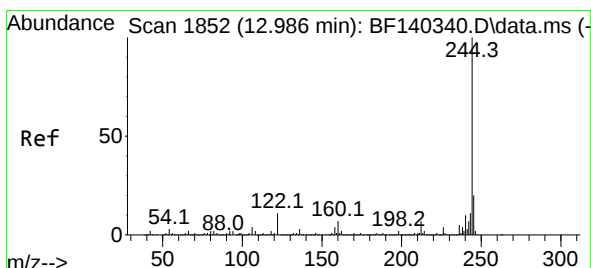
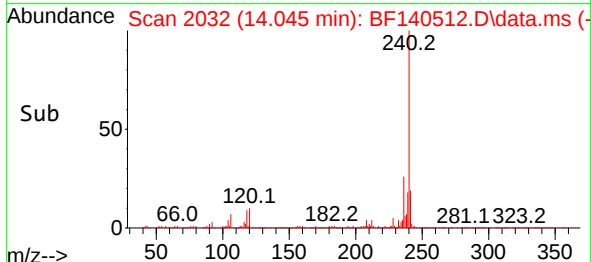
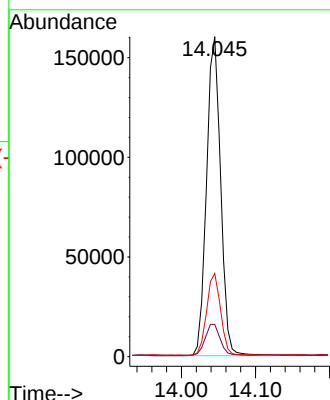
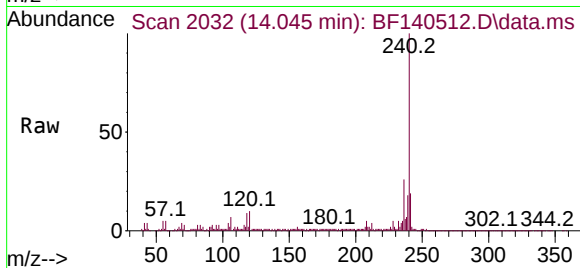
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.8	13.2
236	26.0	20.9	31.3

Manual Integrations

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Supervised By :mohammad ahmed 11/22/2024



#79

Terphenyl-d14

Concen: 42.550 ng

RT: 12.980 min Scan# 1851

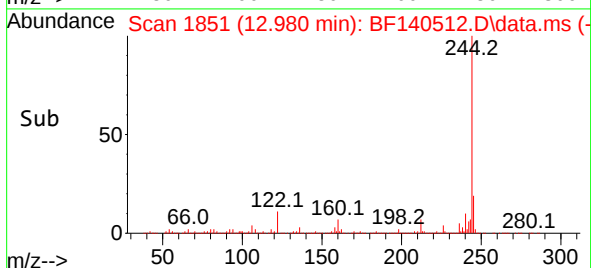
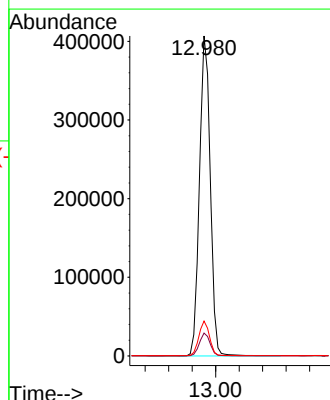
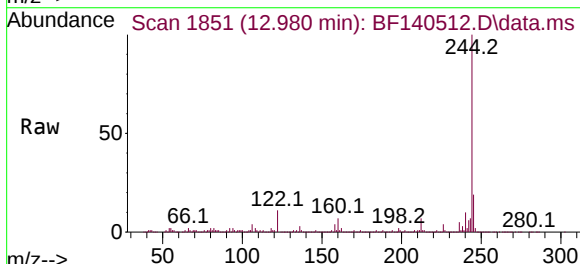
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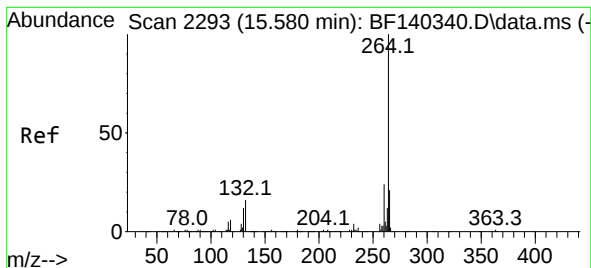
Lab File: BF140512.D

Acq: 20 Nov 2024 20:54

Tgt Ion:244 Resp: 518978

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.9	8.8	13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2111

Delta R.T. -0.024 min

Lab File: BF140512.D

Acq: 20 Nov 2024 20:54

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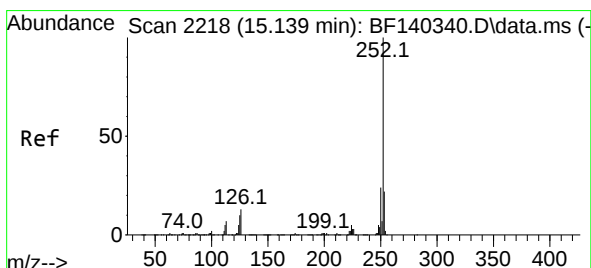
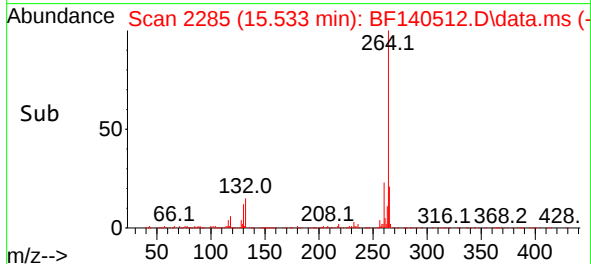
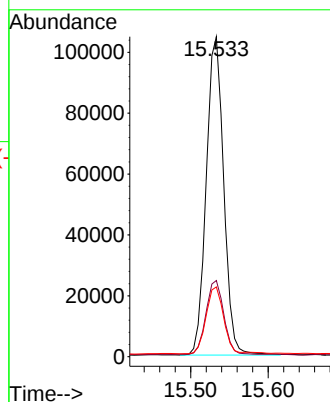
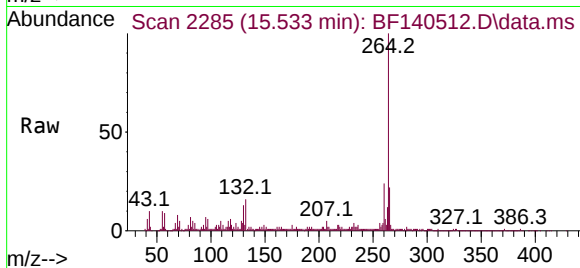
Tgt Ion:264 Resp: 163614
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 17.1 25.7

Manual Integrations

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Supervised By :mohammad ahmed 11/22/2024



#88

Benzo(b)fluoranthene

Concen: 2.162 ng m

RT: 15.098 min Scan# 2211

Delta R.T. -0.018 min

Lab File: BF140512.D

Acq: 20 Nov 2024 20:54

Tgt Ion:252 Resp: 23138
 Ion Ratio Lower Upper
 252 100
 253 39.3 17.5 26.3#
 125 29.3 8.0 12.0#

