

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122038.D
 Acq On : 20 Oct 2020 19:40
 Operator : JU/CG
 Sample : L4461-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-B2-0.2-4.5

Manual Integrations
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Quant Time: Oct 21 00:37:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	107830	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	427429	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	216798	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	374648	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	246749	20.00	ng	-0.02
86) Perylene-d12	15.333	264	264076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	511081	69.95	ng	-0.02
7) Phenol-d6	6.375	99	645133	68.60	ng	-0.02
23) Nitrobenzene-d5	7.298	82	430961	51.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	168716	62.91	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	651251	44.20	ng	-0.02
79) Terphenyl-d14	12.833	244	464471	35.87	ng	-0.02
Target Compounds						Qvalue
49) Acenaphthylene	9.628	152	54457	2.59	ng	98
50) Dimethylphthalate	9.486	163	146162	9.22	ng	99
71) Phenanthrene	11.275	178	316039	15.38	ng	98
72) Anthracene	11.327	178	78733	3.70	ng	97
75) Fluoranthene	12.463	202	420894	19.11	ng	100
78) Pyrene	12.692	202	462892	24.62	ng	99
81) Benzo(a)anthracene	13.880	228	226112	13.98	ng	98
83) Chrysene	13.921	228	219985	13.86	ng	98
84) Bis(2-ethylhexyl)phtha...	13.868	149	51328	5.07	ng	99
87) Indeno(1,2,3-cd)pyrene	16.745	276	135491	7.90	ng	95
88) Benzo(b)fluoranthene	14.921	252	273655m	15.33	ng	
89) Benzo(k)fluoranthene	14.945	252	70799m	4.18	ng	
90) Benzo(a)pyrene	15.274	252	217387	14.10	ng	98
91) Dibenzo(a,h)anthracene	16.745	278	39364m	2.79	ng	
92) Benzo(g,h,i)perylene	17.168	276	140784	9.96	ng	100

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

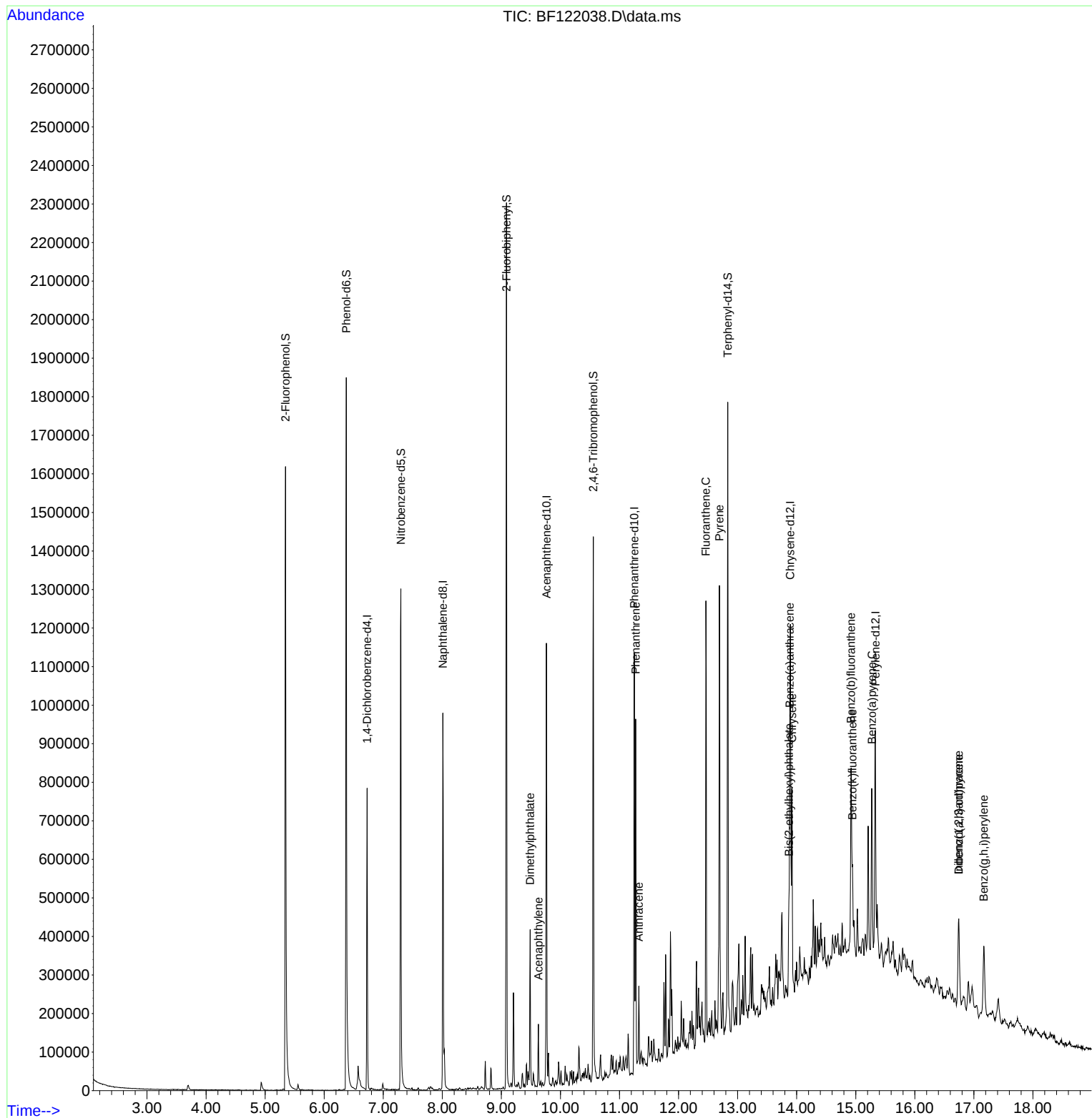
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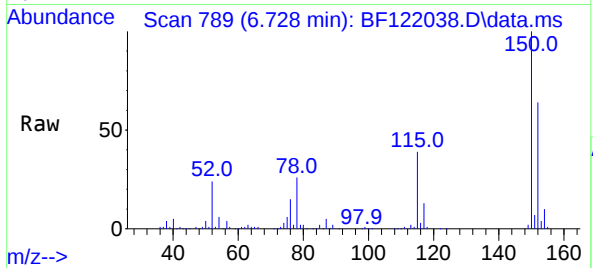
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

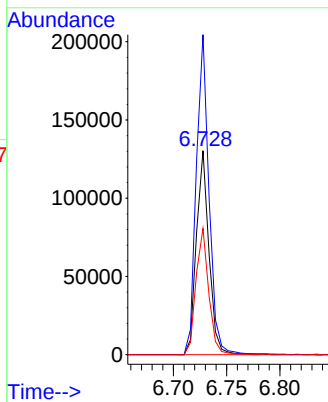
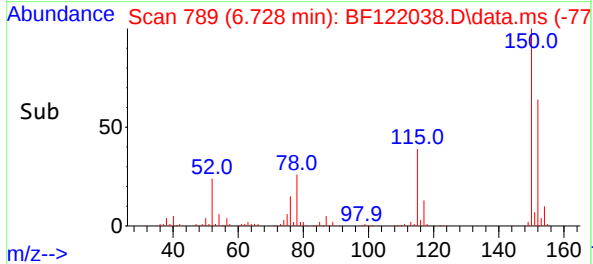




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



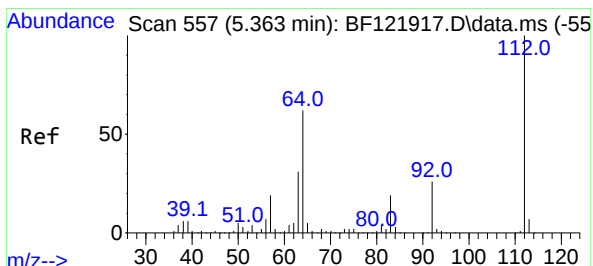
Tgt Ion:152 Resp: 107830
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 61.9 51.9 77.9



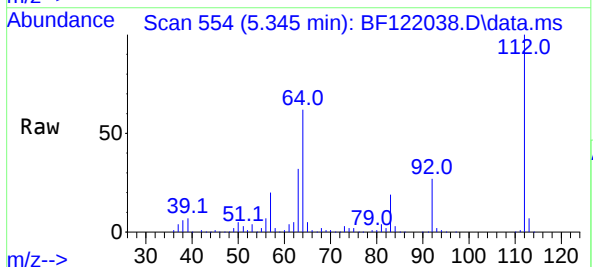
Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

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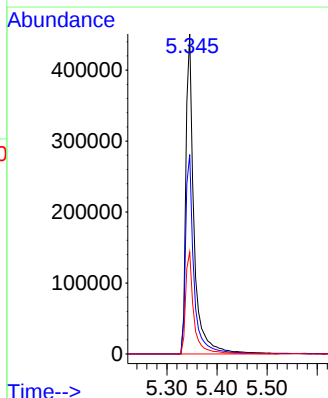
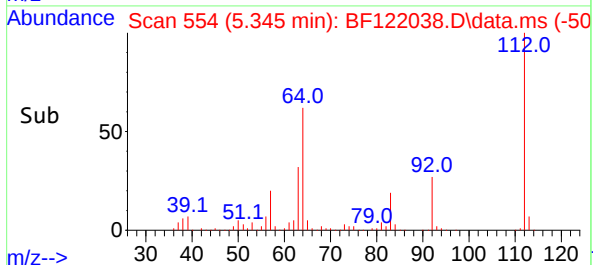
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#5
2-Fluorophenol
Concen: 69.95 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



Tgt Ion:112 Resp: 511081
Ion Ratio Lower Upper
112 100
64 62.3 50.4 75.6
63 31.8 25.8 38.6





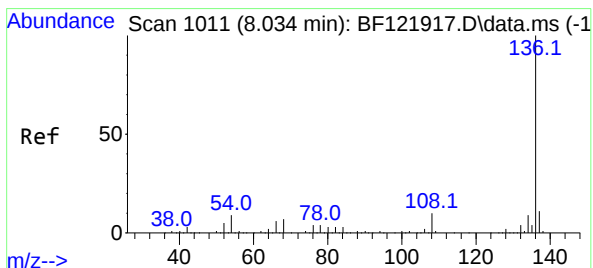
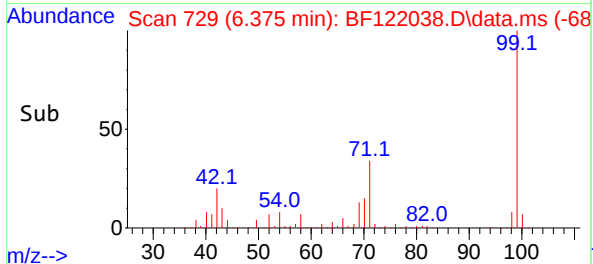
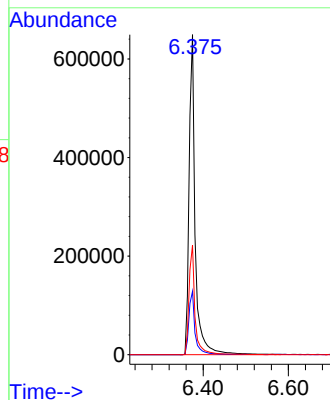
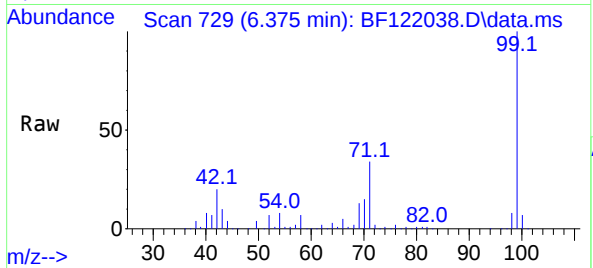
#7
Phenol-d6
Concen: 68.60 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion:	99	Resp:	645133
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.9	23.9
71	34.3	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

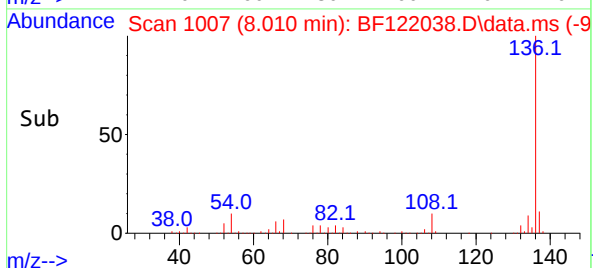
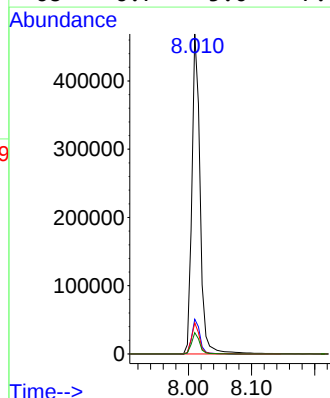
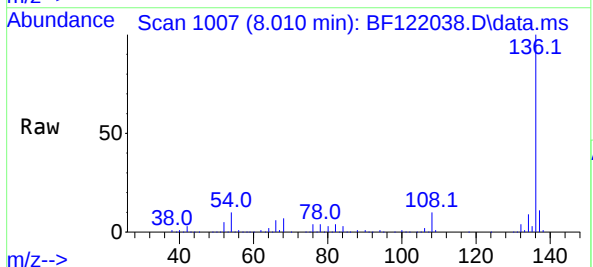
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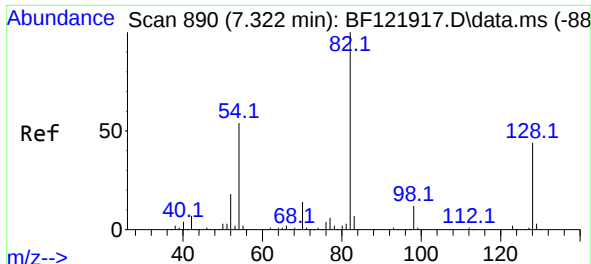
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion:	136	Resp:	427429
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.7	7.1	10.7
68	6.7	5.0	7.4





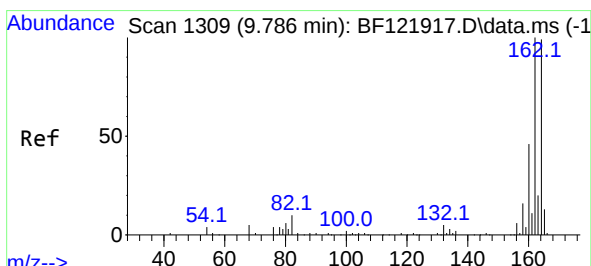
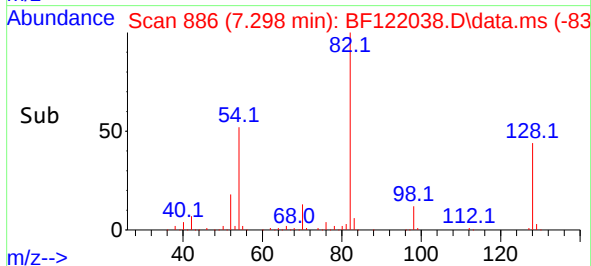
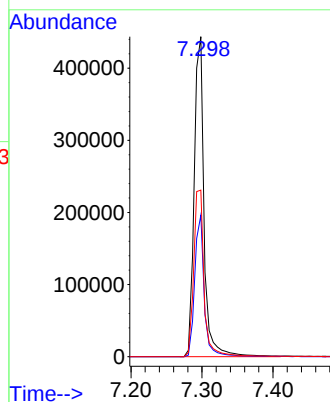
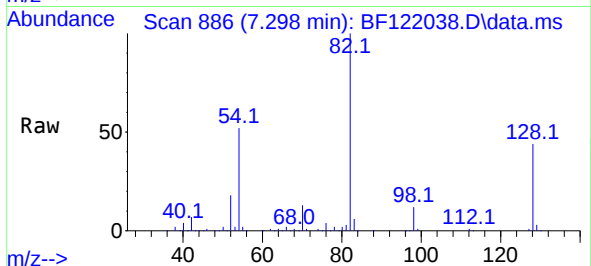
#23
Nitrobenzene-d5
Concen: 51.71 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion: 82 Resp: 430961
Ion Ratio Lower Upper
82 100
128 44.2 35.0 52.4
54 52.0 43.9 65.9

Instrument :
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ClientSampleId :
WCS-OH-B2-0.2-4.5

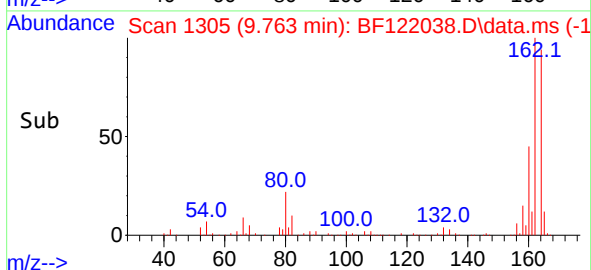
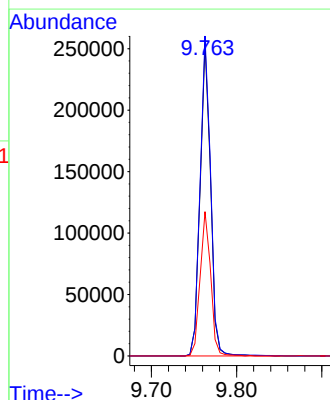
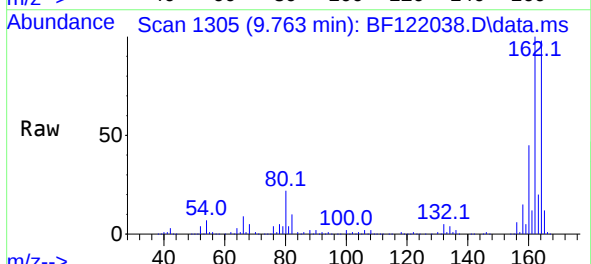
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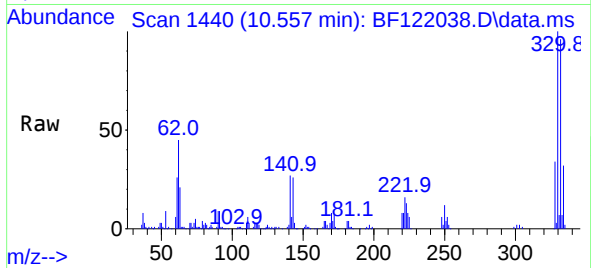
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion:164 Resp: 216798
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 46.2 37.5 56.3

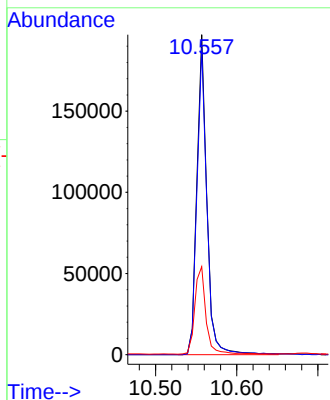




#42
2,4,6-Tribromophenol
Concen: 62.91 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



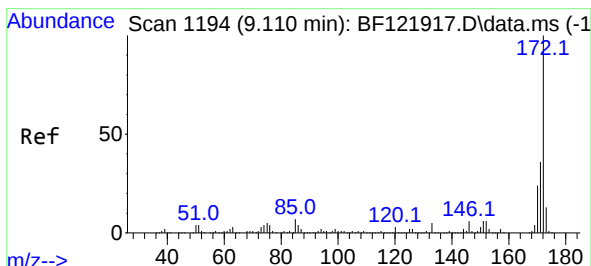
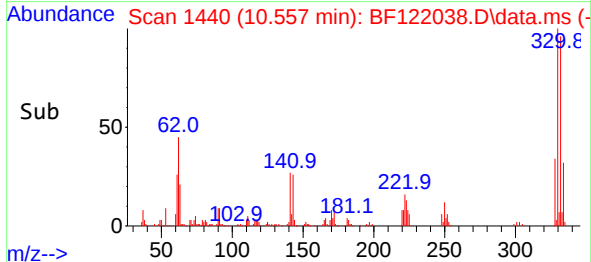
Tgt Ion: 330 Resp: 168716
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.4 22.3 33.5



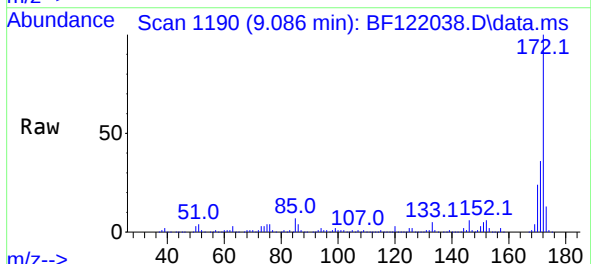
Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

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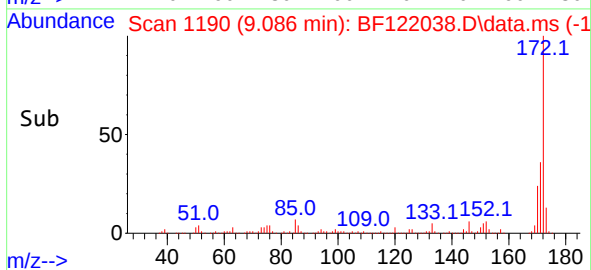
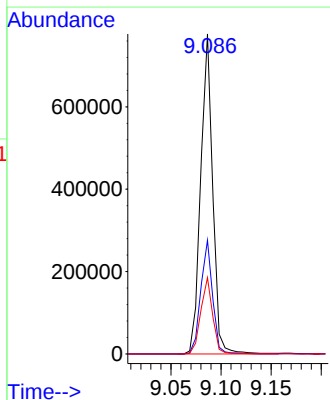
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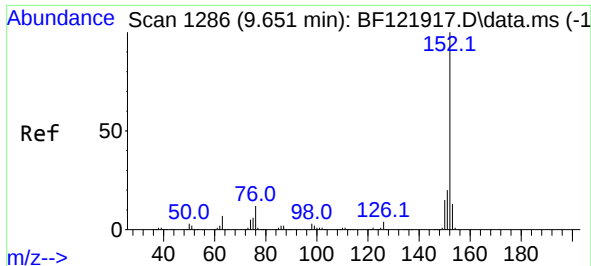


#45
2-Fluorobiphenyl
Concen: 44.20 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



Tgt Ion: 172 Resp: 651251
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.8 19.8 29.6





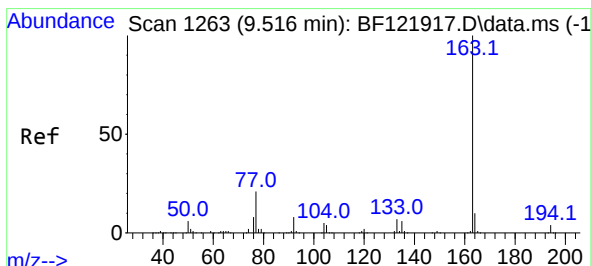
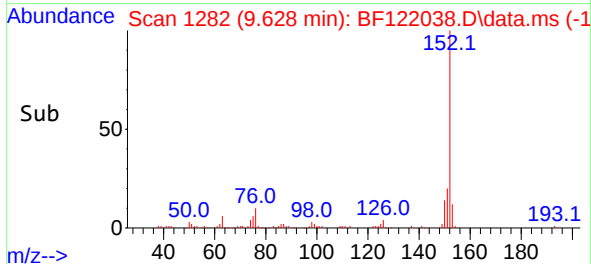
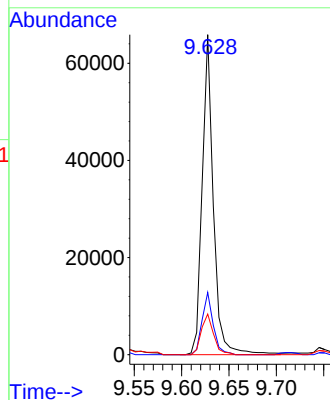
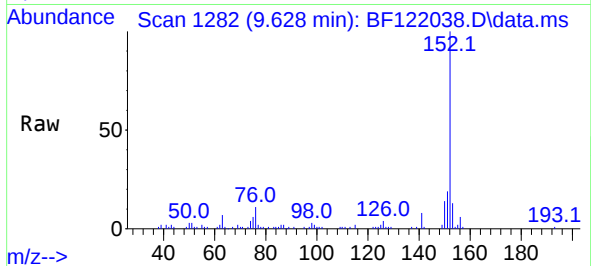
#49
Acenaphthylene
Concen: 2.59 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion:	152	Resp:	54457
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.4	24.6
153	12.7	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

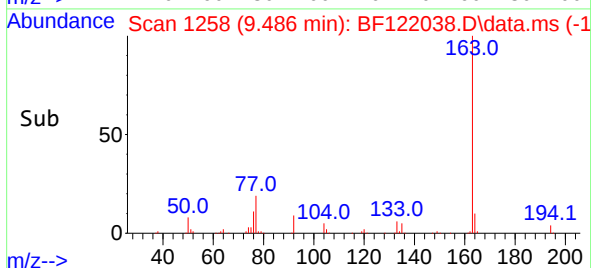
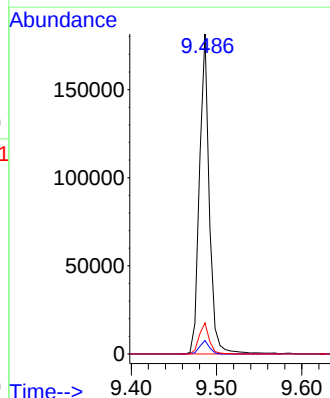
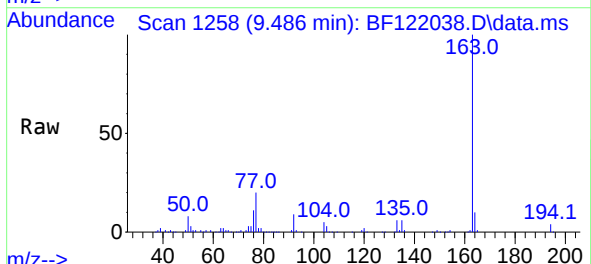
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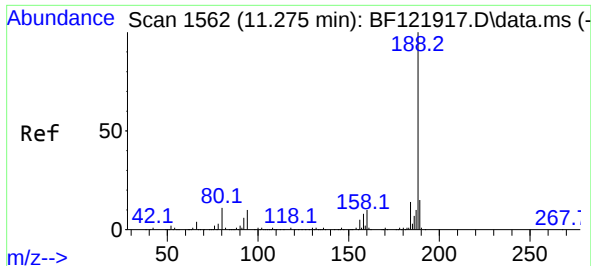
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#50
Dimethylphthalate
Concen: 9.22 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

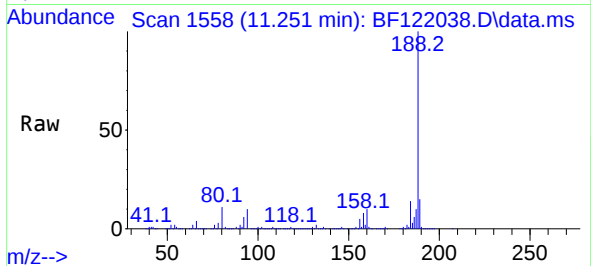
Tgt Ion:	163	Resp:	146162
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	9.7	8.2	12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

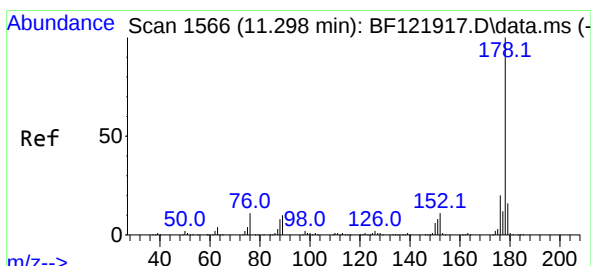
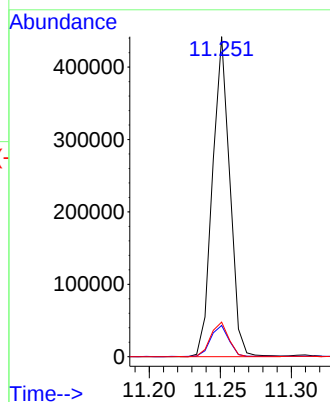
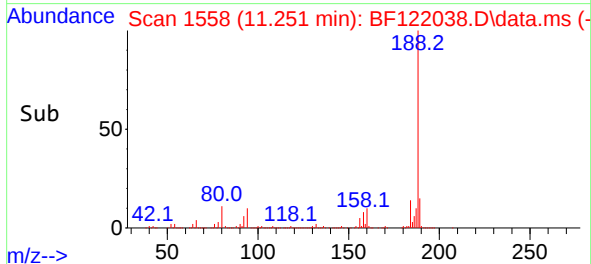
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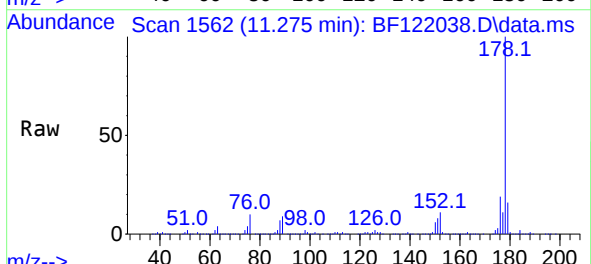
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Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.8 9.1 13.7

Manual Integrations
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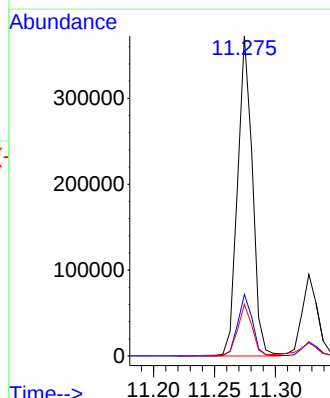
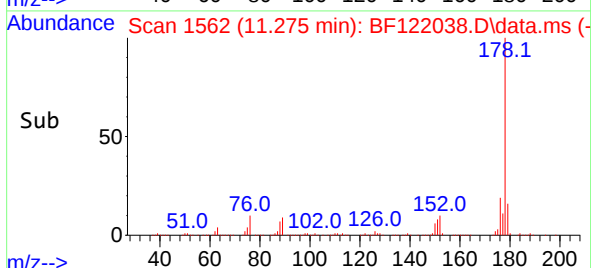
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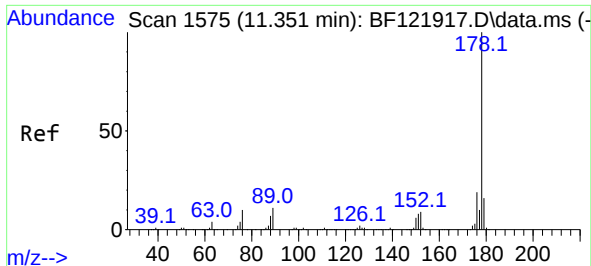


#71
Phenanthrene
Concen: 15.38 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



Tgt Ion:178 Resp: 316039
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 16.1 12.2 18.4





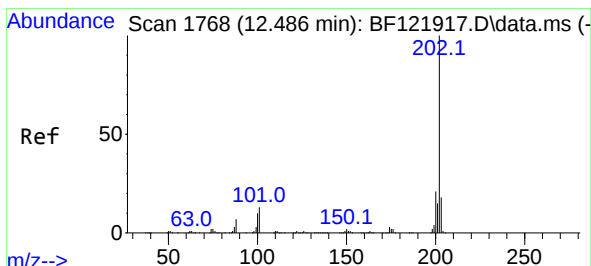
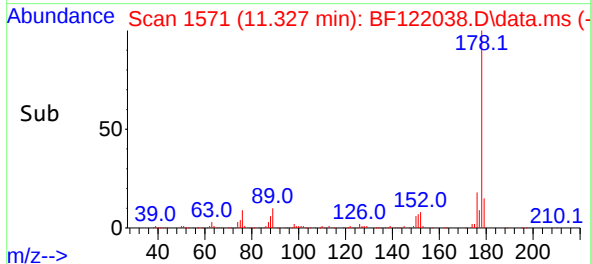
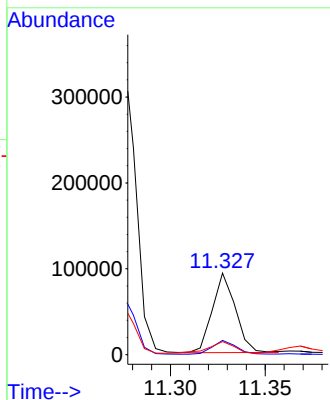
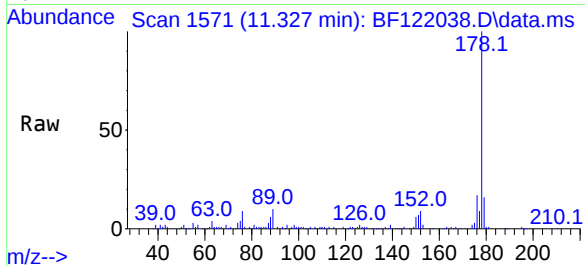
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 Anthracene
 Concen: 3.70 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. -0.018 min
 Lab File: BF122038.D
 Acq: 20 Oct 2020 19:40

Tgt Ion:	178	Resp:	78733
Ion Ratio	Lower	Upper	
178	100		
176	17.4	15.7	23.5
179	16.1	12.7	19.1

Instrument :
 BNA_F
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 WCS-OH-B2-0.2-4.5

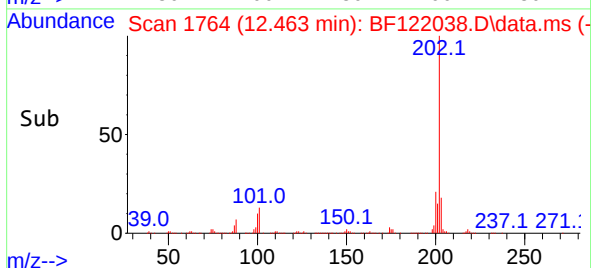
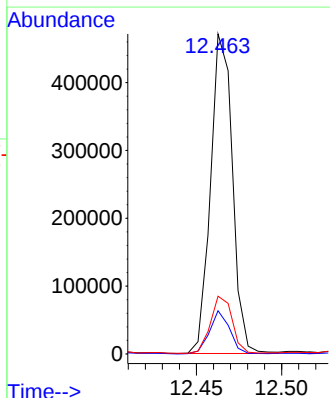
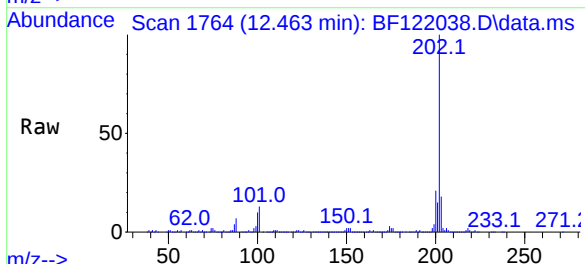
Manual Integrations
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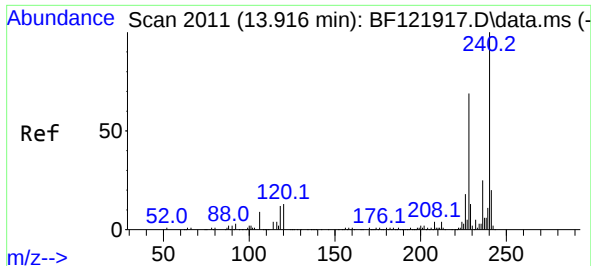
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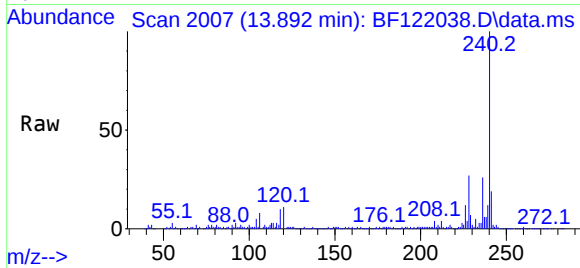
#75
 Fluoranthene
 Concen: 19.11 ng
 RT: 12.463 min Scan# 1764
 Delta R.T. -0.018 min
 Lab File: BF122038.D
 Acq: 20 Oct 2020 19:40

Tgt Ion:	202	Resp:	420894
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.4
203	18.1	0.0	37.9

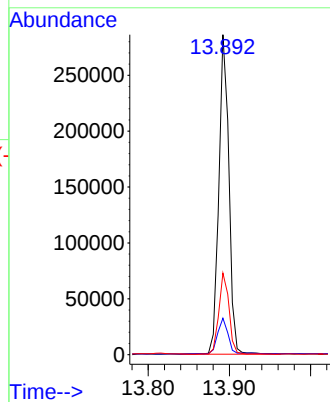
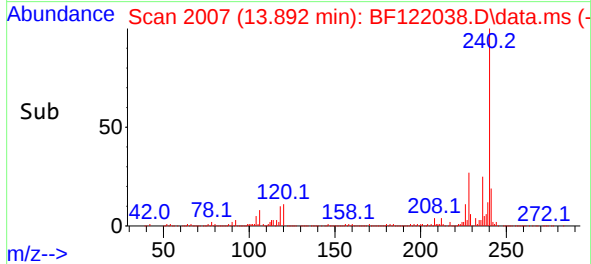




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



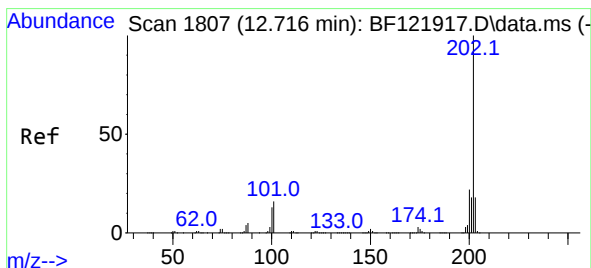
Tgt Ion:240 Resp: 246749
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.5 20.9 31.3



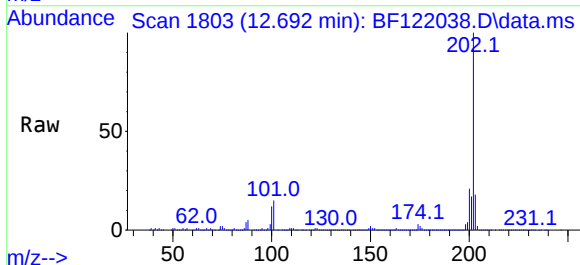
Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

Manual Integrations
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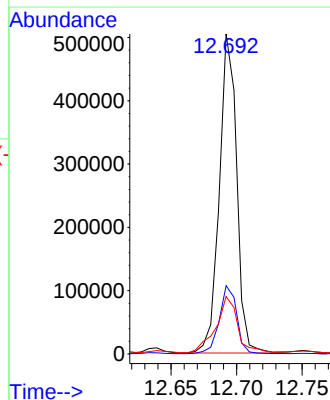
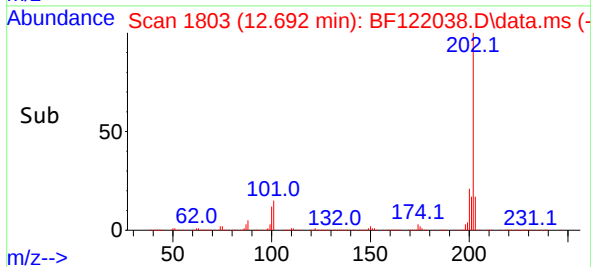
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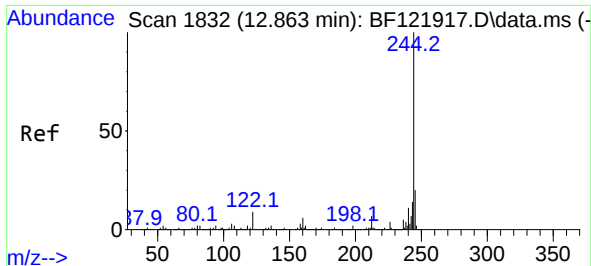


#78
Pyrene
Concen: 24.62 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



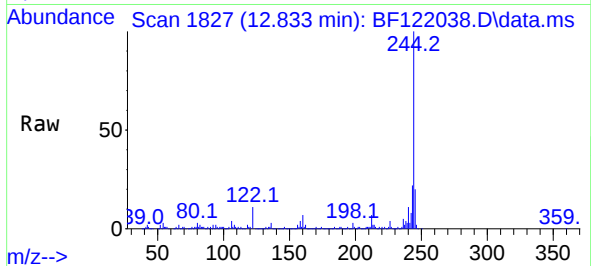
Tgt Ion:202 Resp: 462892
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.9 14.6 21.8





#79
Terphenyl-d14
Concen: 35.87 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

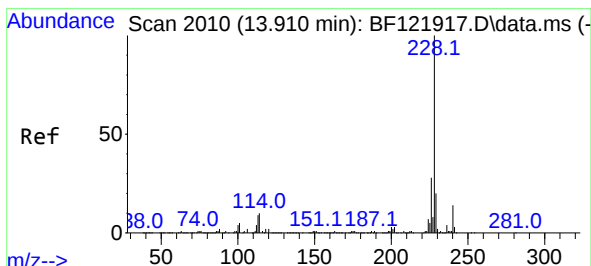
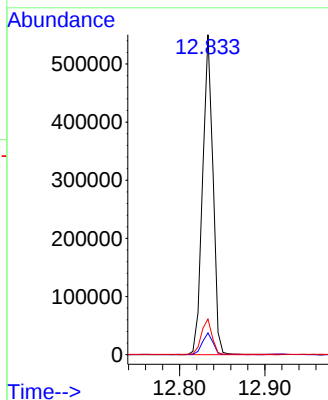
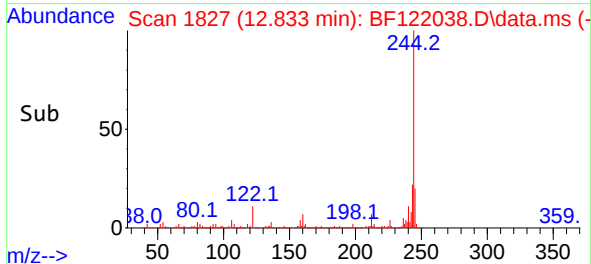
Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5



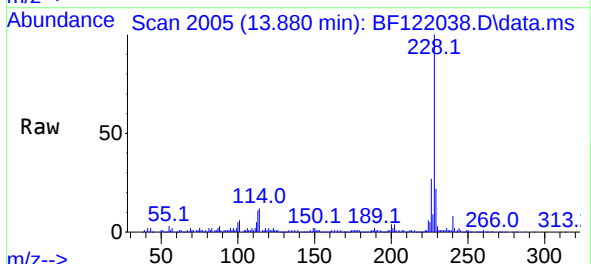
Tgt Ion:244 Resp: 464471
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.2 8.1 12.1

Manual Integrations
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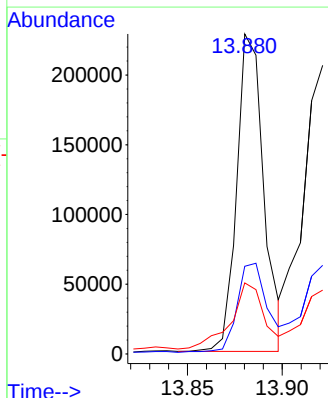
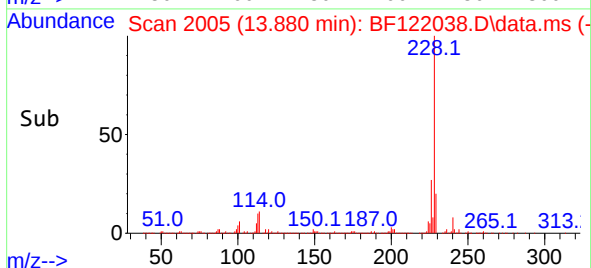
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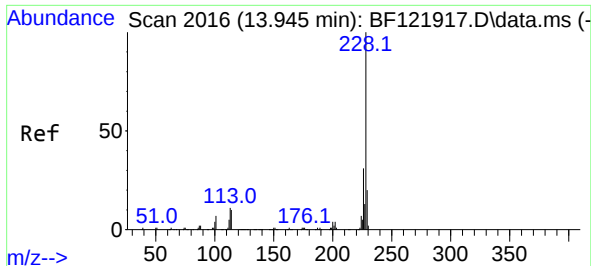


#81
Benzo(a)anthracene
Concen: 13.98 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



Tgt Ion:228 Resp: 226112
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 22.2 16.2 24.4





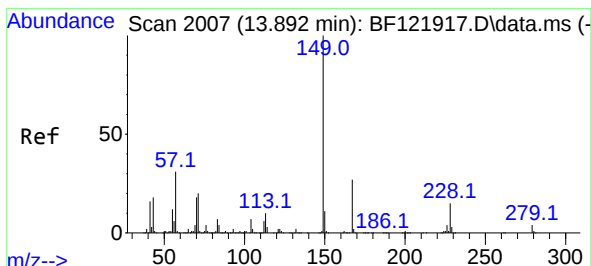
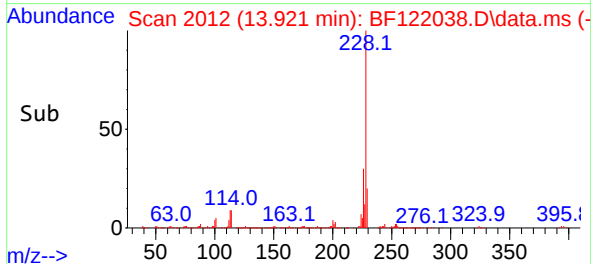
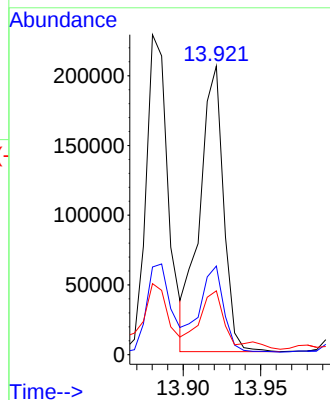
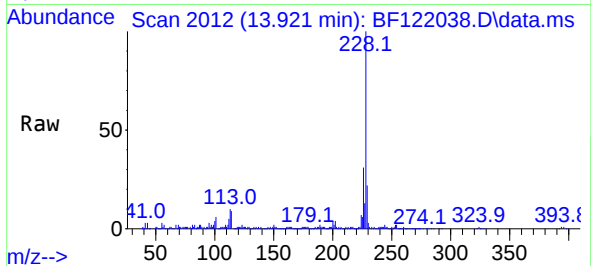
#83
Chrysene
Concen: 13.86 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion:	228	Resp:	219985
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.6	37.0
229	22.1	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

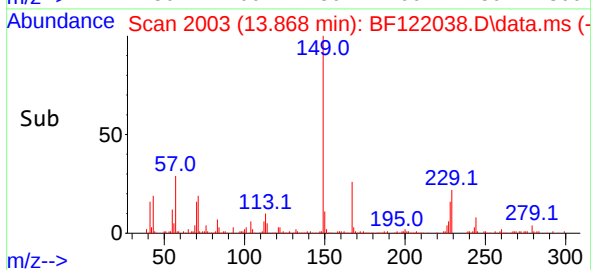
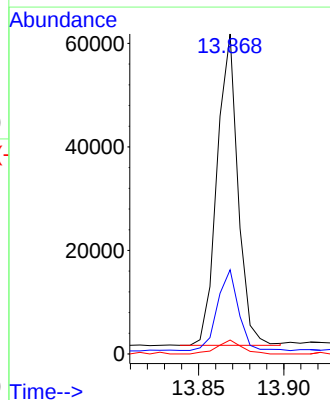
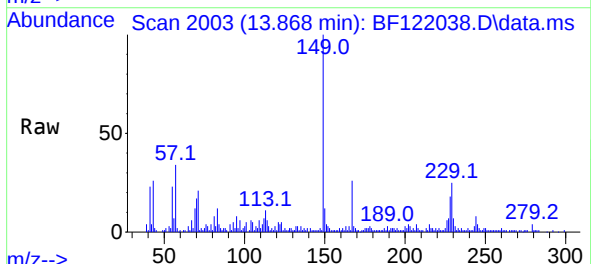
Manual Integrations
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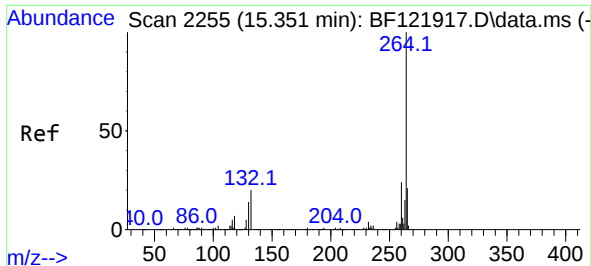
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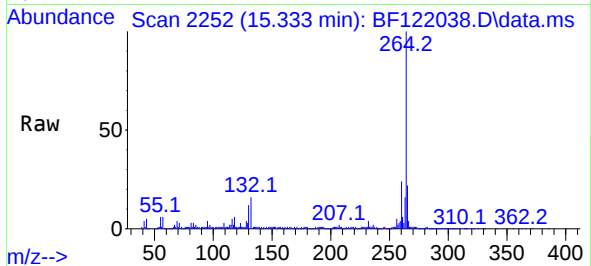
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.07 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion:	149	Resp:	51328
Ion Ratio	Lower	Upper	
149	100		
167	26.3	20.9	31.3
279	4.4	3.2	4.8

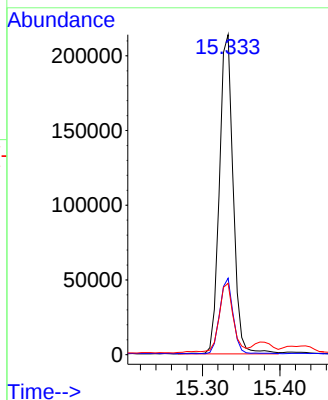
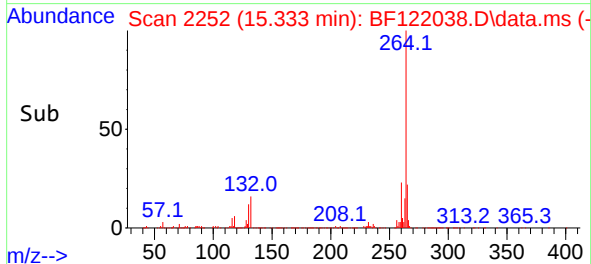




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



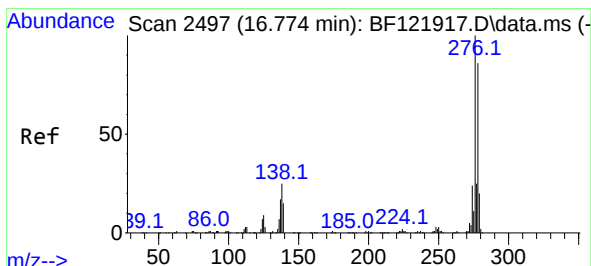
Tgt Ion:264 Resp: 264076
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.3 17.3 25.9



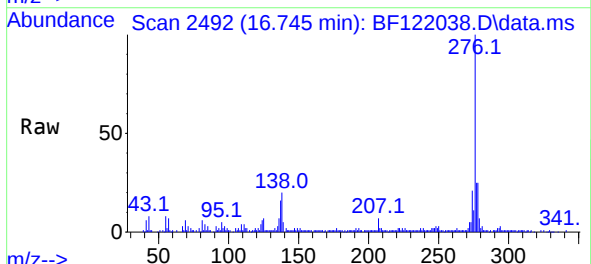
Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

Manual Integrations
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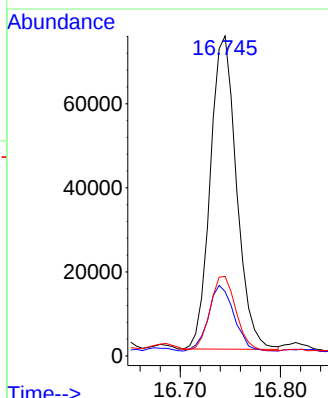
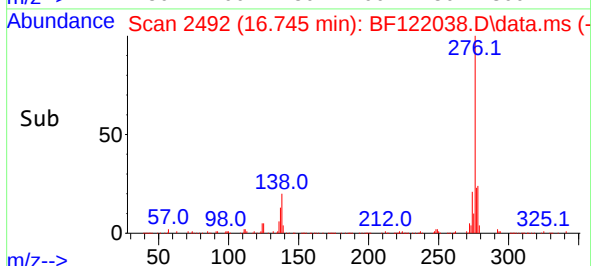
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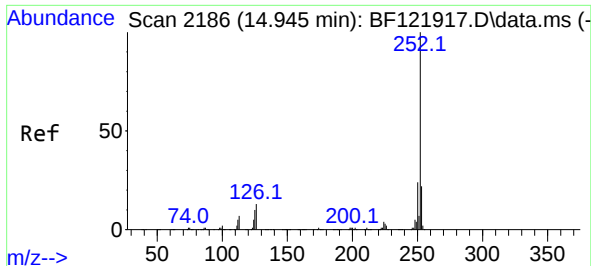


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.90 ng
RT: 16.745 min Scan# 2492
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



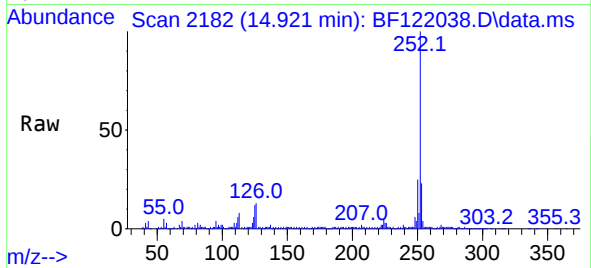
Tgt Ion:276 Resp: 135491
Ion Ratio Lower Upper
276 100
138 21.7 19.9 29.9
277 23.5 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 15.33 ng m
RT: 14.921 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

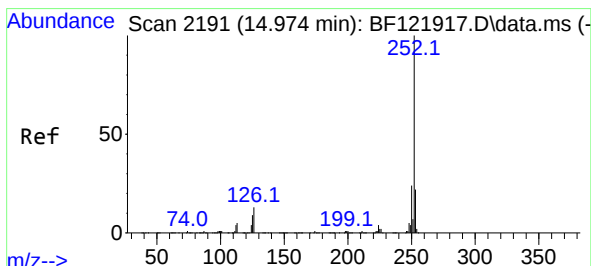
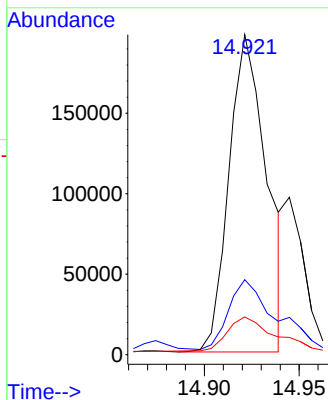
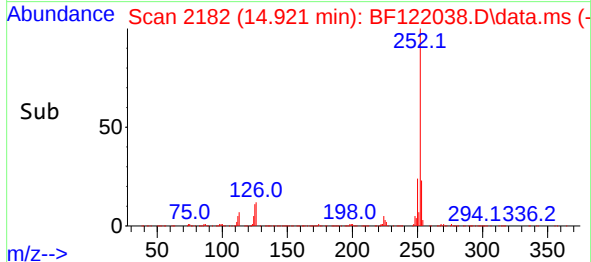
Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5



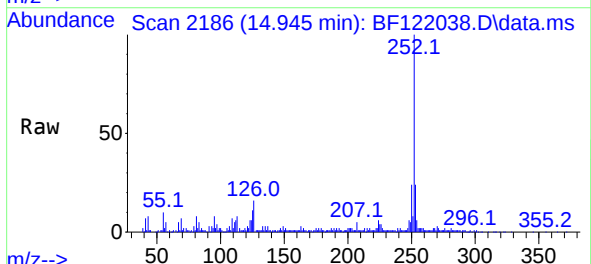
Tgt Ion:252 Resp: 273655
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 11.8 8.0 12.0

Manual Integrations
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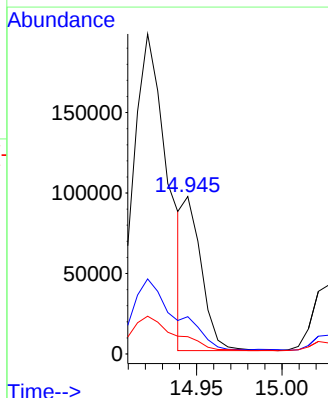
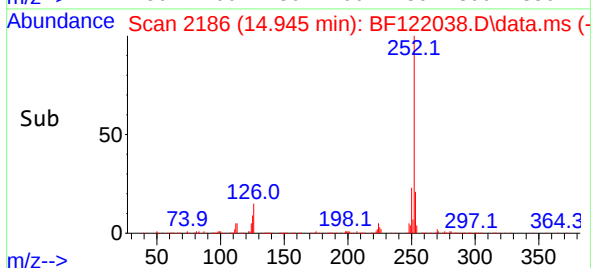
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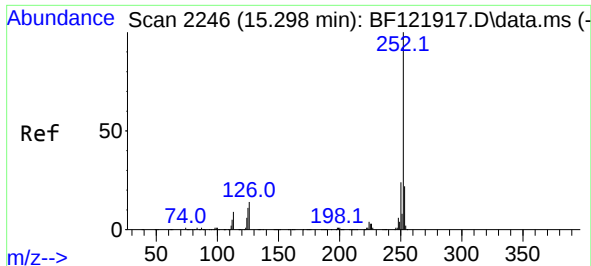


#89
Benzo(k)fluoranthene
Concen: 4.18 ng m
RT: 14.945 min Scan# 2186
Delta R.T. -0.018 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40



Tgt Ion:252 Resp: 70799
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 11.0 7.7 11.5





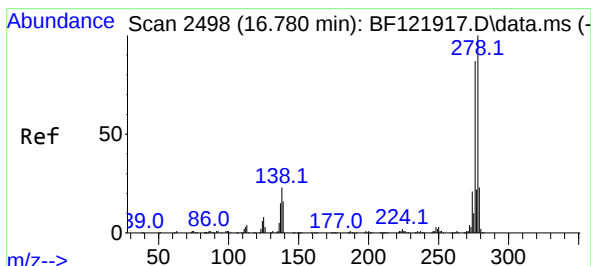
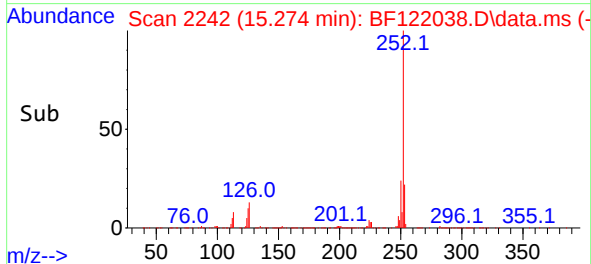
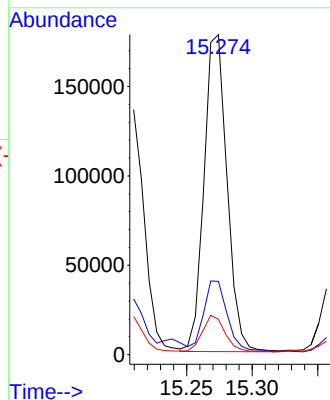
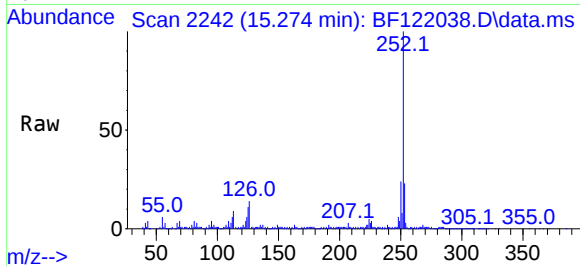
#90
Benzo(a)pyrene
Concen: 14.10 ng
RT: 15.274 min Scan# 2242
Delta R.T. -0.012 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

Tgt Ion:	252	Resp:	217387
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	11.1	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
WCS-OH-B2-0.2-4.5

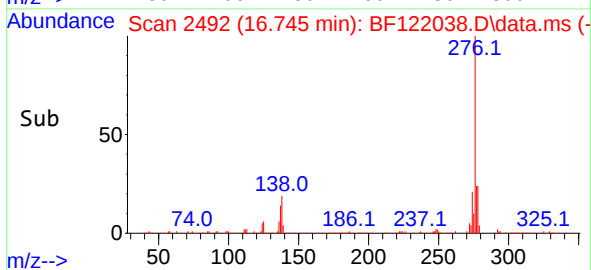
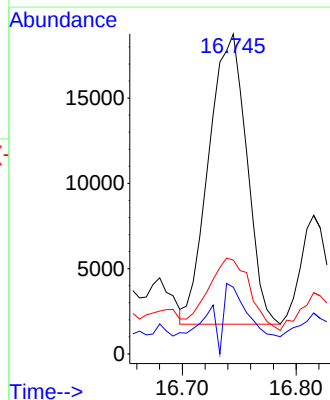
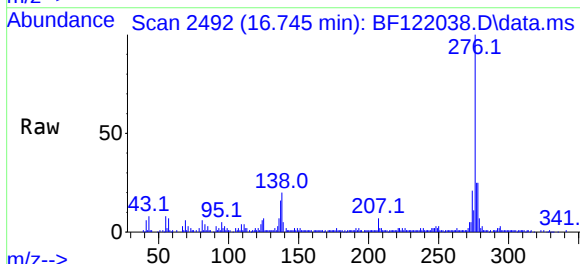
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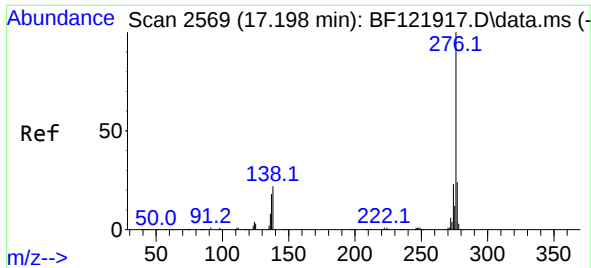
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#91
Dibenzo(a,h)anthracene
Concen: 2.79 ng m
RT: 16.745 min Scan# 2492
Delta R.T. -0.023 min
Lab File: BF122038.D
Acq: 20 Oct 2020 19:40

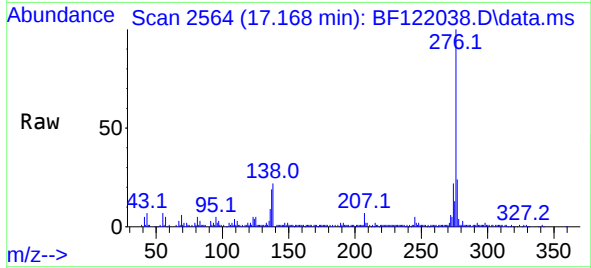
Tgt Ion:	278	Resp:	39364
Ion Ratio	Lower	Upper	
278	100		
139	20.8	13.0	19.4#
279	29.3	19.0	28.4#





#92
 Benzo(g,h,i)perylene
 Concen: 9.96 ng
 RT: 17.168 min Scan# 2564
 Delta R.T. -0.018 min
 Lab File: BF122038.D
 Acq: 20 Oct 2020 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-B2-0.2-4.5



Tgt Ion: 276 Resp: 140784

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.2
138	22.0	17.8	26.6

Manual Integrations
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