

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130320.D
 Acq On : 19 Sep 2022 14:45
 Operator : CG\JU
 Sample : N4581-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/20/2022

Quant Time: Sep 19 15:10:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	95827	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	377928	20.000	ng	0.00
39) Acenaphthene-d10	9.686	164	202204	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	336502	20.000	ng	0.00
76) Chrysene-d12	13.792	240	165250	20.000	ng	-0.01
86) Perylene-d12	15.180	264	169831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	417144	75.503	ng	0.00
7) Phenol-d6	6.292	99	704792	101.953	ng	0.00
23) Nitrobenzene-d5	7.222	82	511173	69.101	ng	-0.01
42) 2,4,6-Tribromophenol	10.469	330	75788	39.116	ng	-0.01
45) 2-Fluorobiphenyl	9.016	172	969618	69.828	ng	0.00
79) Terphenyl-d14	12.757	244	1005056	100.748	ng	0.00
Target Compounds						Qvalue
78) Pyrene	12.586	202	47556m	3.290	ng	
80) Butylbenzylphthalate	13.227	149	28046	5.237	ng	94
81) Benzo(a)anthracene	13.780	228	63585	5.784	ng	98
83) Chrysene	13.815	228	56252	5.389	ng	100
84) Bis(2-ethylhexyl)phtha...	13.792	149	40543	6.609	ng	# 100
85) Di-n-octyl phthalate	14.398	149	47515	5.064	ng	# 86
88) Benzo(b)fluoranthene	14.792	252	24501	2.210	ng	99

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

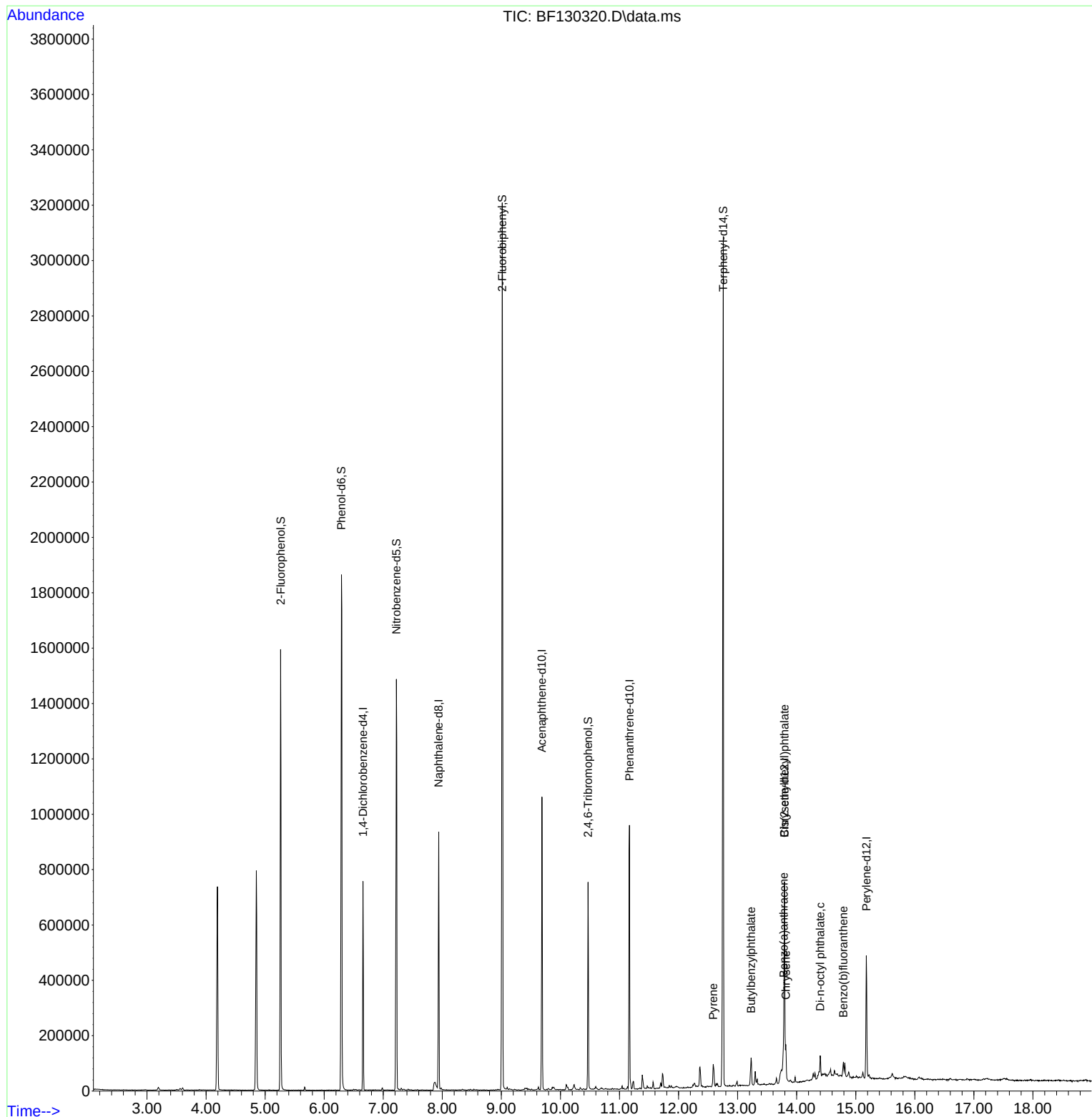
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130320.D
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ALS Vial : 8 Sample Multiplier: 1

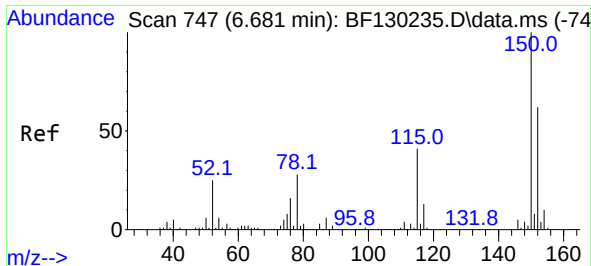
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CRUSHED-MASONRY-PILE-6

Quant Time: Sep 19 15:10:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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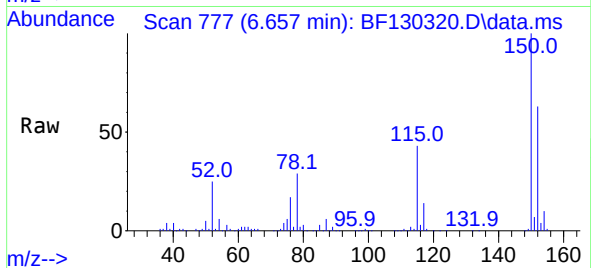
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

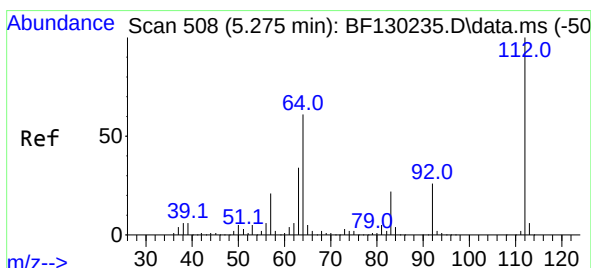
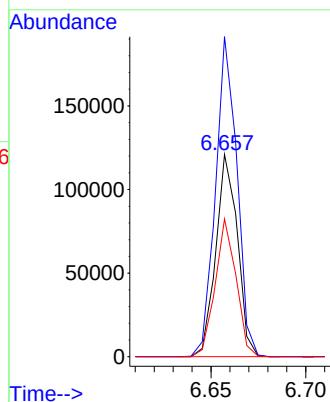
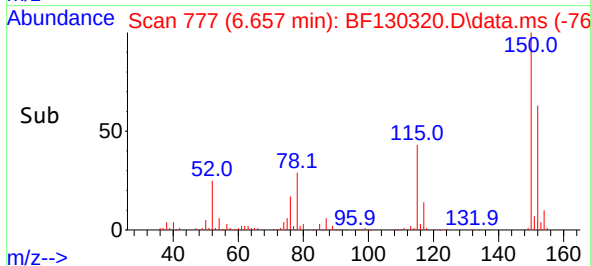
Instrument :
BNA_F
ClientSampleId :
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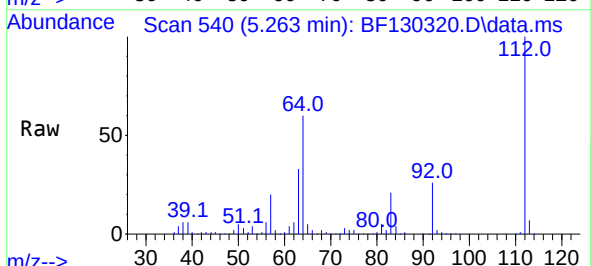
Tgt Ion:152 Resp: 9582
Ion Ratio Lower Upper
152 100
150 158.3 122.8 184.2
115 68.1 53.8 80.8

Manual Integrations
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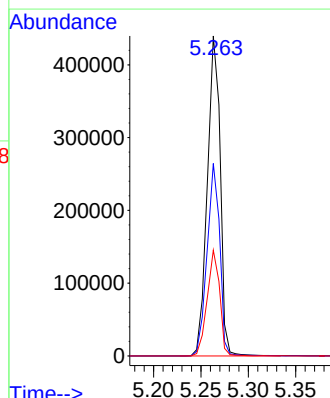
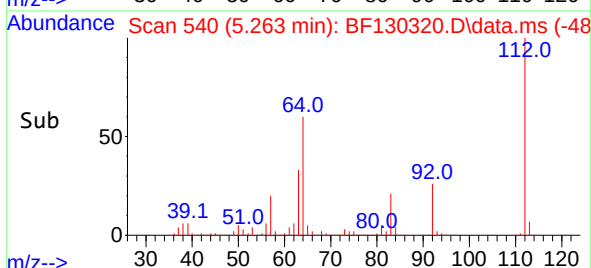
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

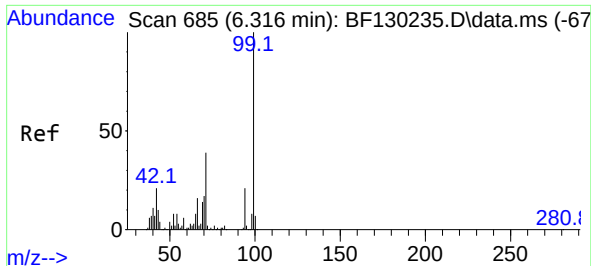


#5
2-Fluorophenol
Concen: 75.503 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45



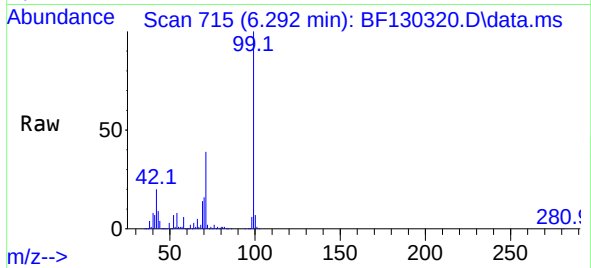
Tgt Ion:112 Resp: 417144
Ion Ratio Lower Upper
112 100
64 60.1 51.4 77.0
63 33.1 28.8 43.2





#7
Phenol-d6
Concen: 101.953 ng
RT: 6.292 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

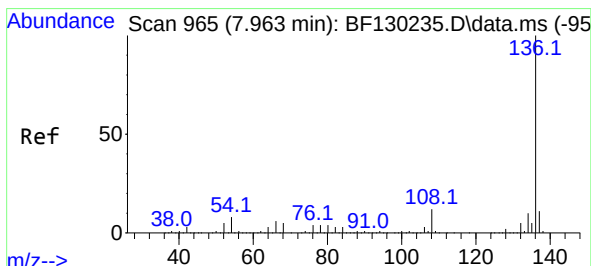
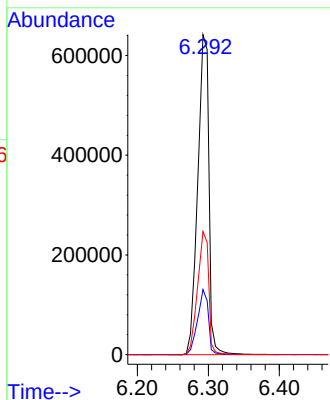
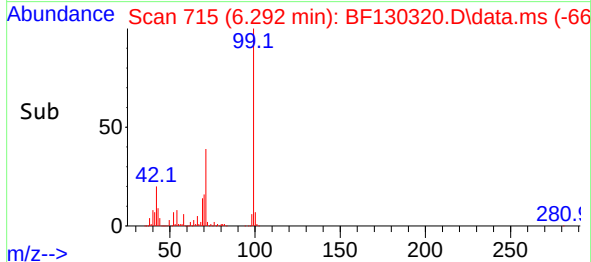
Instrument :
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ClientSampleId :
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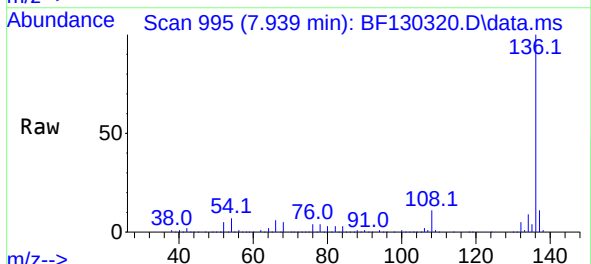
Tgt Ion: 99 Resp: 704792
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 38.5 32.3 48.5

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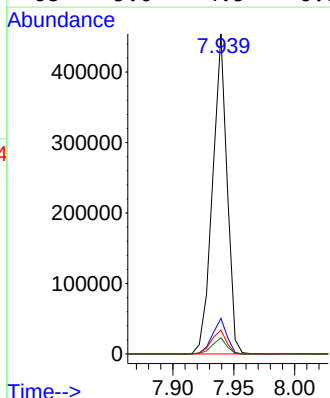
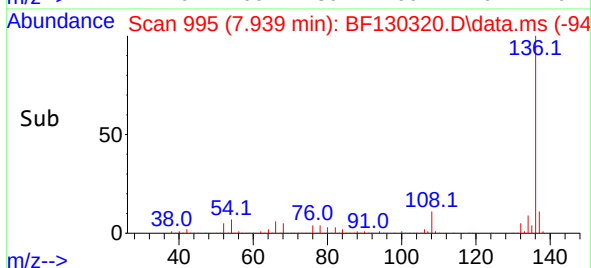
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

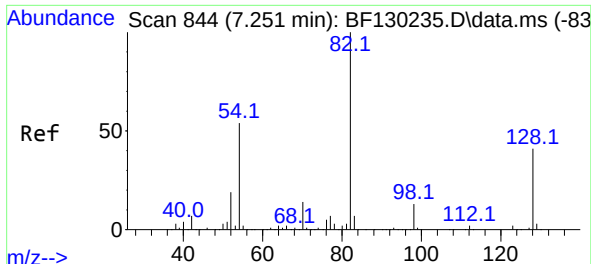


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45



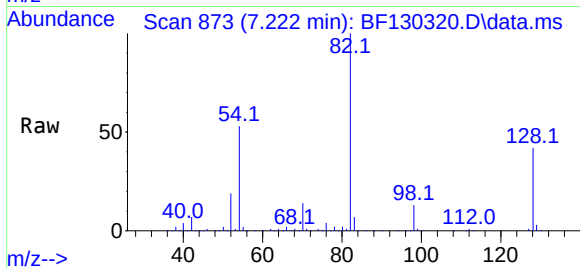
Tgt Ion:136 Resp: 377928
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.5 7.1 10.7
68 5.0 4.5 6.7





#23
Nitrobenzene-d5
Concen: 69.101 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

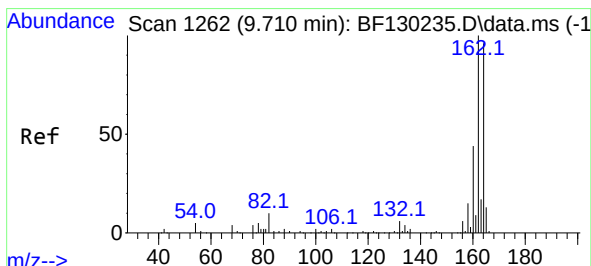
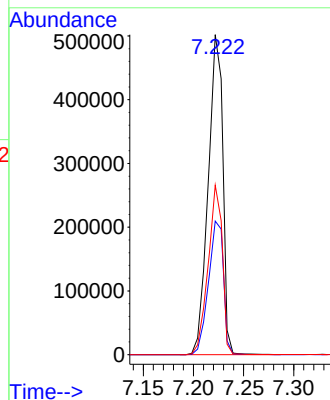
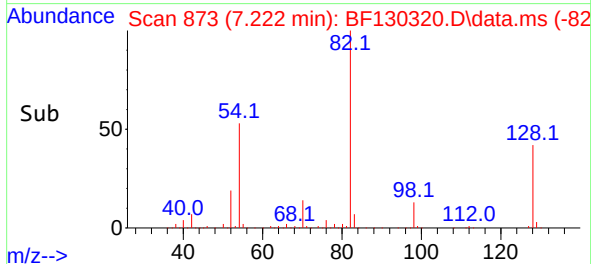
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 51117
Ion Ratio Lower Upper
82 100
128 41.7 32.6 49.0
54 53.0 43.8 65.6

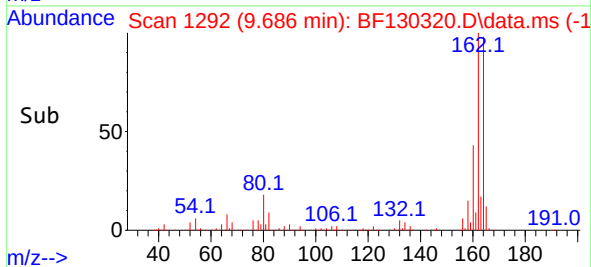
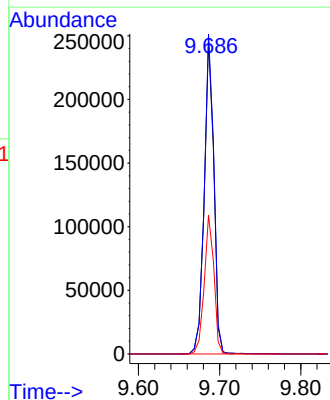
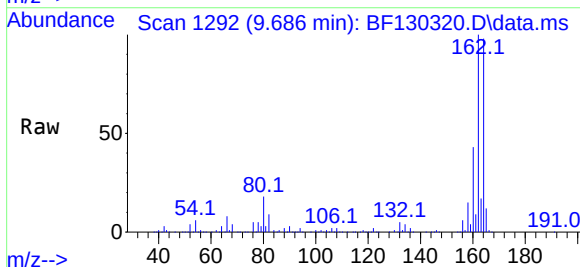
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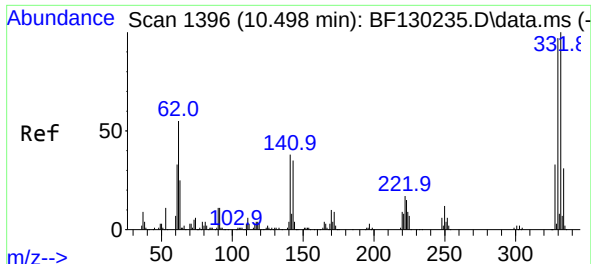
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

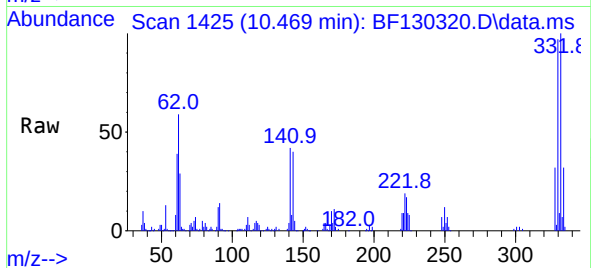
Tgt Ion:164 Resp: 202204
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.3 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 39.116 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

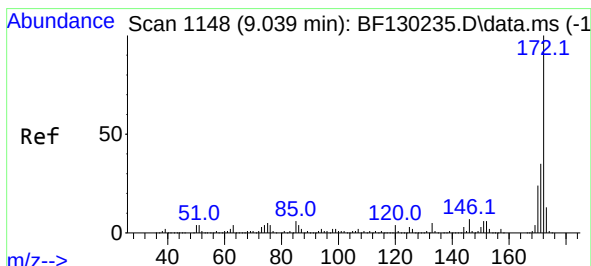
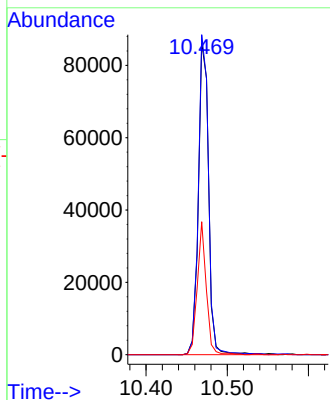
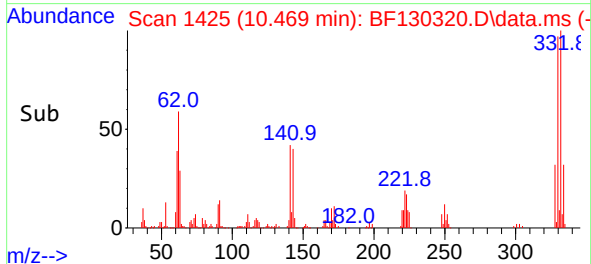
Instrument :
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ClientSampleId :
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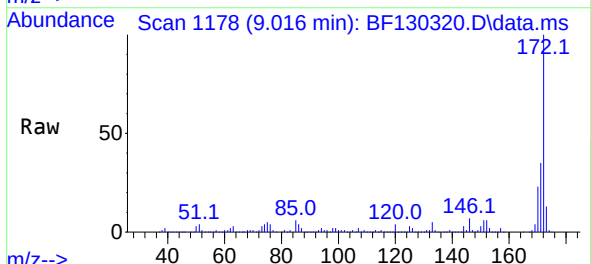
Tgt Ion:330 Resp: 7578
Ion Ratio Lower Upper
330 100
332 101.7 83.4 125.2
141 37.6 34.0 51.0

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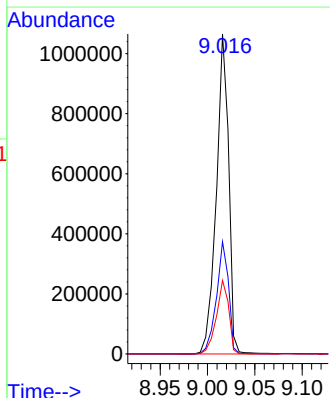
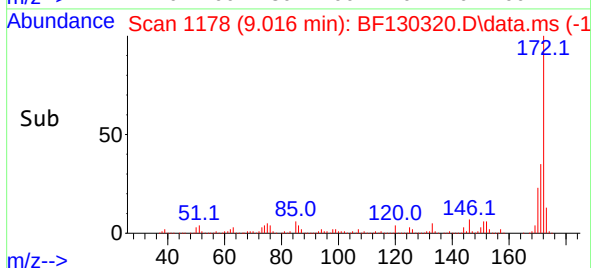
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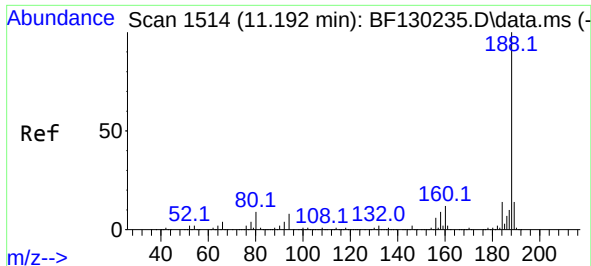


#45
2-Fluorobiphenyl
Concen: 69.828 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45



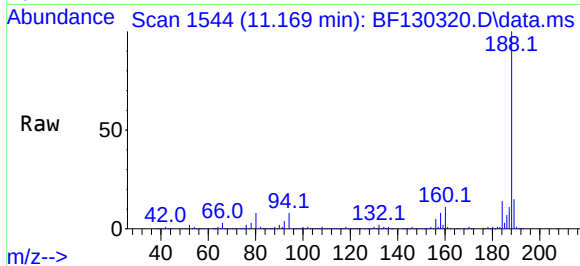
Tgt Ion:172 Resp: 969618
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

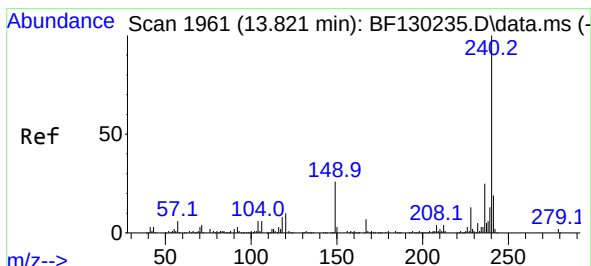
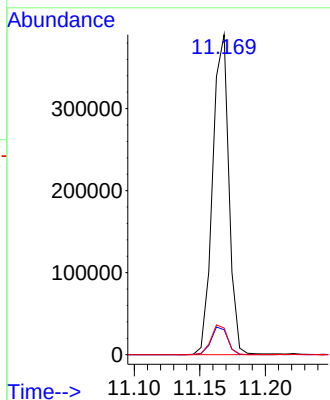
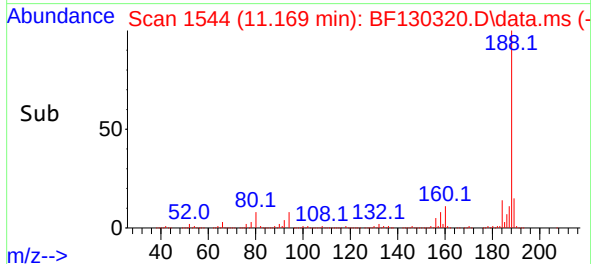
Instrument :
BNA_F
ClientSampleId :
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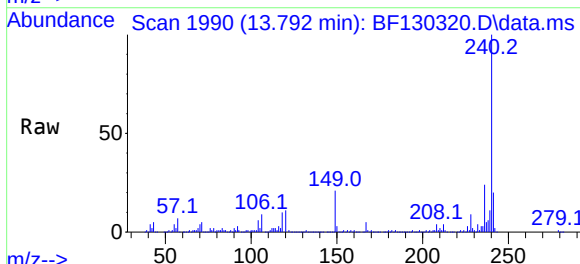
Tgt Ion:188 Resp: 336502
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.3 7.9 11.9

Manual Integrations
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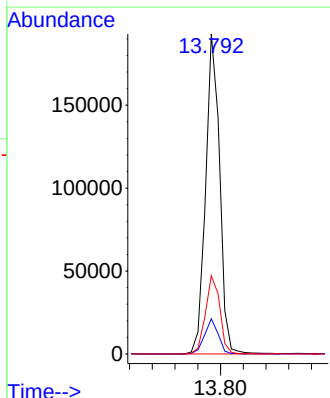
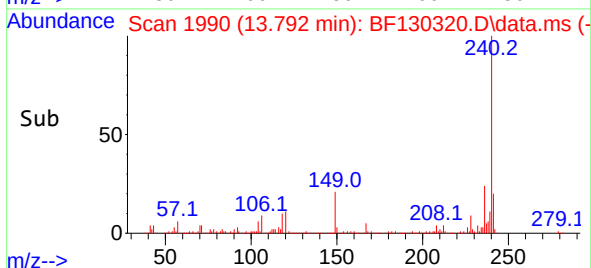
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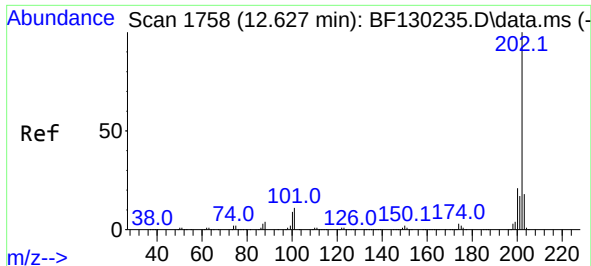


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45



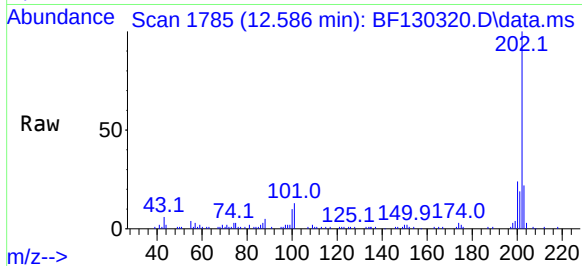
Tgt Ion:240 Resp: 165250
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 24.4 20.9 31.3





#78
Pyrene
Concen: 3.290 ng m
RT: 12.586 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

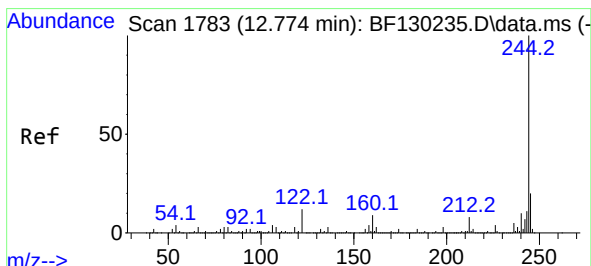
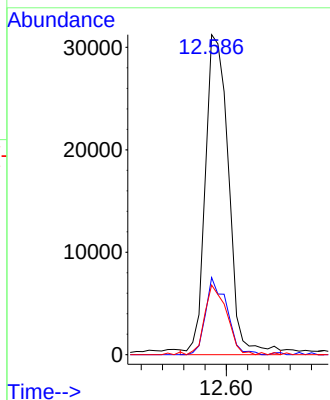
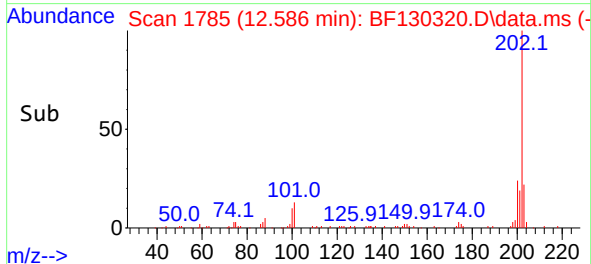
Instrument :
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ClientSampleId :
CRUSHED-MASONRY-PILE-6



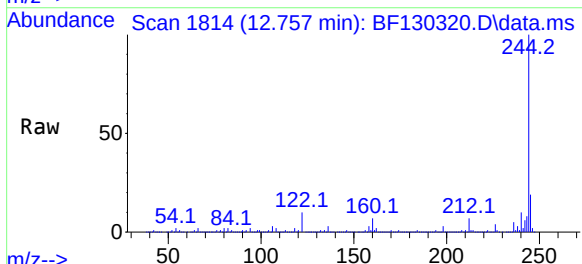
Tgt Ion:202 Resp: 47550
Ion Ratio Lower Upper
202 100
200 24.1 17.2 25.8
203 21.8 14.3 21.5

Manual Integrations
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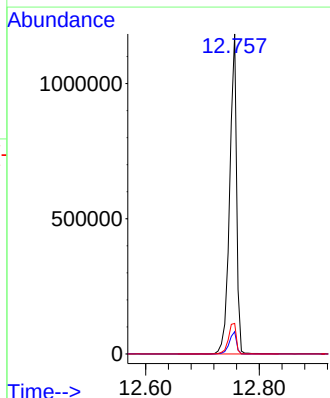
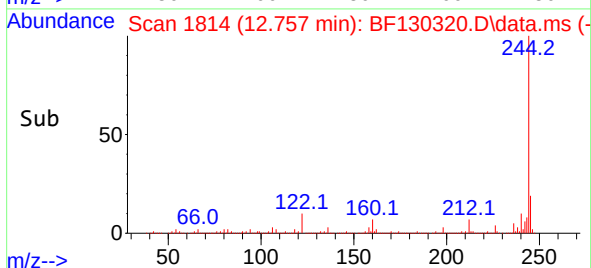
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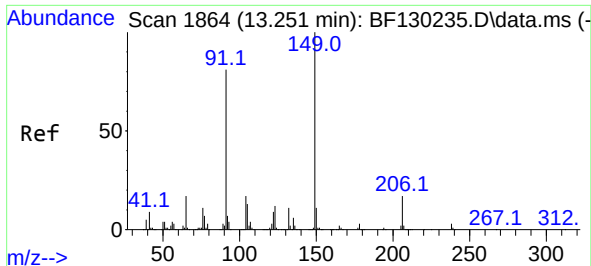


#79
Terphenyl-d14
Concen: 100.748 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45



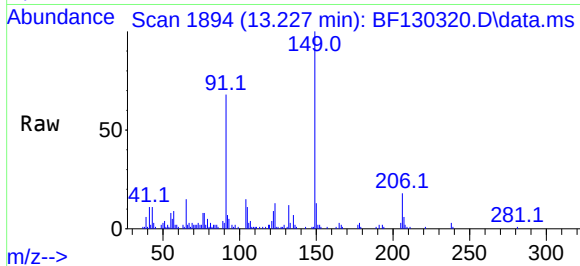
Tgt Ion:244 Resp: 1005056
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.6 8.5 12.7





#80
Butylbenzylphthalate
Concen: 5.237 ng
RT: 13.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

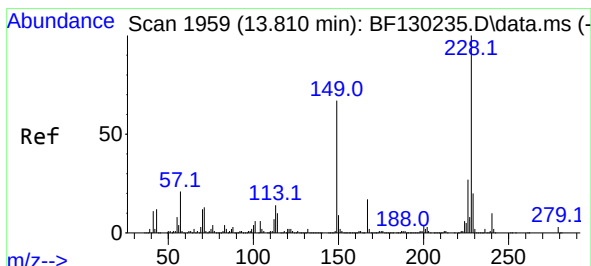
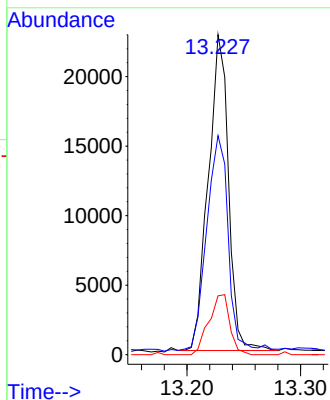
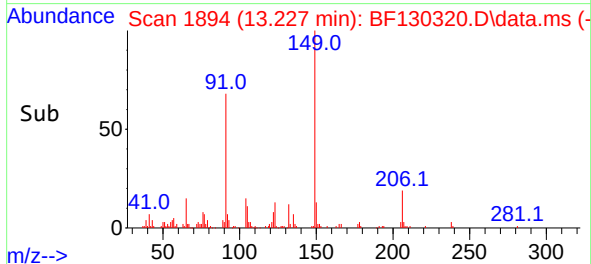
Instrument :
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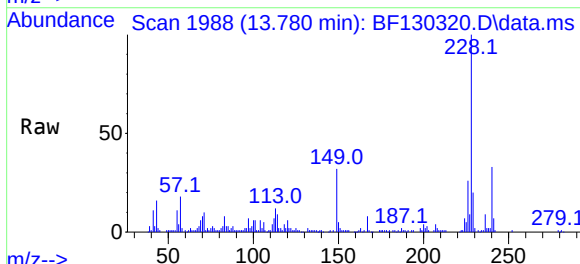
Tgt Ion:149 Resp: 28040
Ion Ratio Lower Upper
149 100
91 68.5 59.8 89.8
206 18.4 13.9 20.9

Manual Integrations
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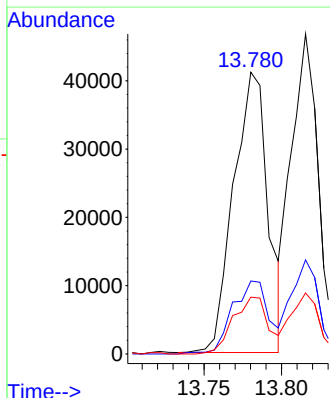
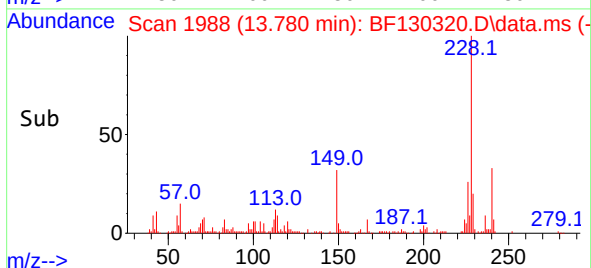
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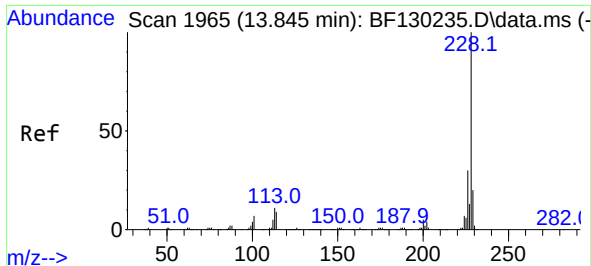


#81
Benzo(a)anthracene
Concen: 5.784 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45



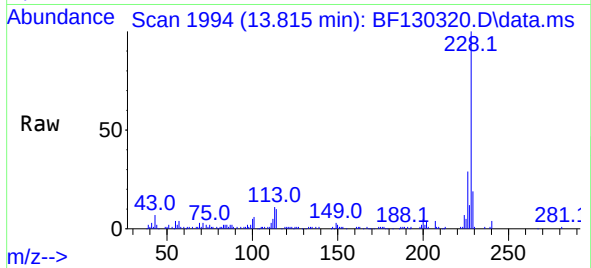
Tgt Ion:228 Resp: 63585
Ion Ratio Lower Upper
228 100
226 25.9 21.9 32.9
229 20.2 16.1 24.1





#83
Chrysene
Concen: 5.389 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

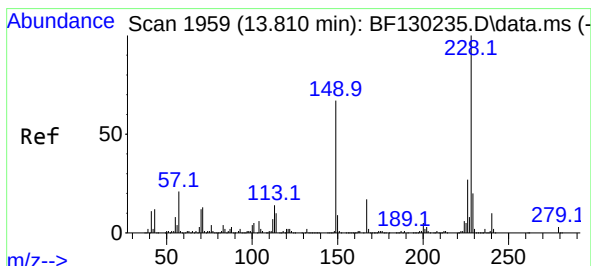
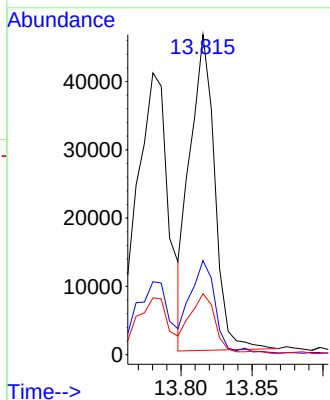
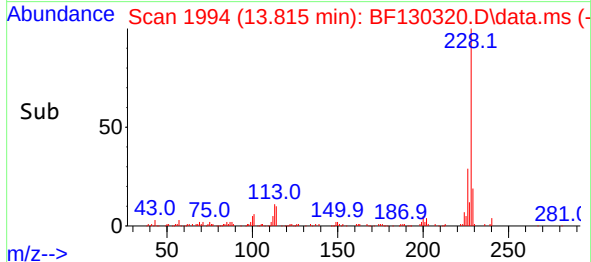
Instrument : BNA_F
ClientSampleId : CRUSHED-MASONRY-PILE-6



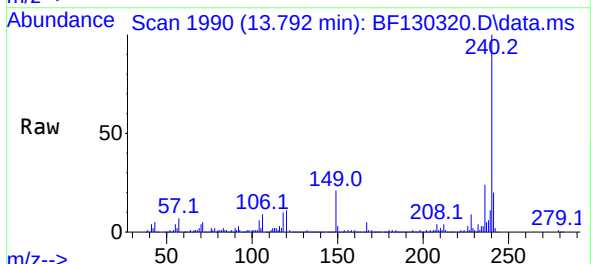
Tgt Ion:228 Resp: 5625
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 19.1 15.3 22.9

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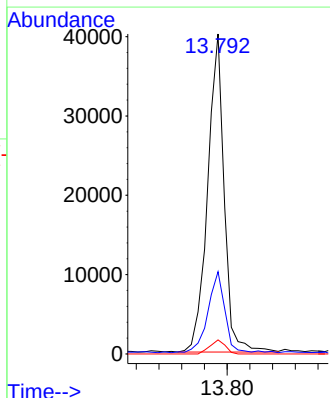
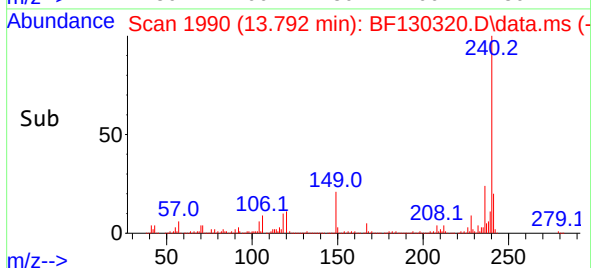
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

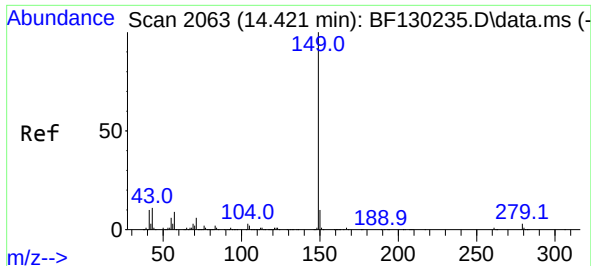


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.609 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45



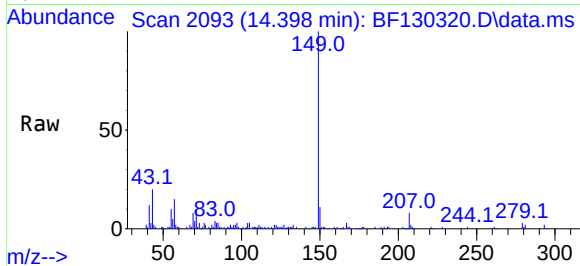
Tgt Ion:149 Resp: 40543
Ion Ratio Lower Upper
149 100
167 25.7 20.5 30.7
279 4.4 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 5.064 ng
RT: 14.398 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

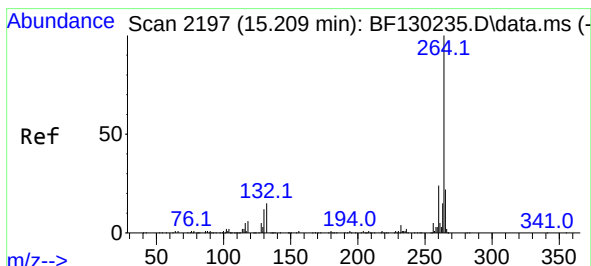
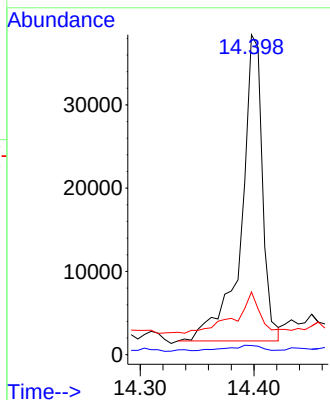
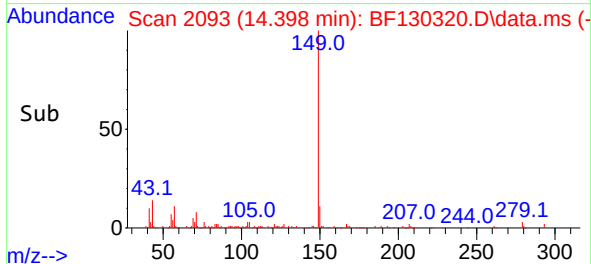
Instrument : BNA_F
ClientSampleId : CRUSHED-MASONRY-PILE-6



Tgt Ion:149 Resp: 47515
Ion Ratio Lower Upper
149 100
167 2.4 1.2 1.8
43 16.8 8.7 13.1

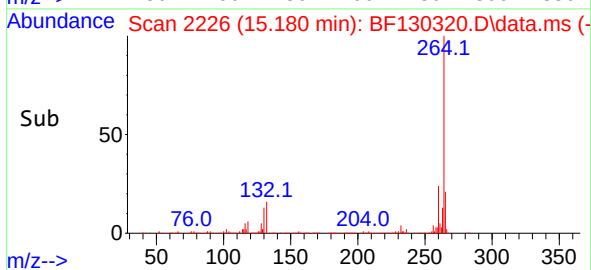
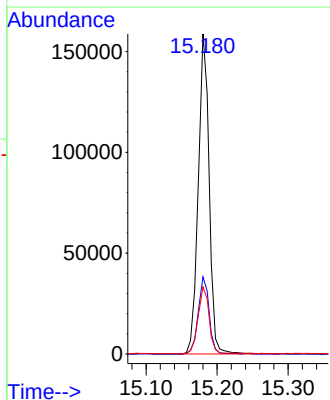
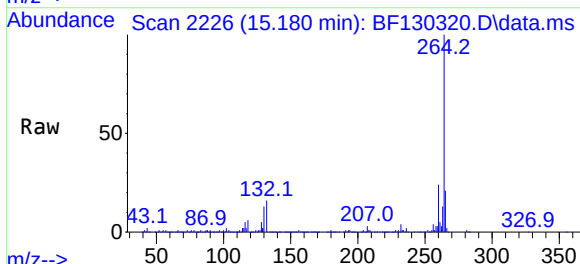
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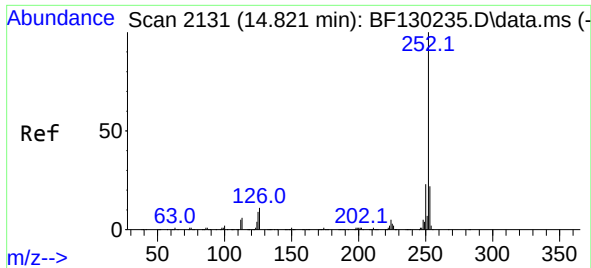
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.180 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

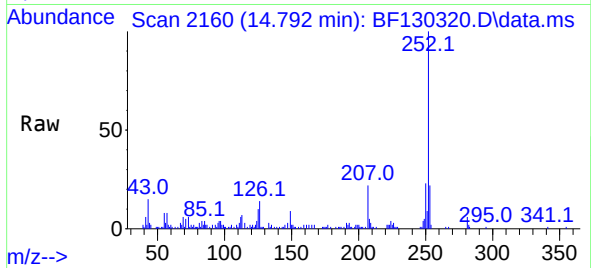
Tgt Ion:264 Resp: 169831
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.0 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.210 ng
RT: 14.792 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130320.D
Acq: 19 Sep 2022 14:45

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-6



Tgt Ion:252 Resp: 2450
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.1 8.1 12.1

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Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

