

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131666.D
 Acq On : 16 Dec 2022 14:52
 Operator : CG\JU
 Sample : N6038-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-37-(3-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 16:58:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	68768	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	242176	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	137374	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	263747	20.000	ng	0.00
76) Chrysene-d12	14.080	240	170381	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	152364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	353997	85.878	ng	0.00
7) Phenol-d6	6.510	99	468660	86.762	ng	0.00
23) Nitrobenzene-d5	7.445	82	321348	50.167	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	118992	77.963	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	572248	52.523	ng	0.00
79) Terphenyl-d14	13.022	244	662849	53.353	ng	0.00
Target Compounds						
75) Fluoranthene	12.645	202	38554	2.547	ng	Qvalue 99
88) Benzo(b)fluoranthene	15.133	252	23706m	2.361	ng	

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

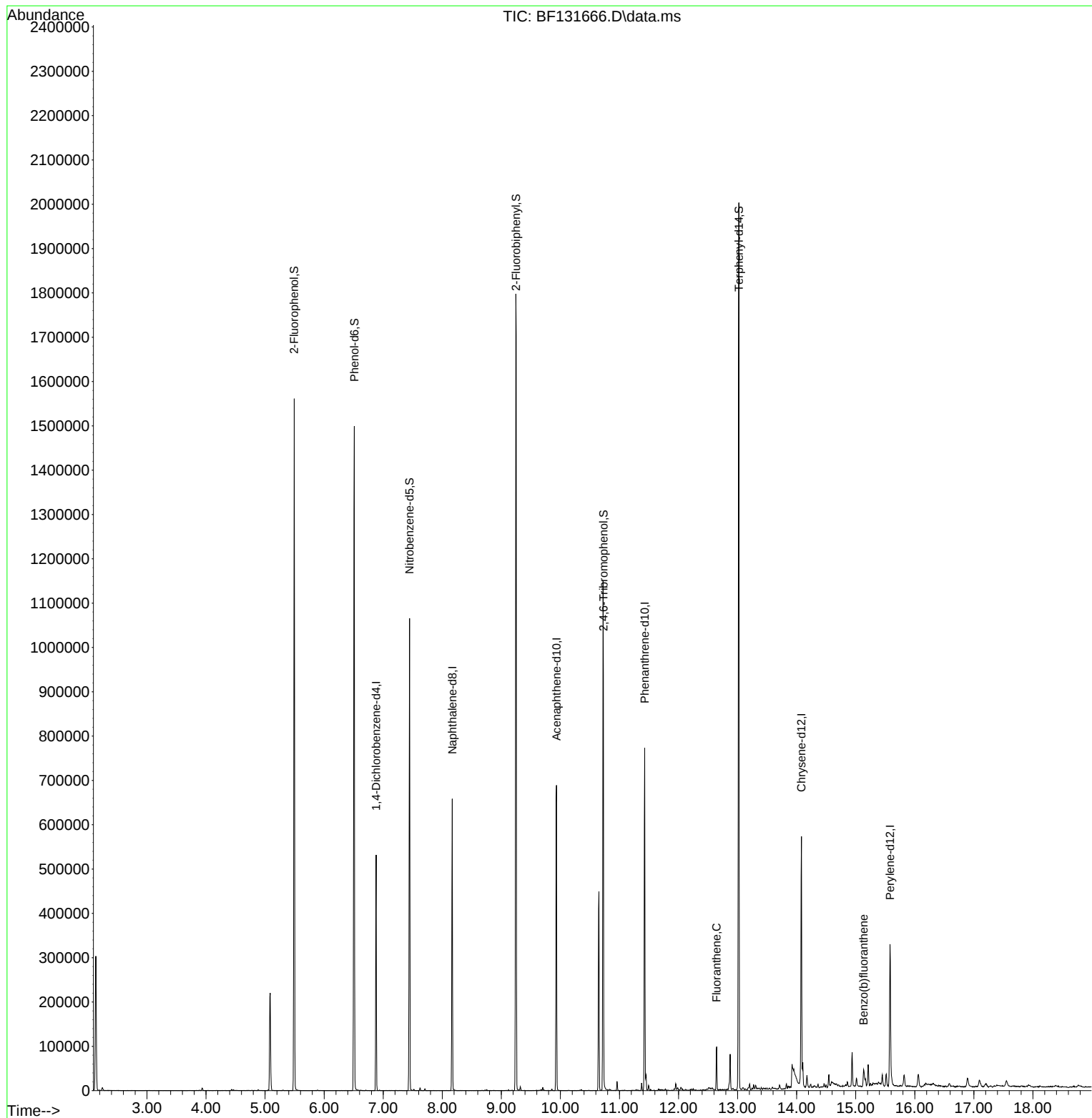
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
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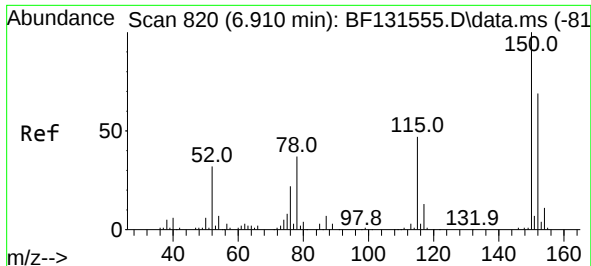
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Quant Time: Dec 16 16:58:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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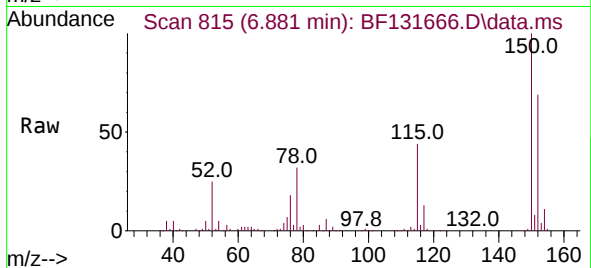
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

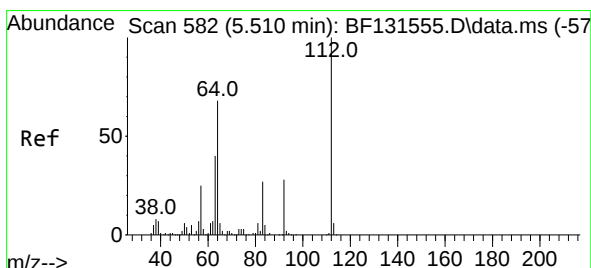
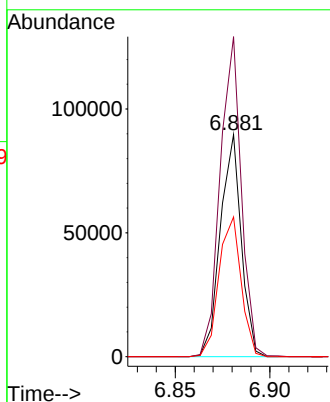
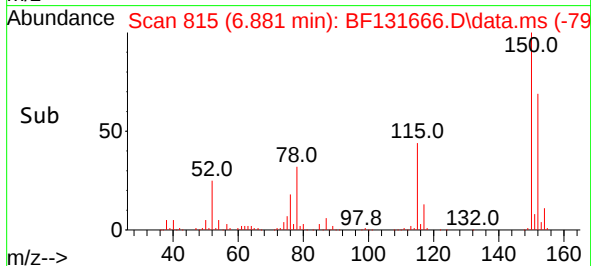
Instrument :
BNA_F
ClientSampleId :
RB-37-(3-5)



Tgt Ion:152 Resp: 68768
Ion Ratio Lower Upper
152 100
150 144.0 116.7 175.1
115 62.8 54.6 82.0

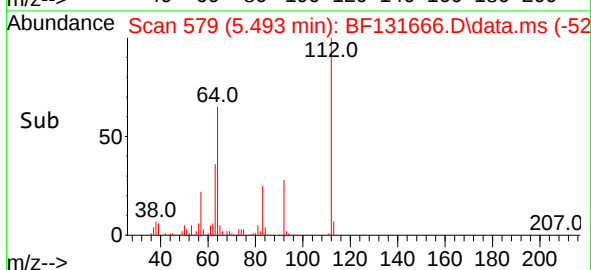
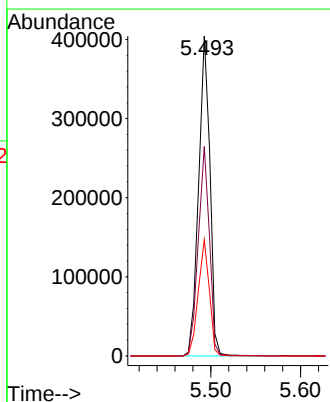
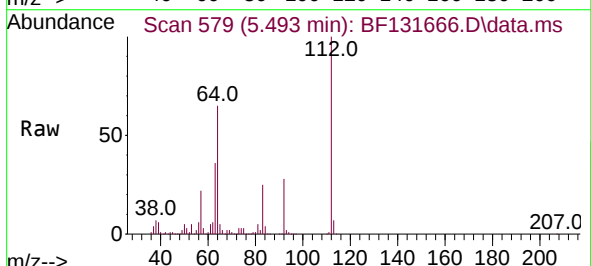
Manual Integrations
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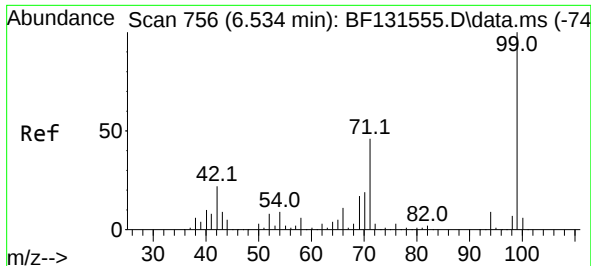
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#5
2-Fluorophenol
Concen: 85.878 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

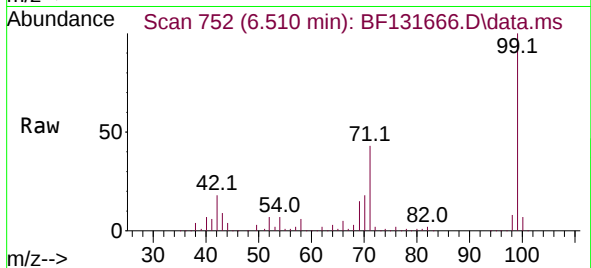
Tgt Ion:112 Resp: 353997
Ion Ratio Lower Upper
112 100
64 65.5 54.5 81.7
63 36.3 31.9 47.9





#7
Phenol-d6
Concen: 86.762 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

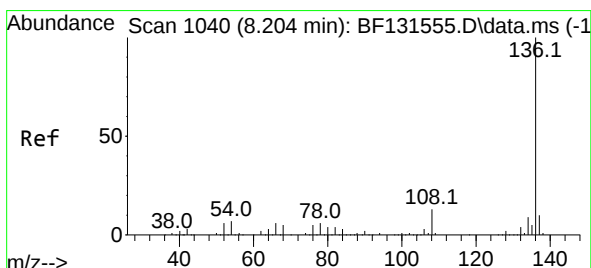
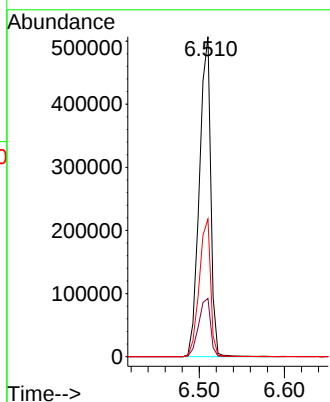
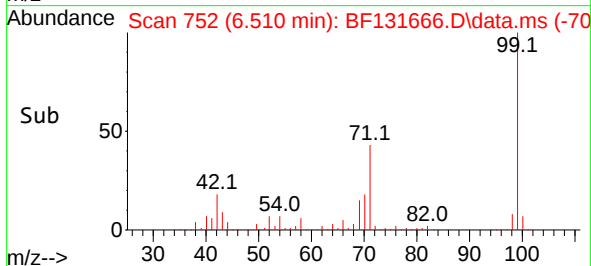
Instrument :
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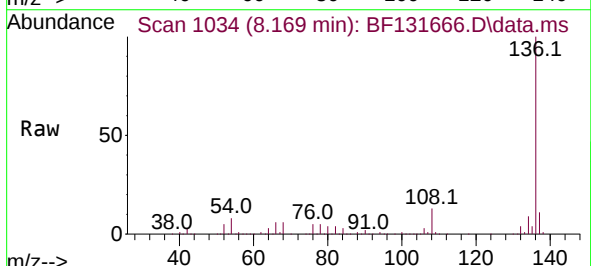
Tgt Ion: 99 Resp: 468660
Ion Ratio Lower Upper
99 100
42 18.2 17.9 26.9
71 43.0 37.2 55.8

Manual Integrations
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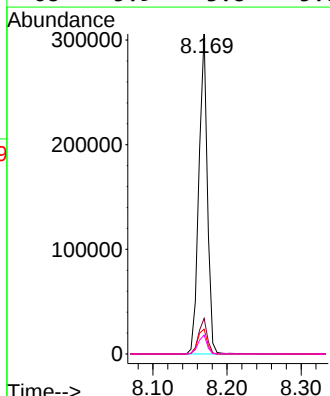
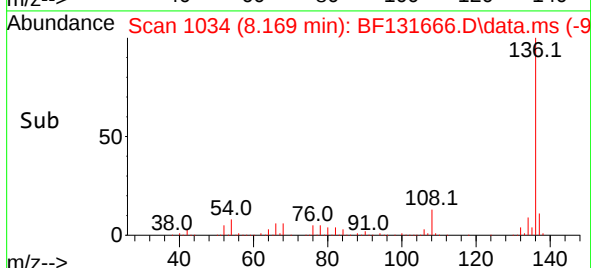
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Supervised By :mohammad ahmed 12/19/2022

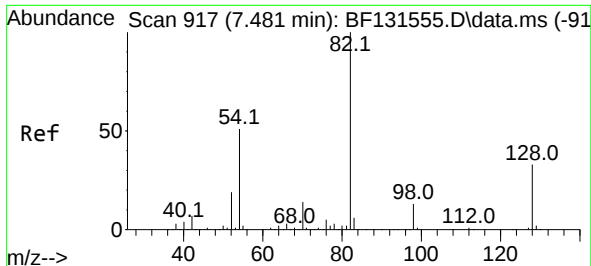


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52



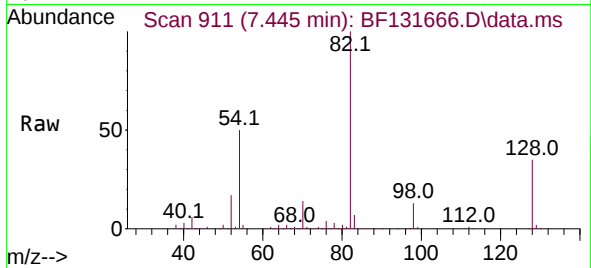
Tgt Ion:136 Resp: 242176
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 7.7 6.0 9.0
68 5.9 3.8 5.8#





#23
Nitrobenzene-d5
Concen: 50.167 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

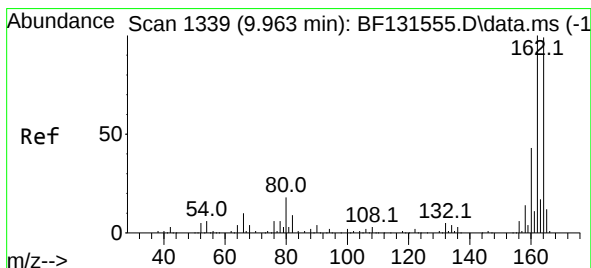
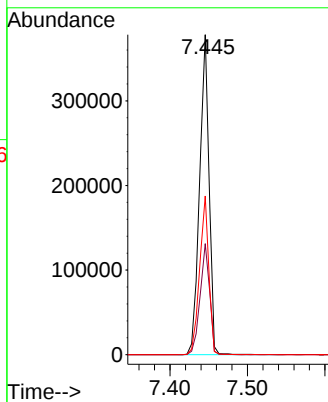
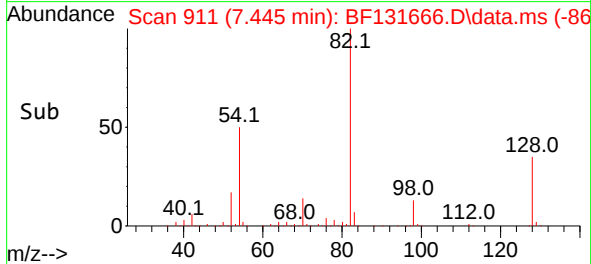
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ClientSampleId :
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Tgt Ion: 82 Resp: 321348
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 49.6 40.6 60.8

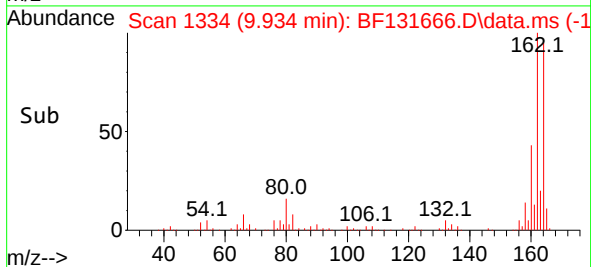
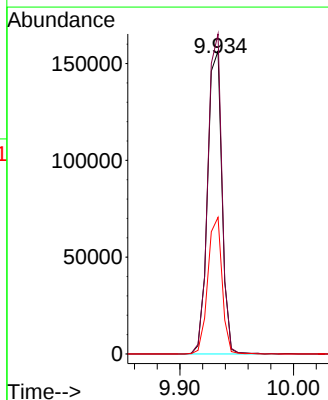
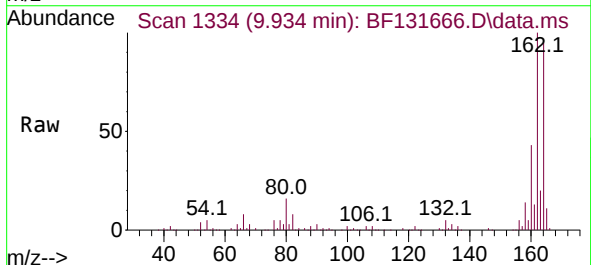
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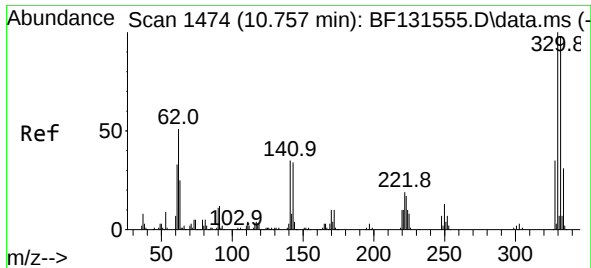
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

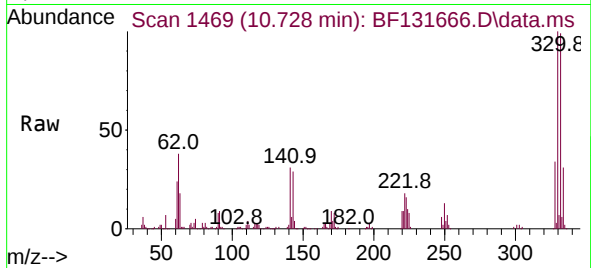
Tgt Ion:164 Resp: 137374
Ion Ratio Lower Upper
164 100
162 105.6 81.0 121.6
160 45.1 35.0 52.6





#42
2,4,6-Tribromophenol
Concen: 77.963 ng
RT: 10.728 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

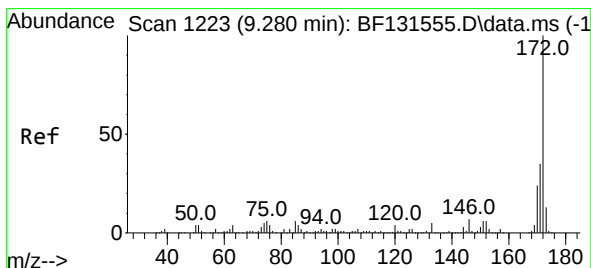
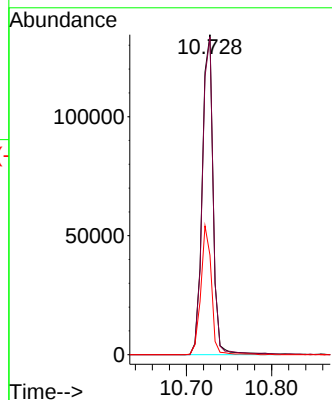
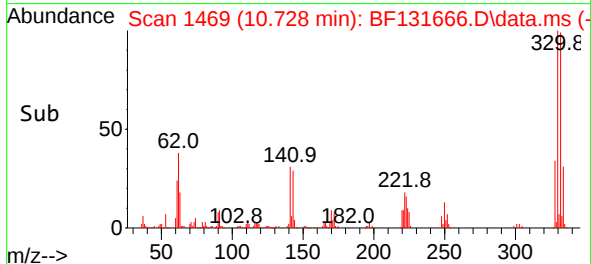
Instrument :
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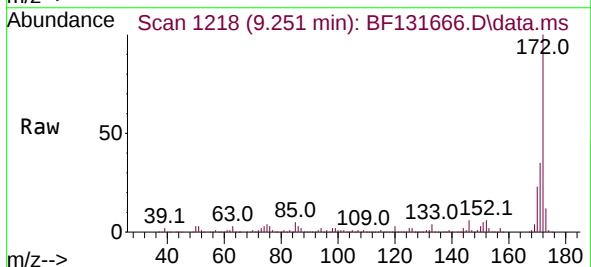
Tgt Ion: 330 Resp: 118992
Ion Ratio Lower Upper
330 100
332 98.0 78.3 117.5
141 39.1 32.6 49.0

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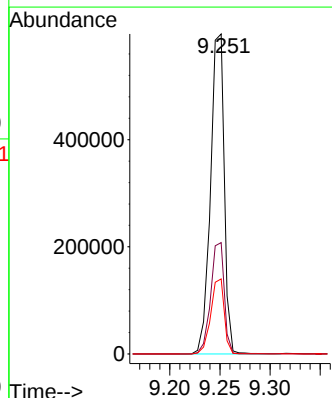
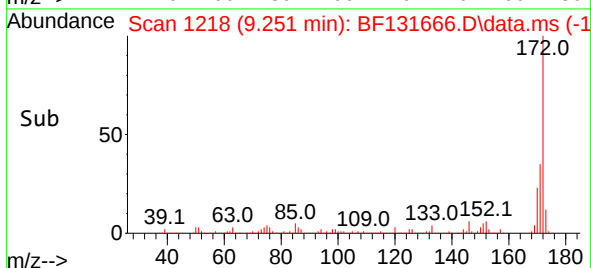
Reviewed By : Yogesh Patel 12/19/2022
Supervised By : mohammad ahmed 12/19/2022

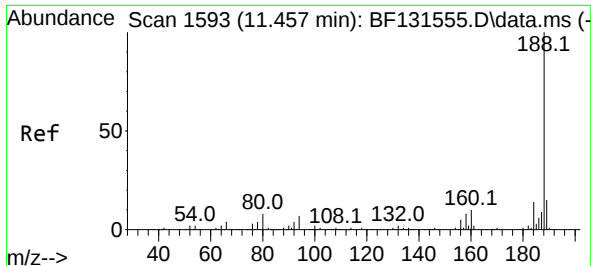


#45
2-Fluorobiphenyl
Concen: 52.523 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52



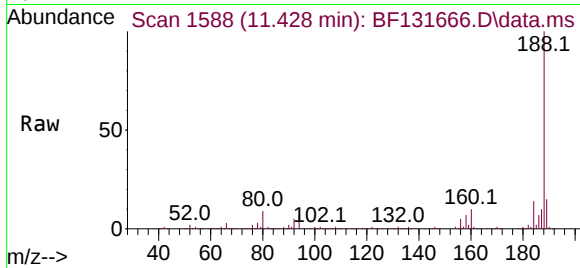
Tgt Ion: 172 Resp: 572248
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.4 19.3 28.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

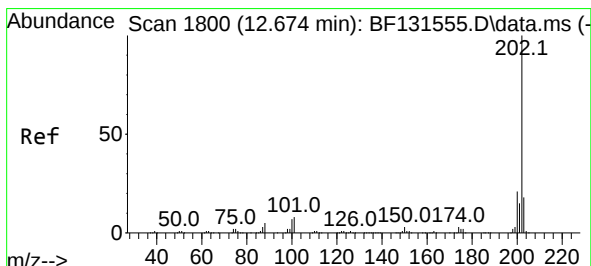
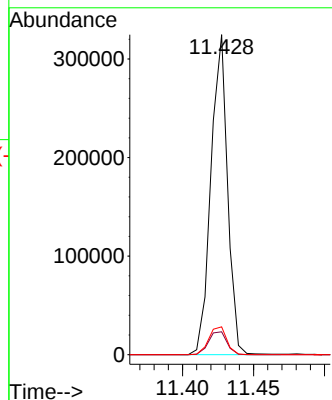
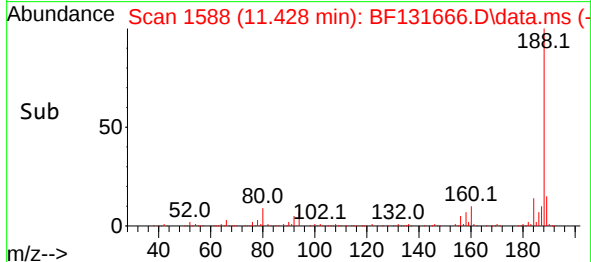
Instrument :
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RB-37-(3-5)



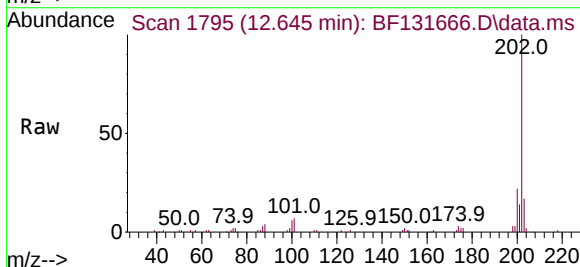
Tgt Ion:188 Resp: 26374
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.7 6.6 10.0

Manual Integrations
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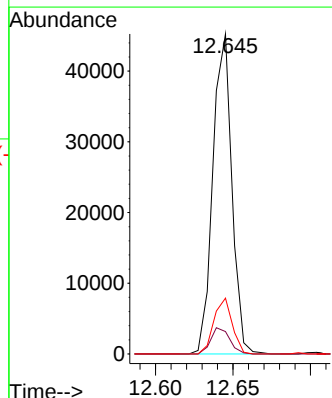
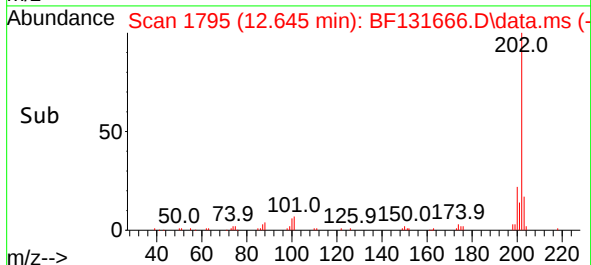
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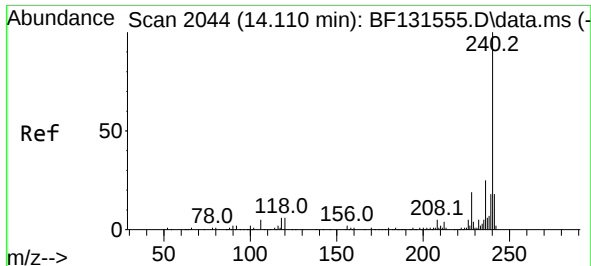


#75
Fluoranthene
Concen: 2.547 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52



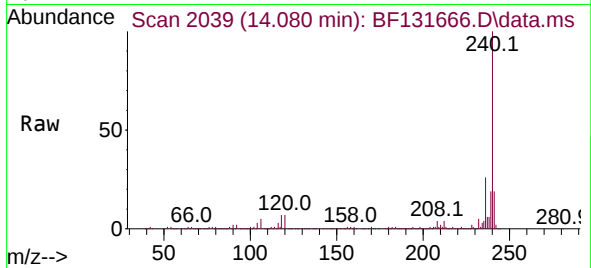
Tgt Ion:202 Resp: 38554
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.7
203 17.5 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52

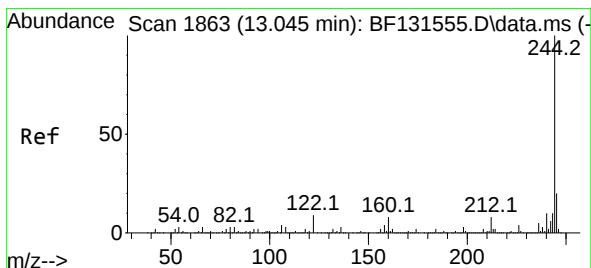
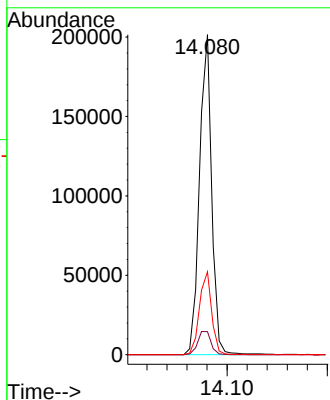
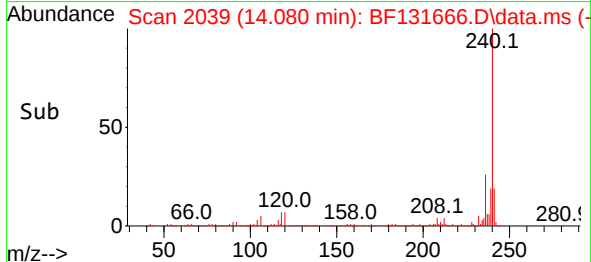
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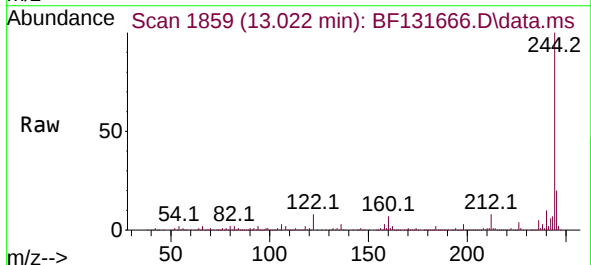
Tgt Ion:240 Resp: 17038
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0
236 25.9 20.2 30.2

Manual Integrations
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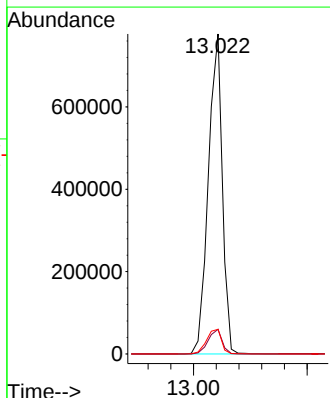
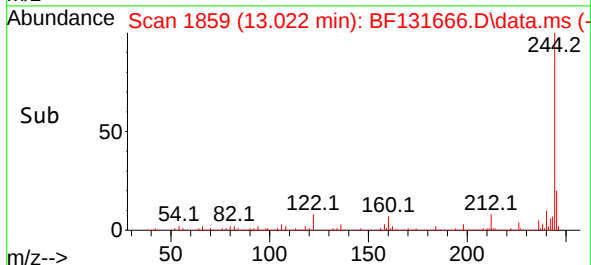
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Supervised By :mohammad ahmed 12/19/2022

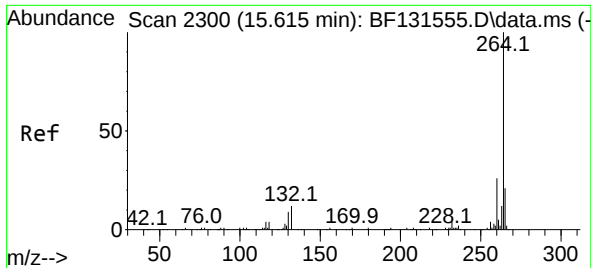


#79
Terphenyl-d14
Concen: 53.353 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131666.D
Acq: 16 Dec 2022 14:52



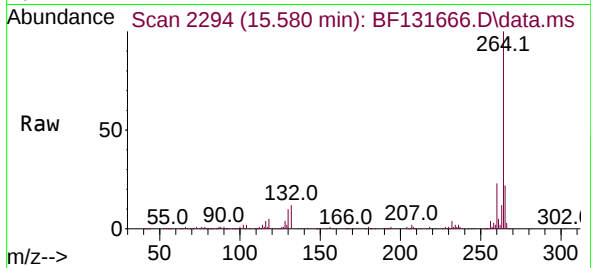
Tgt Ion:244 Resp: 662849
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.7 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52

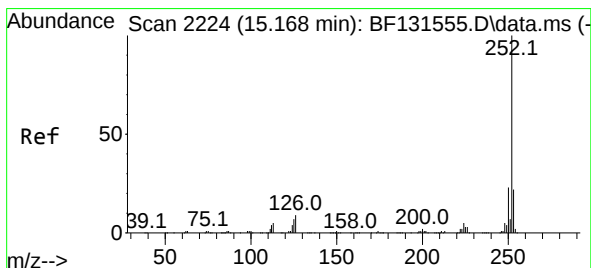
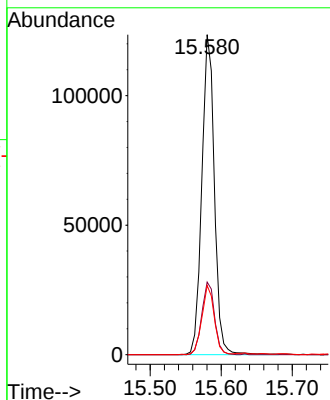
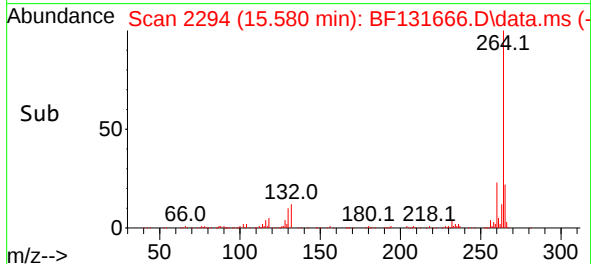
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 RB-37-(3-5)



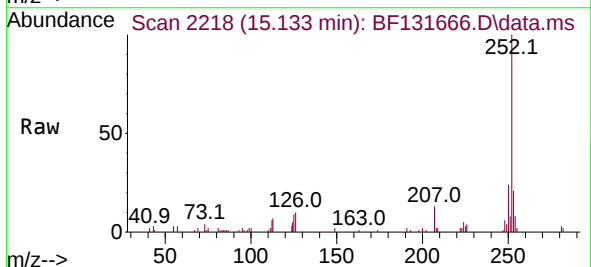
Tgt Ion:264 Resp: 152364
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.6 30.8
 265 21.6 16.8 25.2

Manual Integrations
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Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#88
 Benzo(b)fluoranthene
 Concen: 2.361 ng m
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.006 min
 Lab File: BF131666.D
 Acq: 16 Dec 2022 14:52



Tgt Ion:252 Resp: 23706
 Ion Ratio Lower Upper
 252 100
 253 20.5 17.7 26.5
 125 8.8 5.6 8.4#

