

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134524.D
 Acq On : 28 Jul 2023 19:59
 Operator : CG\JU
 Sample : 03753-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-2-072523

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 29 01:27:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/29/2023
1) 1,4-Dichlorobenzene-d4	6.828	152	66518	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	8.110	136	208219	20.000	ng	0.00	Summed
39) Acenaphthene-d10	9.863	164	89259	20.000	ng	0.00	
64) Phenanthrene-d10	11.357	188	143327	20.000	ng	# 0.00	
76) Chrysene-d12	14.021	240	106515	20.000	ng	0.00	
86) Perylene-d12	15.521	264	104457	20.000	ng	0.00	07/31/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	20193	5.016	ng	0.01	
7) Phenol-d6	6.481	99	25653	5.201	ng	0.00	
23) Nitrobenzene-d5	7.392	82	17249	4.191	ng	0.00	
42) 2,4,6-Tribromophenol	10.663	330	5499	4.336	ng	0.00	
45) 2-Fluorobiphenyl	9.181	172	32148	4.728	ng	0.00	
79) Terphenyl-d14	12.951	244	30638	5.021	ng	0.00	
Target Compounds						Qvalue	
71) Phenanthrene	11.380	178	30205	4.033	ng	97	
75) Fluoranthene	12.580	202	67243	7.705	ng	99	
78) Pyrene	12.810	202	60693	7.166	ng	98	
81) Benzo(a)anthracene	14.010	228	26050	3.505	ng	# 93	
83) Chrysene	14.045	228	22975	3.232	ng	97	
88) Benzo(b)fluoranthene	15.080	252	23418m	3.584	ng		
90) Benzo(a)pyrene	15.457	252	19337	3.201	ng	# 77	

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

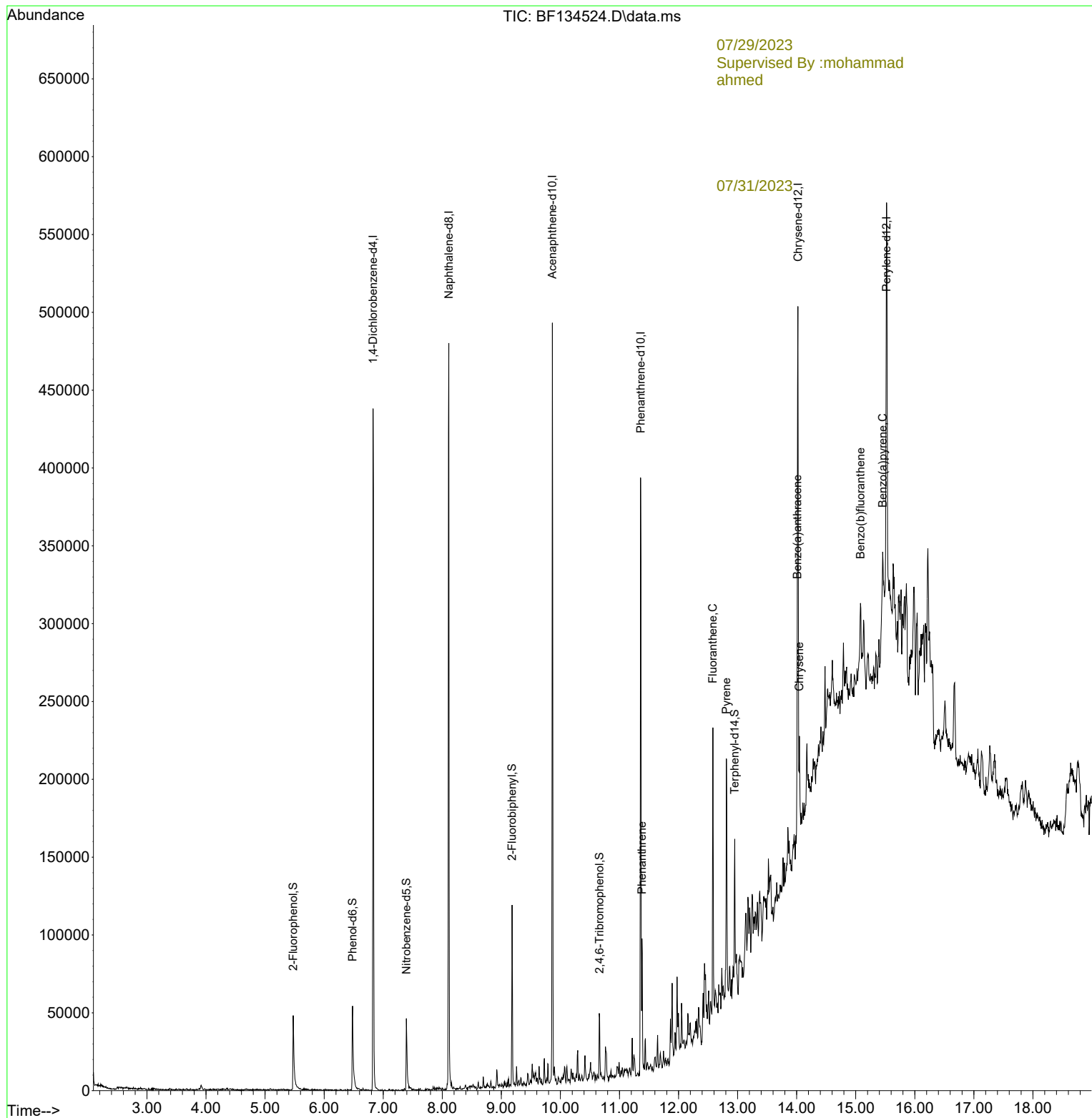
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

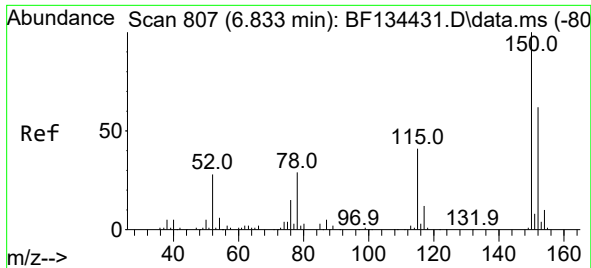
Instrument :
BNA_F
ClientSampleId :
OK-2-072523

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
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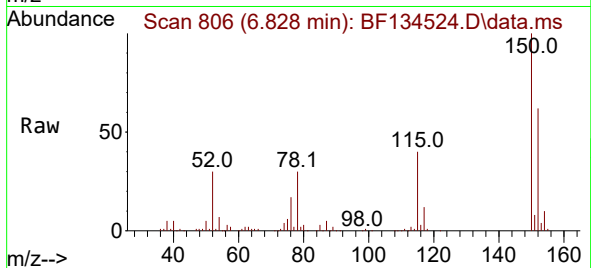
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Instrument :

BNA_F

ClientSampleId :

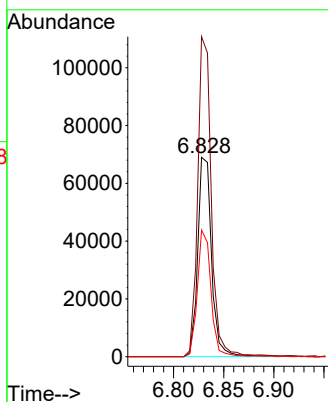
OK-2-072523



Tgt Ion:152 Resp: 66518
Ion Ratio Lower Upper
152 100
150 160.5 128.3 192.5
115 63.5 52.4 78.6

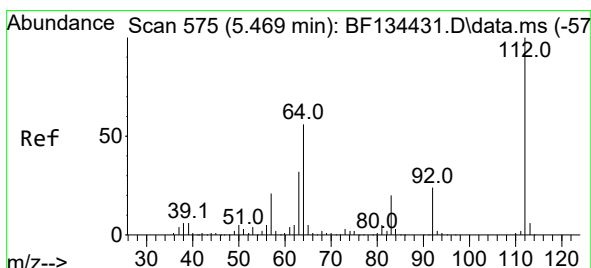
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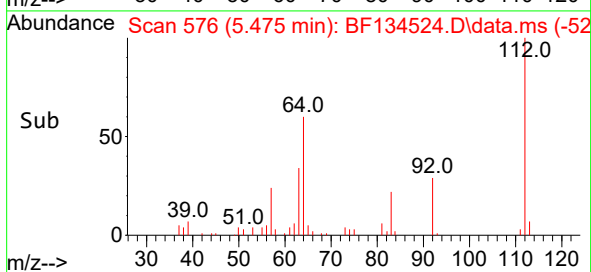
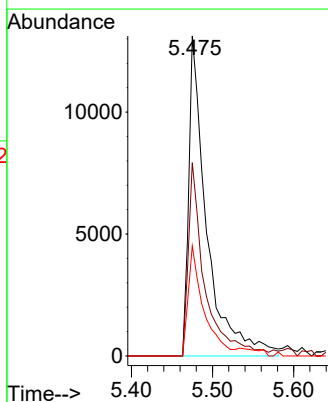
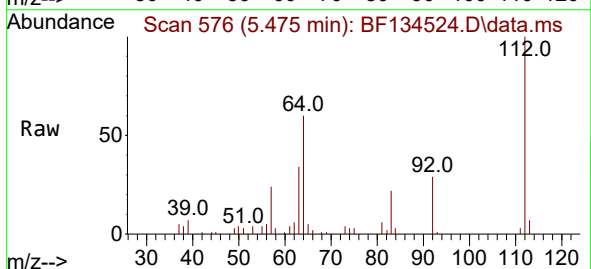
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ahmed

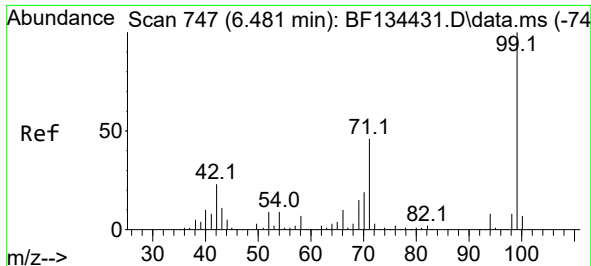
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#5
2-Fluorophenol
Concen: 5.016 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

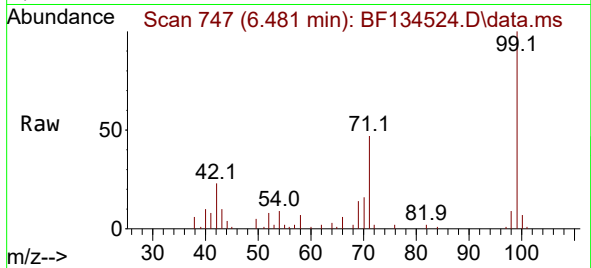
Tgt Ion:112 Resp: 20193
Ion Ratio Lower Upper
112 100
64 60.4 44.9 67.3
63 34.4 25.4 38.0





#7
Phenol-d6
Concen: 5.201 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

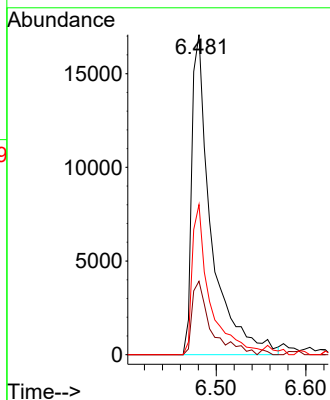
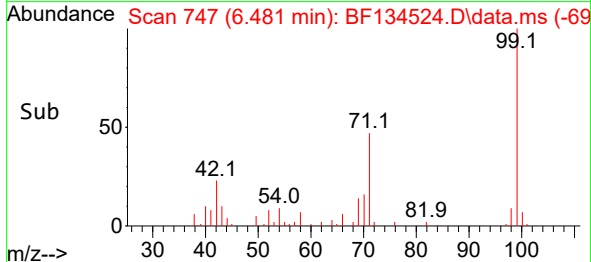
Instrument :
BNA_F
ClientSampleId :
OK-2-072523



Tgt Ion: 99 Resp: 2565
Ion Ratio Lower Upper
99 100
42 23.0 18.7 28.1
71 46.9 36.4 54.6

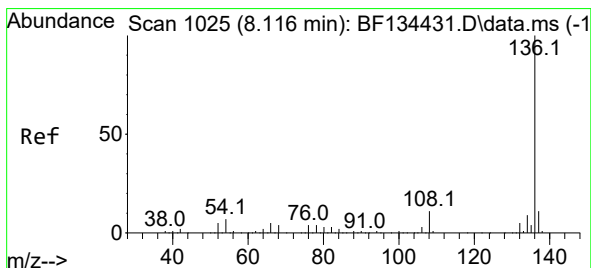
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Patel

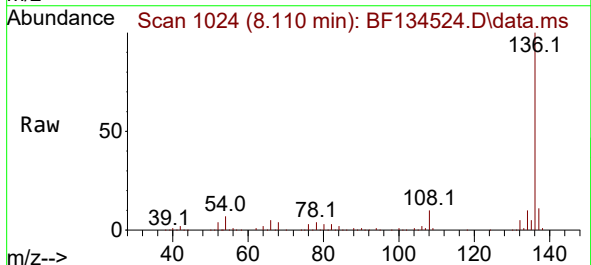


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ahmed

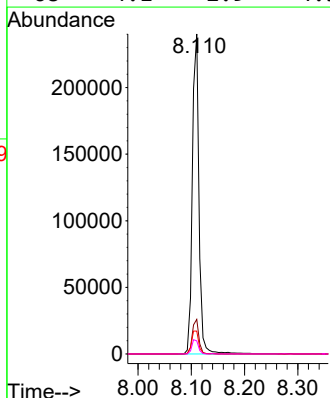
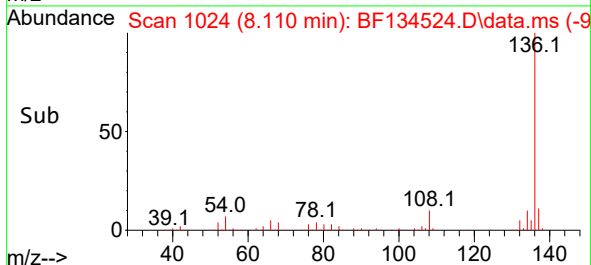
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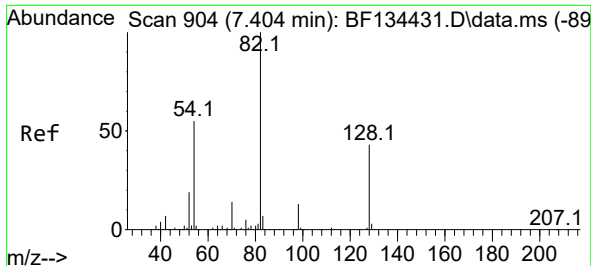


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59



Tgt Ion:136 Resp: 208219
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 5.2 7.8
68 4.1 2.9 4.3





#23
Nitrobenzene-d5
Concen: 4.191 ng
RT: 7.392 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Instrument :

BNA_F

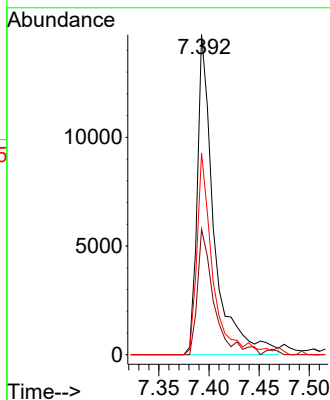
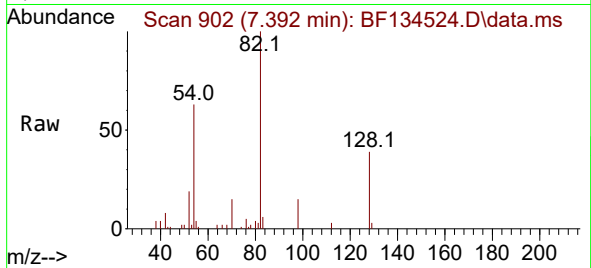
ClientSampleId :

OK-2-072523

Tgt Ion: 82 Resp: 17249
Ion Ratio Lower Upper
82 100
128 39.2 34.3 51.5
54 63.1 43.8 65.6

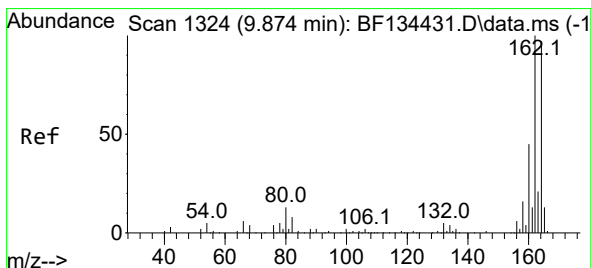
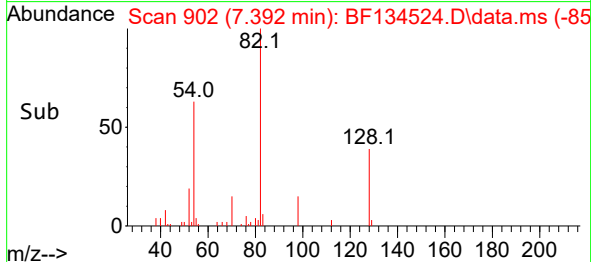
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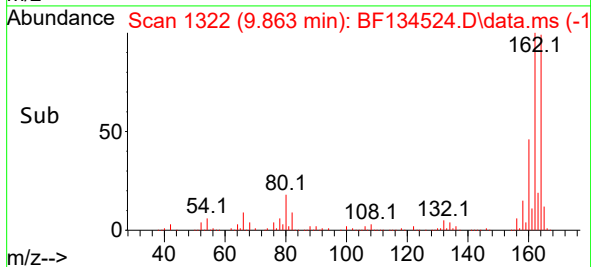
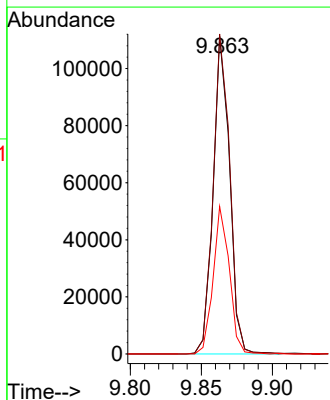
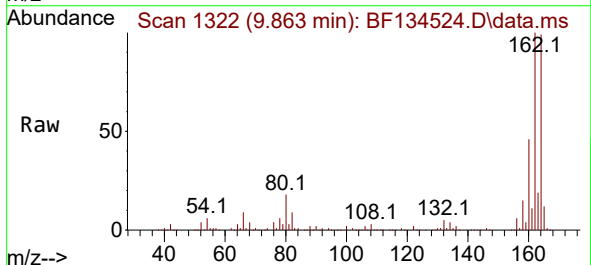
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Supervised By :mohammad
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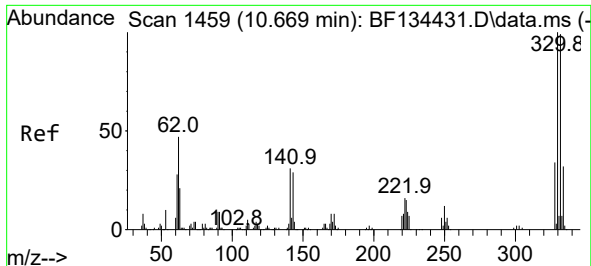
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Tgt Ion:164 Resp: 89259
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 46.4 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 4.336 ng
RT: 10.663 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Instrument :

BNA_F

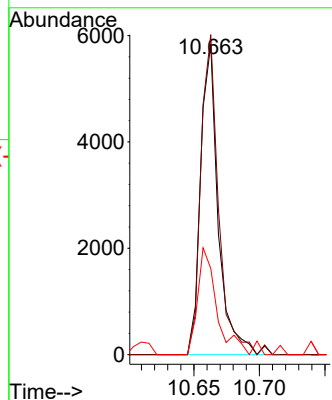
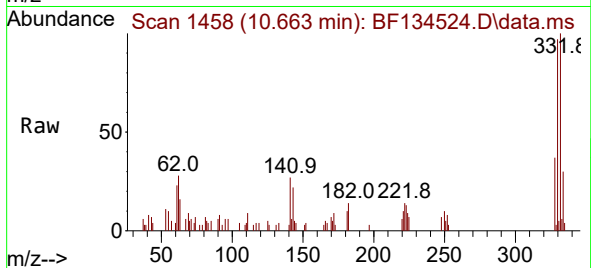
Client Sample Id :

OK-2-072523

Tgt Ion: 330 Resp: 5499
Ion Ratio Lower Upper
330 100
332 103.2 78.8 118.2
141 36.8 25.4 38.2

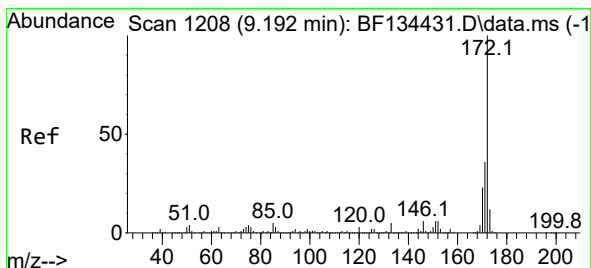
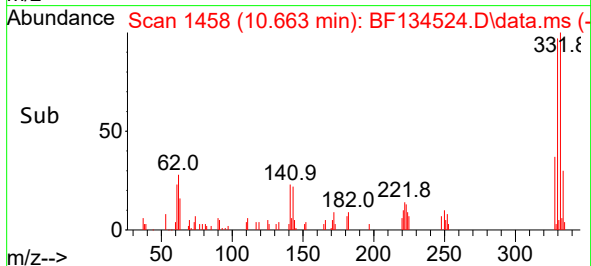
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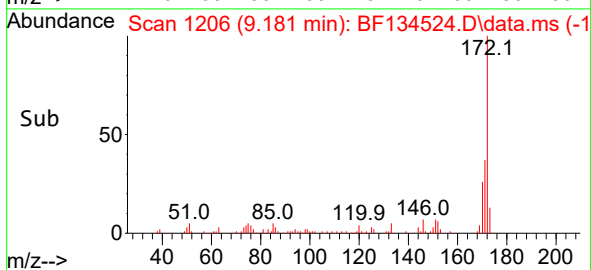
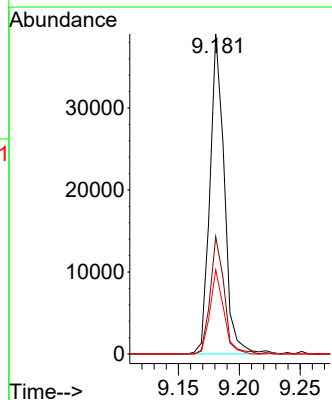
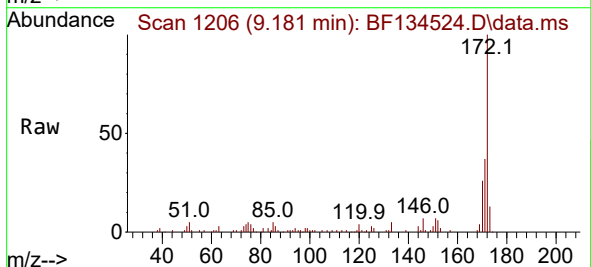
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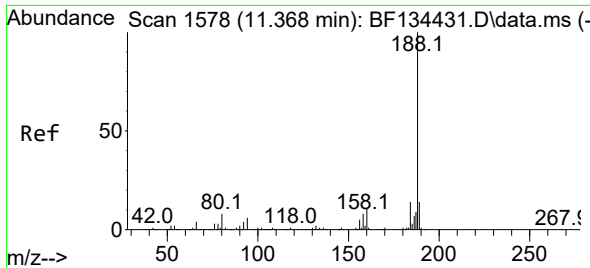
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#45
2-Fluorobiphenyl
Concen: 4.728 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Tgt Ion: 172 Resp: 32148
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 26.3 18.7 28.1





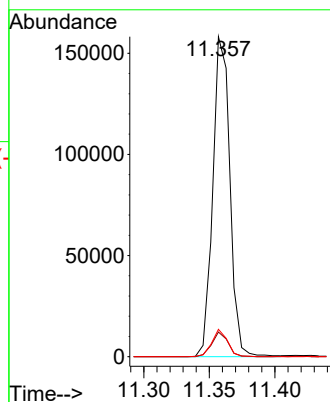
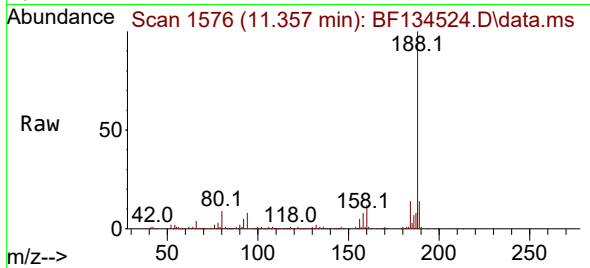
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Tgt Ion:188 Resp: 14332
Ion Ratio Lower Upper
188 100
94 7.7 5.1 7.7
80 8.5 6.6 9.8

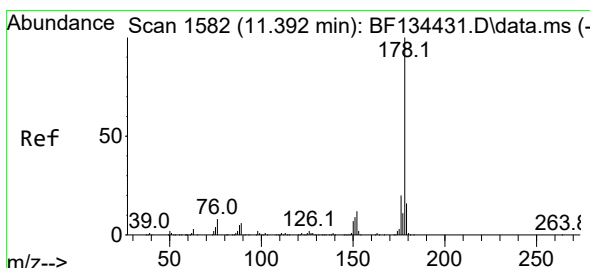
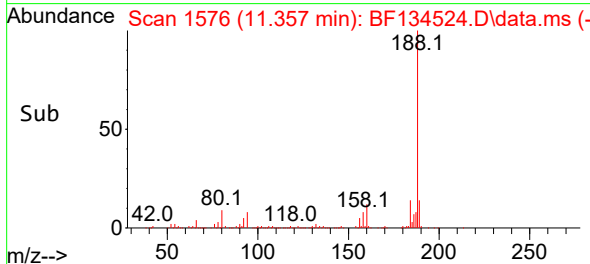
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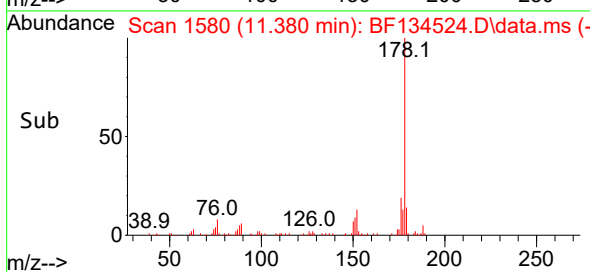
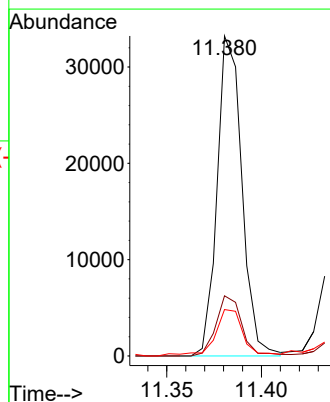
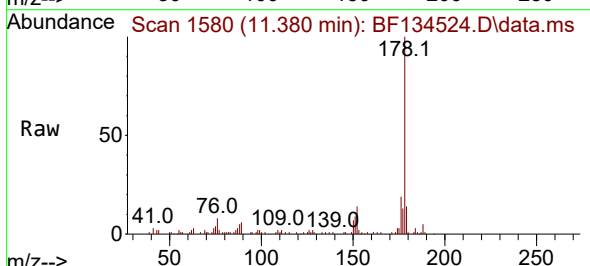
07/29/2023
Supervised By :mohammad
ahmed

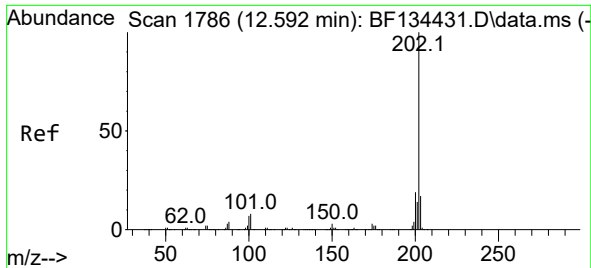
07/31/2023



#71
Phenanthrene
Concen: 4.033 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

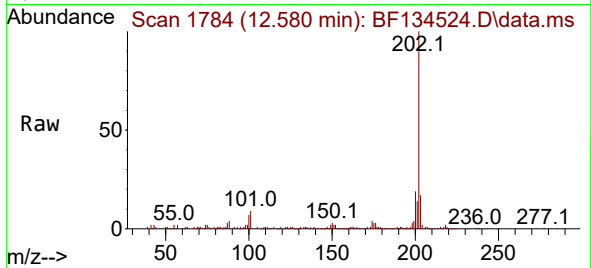
Tgt Ion:178 Resp: 30205
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 14.5 12.7 19.1





#75
Fluoranthene
Concen: 7.705 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

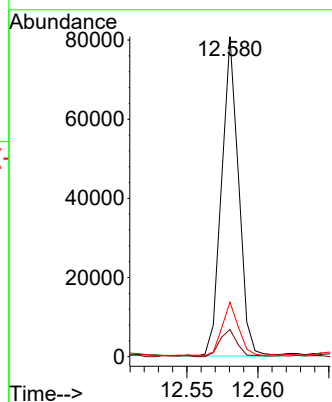
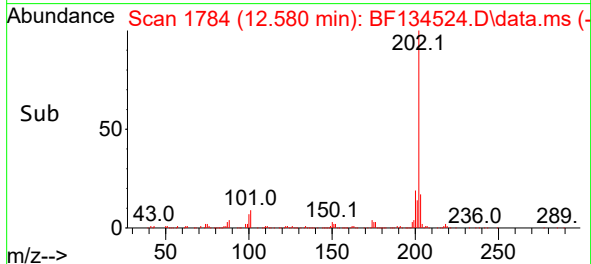
Instrument :
BNA_F
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OK-2-072523



Tgt Ion:202 Resp: 6724
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.5
203 17.1 0.0 37.5

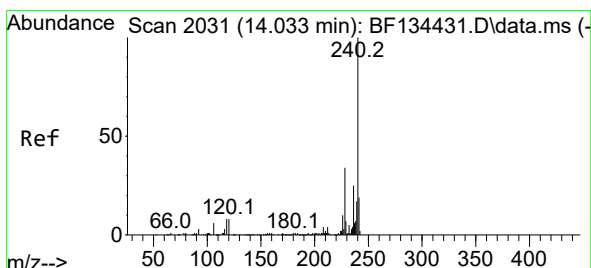
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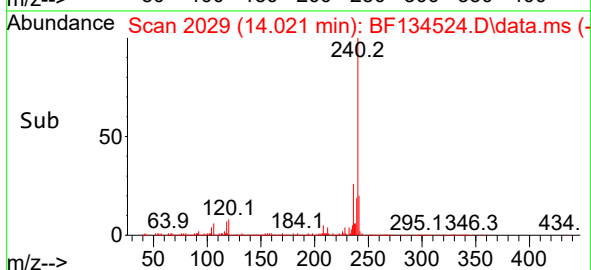
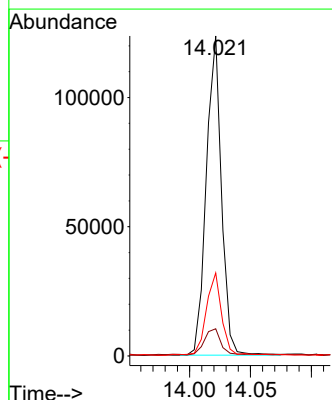
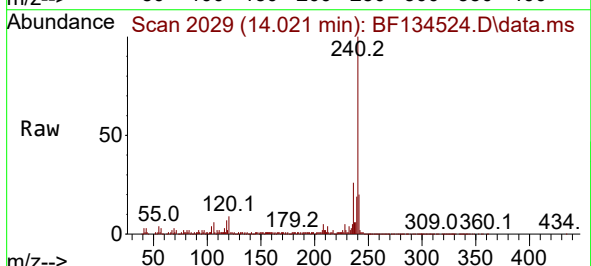
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ahmed

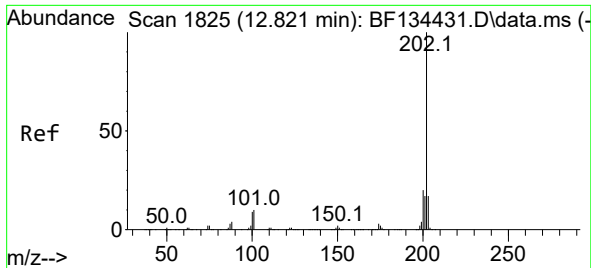
07/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Tgt Ion:240 Resp: 106515
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.0 20.2 30.2





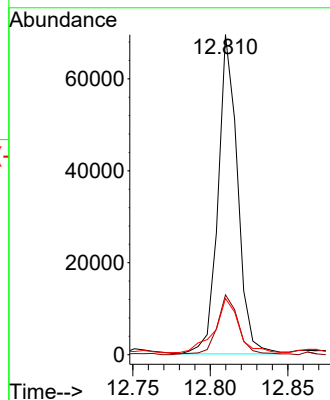
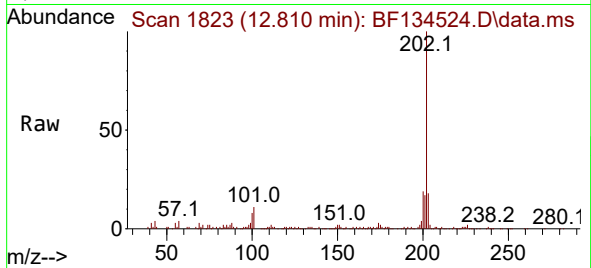
#78
Pyrene
Concen: 7.166 ng
RT: 12.810 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Tgt Ion:202 Resp: 6069
Ion Ratio Lower Upper
202 100
200 18.7 15.8 23.8
203 17.5 13.5 20.3

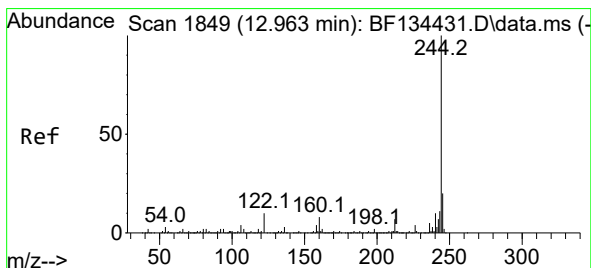
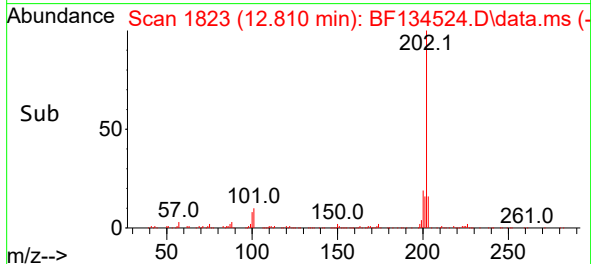
Manual Integrations
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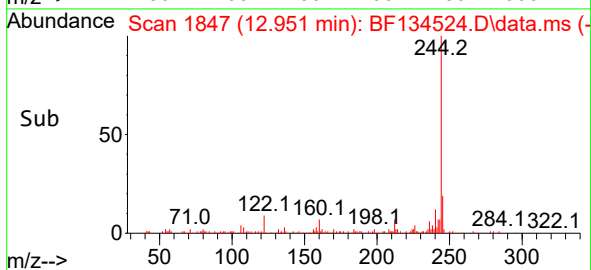
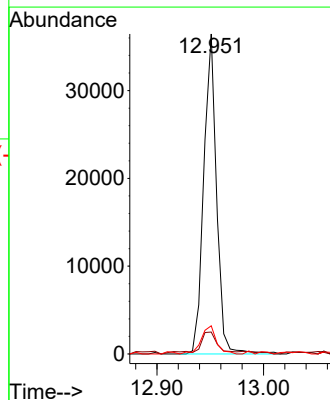
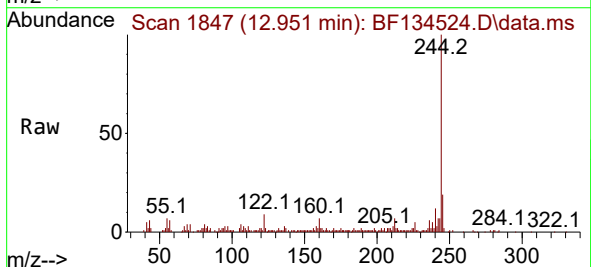
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Supervised By :mohammad
ahmed

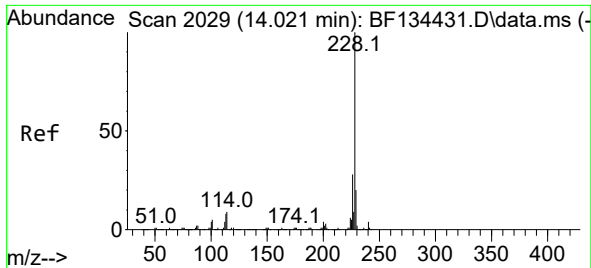
07/31/2023



#79
Terphenyl-d14
Concen: 5.021 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Tgt Ion:244 Resp: 30638
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 8.8 8.0 12.0





#81
Benzo(a)anthracene
Concen: 3.505 ng
RT: 14.010 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Instrument :

BNF

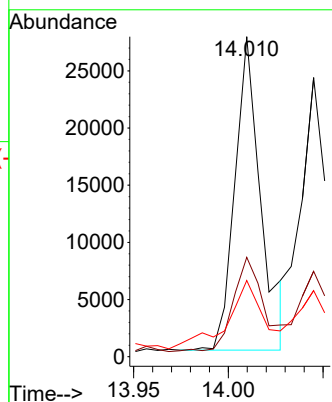
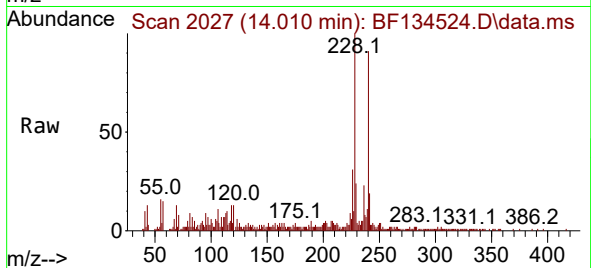
ClientSampleId :

OK-2-072523

Tgt Ion:228 Resp: 26050
Ion Ratio Lower Upper
228 100
226 31.1 22.3 33.5
229 23.8 15.8 23.6

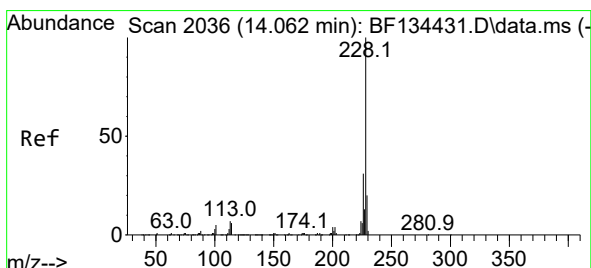
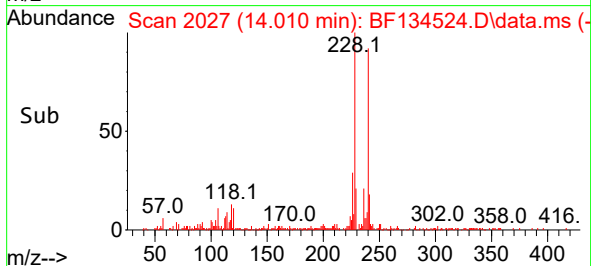
Manual Integrations
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Reviewed By :Yogesh
Patel



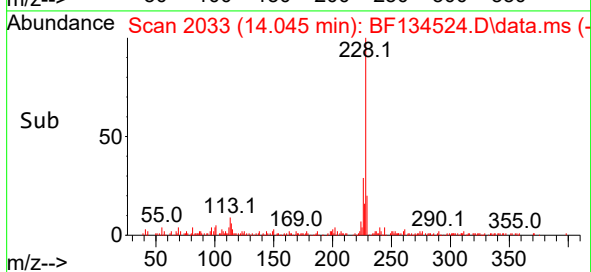
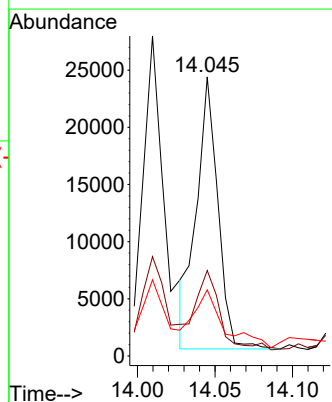
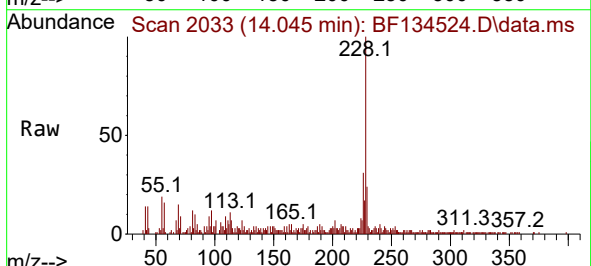
07/29/2023
Supervised By :mohammad
ahmed

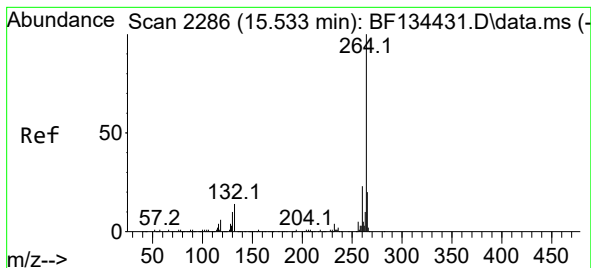
07/31/2023



#83
Chrysene
Concen: 3.232 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

Tgt Ion:228 Resp: 22975
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 23.7 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134524.D

Acq: 28 Jul 2023 19:59

Instrument :

BNA_F

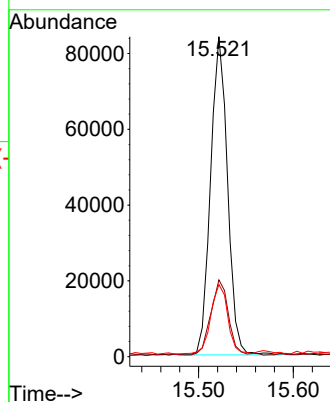
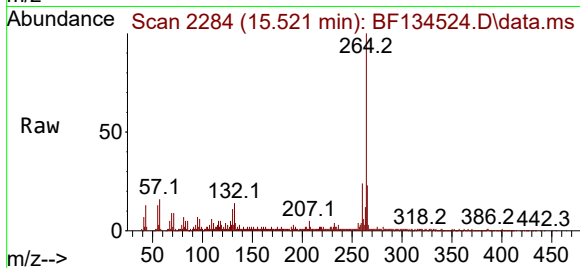
ClientSampleId :

OK-2-072523

Tgt Ion:264	Resp: 10445
Ion Ratio	Lower Upper
264 100	
260 24.0	18.4 27.6
265 22.6	15.8 23.8

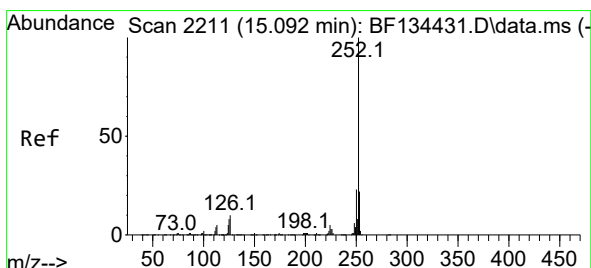
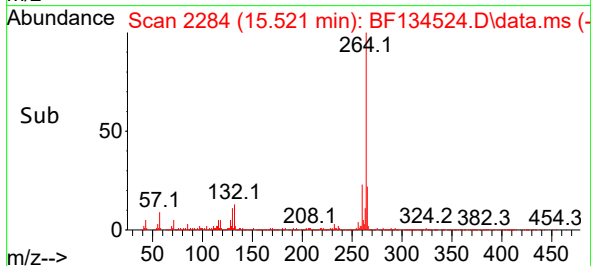
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#88

Benzo(b)fluoranthene

Concen: 3.584 ng m

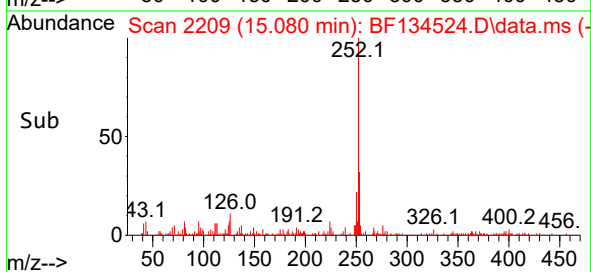
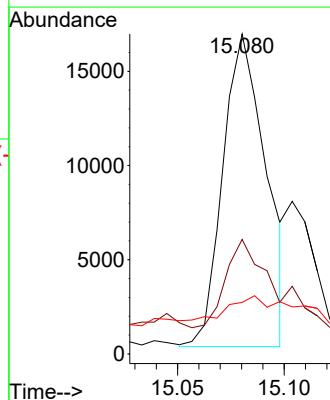
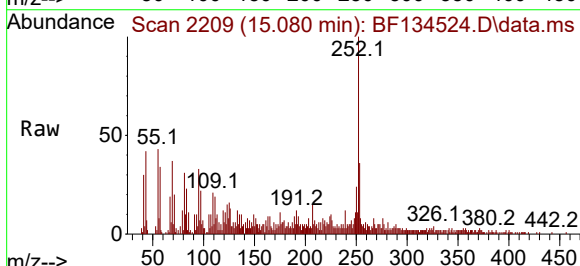
RT: 15.080 min Scan# 2209

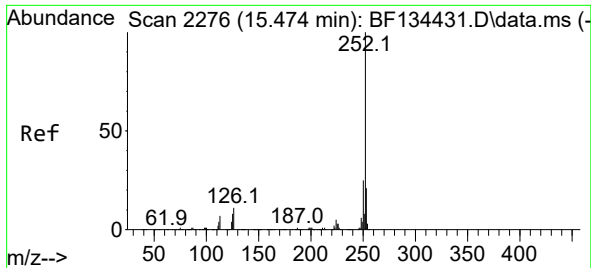
Delta R.T. 0.006 min

Lab File: BF134524.D

Acq: 28 Jul 2023 19:59

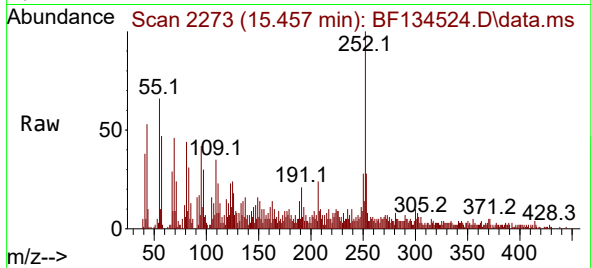
Tgt Ion:252	Resp: 23418
Ion Ratio	Lower Upper
252 100	
253 35.8	17.3 25.9#
125 16.1	6.0 9.0#





#90
Benzo(a)pyrene
Concen: 3.201 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134524.D
Acq: 28 Jul 2023 19:59

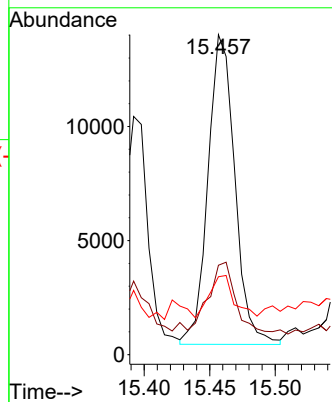
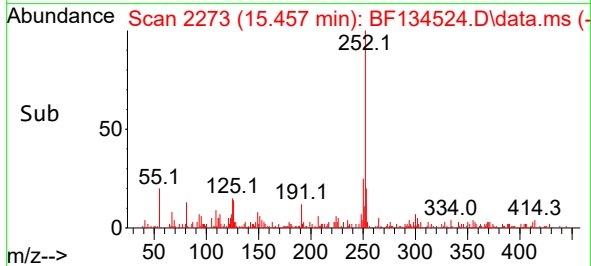
Instrument :
BNA_F
ClientSampleId :
OK-2-072523



Tgt Ion:252 Resp: 1933
Ion Ratio Lower Upper
252 100
253 28.0 17.0 25.4
125 24.4 6.2 9.4

Manual Integrations
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Reviewed By :Yogesh
Patel



07/29/2023
Supervised By :mohammad
ahmed

07/31/2023