

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130491.D
 Acq On : 30 Sep 2022 18:52
 Operator : CG\JU
 Sample : N4895-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-8RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
 Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 01 01:36:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	98699	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	367579	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	180311	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	274722	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	190486	20.000	ng	-0.01
86) Perylene-d12	15.168	264	230949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	26817	4.713	ng	0.00
7) Phenol-d6	6.275	99	273877	38.465	ng	-0.02
23) Nitrobenzene-d5	7.204	82	476180	66.183	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	184	0.106	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	910009	73.492	ng	-0.01
79) Terphenyl-d14	12.733	244	758743	65.981	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.787	79	76935m	13.628	ng	
71) Phenanthrene	11.169	178	75334	4.884	ng	98
75) Fluoranthene	12.357	202	112539	7.551	ng	96
78) Pyrene	12.580	202	97961	5.879	ng	98
81) Benzo(a)anthracene	13.769	228	47503	3.749	ng	98
83) Chrysene	13.804	228	42577	3.539	ng	97
84) Bis(2-ethylhexyl)phtha...	13.774	149	115012	16.265	ng	# 97
88) Benzo(b)fluoranthene	14.780	252	63328m	4.201	ng	
90) Benzo(a)pyrene	15.110	252	42142	3.529	ng	99
92) Benzo(g,h,i)perylene	16.874	276	27569	2.037	ng	96

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

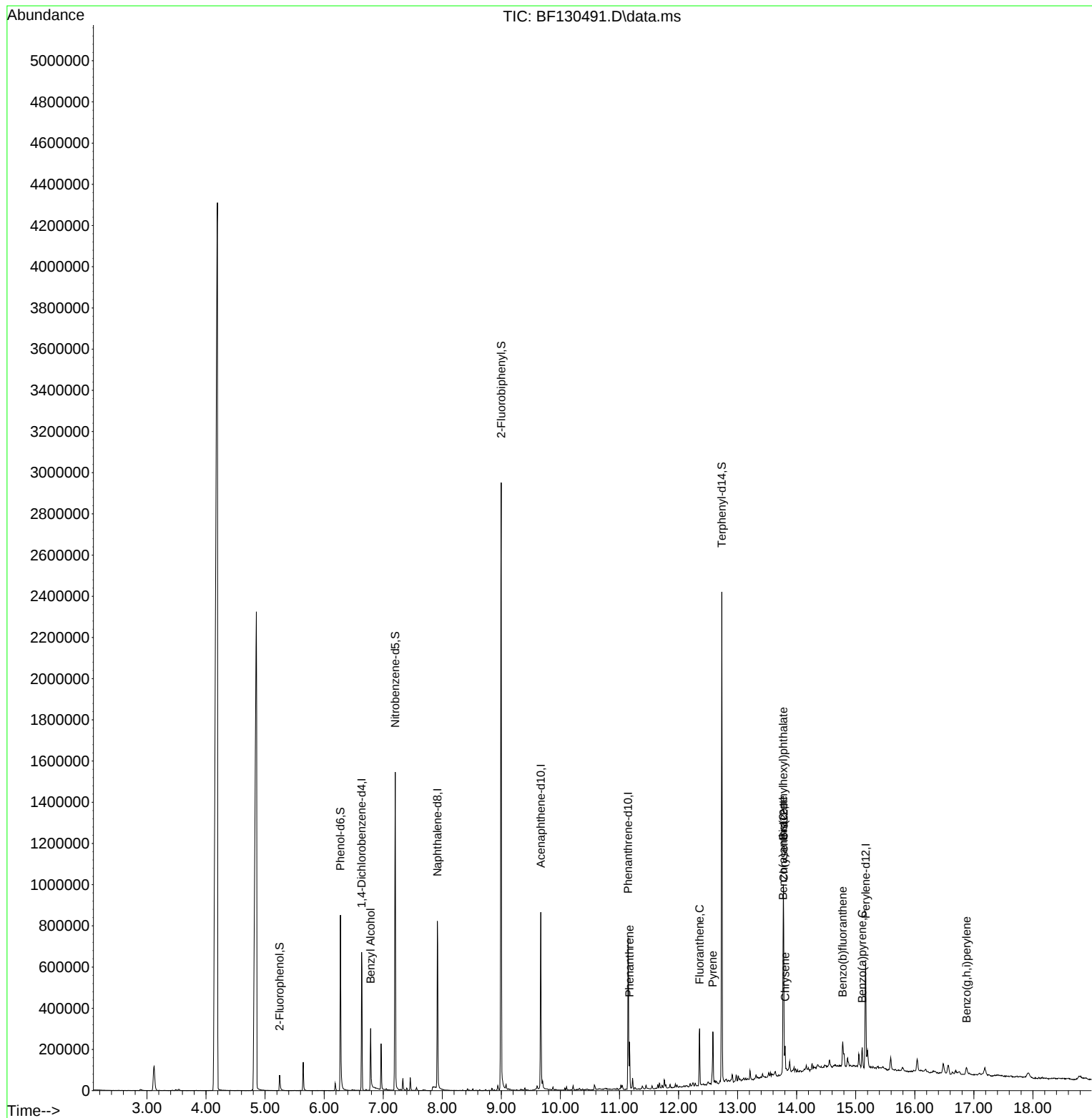
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130491.D
Acq On : 30 Sep 2022 18:52
Operator : CG\JU
Sample : N4895-01RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Quant Time: Oct 01 01:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

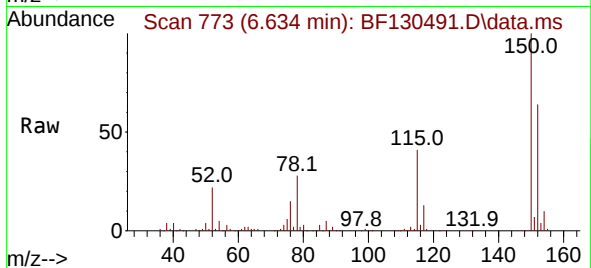
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

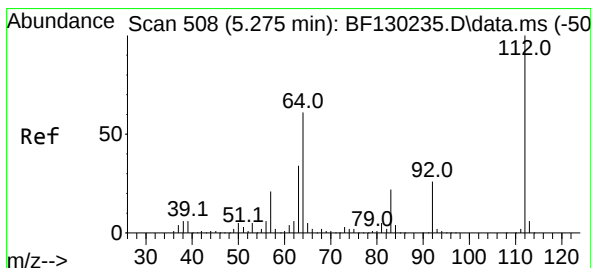
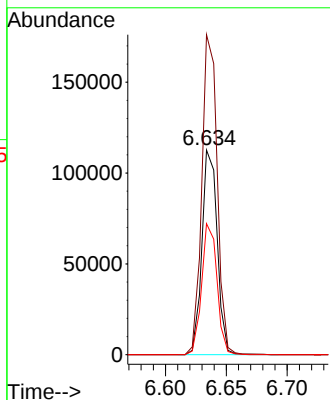
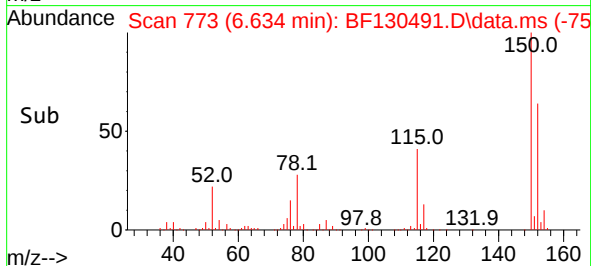
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE



Tgt Ion:152 Resp: 9869
Ion Ratio Lower Upper
152 100
150 156.4 122.8 184.2
115 64.1 53.8 80.8

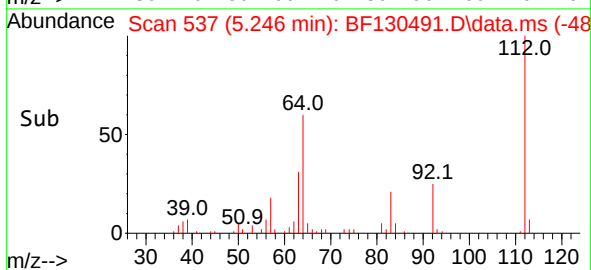
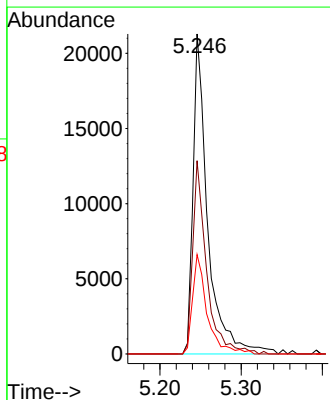
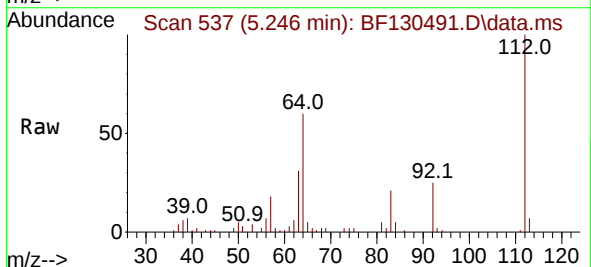
Manual Integrations
APPROVED

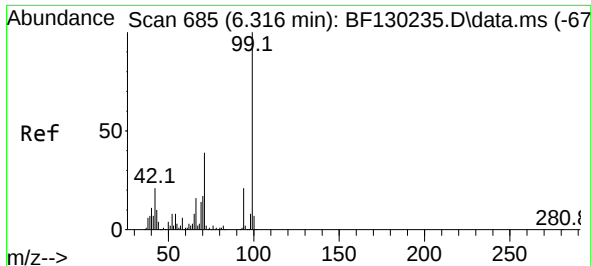
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#5
2-Fluorophenol
Concen: 4.713 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

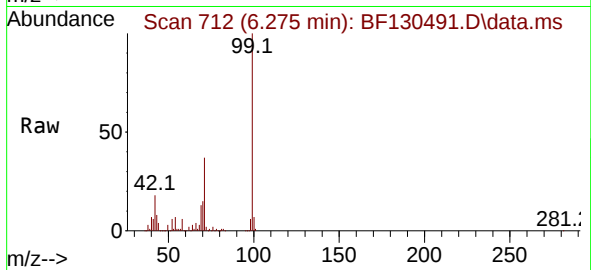
Tgt Ion:112 Resp: 26817
Ion Ratio Lower Upper
112 100
64 60.4 51.4 77.0
63 31.0 28.8 43.2





#7
Phenol-d6
Concen: 38.465 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.018 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

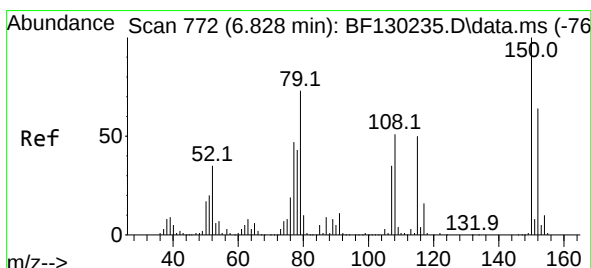
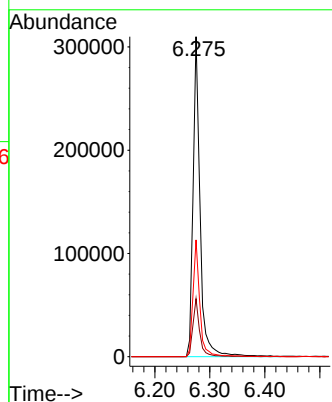
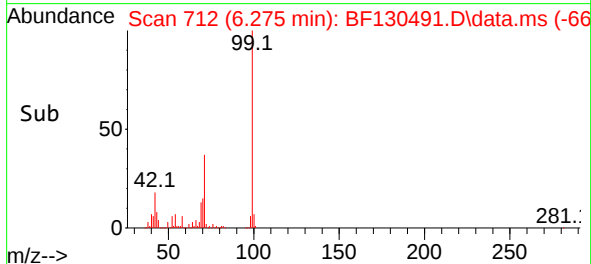
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE



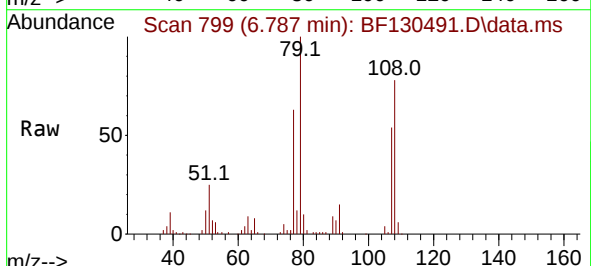
Tgt Ion: 99 Resp: 27387
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 36.5 32.3 48.5

Manual Integrations
APPROVED

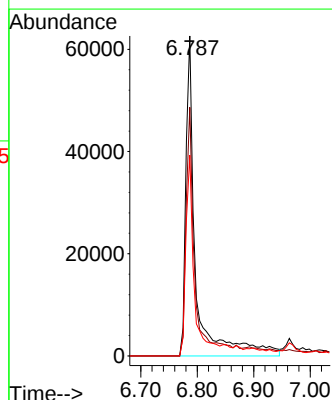
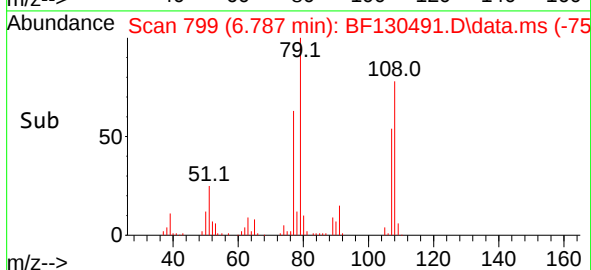
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

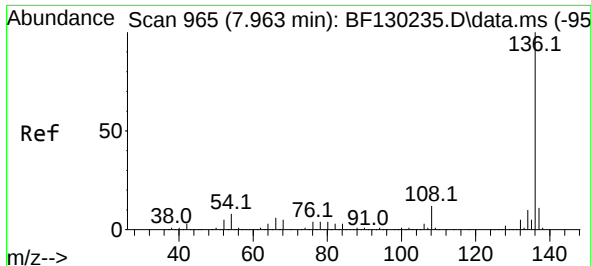


#15
Benzyl Alcohol
Concen: 13.628 ng m
RT: 6.787 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52



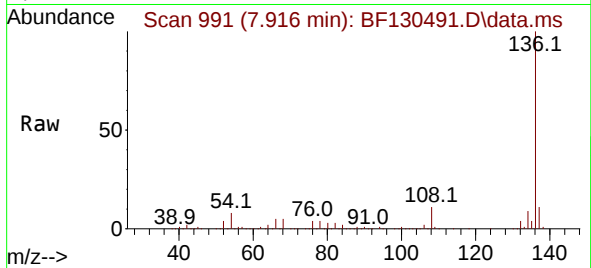
Tgt Ion: 79 Resp: 76935
Ion Ratio Lower Upper
79 100
108 77.7 54.0 81.0
77 62.7 51.3 76.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

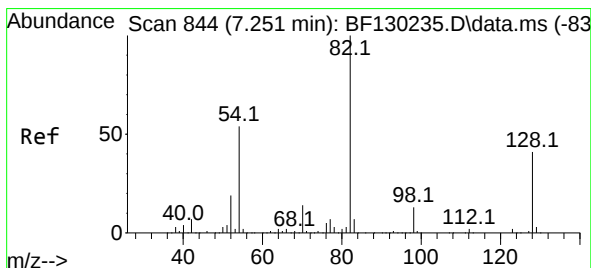
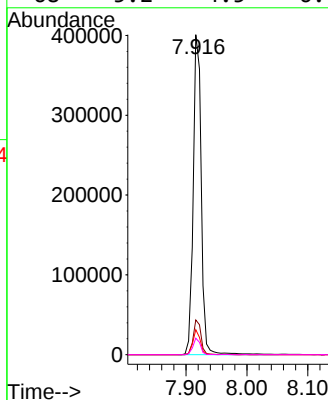
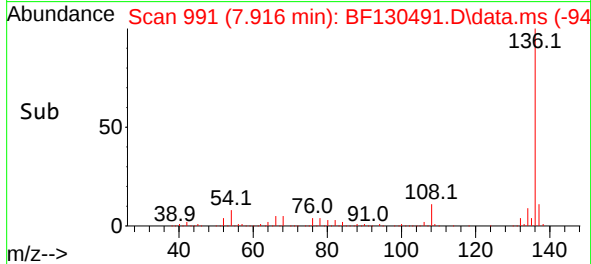
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE



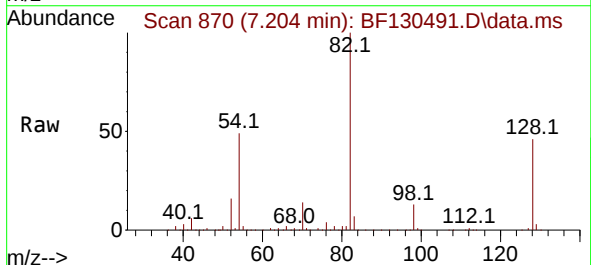
Tgt Ion:136 Resp: 367579
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.8 7.1 10.7
68 5.2 4.5 6.7

Manual Integrations
APPROVED

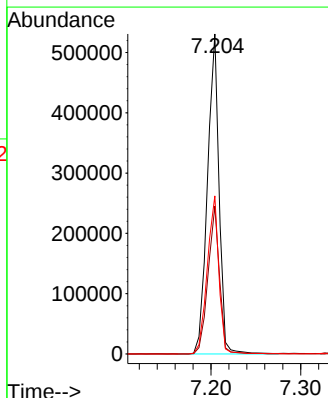
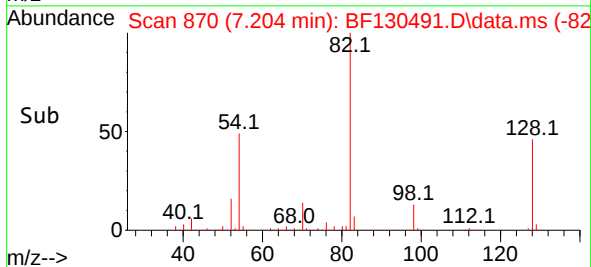
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

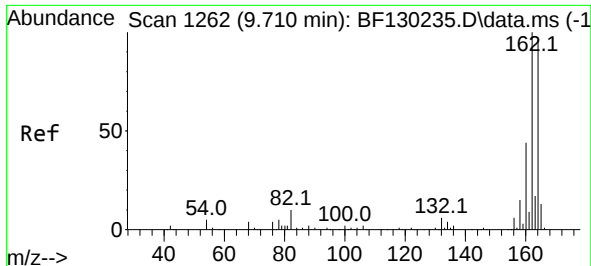


#23
Nitrobenzene-d5
Concen: 66.183 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52



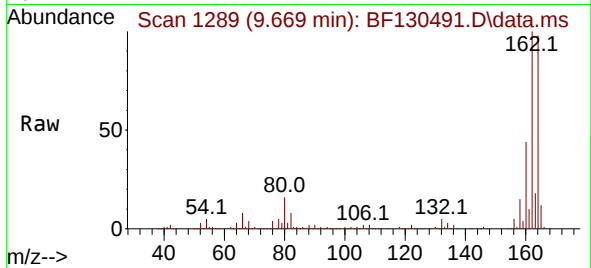
Tgt Ion: 82 Resp: 476180
Ion Ratio Lower Upper
82 100
128 46.2 32.6 49.0
54 49.4 43.8 65.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

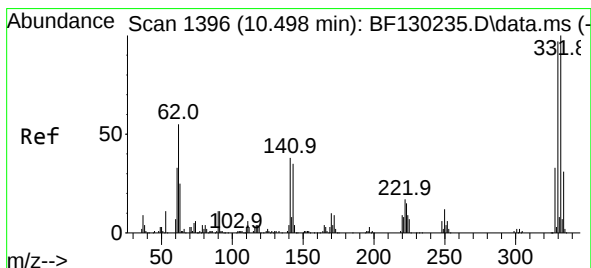
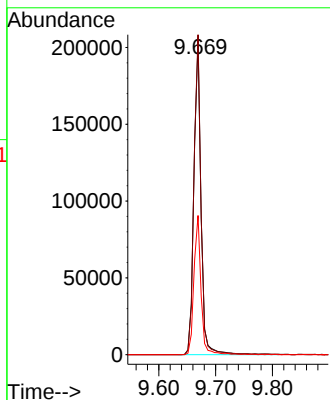
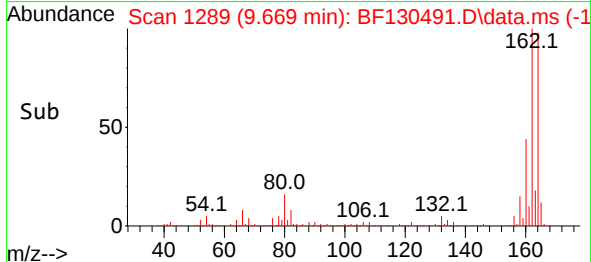
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE



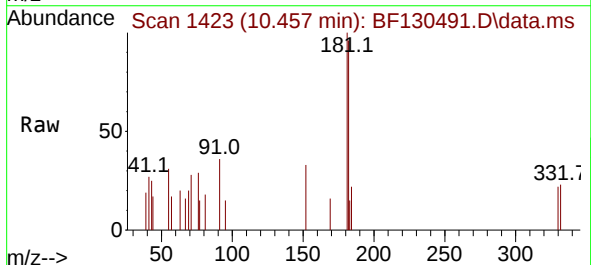
Tgt Ion:164 Resp: 18031
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 44.5 36.2 54.4

Manual Integrations
APPROVED

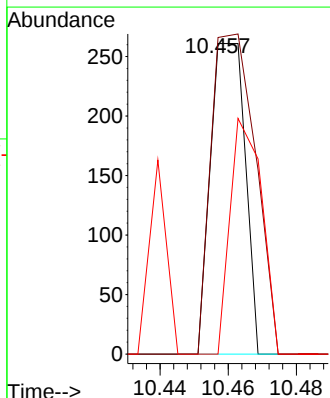
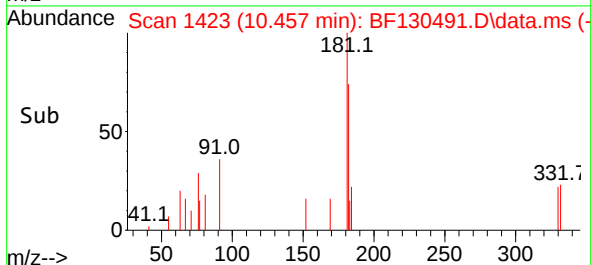
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

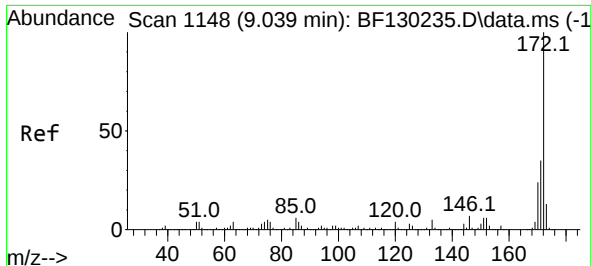


#42
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52



Tgt Ion:330 Resp: 184
Ion Ratio Lower Upper
330 100
332 132.6 83.4 125.2#
141 69.6 34.0 51.0#





#45

2-Fluorobiphenyl

Concen: 73.492 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130491.D

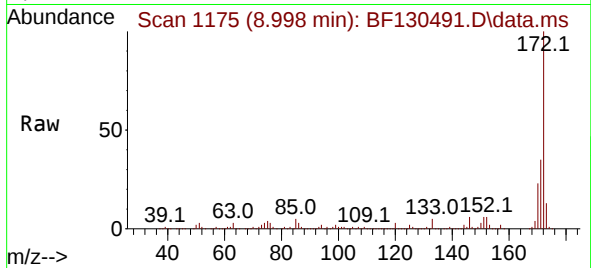
Acq: 30 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-8RE



Tgt Ion:172 Resp: 910009

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

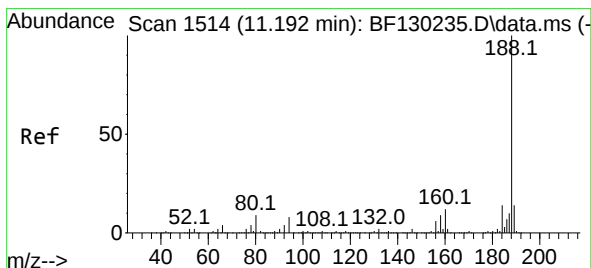
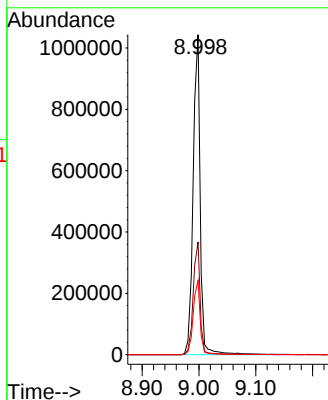
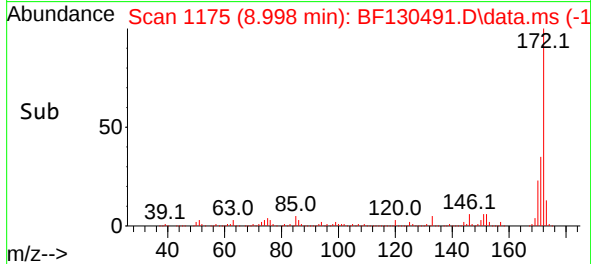
170 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022

Supervised By :mohammad ahmed 10/06/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.145 min Scan# 1540

Delta R.T. -0.012 min

Lab File: BF130491.D

Acq: 30 Sep 2022 18:52

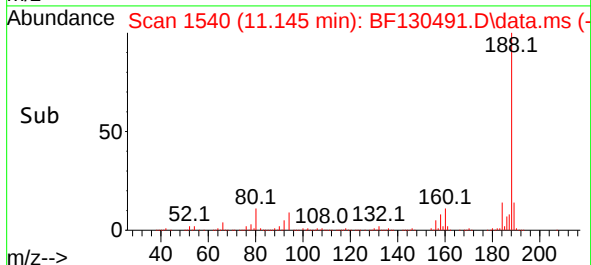
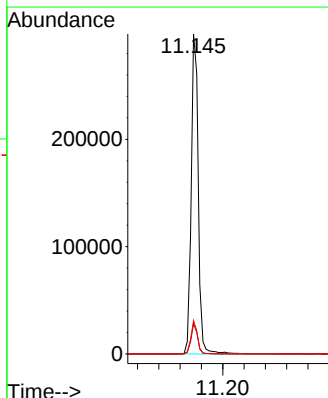
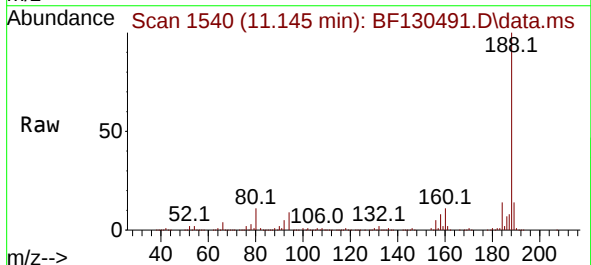
Tgt Ion:188 Resp: 274722

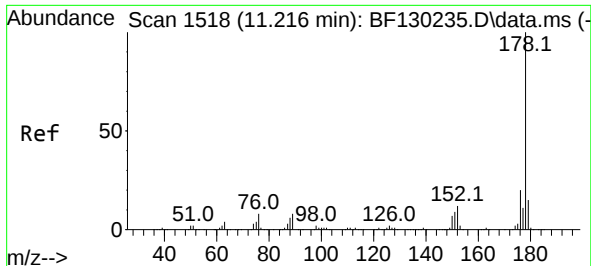
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

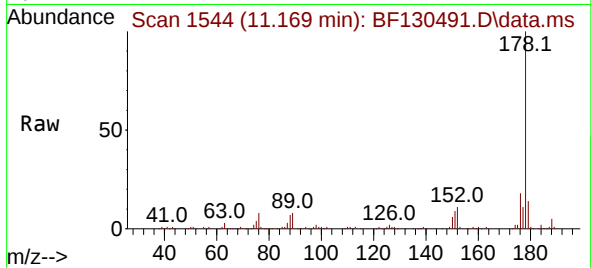
80 10.5 7.9 11.9





#71
Phenanthrene
Concen: 4.884 ng
RT: 11.169 min Scan# 111
Delta R.T. -0.018 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

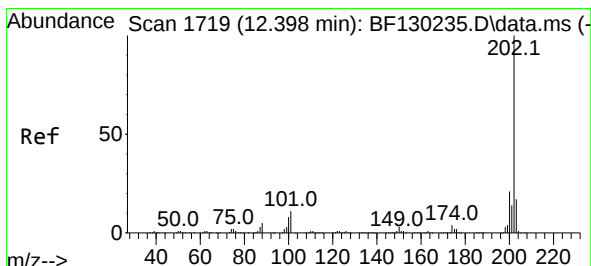
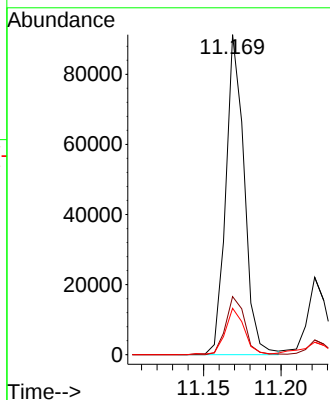
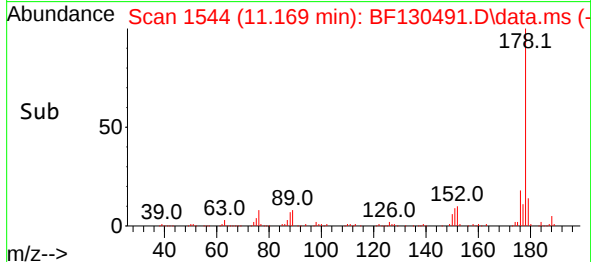
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE



Tgt Ion:178 Resp: 75334
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 14.5 12.4 18.6

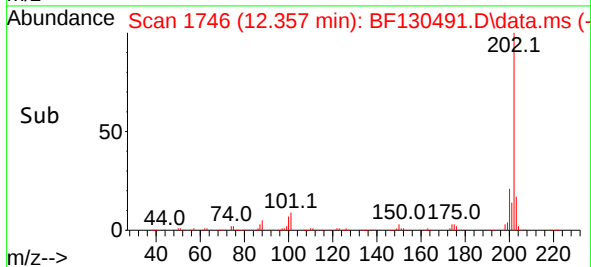
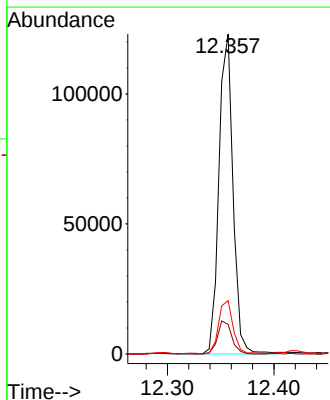
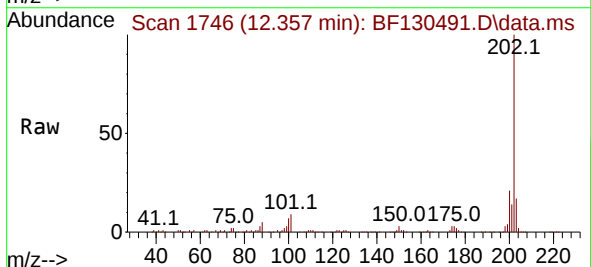
Manual Integrations
APPROVED

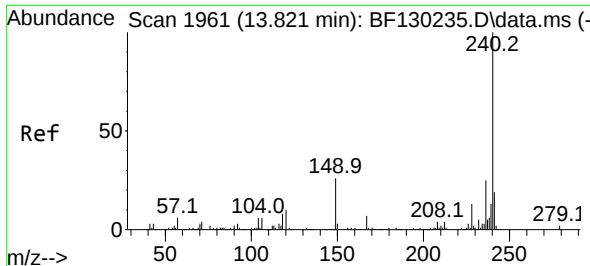
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#75
Fluoranthene
Concen: 7.551 ng
RT: 12.357 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

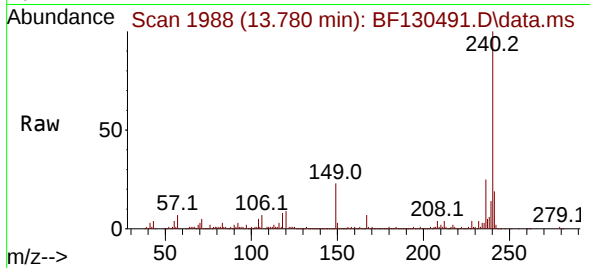
Tgt Ion:202 Resp: 112539
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.8
203 16.6 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

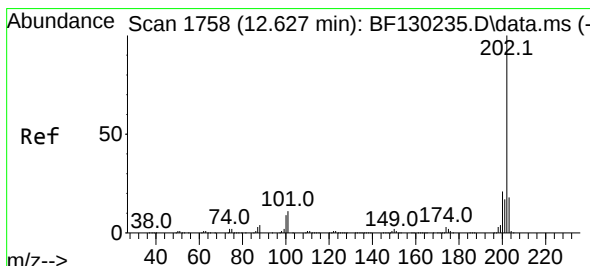
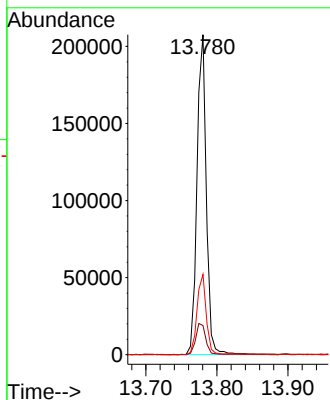
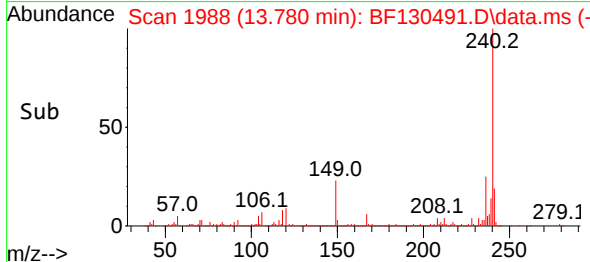
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE



Tgt Ion:240 Resp: 190480
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 25.1 20.9 31.3

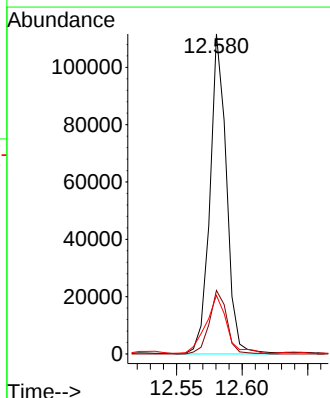
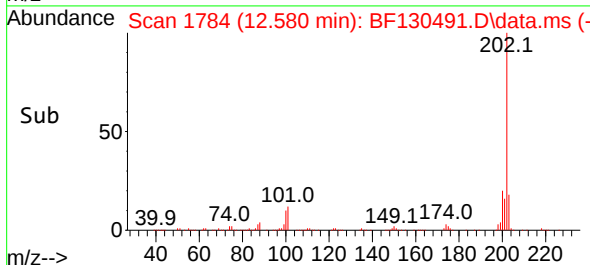
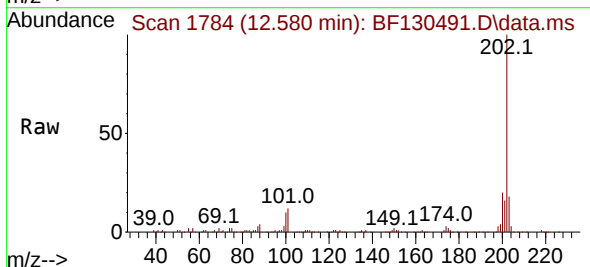
Manual Integrations
APPROVED

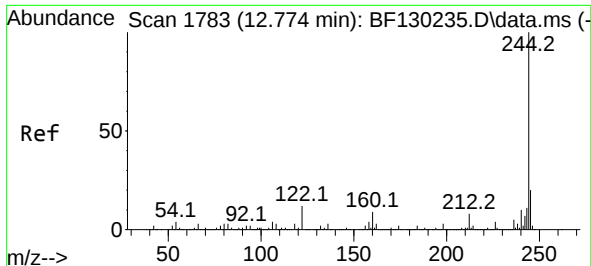
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#78
Pyrene
Concen: 5.879 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

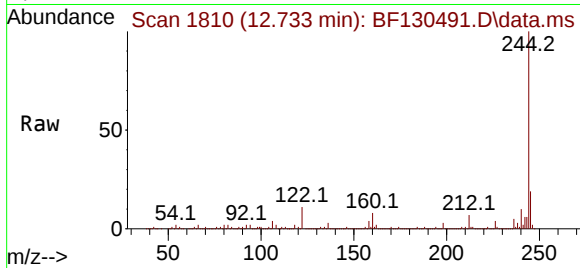
Tgt Ion:202 Resp: 97961
Ion Ratio Lower Upper
202 100
200 19.9 17.2 25.8
203 18.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 65.981 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF130491.D
 Acq: 30 Sep 2022 18:52

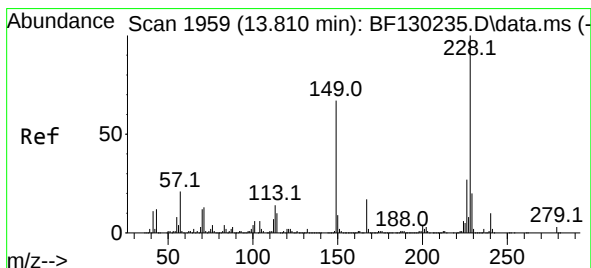
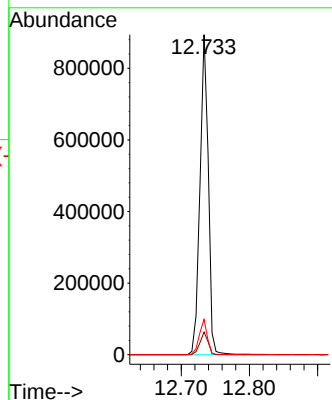
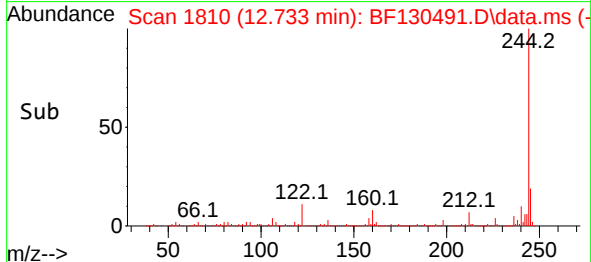
Instrument : BNA_F
 ClientSampleId : CRUSHED-MASONRY-PILE-8RE



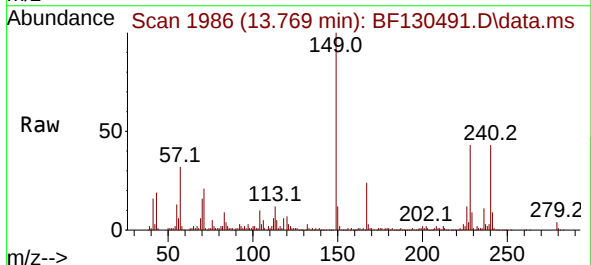
Tgt Ion:244 Resp: 75874
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.0 8.5 12.7

Manual Integrations
 APPROVED

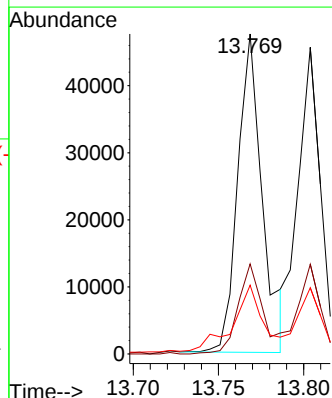
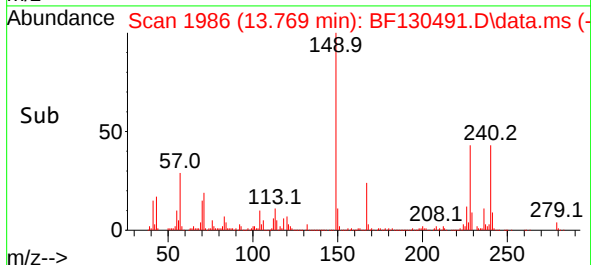
Reviewed By :Jagrut Upadhyay 10/01/2022
 Supervised By :mohammad ahmed 10/06/2022

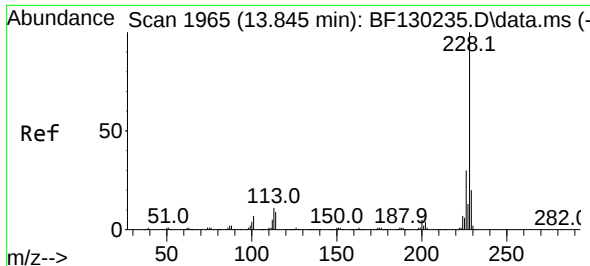


#81
 Benzo(a)anthracene
 Concen: 3.749 ng
 RT: 13.769 min Scan# 1986
 Delta R.T. -0.012 min
 Lab File: BF130491.D
 Acq: 30 Sep 2022 18:52



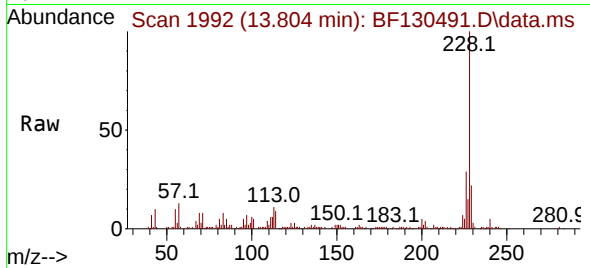
Tgt Ion:228 Resp: 47503
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.9 32.9
 229 21.5 16.1 24.1





#83
Chrysene
Concen: 3.539 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

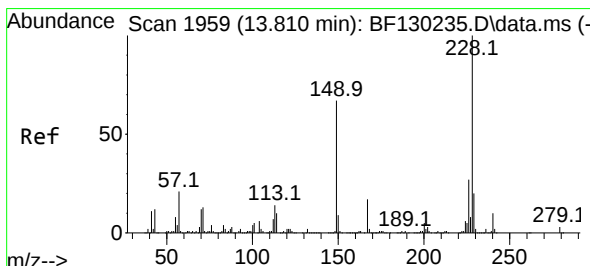
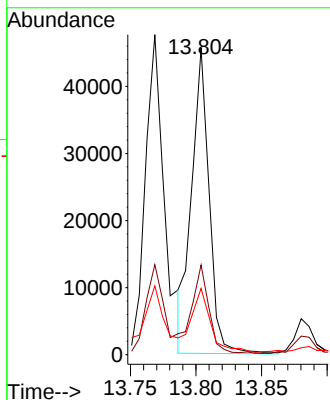
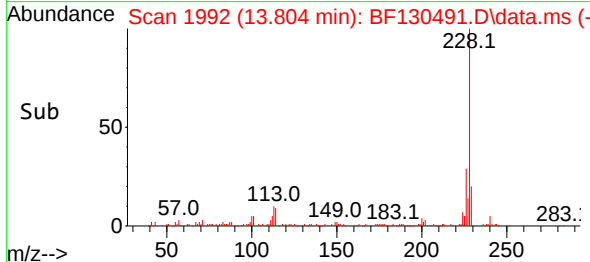
Instrument : BNA_F
ClientSampleId : CRUSHED-MASONRY-PILE-8RE



Tgt Ion:228 Resp: 4257
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.8
229 21.6 15.3 22.9

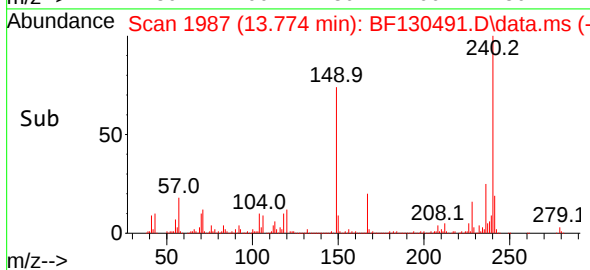
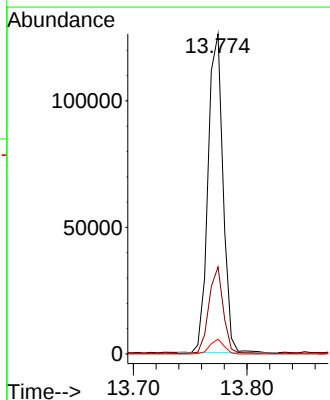
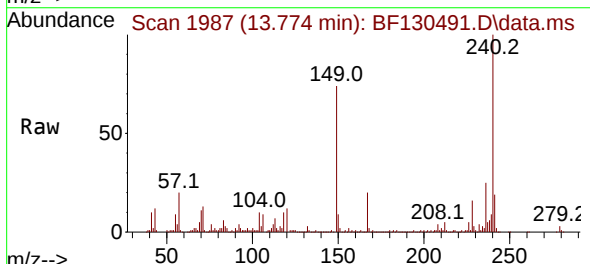
Manual Integrations
APPROVED

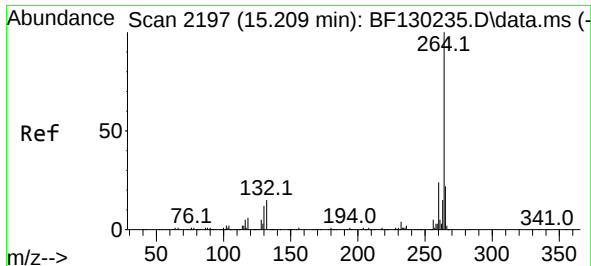
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 16.265 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

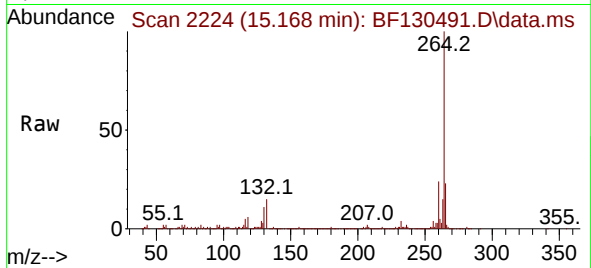
Tgt Ion:149 Resp: 115012
Ion Ratio Lower Upper
149 100
167 27.2 20.5 30.7
279 4.6 2.9 4.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF130491.D
 Acq: 30 Sep 2022 18:52

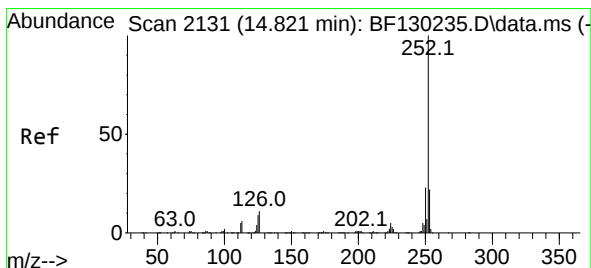
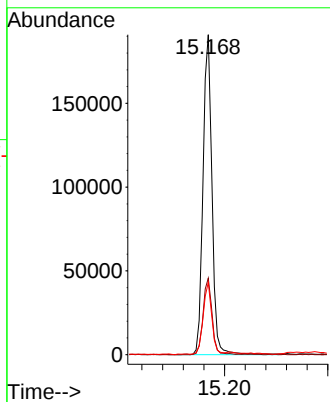
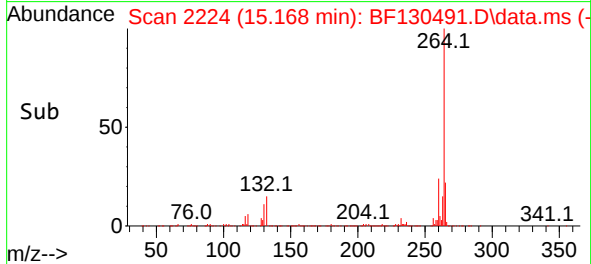
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-8RE



Tgt Ion:264 Resp: 230949
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 22.6 17.0 25.4

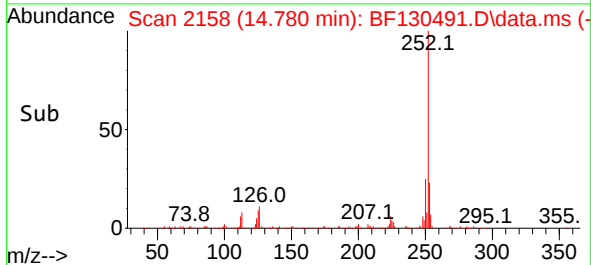
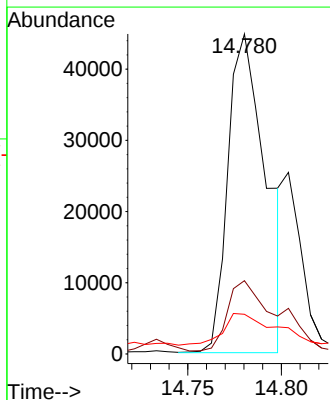
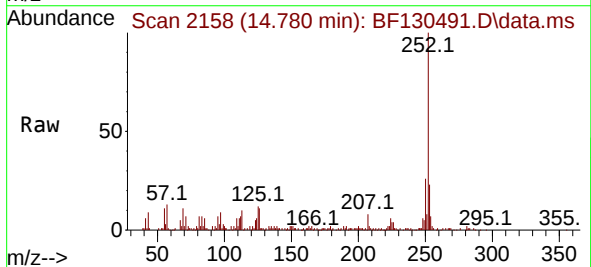
Manual Integrations
 APPROVED

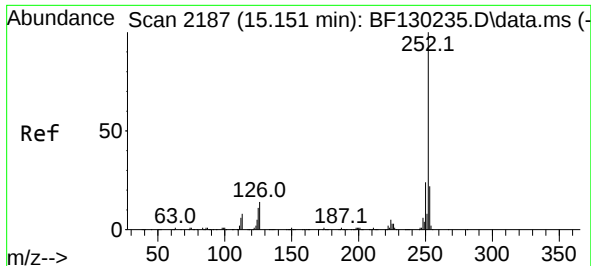
Reviewed By :Jagrut Upadhyay 10/01/2022
 Supervised By :mohammad ahmed 10/06/2022



#88
 Benzo(b)fluoranthene
 Concen: 4.201 ng m
 RT: 14.780 min Scan# 2158
 Delta R.T. -0.006 min
 Lab File: BF130491.D
 Acq: 30 Sep 2022 18:52

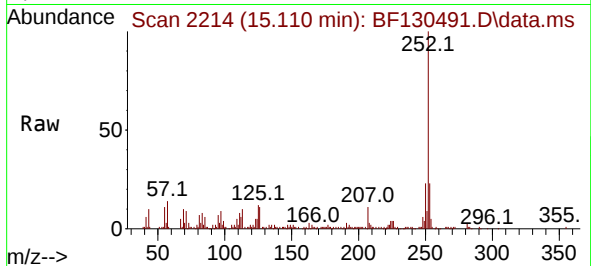
Tgt Ion:252 Resp: 63328
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.7 26.5
 125 12.4 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.529 ng
RT: 15.110 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

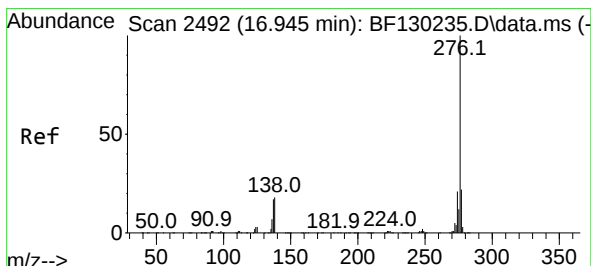
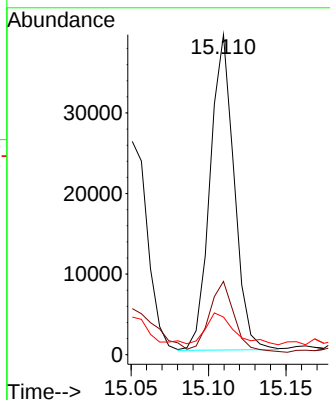
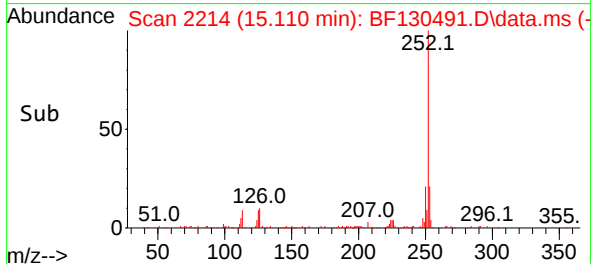
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE



Tgt Ion:252 Resp: 4214
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#92
Benzo(g,h,i)perylene
Concen: 2.037 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:276 Resp: 27569
Ion Ratio Lower Upper
276 100
277 25.6 18.6 27.8
138 20.0 14.6 21.8

