

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134045.D
 Acq On : 29 Jun 2023 19:44
 Operator : CG\JU
 Sample : 03361-07RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-31-36RE

Quant Time: Jun 30 05:13:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100066	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	329653	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	135737	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	261480	20.000	ng	0.00
76) Chrysene-d12	14.039	240	173377	20.000	ng	0.00
86) Perylene-d12	15.545	264	139230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	498423	83.320	ng	0.00
7) Phenol-d6	6.487	99	621627	84.497	ng	0.00
23) Nitrobenzene-d5	7.410	82	412128	67.392	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	71475	41.998	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	697058	74.663	ng	0.00
79) Terphenyl-d14	12.974	244	759661	70.518	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.404	178	130063	9.881	ng	97
72) Anthracene	11.457	178	33312	2.433	ng	99
75) Fluoranthene	12.604	202	318681	22.394	ng	99
78) Pyrene	12.833	202	306173	18.976	ng	98
80) Butylbenzylphthalate	13.451	149	17625	2.913	ng	99
81) Benzo(a)anthracene	14.027	228	142538	11.854	ng	97
83) Chrysene	14.063	228	128000	10.991	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	37904	5.451	ng	93
87) Indeno(1,2,3-cd)pyrene	17.092	276	57802	5.983	ng	96
88) Benzo(b)fluoranthene	15.104	252	151215m	18.471	ng	
89) Benzo(k)fluoranthene	15.127	252	41744m	5.008	ng	
90) Benzo(a)pyrene	15.480	252	99269	12.539	ng	98
92) Benzo(g,h,i)perylene	17.562	276	57126	7.020	ng	98

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

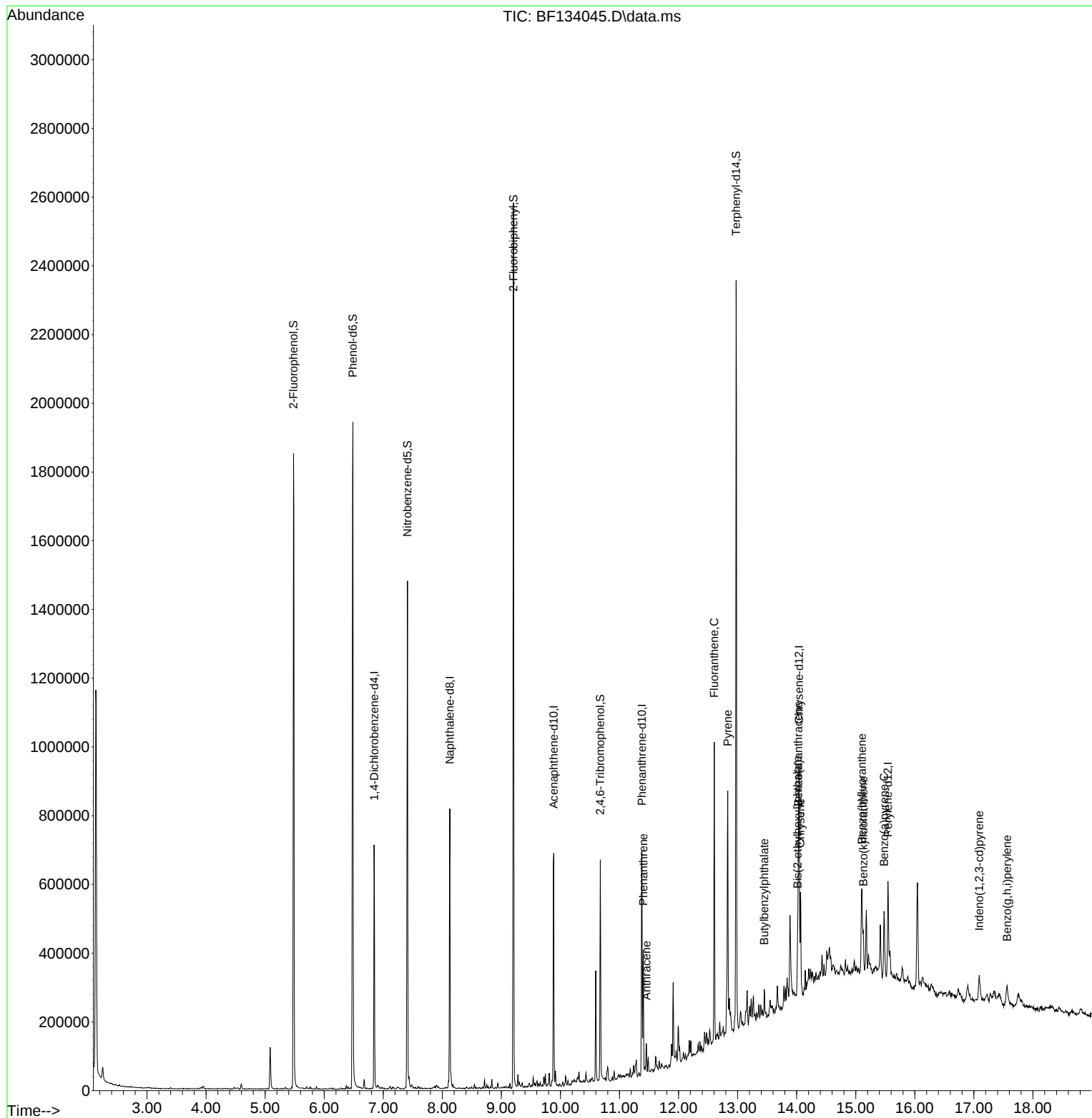
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
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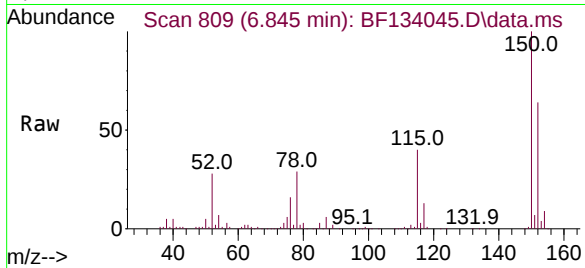
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

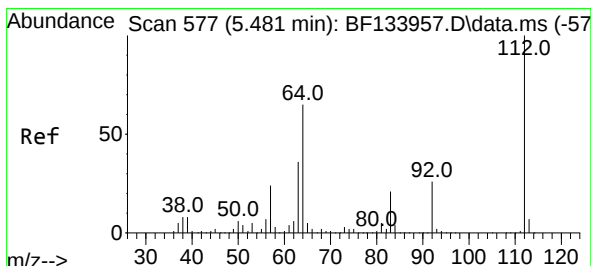
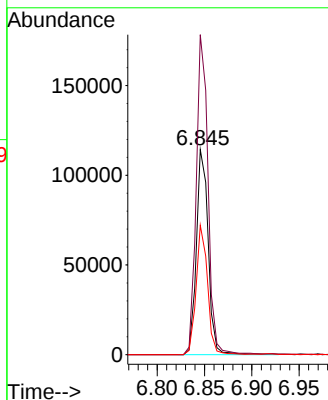
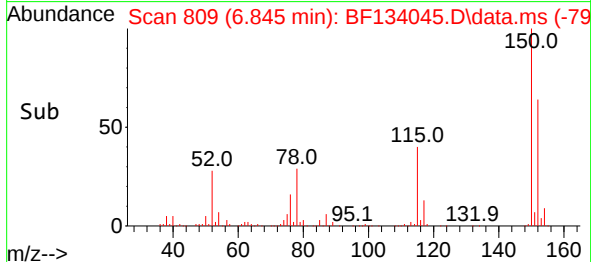
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



Tgt Ion:152 Resp: 100060
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 63.1 50.2 75.2

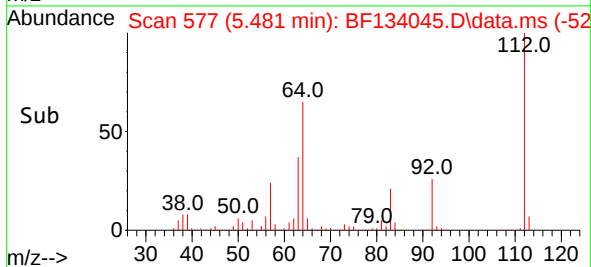
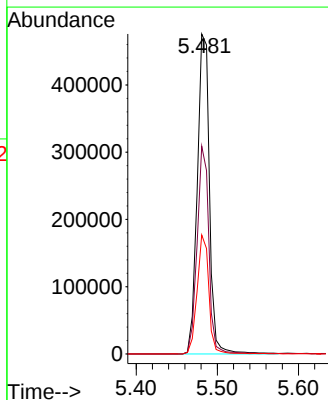
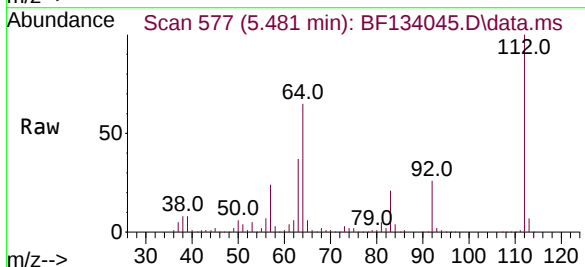
Manual Integrations
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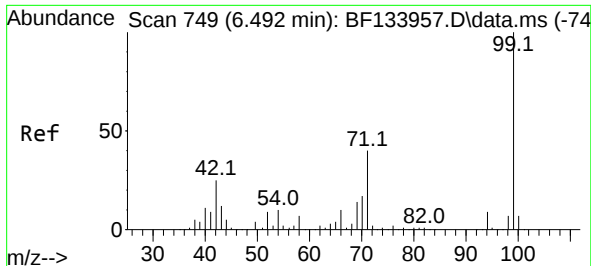
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#5
2-Fluorophenol
Concen: 83.320 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

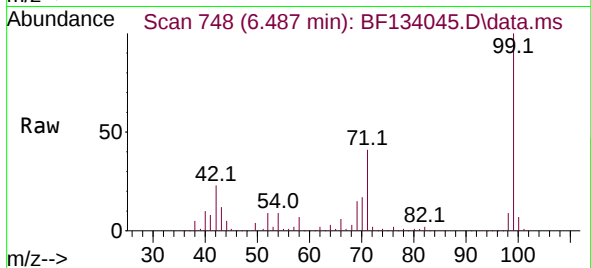
Tgt Ion:112 Resp: 498423
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 37.2 28.6 42.8





#7
Phenol-d6
Concen: 84.497 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

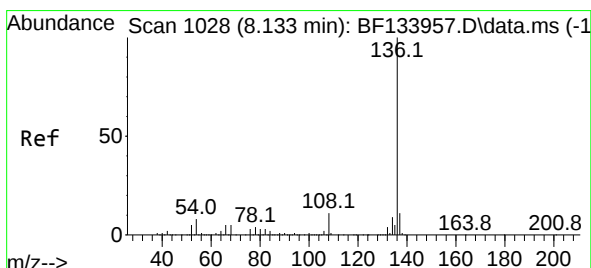
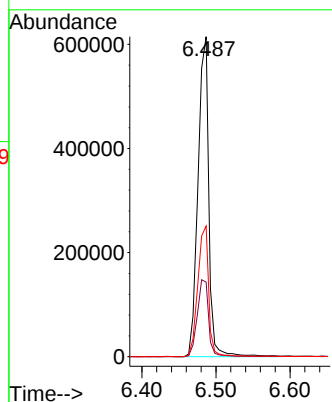
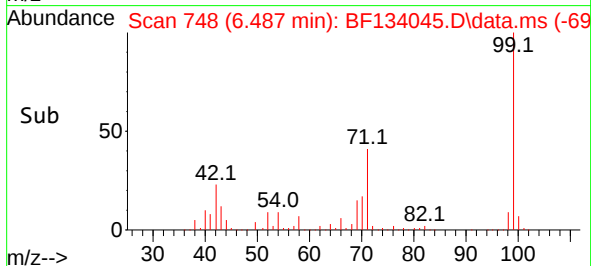
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



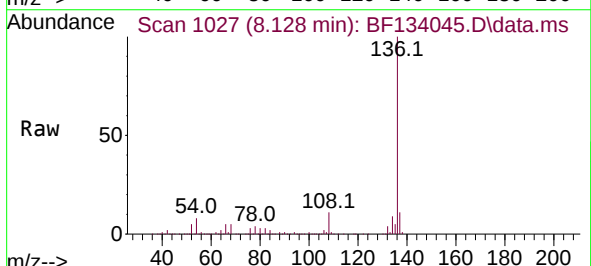
Tgt Ion: 99 Resp: 62162
Ion Ratio Lower Upper
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42 23.3 19.8 29.6
71 40.8 31.9 47.9

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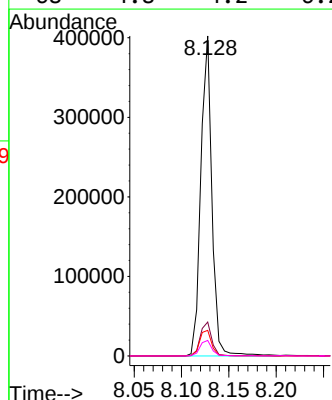
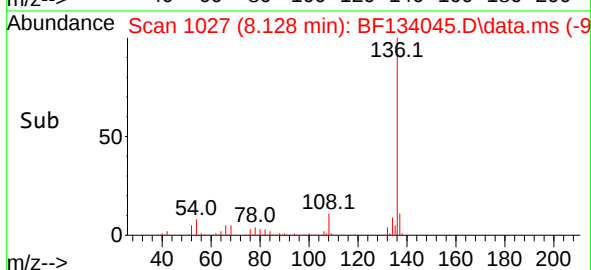
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

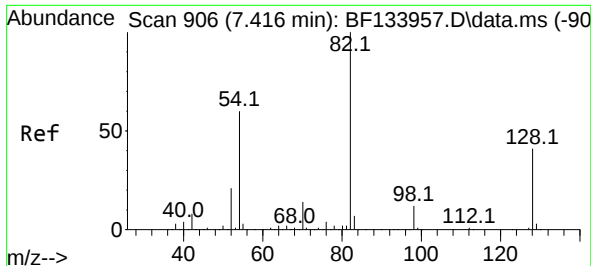


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44



Tgt Ion:136 Resp: 329653
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.0 6.5 9.7
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 67.392 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134045.D

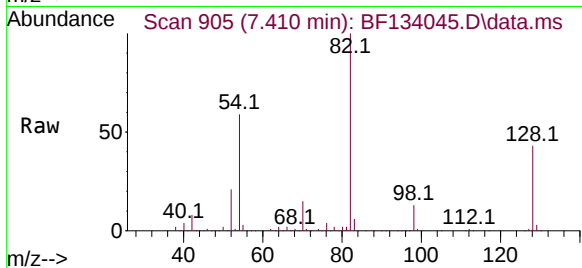
Acq: 29 Jun 2023 19:44

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-31-36RE



Tgt Ion: 82 Resp: 412128

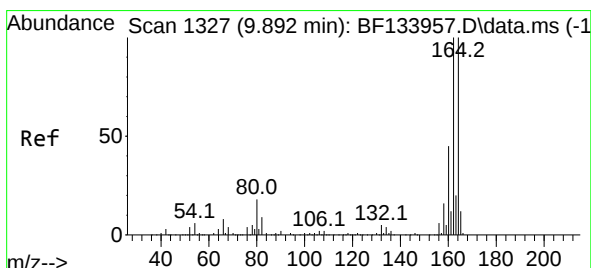
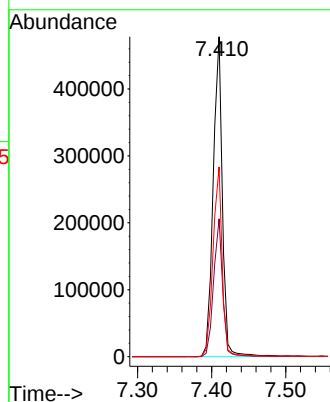
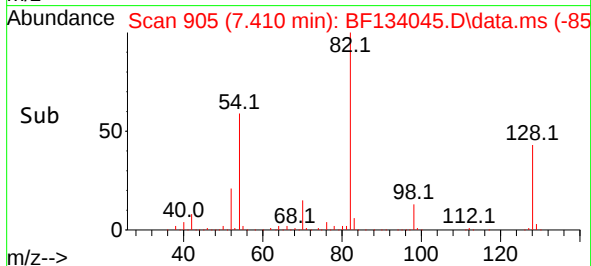
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.5	48.7
54	59.3	48.2	72.2

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

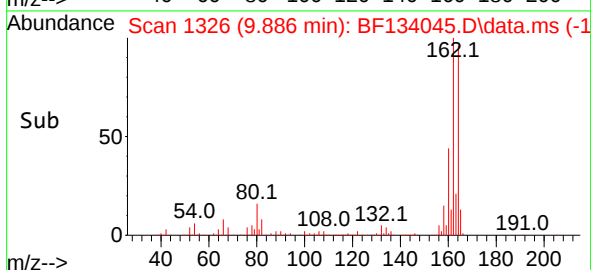
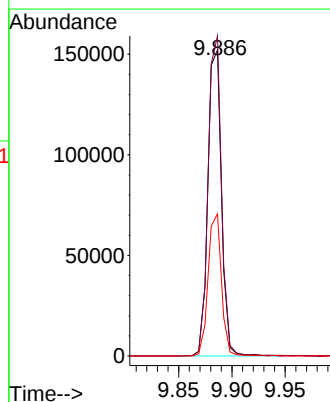
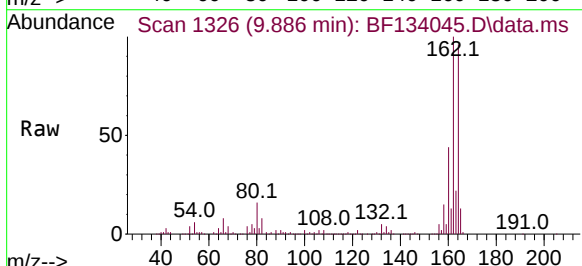
Delta R.T. -0.006 min

Lab File: BF134045.D

Acq: 29 Jun 2023 19:44

Tgt Ion:164 Resp: 135737

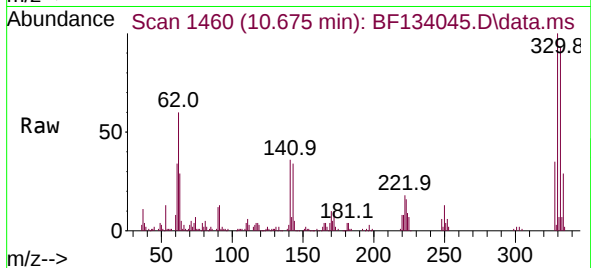
Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.0	120.0
160	46.4	35.9	53.9





#42
2,4,6-Tribromophenol
Concen: 41.998 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

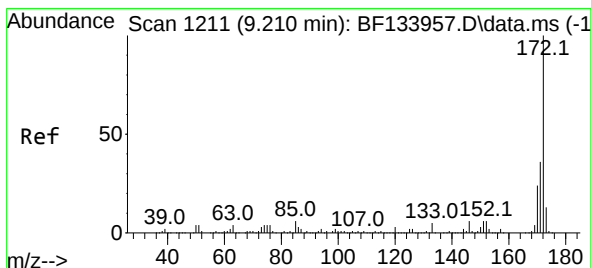
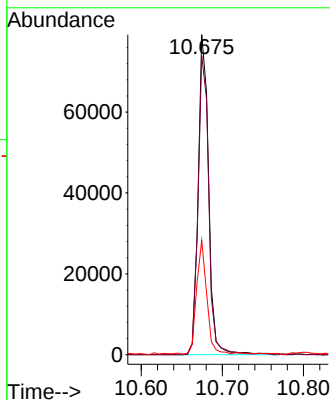
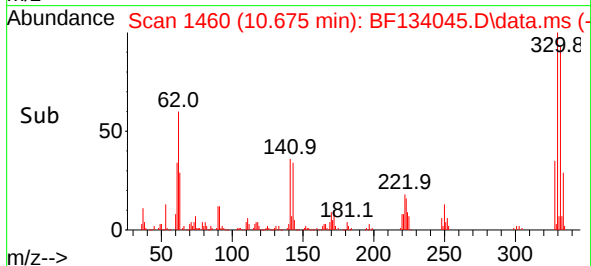
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



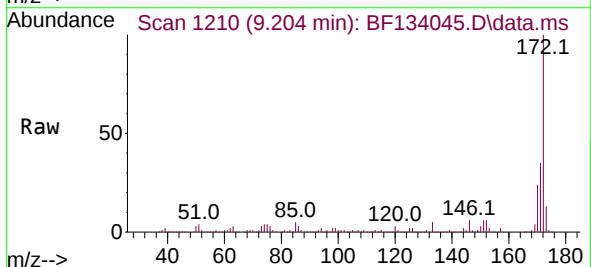
Tgt Ion:330 Resp: 71475
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 34.2 26.3 39.5

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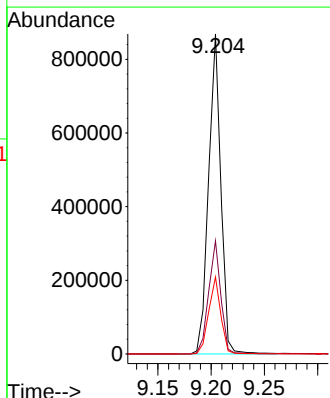
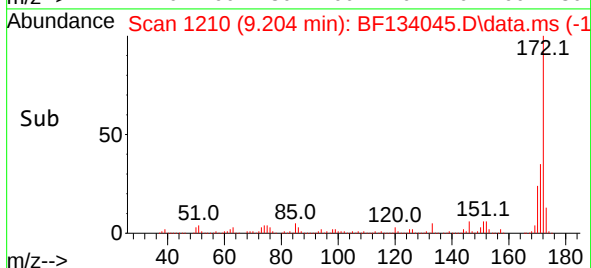
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

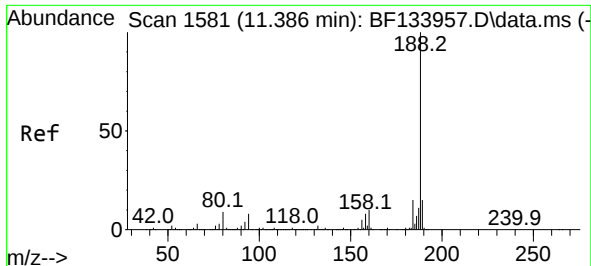


#45
2-Fluorobiphenyl
Concen: 74.663 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44



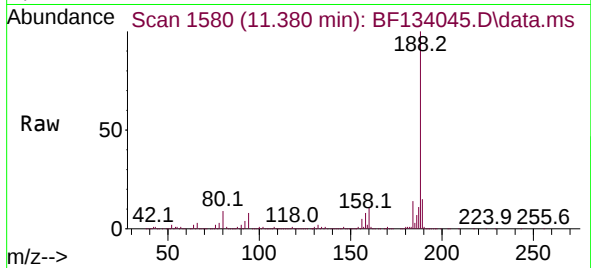
Tgt Ion:172 Resp: 697058
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.1 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11380
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

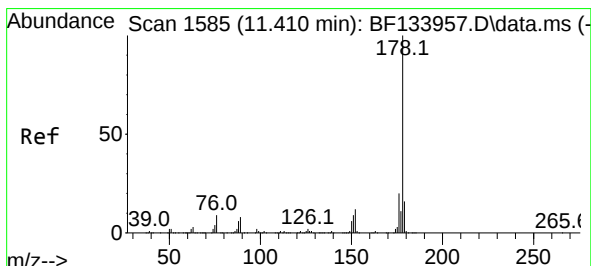
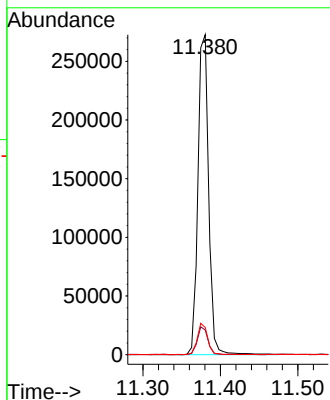
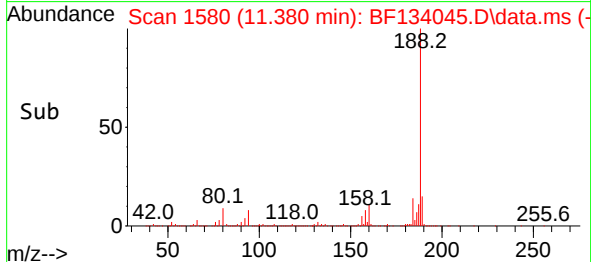
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



Tgt Ion:188 Resp: 261480
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 7.3 10.9

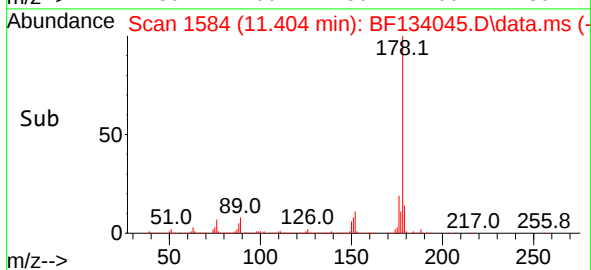
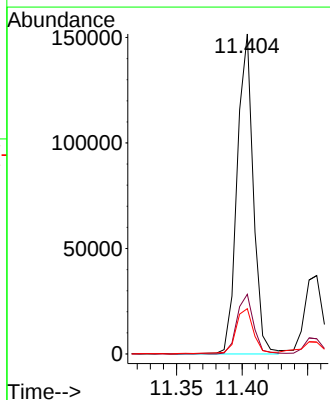
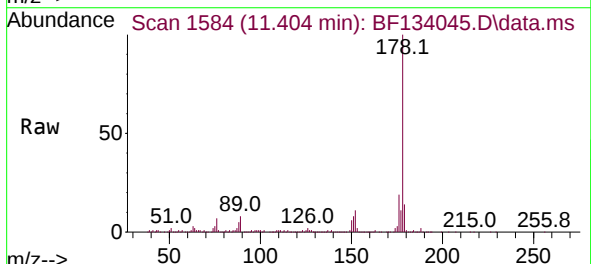
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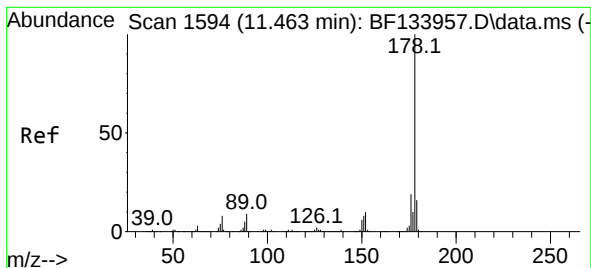
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#71
Phenanthrene
Concen: 9.881 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

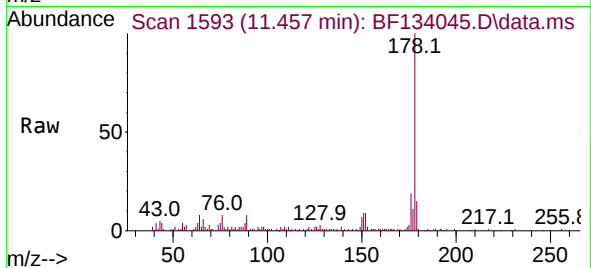
Tgt Ion:178 Resp: 130063
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 14.2 12.4 18.6





#72
 Anthracene
 Concen: 2.433 ng
 RT: 11.457 min Scan# 1594
 Delta R.T. -0.006 min
 Lab File: BF134045.D
 Acq: 29 Jun 2023 19:44

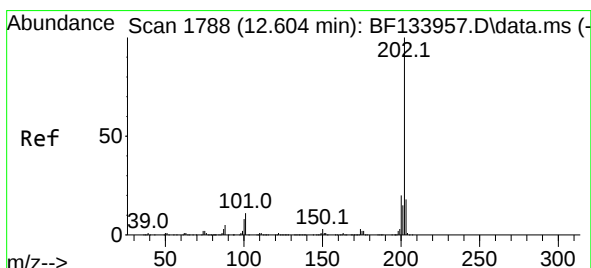
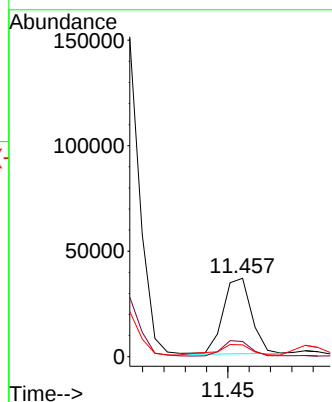
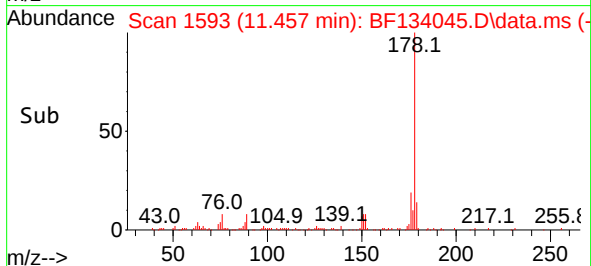
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-31-36RE



Tgt Ion:178 Resp: 33312
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.3 22.9
 179 15.1 12.4 18.6

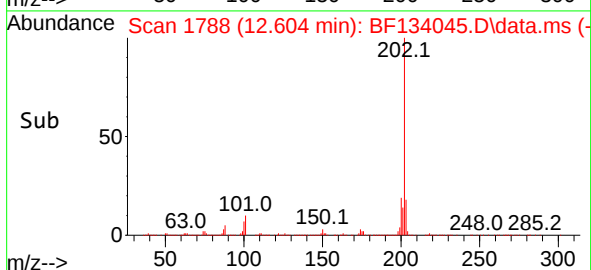
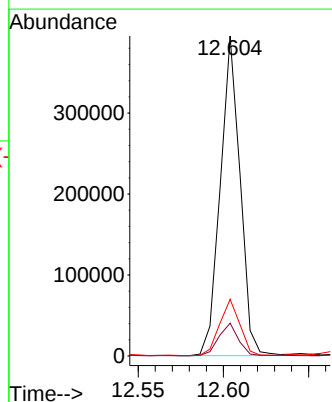
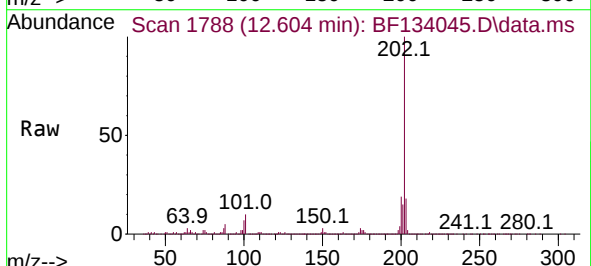
Manual Integrations
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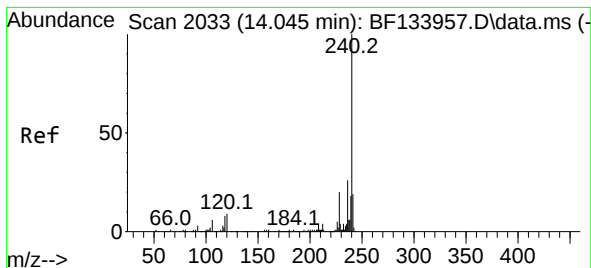
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#75
 Fluoranthene
 Concen: 22.394 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BF134045.D
 Acq: 29 Jun 2023 19:44

Tgt Ion:202 Resp: 318681
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 31.0
 203 17.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134045.D

Acq: 29 Jun 2023 19:44

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-31-36RE

Tgt Ion:240 Resp: 17337

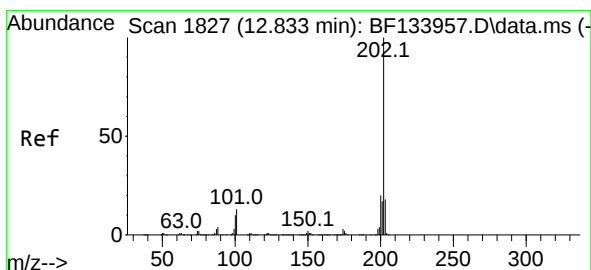
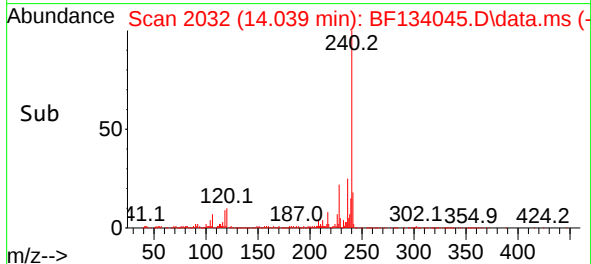
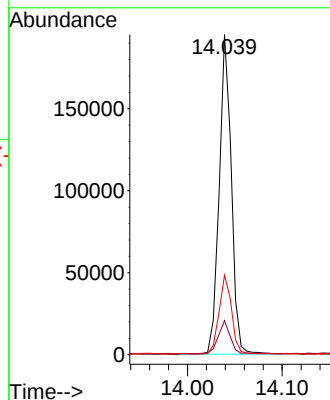
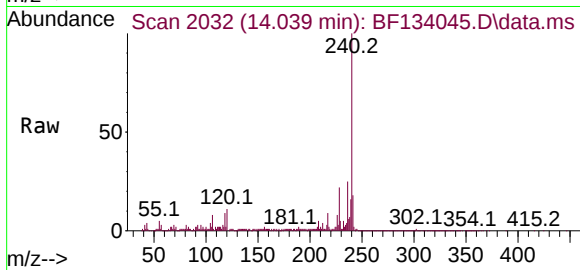
Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.4	11.0
236	24.9	21.0	31.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#78

Pyrene

Concen: 18.976 ng

RT: 12.833 min Scan# 1827

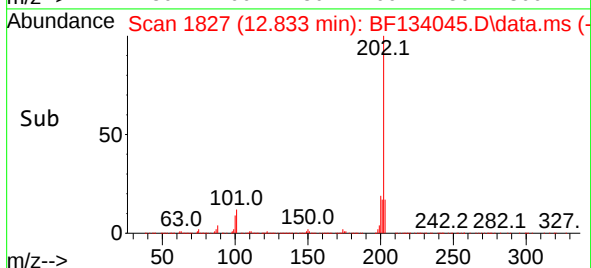
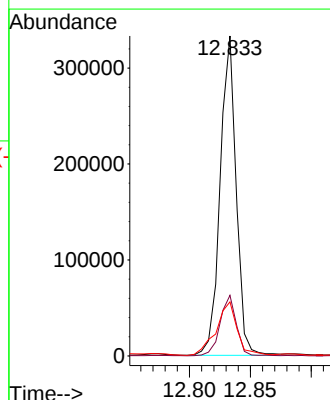
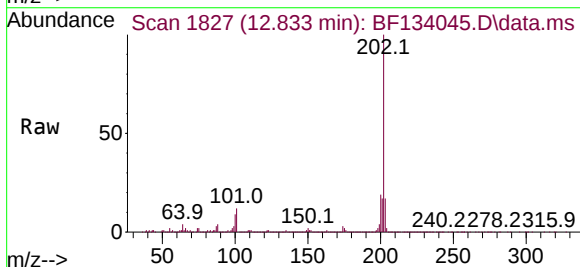
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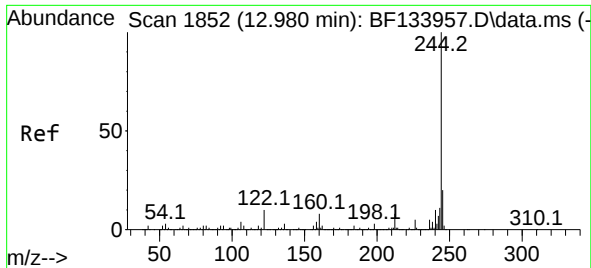
Lab File: BF134045.D

Acq: 29 Jun 2023 19:44

Tgt Ion:202 Resp: 306173

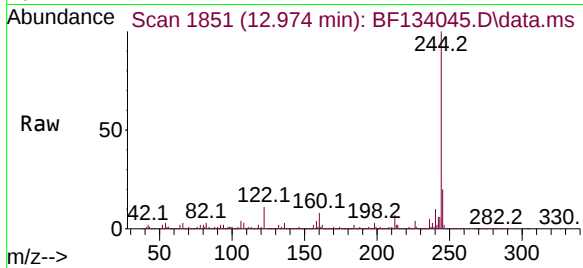
Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.1	24.1
203	16.9	14.3	21.5





#79
 Terphenyl-d14
 Concen: 70.518 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134045.D
 Acq: 29 Jun 2023 19:44

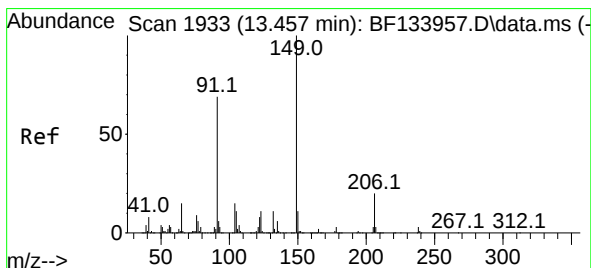
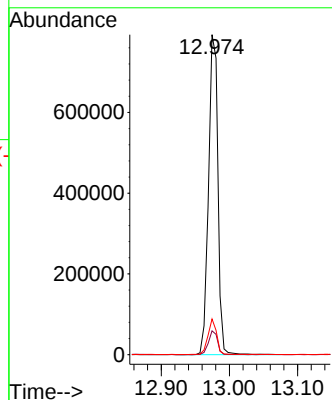
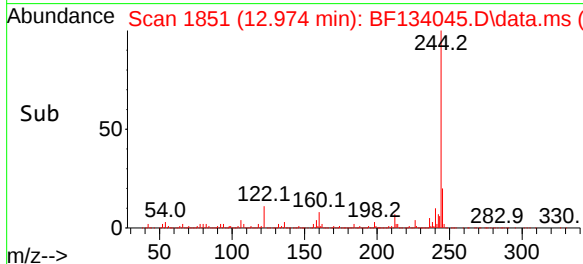
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-31-36RE



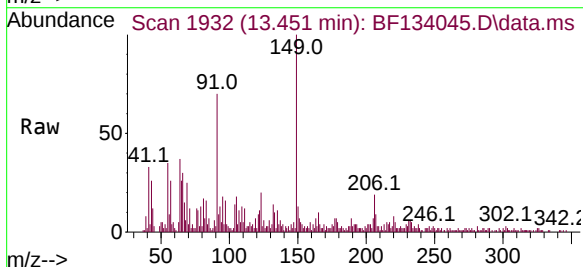
Tgt Ion:244 Resp: 75966
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.2 8.3 12.5

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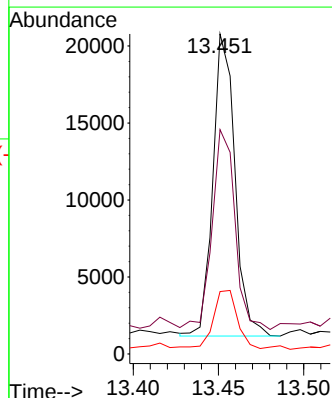
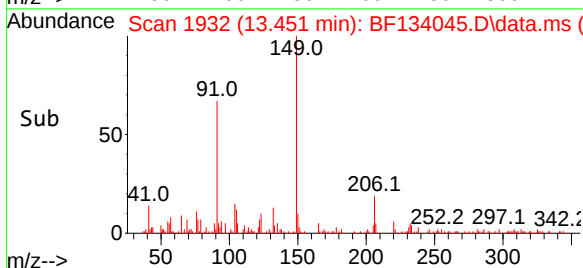
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

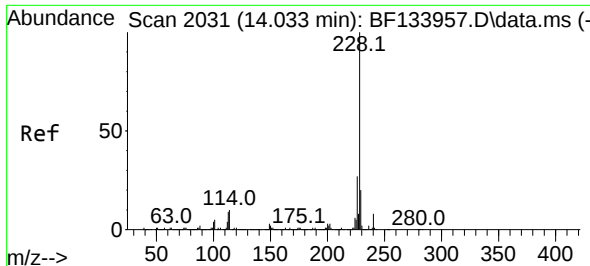


#80
 Butylbenzylphthalate
 Concen: 2.913 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF134045.D
 Acq: 29 Jun 2023 19:44



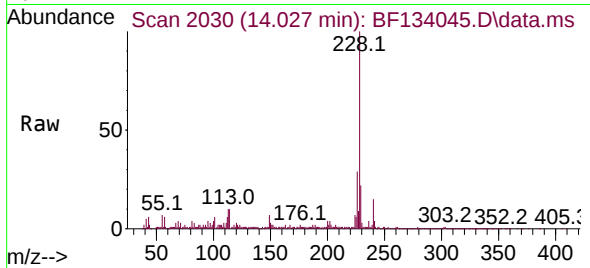
Tgt Ion:149 Resp: 17625
 Ion Ratio Lower Upper
 149 100
 91 70.1 55.1 82.7
 206 19.5 15.7 23.5





#81
Benzo(a)anthracene
Concen: 11.854 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

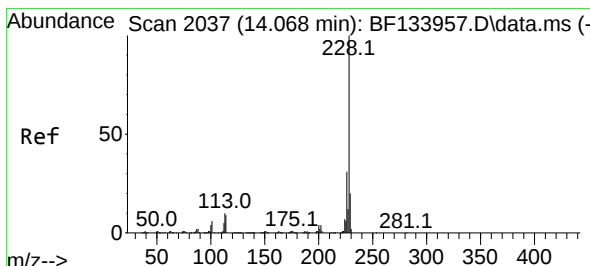
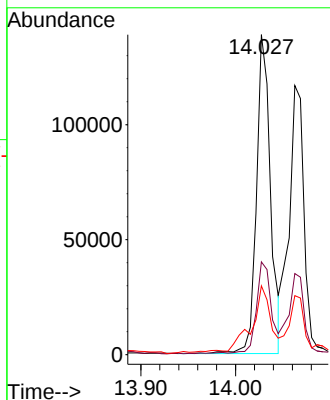
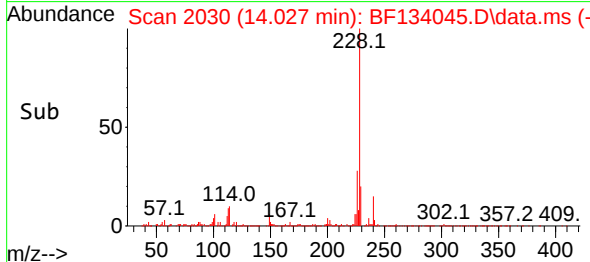
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



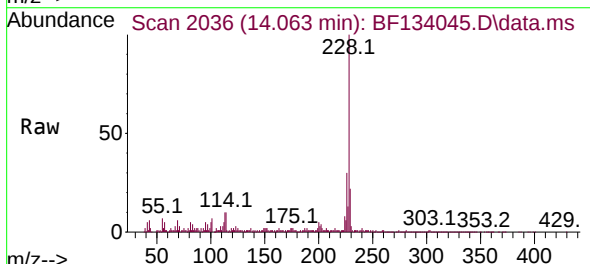
Tgt Ion:228 Resp: 142538
Ion Ratio Lower Upper
228 100
226 29.0 22.0 33.0
229 21.5 16.3 24.5

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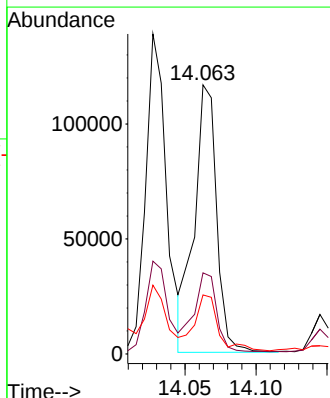
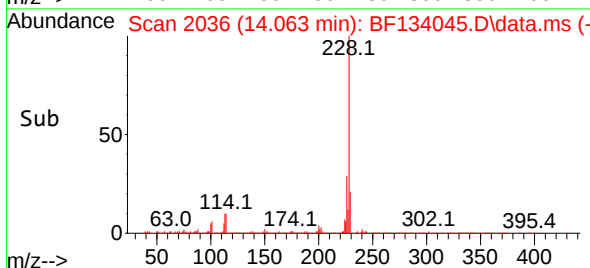
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

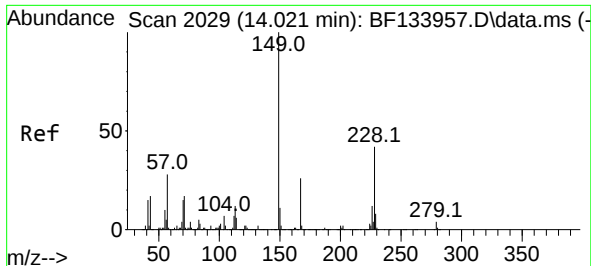


#83
Chrysene
Concen: 10.991 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44



Tgt Ion:228 Resp: 128000
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 22.0 16.1 24.1





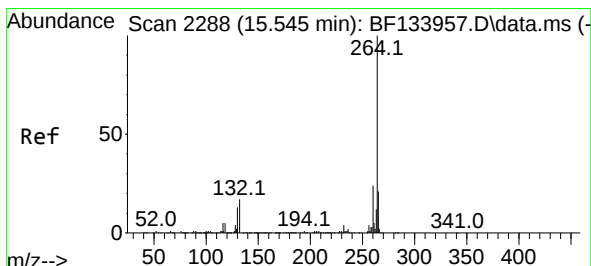
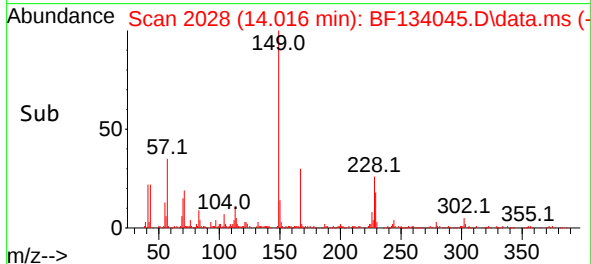
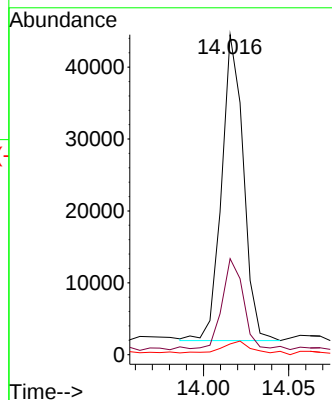
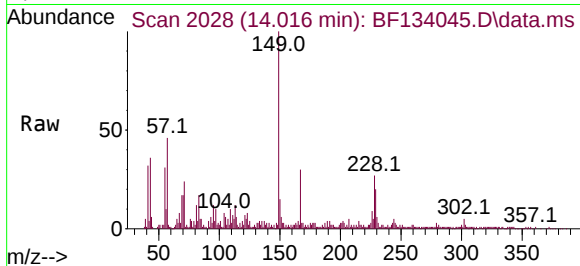
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.451 ng
RT: 14.016 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE

Tgt Ion:149 Resp: 37904
Ion Ratio Lower Upper
149 100
167 30.0 21.0 31.4
279 3.4 3.3 4.9

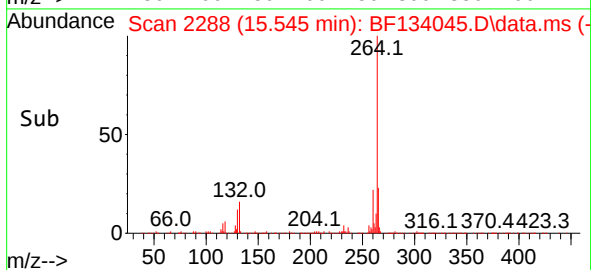
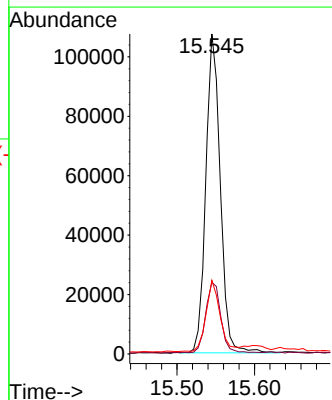
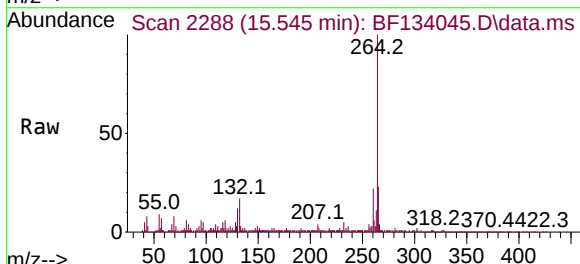
Manual Integrations
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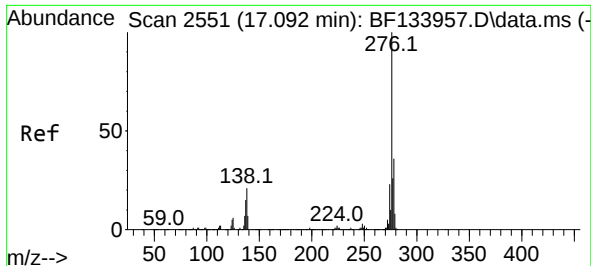
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

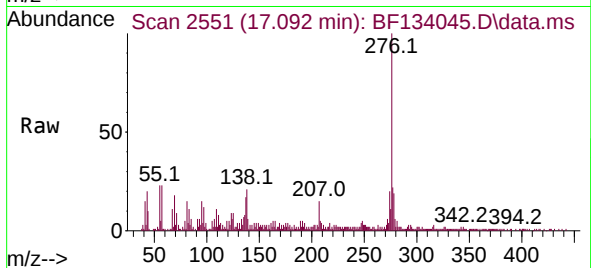
Tgt Ion:264 Resp: 139230
Ion Ratio Lower Upper
264 100
260 22.4 19.5 29.3
265 23.0 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.983 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

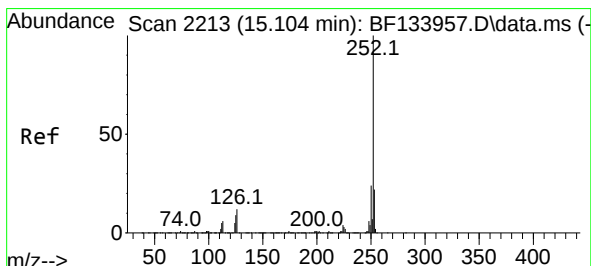
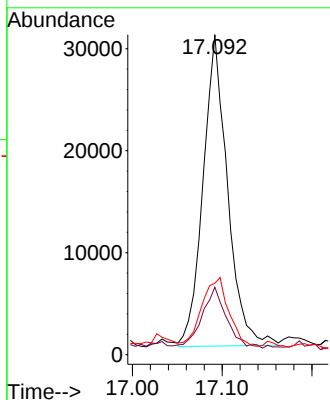
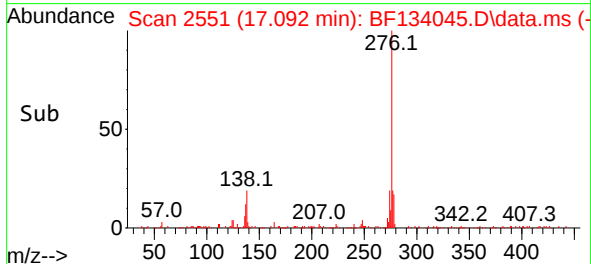
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



Tgt Ion:276 Resp: 5780
Ion Ratio Lower Upper
276 100
138 20.2 18.7 28.1
277 24.1 19.9 29.9

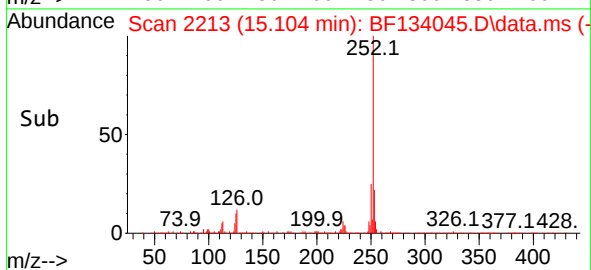
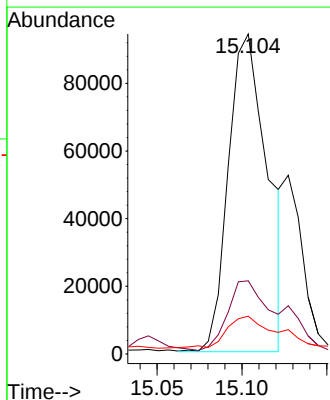
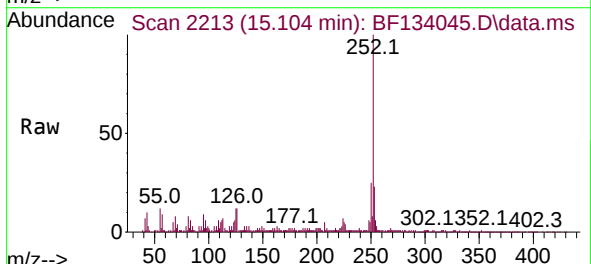
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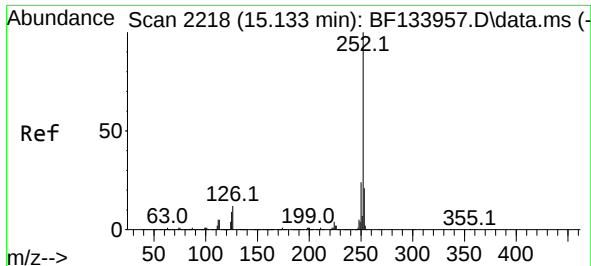
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#88
Benzo(b)fluoranthene
Concen: 18.471 ng m
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

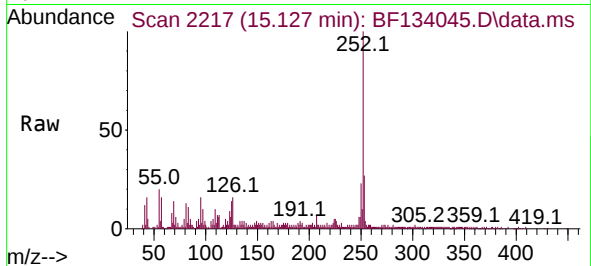
Tgt Ion:252 Resp: 151215
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.8 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 5.008 ng m
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

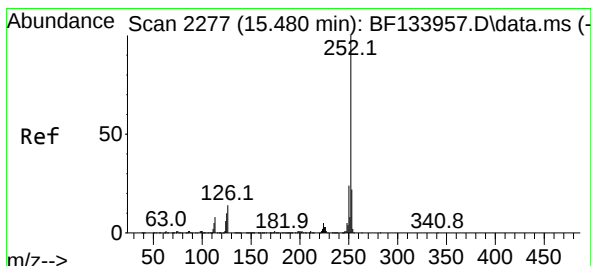
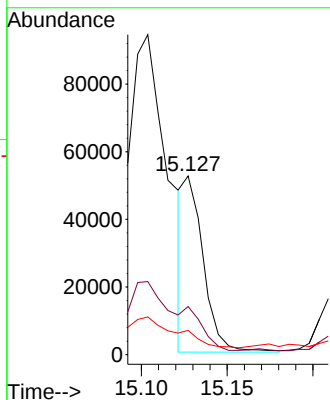
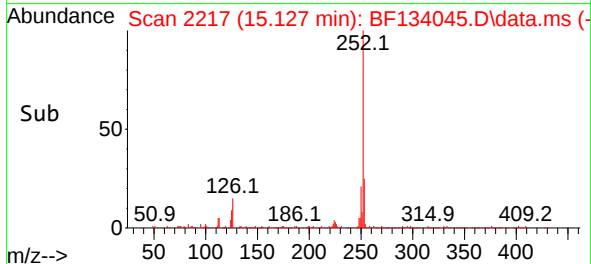
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



Tgt Ion:252 Resp: 41744
Ion Ratio Lower Upper
252 100
253 27.0 16.9 25.3
125 13.6 7.4 11.2

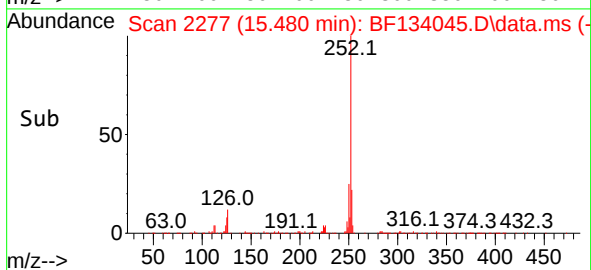
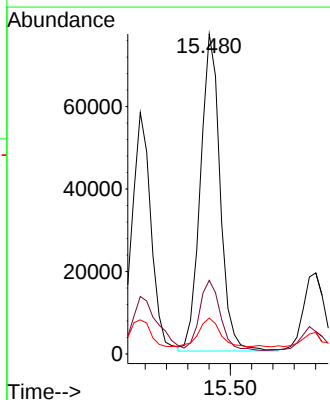
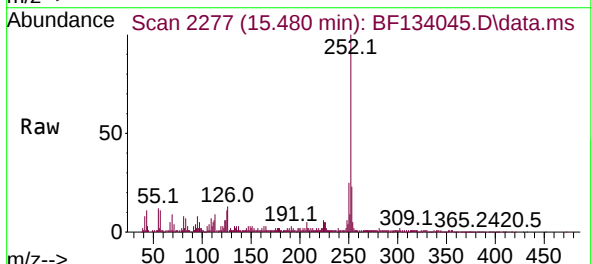
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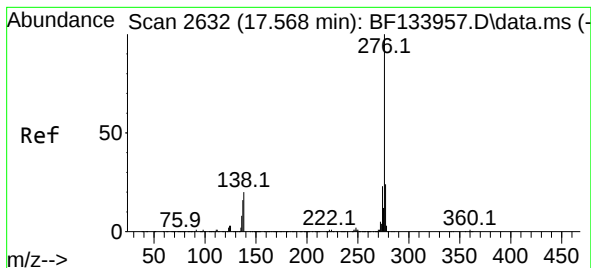
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#90
Benzo(a)pyrene
Concen: 12.539 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

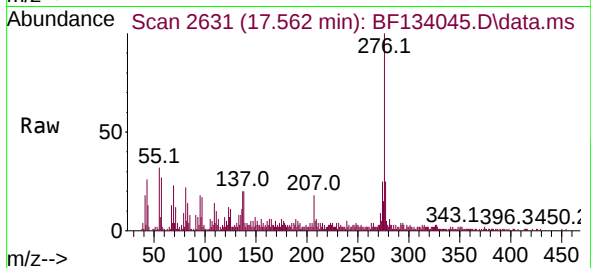
Tgt Ion:252 Resp: 99269
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.2 8.4 12.6





#92
Benzo(g,h,i)perylene
Concen: 7.020 ng
RT: 17.562 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF134045.D
Acq: 29 Jun 2023 19:44

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36RE



Tgt Ion:276 Resp: 57120
Ion Ratio Lower Upper
276 100
277 25.0 19.0 28.6
138 19.9 16.2 24.2

Manual Integrations
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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

