

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130485.D
 Acq On : 30 Sep 2022 15:39
 Operator : CG\JU
 Sample : N4895-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 01 01:35:31 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	104857	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	399974	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	201277	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	311307	20.000	ng	0.00
76) Chrysene-d12	13.780	240	189064	20.000	ng	-0.01
86) Perylene-d12	15.169	264	225919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	28269	4.676	ng	0.00
7) Phenol-d6	6.275	99	294591	38.945	ng	-0.02
23) Nitrobenzene-d5	7.204	82	520327	66.461	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	263	0.136	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1005322	72.733	ng	-0.01
79) Terphenyl-d14	12.733	244	841119	73.695	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.787	79	85201	14.206	ng	92
25) Isophorone	7.457	82	25608	2.029	ng	100
71) Phenanthrene	11.169	178	87031	4.979	ng	99
75) Fluoranthene	12.357	202	129942	7.694	ng	95
78) Pyrene	12.580	202	111158	6.721	ng	98
81) Benzo(a)anthracene	13.769	228	50232	3.994	ng	98
83) Chrysene	13.804	228	44182	3.700	ng	97
84) Bis(2-ethylhexyl)phtha...	13.775	149	121375	17.294	ng	# 96
88) Benzo(b)fluoranthene	14.780	252	60101m	4.076	ng	
90) Benzo(a)pyrene	15.110	252	42445	3.633	ng	97
92) Benzo(g,h,i)perylene	16.874	276	29134	2.201	ng	98

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

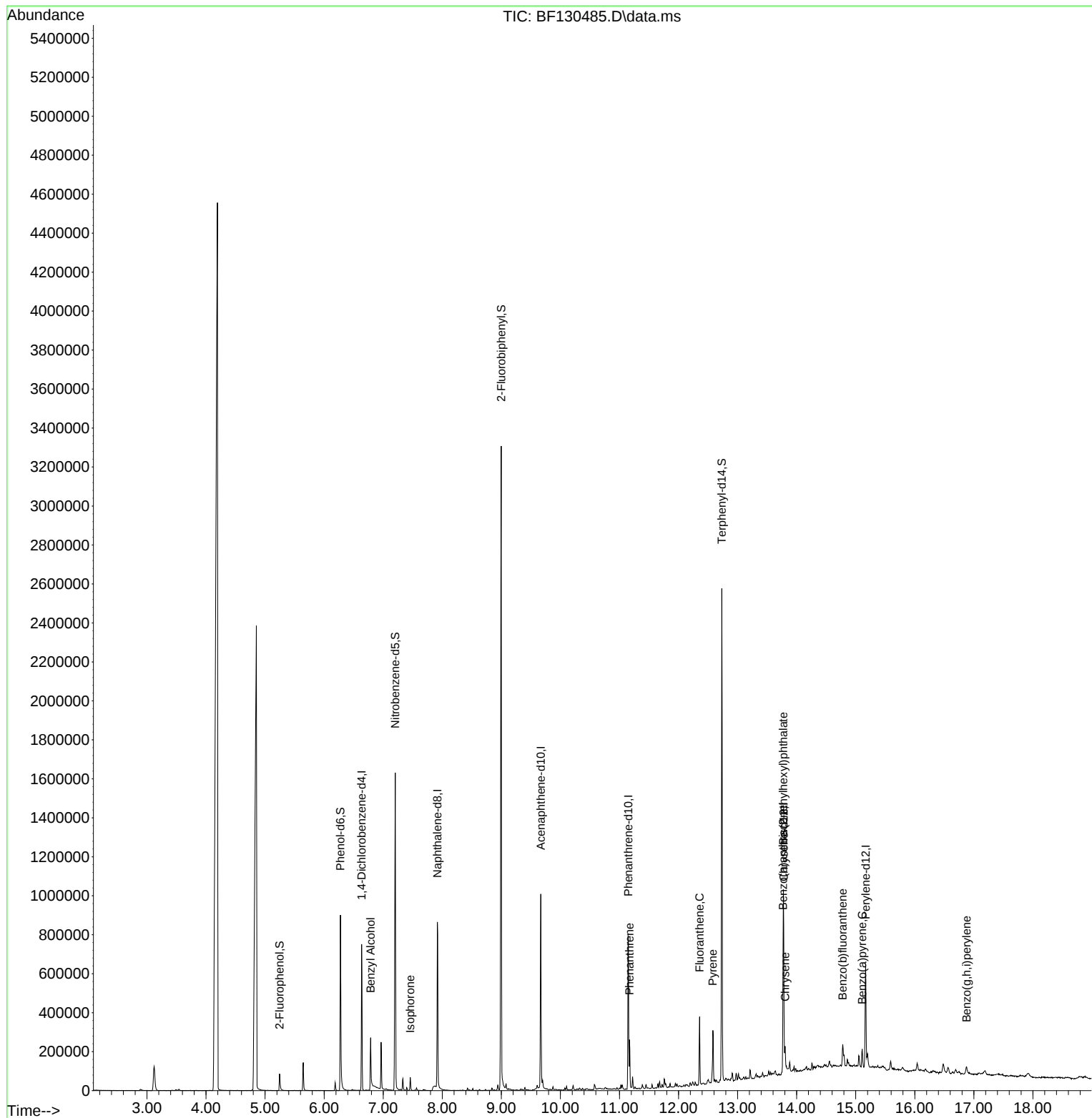
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130485.D
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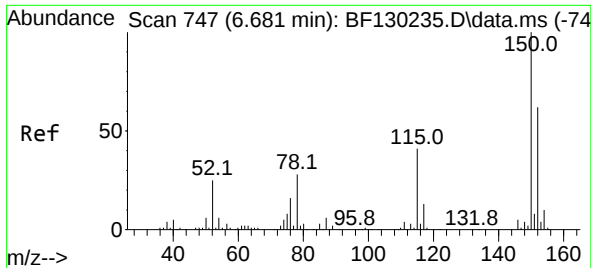
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Quant Time: Oct 01 01:35:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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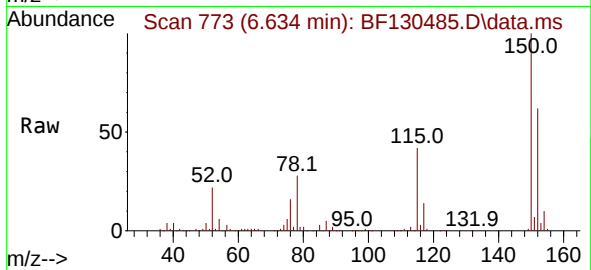
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

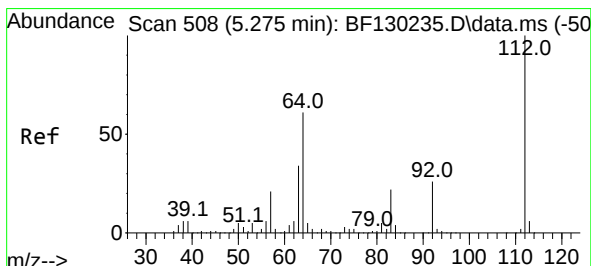
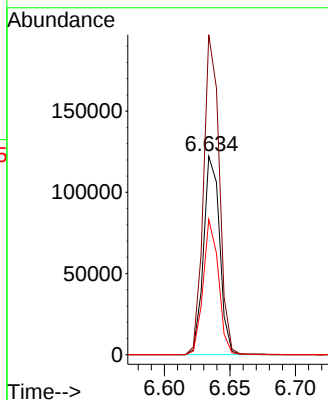
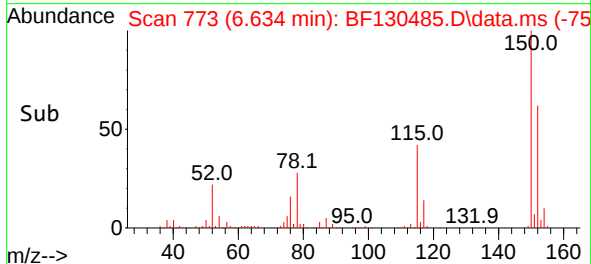
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8



Tgt Ion:152 Resp: 10485
Ion Ratio Lower Upper
152 100
150 161.3 122.8 184.2
115 68.2 53.8 80.8

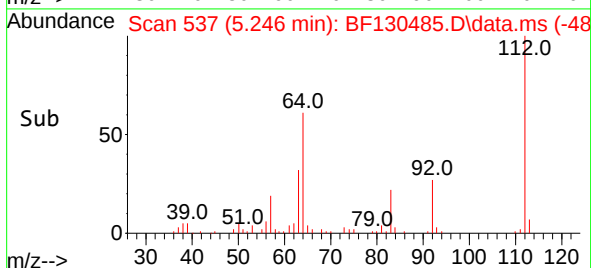
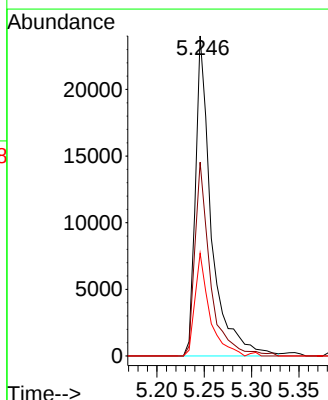
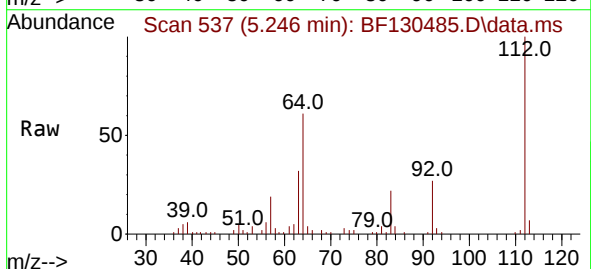
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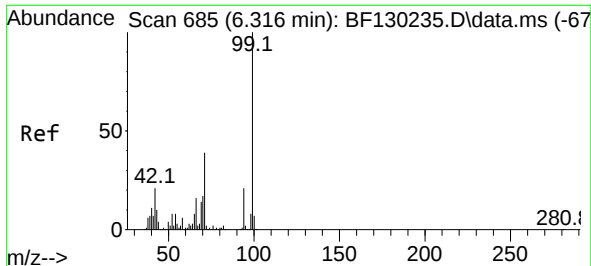
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#5
2-Fluorophenol
Concen: 4.676 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

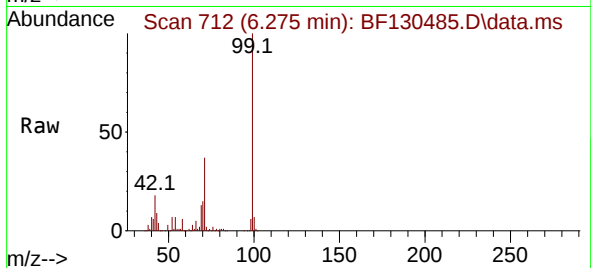
Tgt Ion:112 Resp: 28269
Ion Ratio Lower Upper
112 100
64 60.6 51.4 77.0
63 32.1 28.8 43.2





#7
Phenol-d6
Concen: 38.945 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.017 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

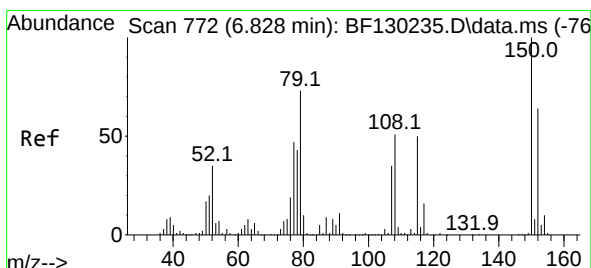
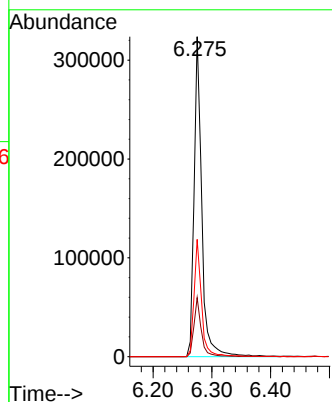
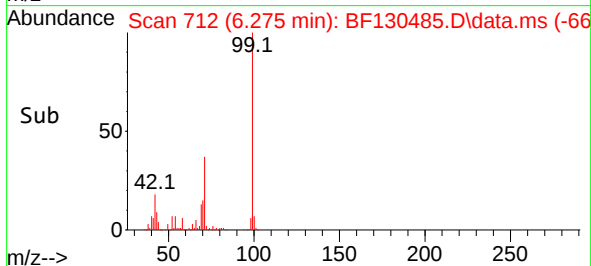
Instrument :
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ClientSampleId :
CRUSHED-MASONRY-PILE-8



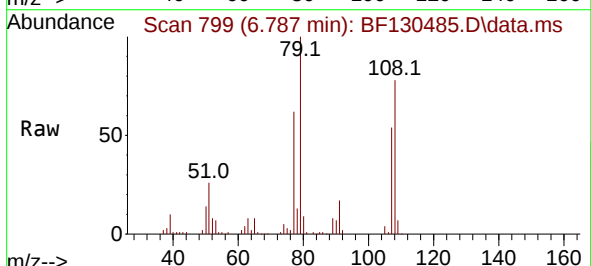
Tgt Ion: 99 Resp: 29459
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 36.7 32.3 48.5

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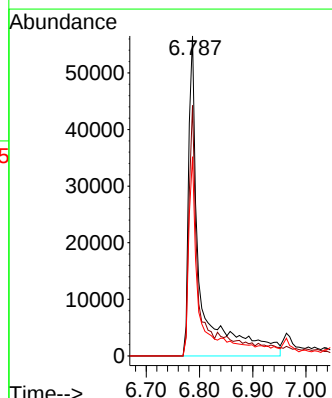
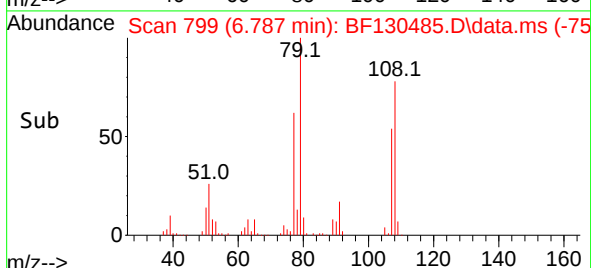
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

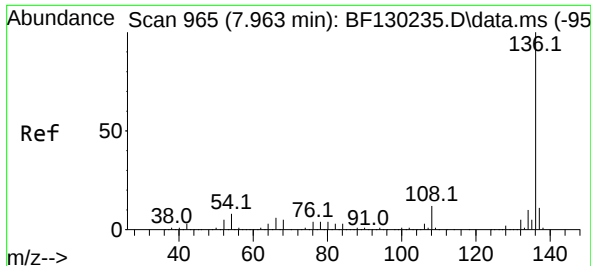


#15
Benzyl Alcohol
Concen: 14.206 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39



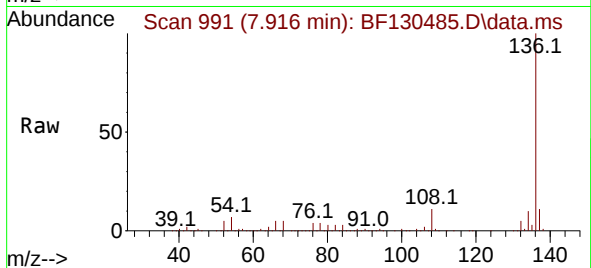
Tgt Ion: 79 Resp: 85201
Ion Ratio Lower Upper
79 100
108 78.3 54.0 81.0
77 62.2 51.3 76.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

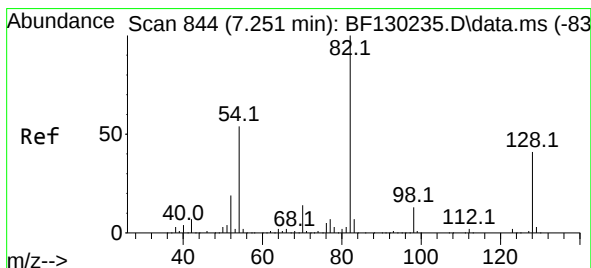
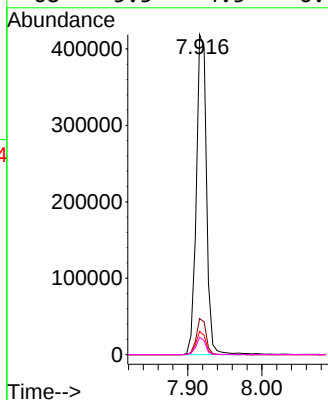
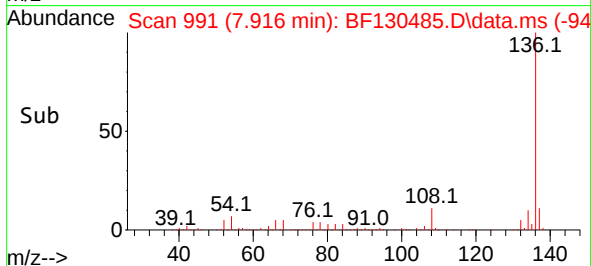
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8



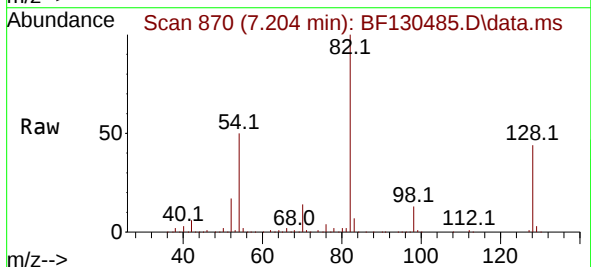
Tgt Ion:136 Resp: 399974
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.3 7.1 10.7
68 5.5 4.5 6.7

Manual Integrations
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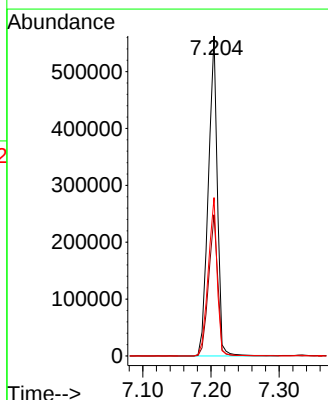
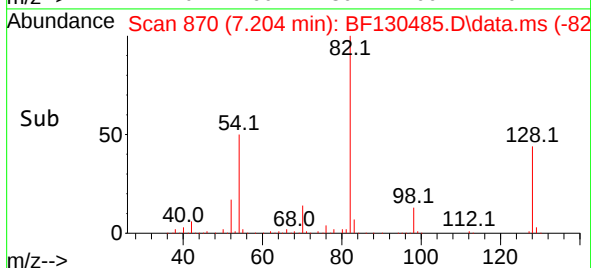
Reviewed By :Jagrut Upadhyay 10/01/2022
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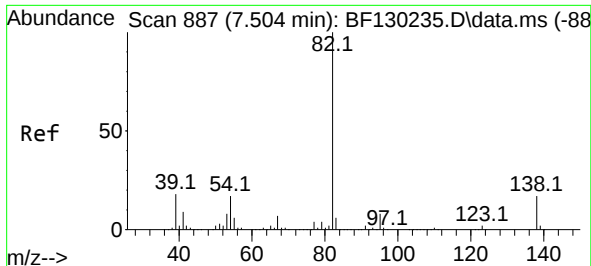


#23
Nitrobenzene-d5
Concen: 66.461 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39



Tgt Ion: 82 Resp: 520327
Ion Ratio Lower Upper
82 100
128 44.2 32.6 49.0
54 49.5 43.8 65.6





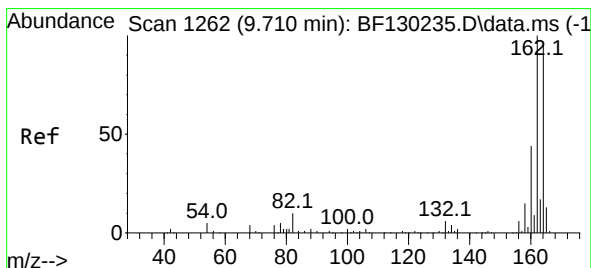
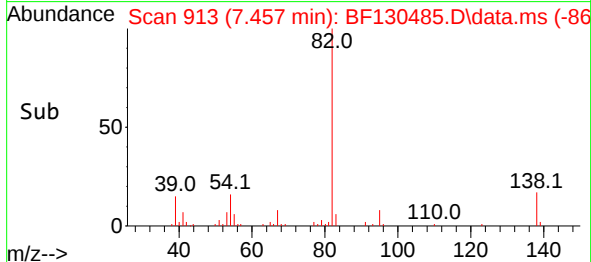
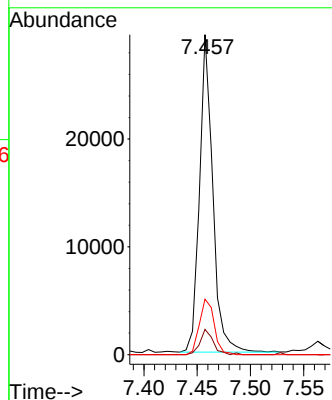
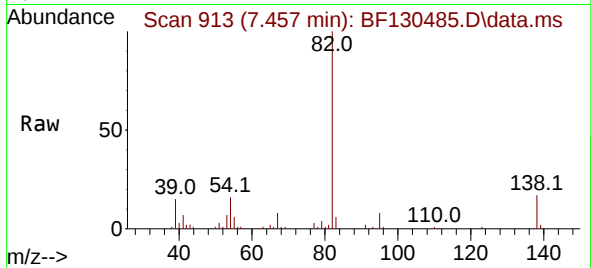
#25
Isophorone
Concen: 2.029 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

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

Tgt Ion: 82 Resp: 25608
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.3 13.8 20.6

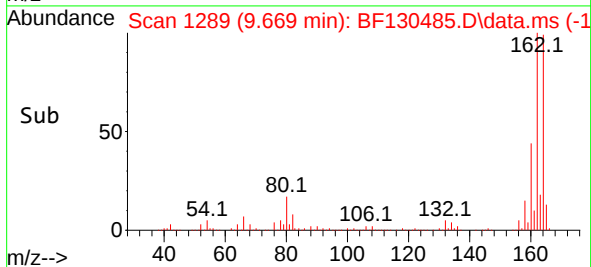
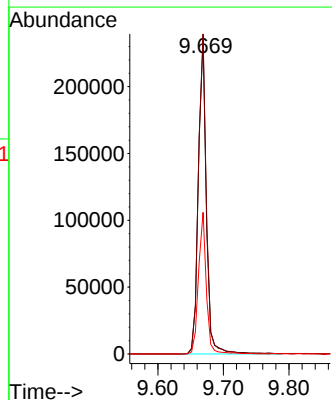
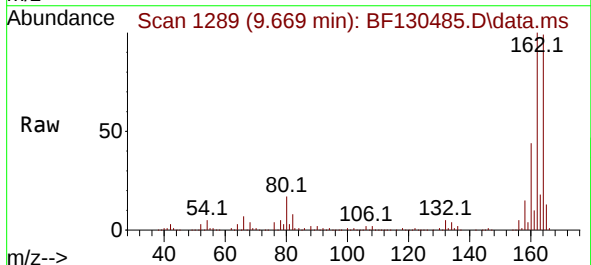
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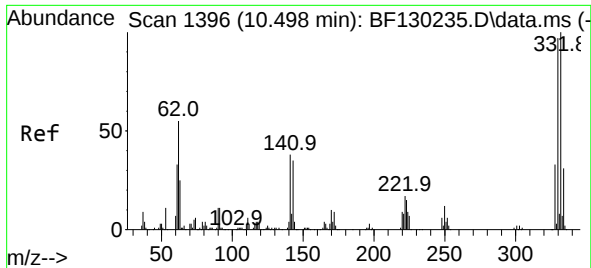
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

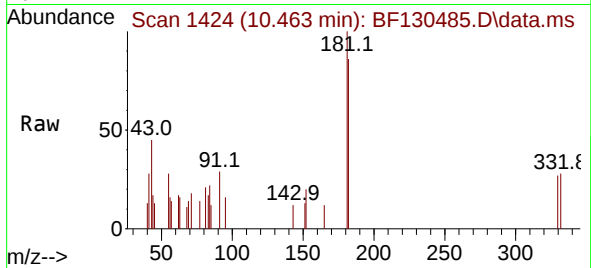
Tgt Ion:164 Resp: 201277
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.8 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

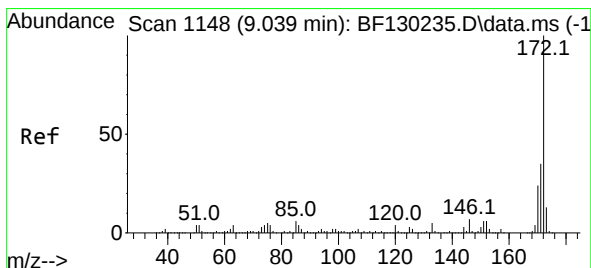
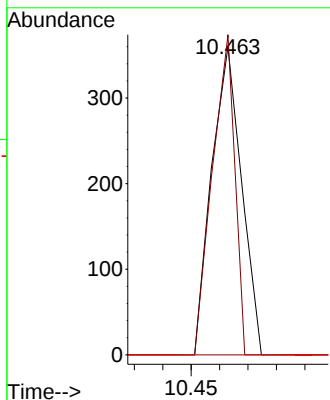
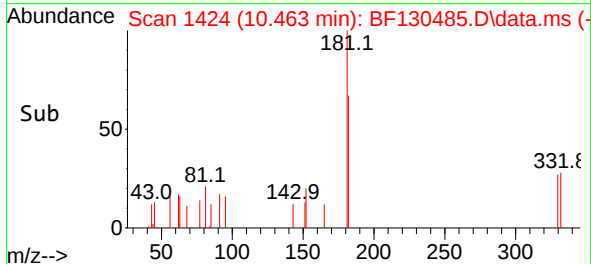
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8



Tgt Ion: 330 Resp: 261
Ion Ratio Lower Upper
330 100
332 77.9 83.4 125.2
141 0.0 34.0 51.0

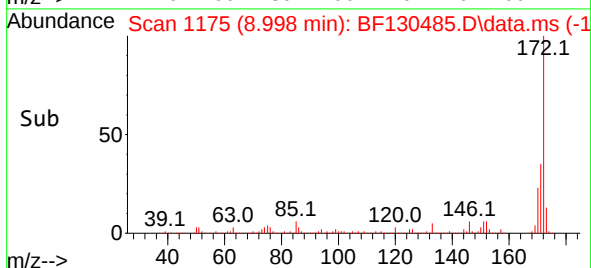
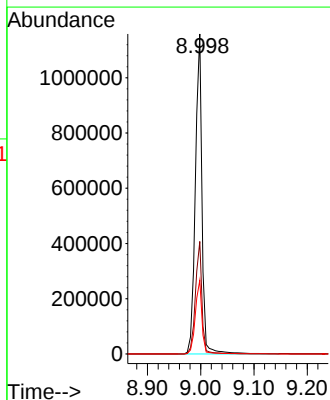
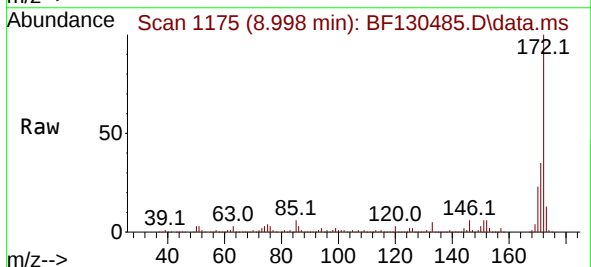
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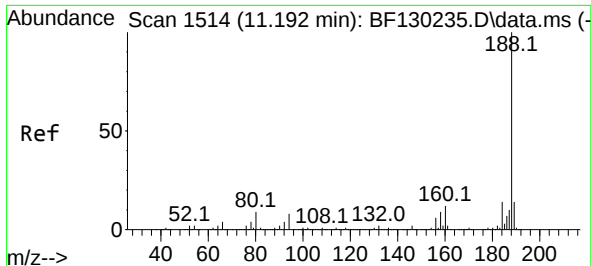
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#45
2-Fluorobiphenyl
Concen: 72.733 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

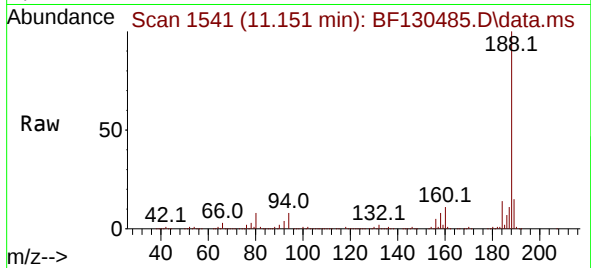
Tgt Ion: 172 Resp: 1005322
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

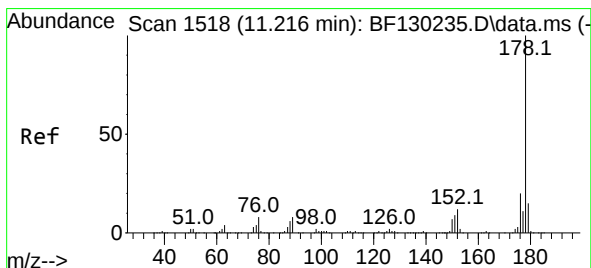
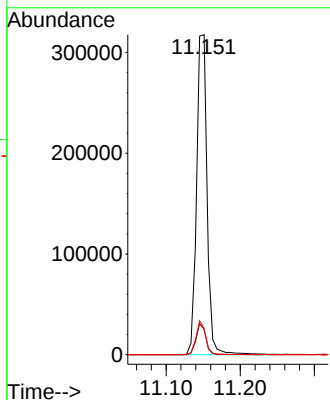
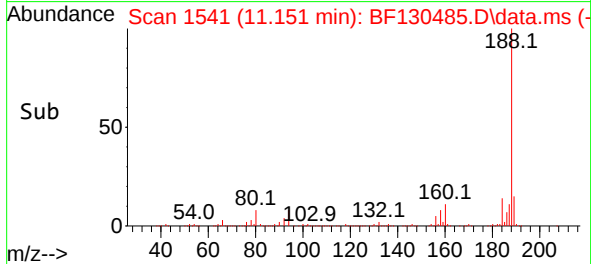
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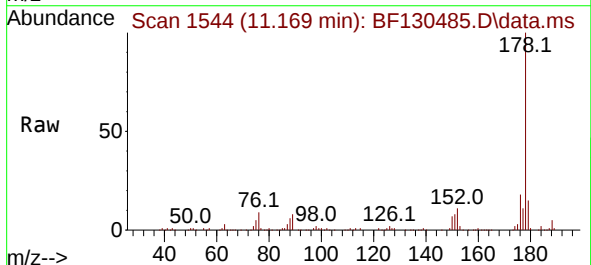
Tgt Ion:188 Resp: 31130
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.2 7.9 11.9

Manual Integrations
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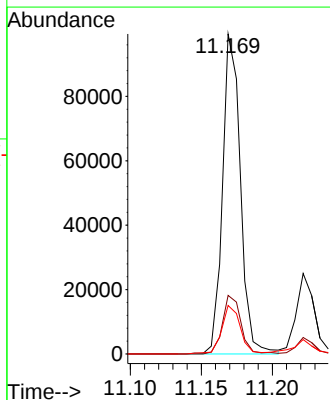
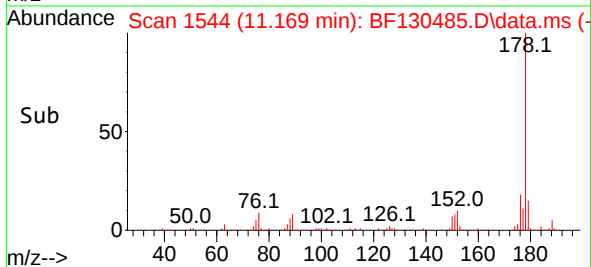
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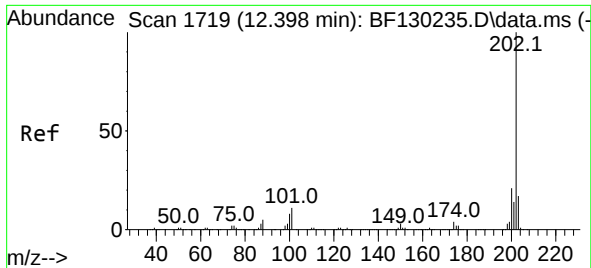


#71
Phenanthrene
Concen: 4.979 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.017 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39



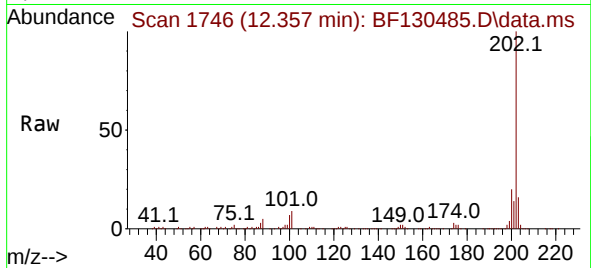
Tgt Ion:178 Resp: 87031
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 15.1 12.4 18.6





#75
Fluoranthene
Concen: 7.694 ng
RT: 12.357 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

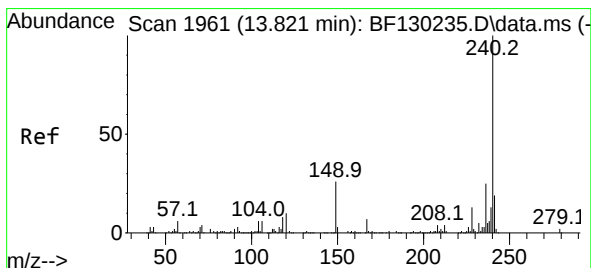
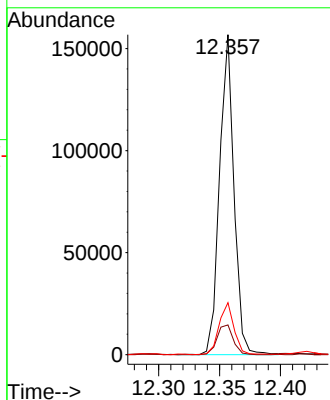
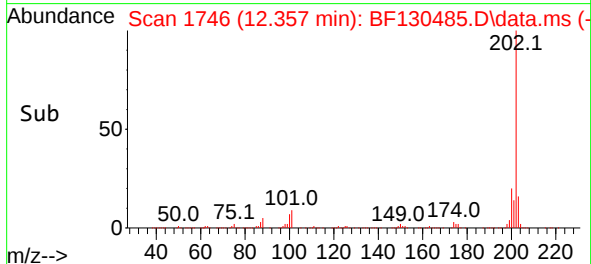
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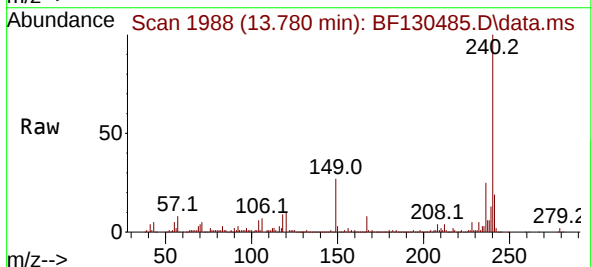
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Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.8
203 16.2 0.0 37.8

Manual Integrations
APPROVED

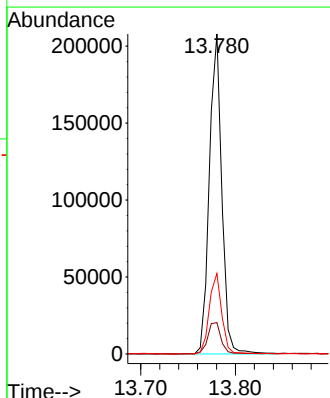
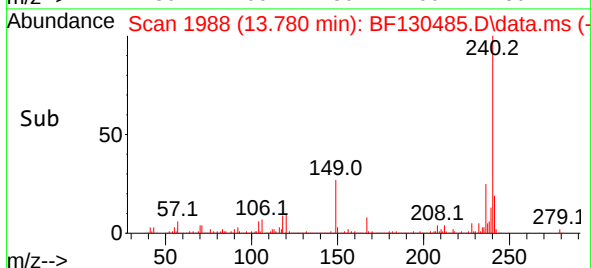
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022

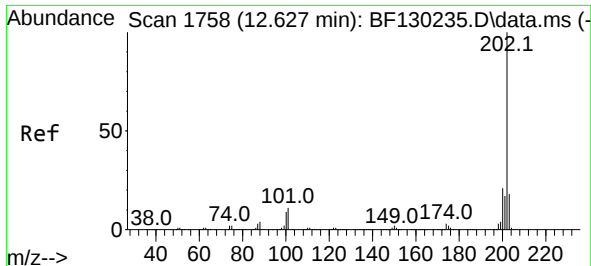


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39



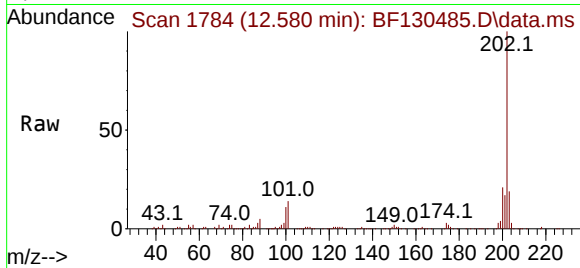
Tgt Ion:240 Resp: 189064
Ion Ratio Lower Upper
240 100
120 9.8 8.7 13.1
236 25.2 20.9 31.3





#78
Pyrene
Concen: 6.721 ng
RT: 12.580 min Scan# 111158
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

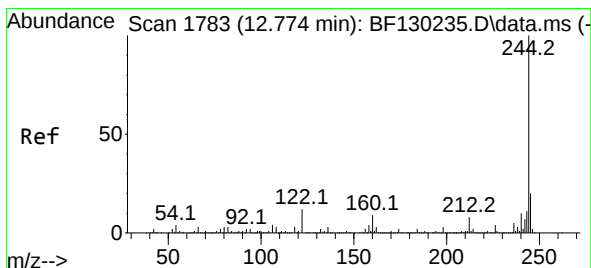
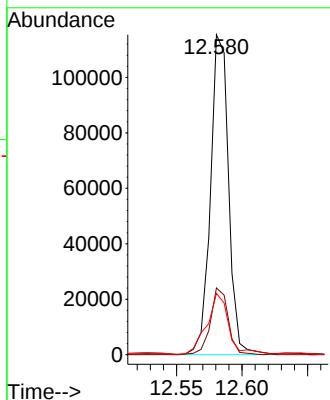
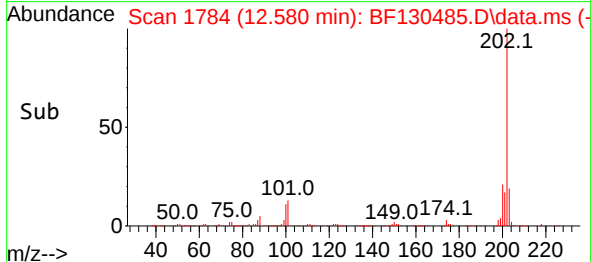
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8



Tgt Ion:202 Resp: 111158
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 19.2 14.3 21.5

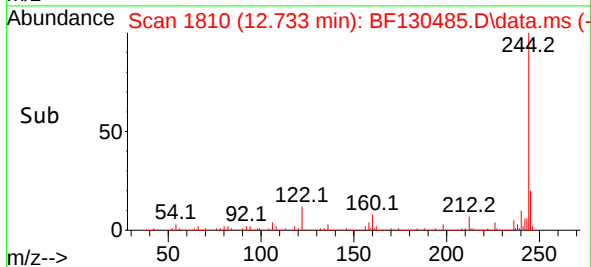
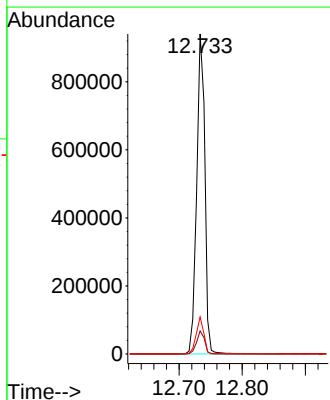
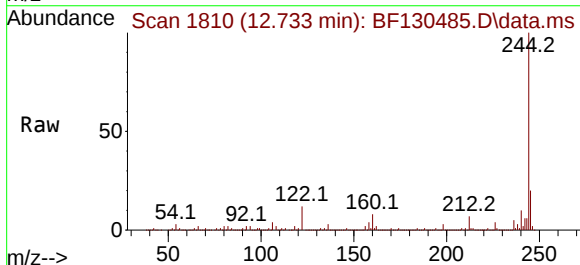
Manual Integrations
APPROVED

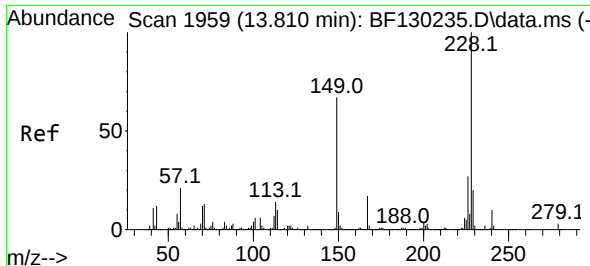
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#79
Terphenyl-d14
Concen: 73.695 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

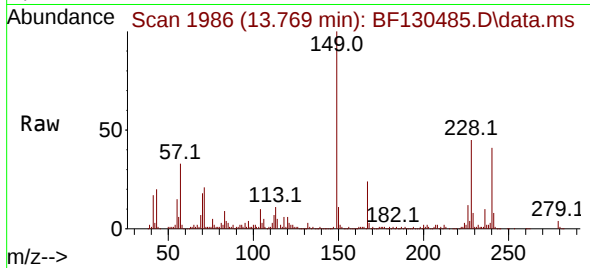
Tgt Ion:244 Resp: 841119
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.5 8.5 12.7





#81
Benzo(a)anthracene
Concen: 3.994 ng
RT: 13.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

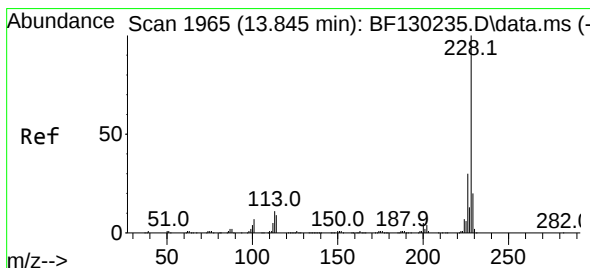
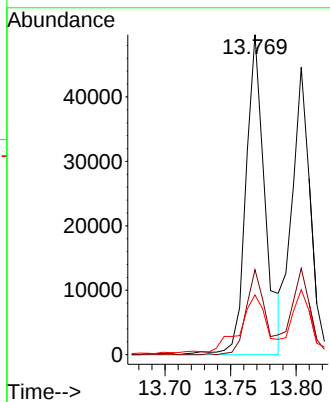
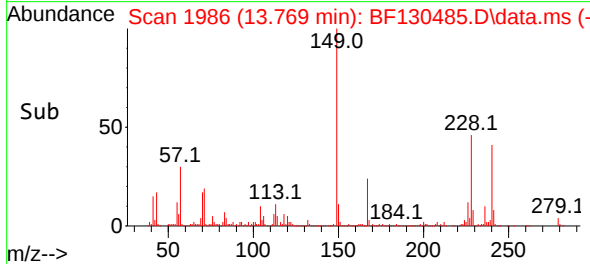
Instrument : BNA_F
ClientSampleId : CRUSHED-MASONRY-PILE-8



Tgt Ion:228 Resp: 5023
Ion Ratio Lower Upper
228 100
226 26.6 21.9 32.9
229 18.6 16.1 24.1

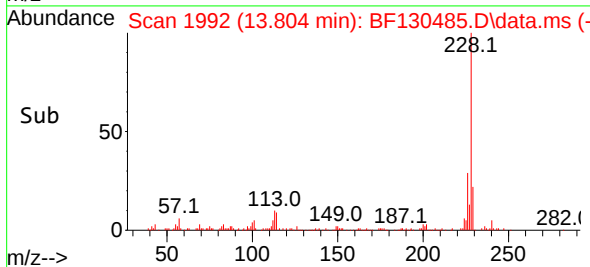
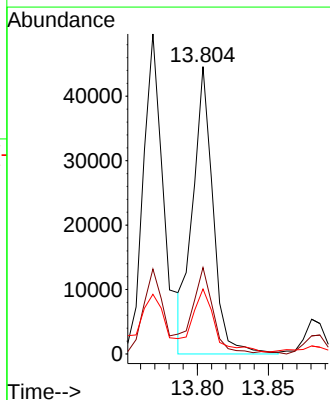
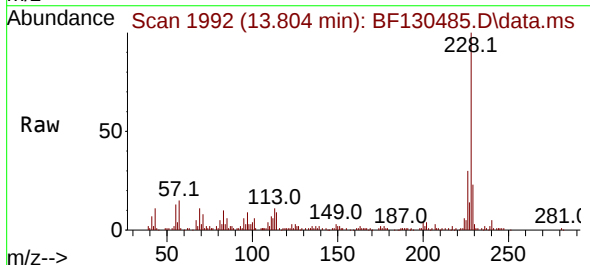
Manual Integrations
APPROVED

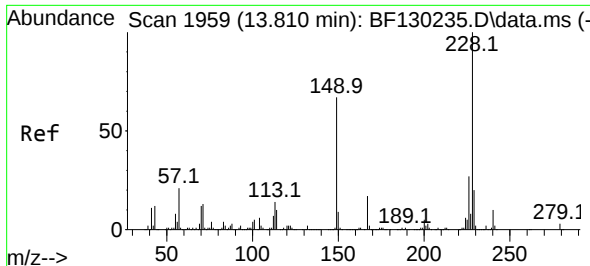
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#83
Chrysene
Concen: 3.700 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

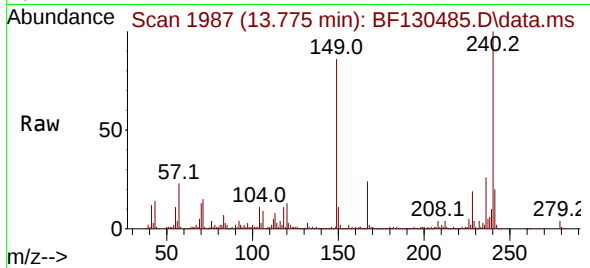
Tgt Ion:228 Resp: 44182
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 22.6 15.3 22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 17.294 ng
RT: 13.775 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

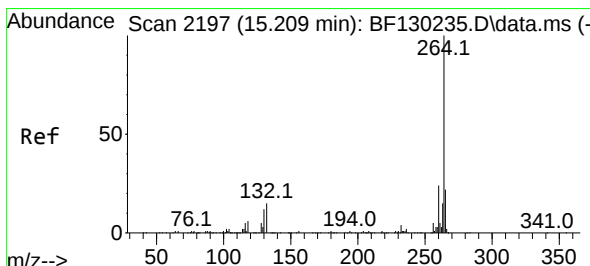
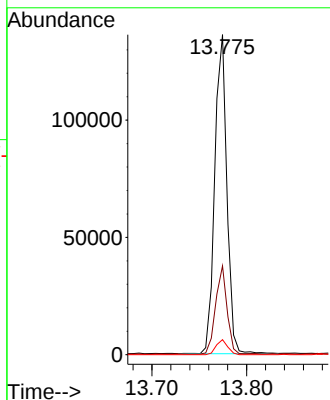
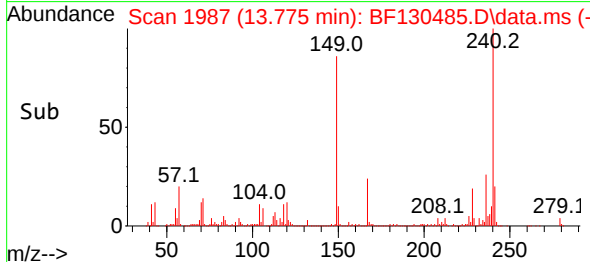
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8



Tgt Ion:149 Resp: 121375
Ion Ratio Lower Upper
149 100
167 27.7 20.5 30.7
279 4.7 2.9 4.3

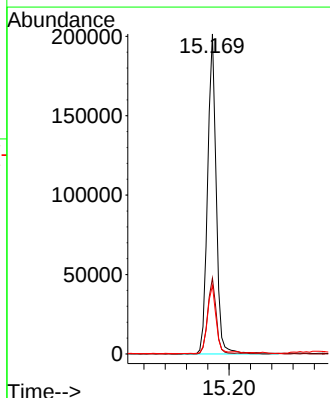
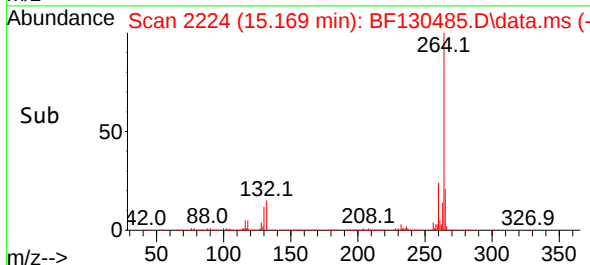
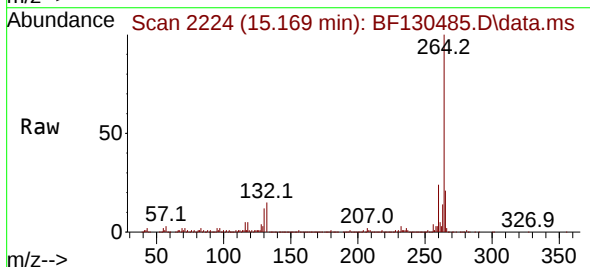
Manual Integrations
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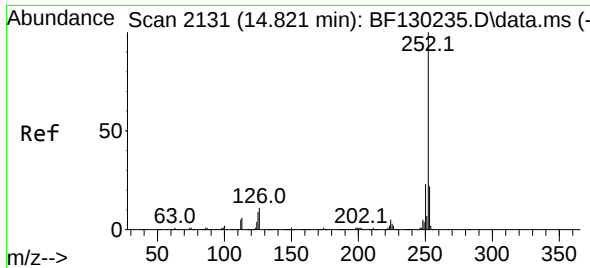
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.169 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

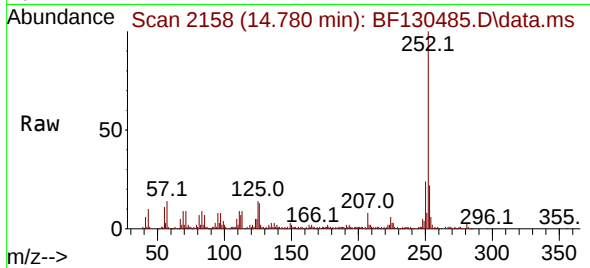
Tgt Ion:264 Resp: 225919
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.4 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 4.076 ng m
RT: 14.780 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

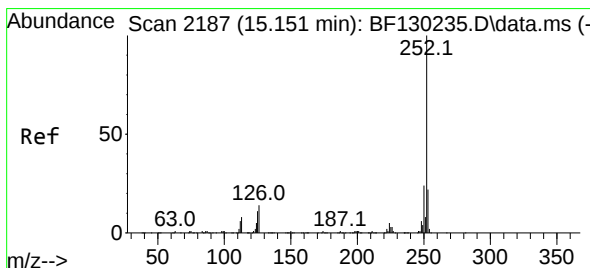
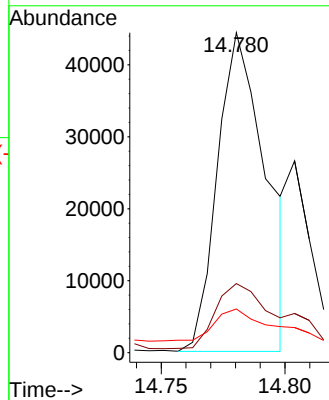
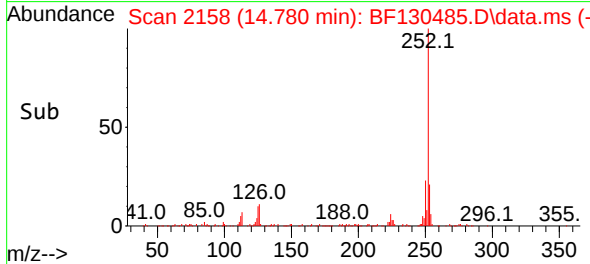
Instrument : BNA_F
ClientSampleId : CRUSHED-MASONRY-PILE-8



Tgt Ion:252 Resp: 6010
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 13.7 8.1 12.1

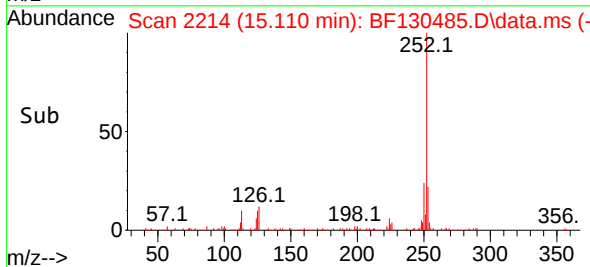
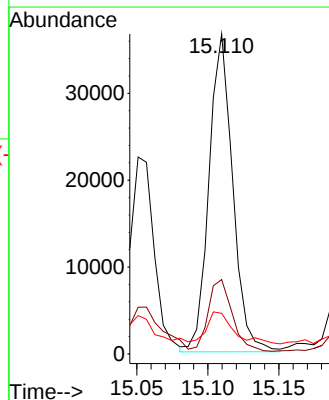
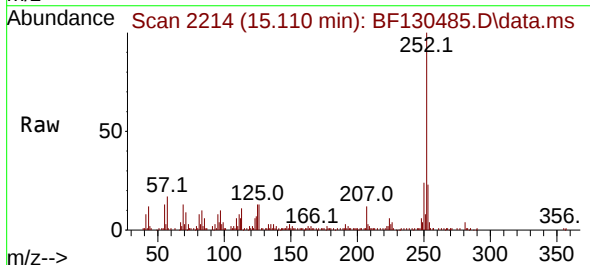
Manual Integrations
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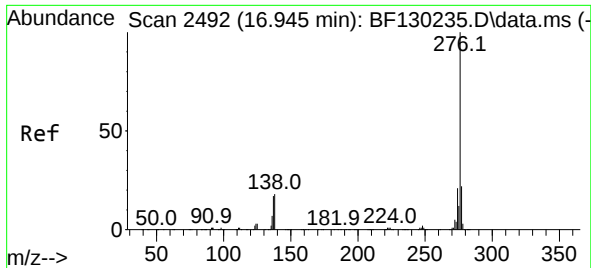
Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/06/2022



#90
Benzo(a)pyrene
Concen: 3.633 ng
RT: 15.110 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

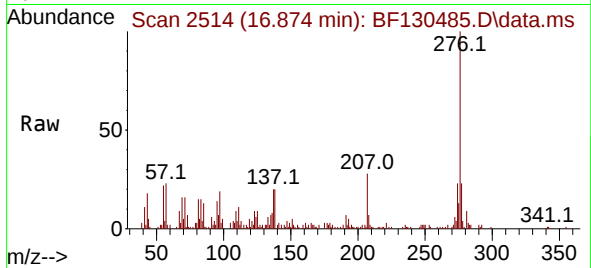
Tgt Ion:252 Resp: 42445
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 12.7 9.0 13.6





#92
Benzo(g,h,i)perylene
Concen: 2.201 ng
RT: 16.874 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF130485.D
Acq: 30 Sep 2022 15:39

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



Tgt Ion: 276 Resp: 29134
Ion Ratio Lower Upper
276 100
277 22.8 18.6 27.8
138 20.0 14.6 21.8

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

