

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122273.D
 Acq On : 4 Nov 2020 20:17
 Operator : JU/CG
 Sample : L4591-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-110320

Manual Integrations
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Quant Time: Nov 05 00:22:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	86998	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	326139	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	150082	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	253966	20.00	ng	0.00
76) Chrysene-d12	13.886	240	223190	20.00	ng	0.00
86) Perylene-d12	15.327	264	178938	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	251011	42.58	ng	0.02
7) Phenol-d6	6.381	99	309263	40.76	ng	0.01
23) Nitrobenzene-d5	7.287	82	201562	31.70	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	66725	35.94	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	346499	33.97	ng	0.00
79) Terphenyl-d14	12.816	244	293398	25.05	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.475	163	39096	3.56	ng	# 96
71) Phenanthrene	11.263	178	79360	5.70	ng	99
72) Anthracene	11.322	178	31245	2.16	ng	98
75) Fluoranthene	12.451	202	136476	9.14	ng	97
78) Pyrene	12.680	202	143235	8.42	ng	99
81) Benzo(a)anthracene	13.874	228	69524	4.75	ng	97
83) Chrysene	13.910	228	65396m	4.55	ng	
87) Indeno(1,2,3-cd)pyrene	16.774	276	24228	2.09	ng	# 90
88) Benzo(b)fluoranthene	14.921	252	63964m	5.29	ng	
90) Benzo(a)pyrene	15.274	252	46147	4.42	ng	# 90
92) Benzo(g,h,i)perylene	17.209	276	26006	2.72	ng	# 94

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

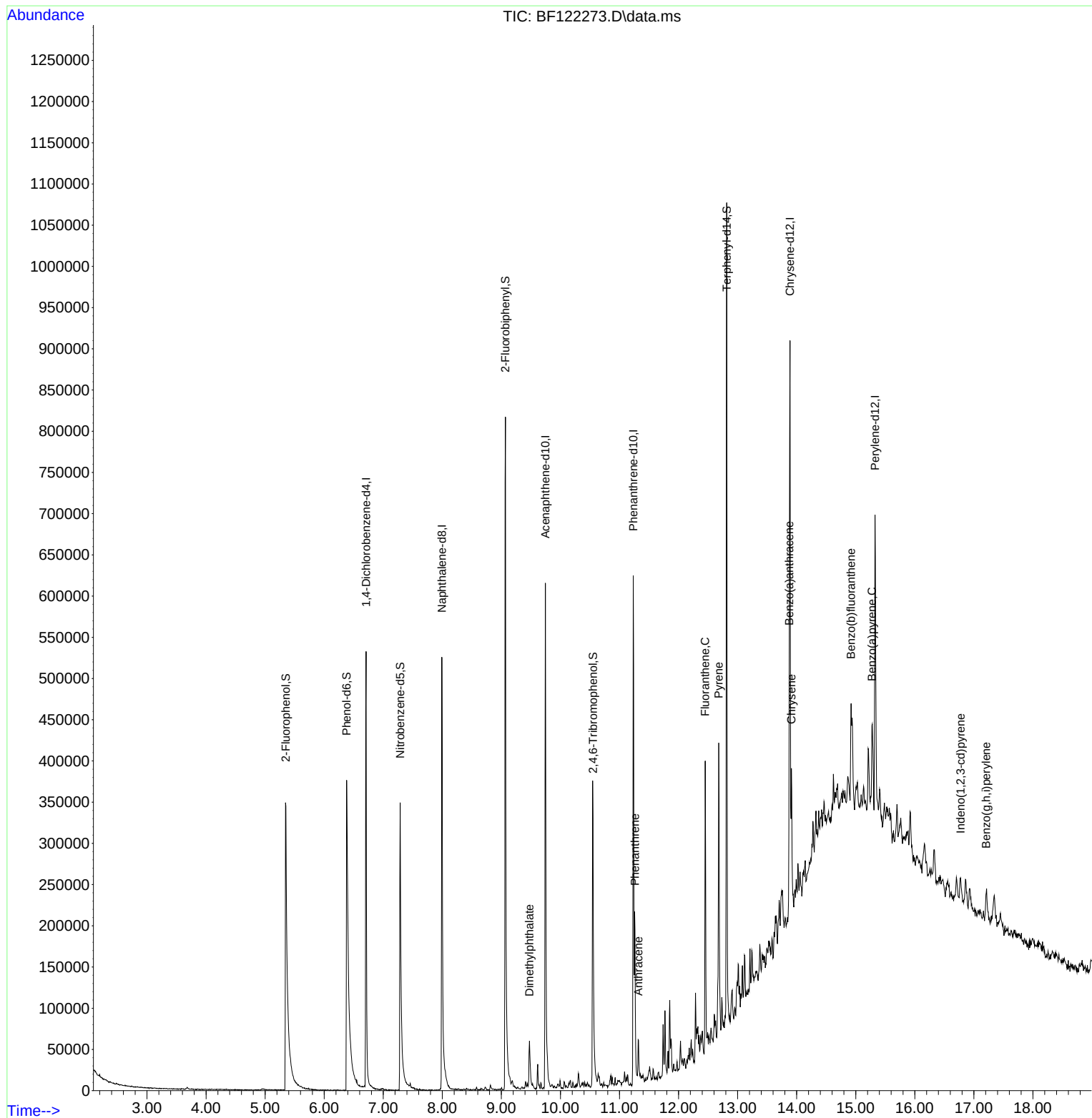
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Data File : BF122273.D
Acq On : 4 Nov 2020 20:17
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ALS Vial : 18 Sample Multiplier: 1

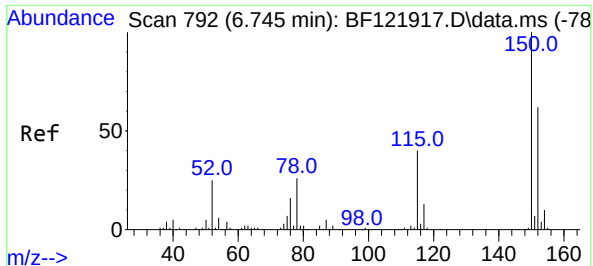
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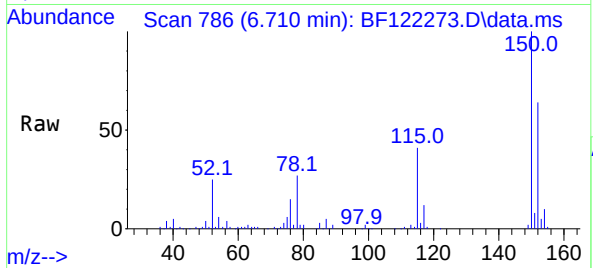
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Quant Time: Nov 05 00:22:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
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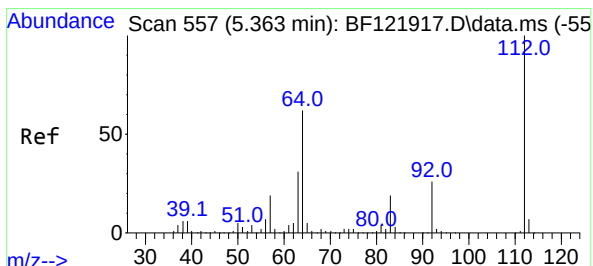
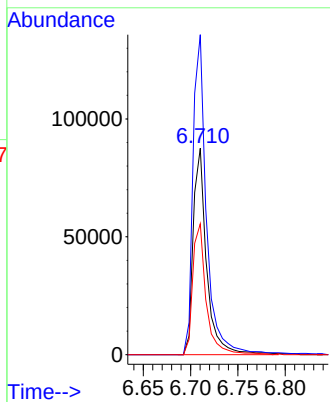
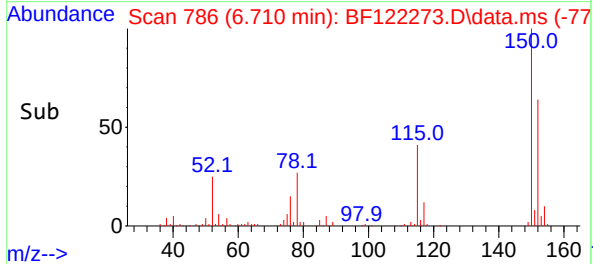




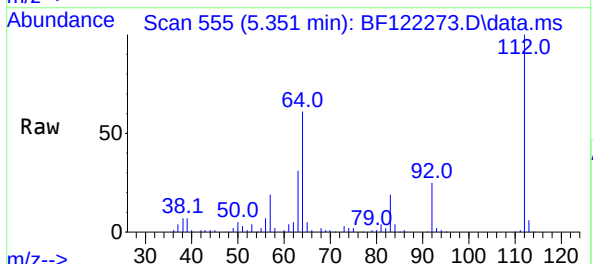
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



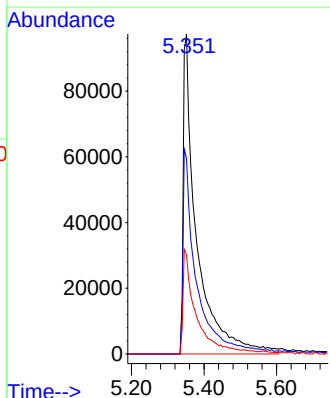
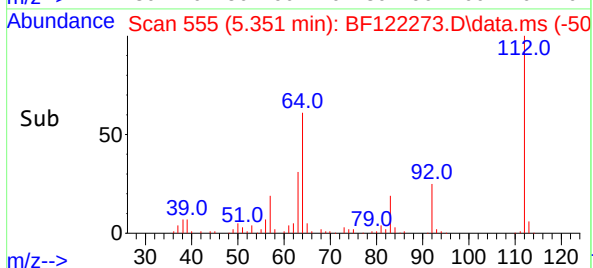
Tgt Ion:152 Resp: 86998
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 63.5 51.9 77.9



#5
2-Fluorophenol
Concen: 42.58 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



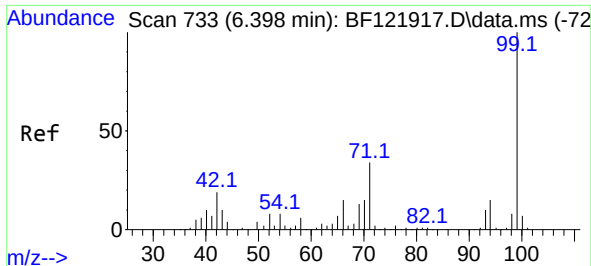
Tgt Ion:112 Resp: 251011
Ion Ratio Lower Upper
112 100
64 61.1 50.4 75.6
63 30.9 25.8 38.6



Instrument :
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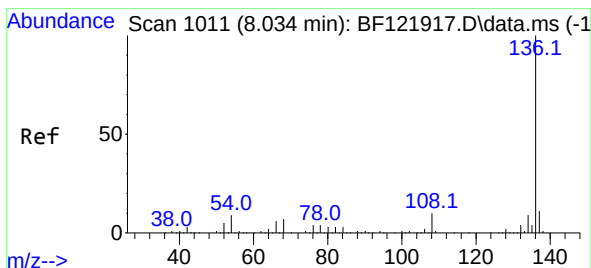
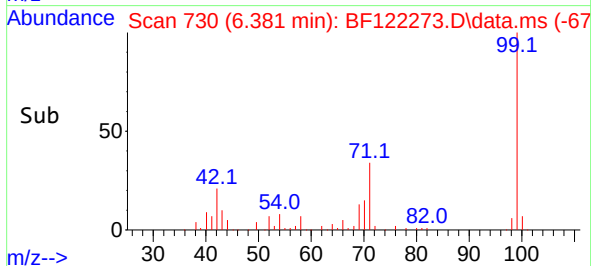
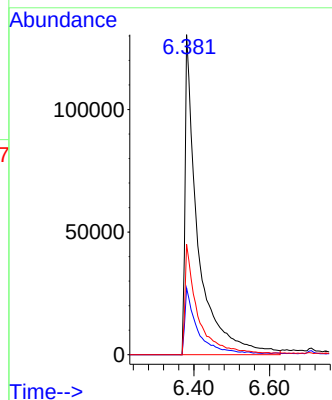
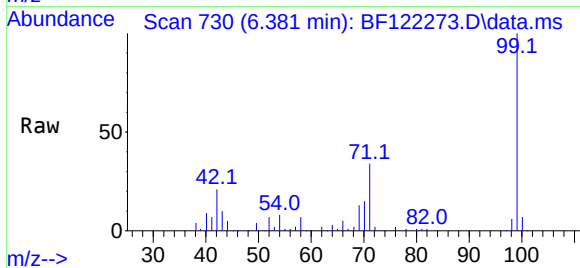
#7
Phenol-d6
Concen: 40.76 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion: 99 Resp: 309263
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 34.5 27.1 40.7

Instrument :
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ClientSampleId :
OK-01-110320

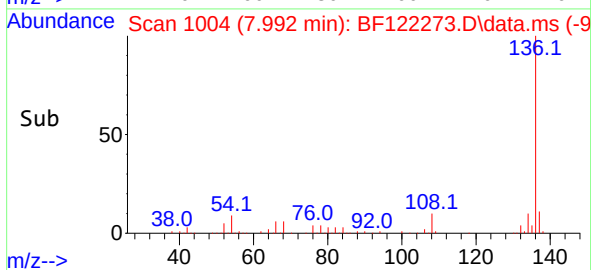
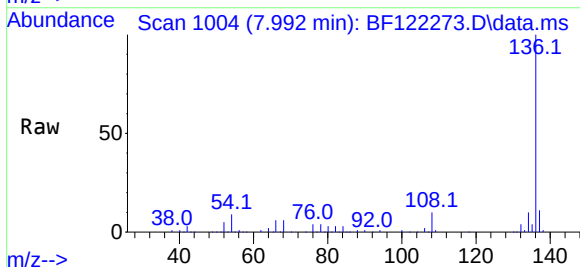
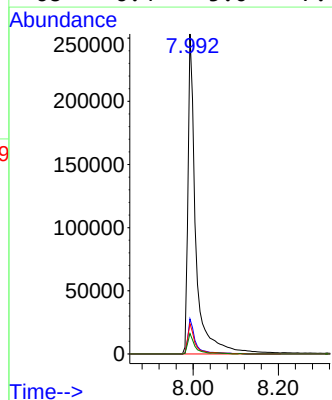
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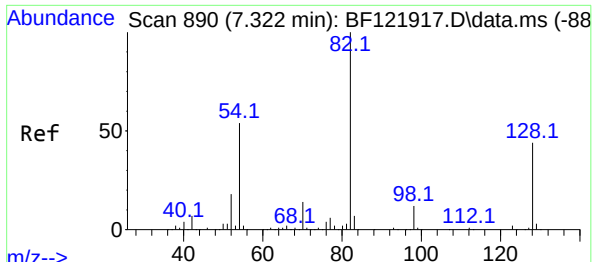
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion: 136 Resp: 326139
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.4 7.1 10.7
68 6.4 5.0 7.4





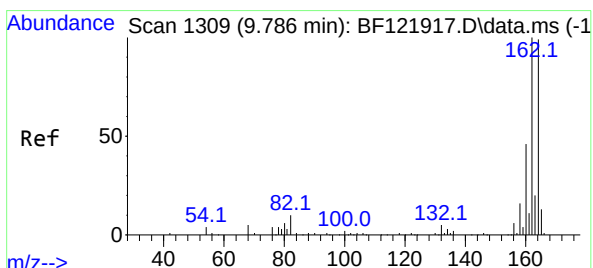
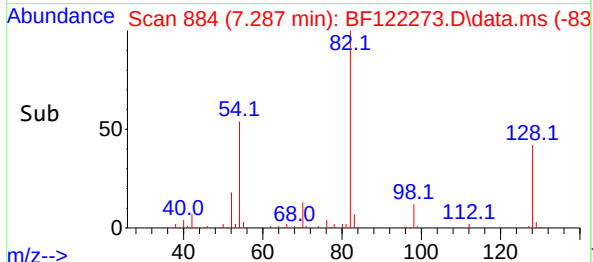
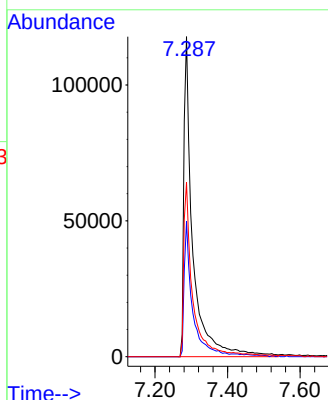
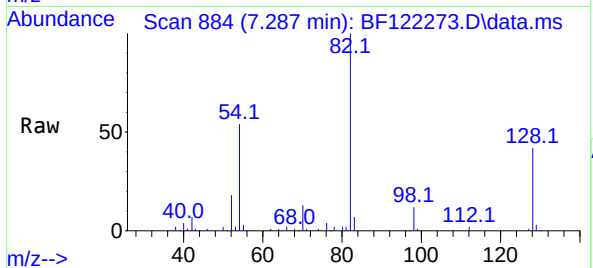
#23
Nitrobenzene-d5
Concen: 31.70 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion: 82 Resp: 201562
Ion Ratio Lower Upper
82 100
128 42.3 35.0 52.4
54 54.5 43.9 65.9

Instrument :
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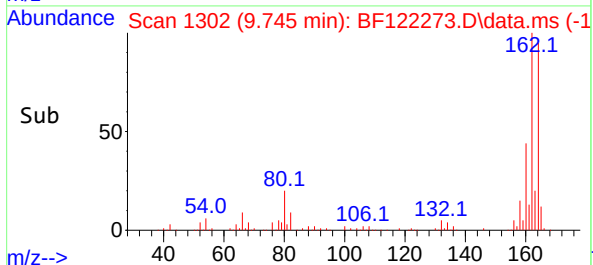
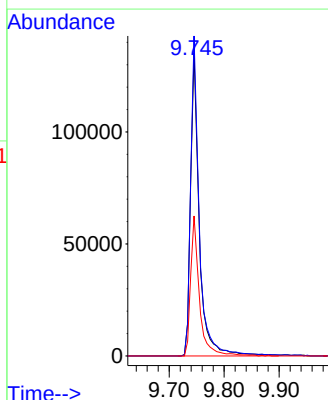
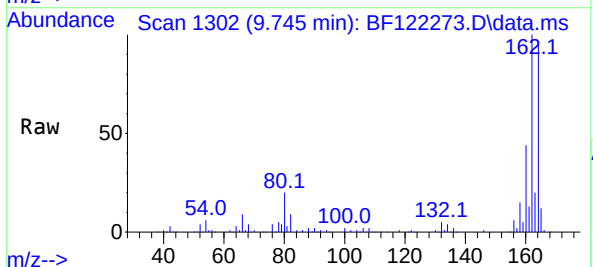
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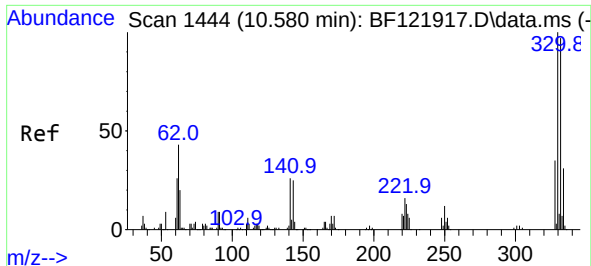
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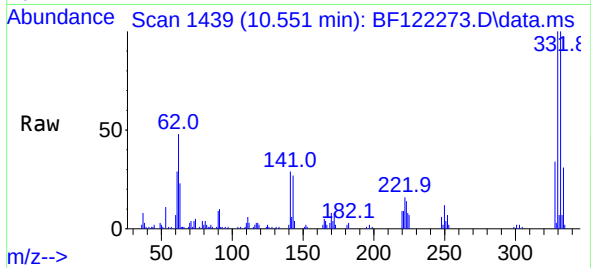
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:164 Resp: 150082
Ion Ratio Lower Upper
164 100
162 105.6 83.2 124.8
160 46.2 37.5 56.3

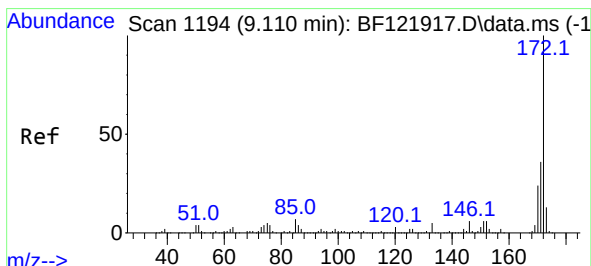
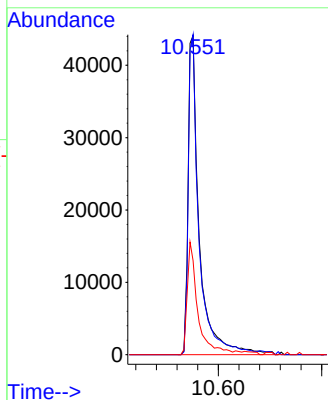
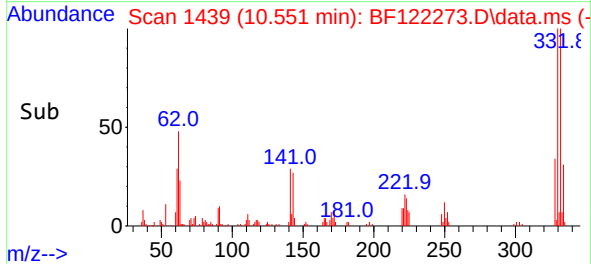




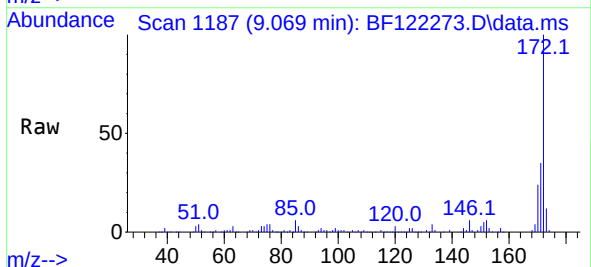
#42
2,4,6-Tribromophenol
Concen: 35.94 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



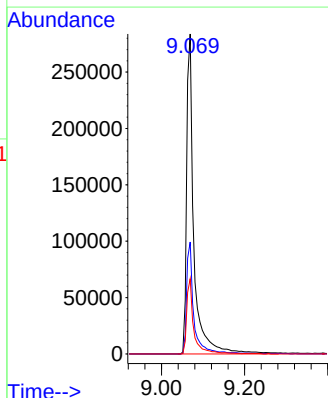
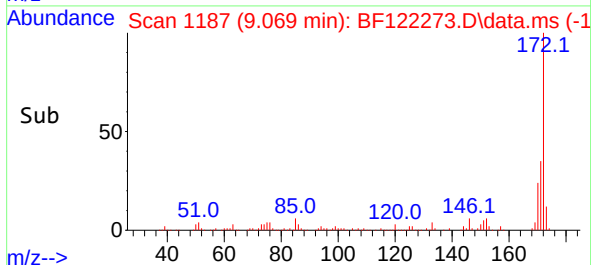
Tgt Ion: 330 Resp: 66725
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 33.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 33.97 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



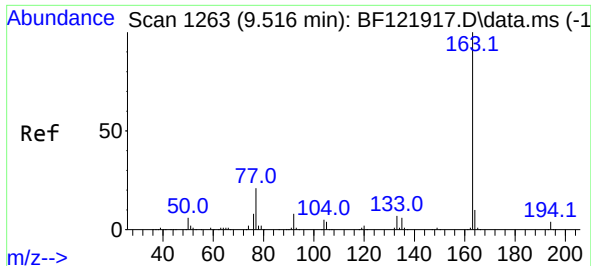
Tgt Ion: 172 Resp: 346499
Ion Ratio Lower Upper
172 100
171 35.0 29.1 43.7
170 23.5 19.8 29.6



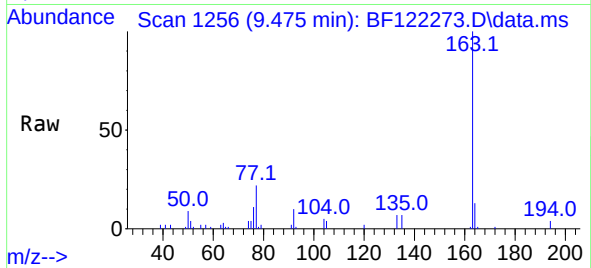
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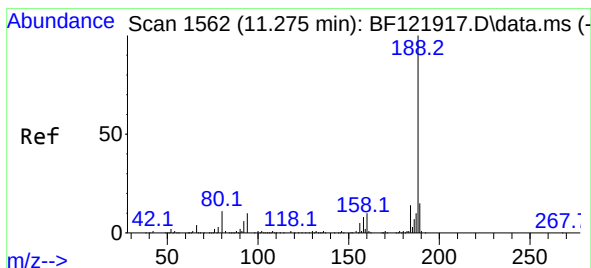
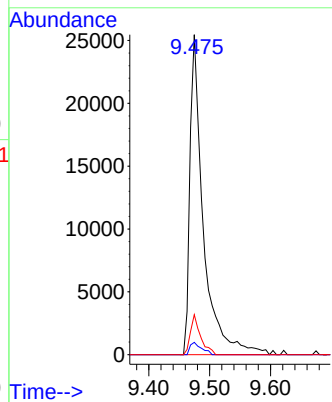
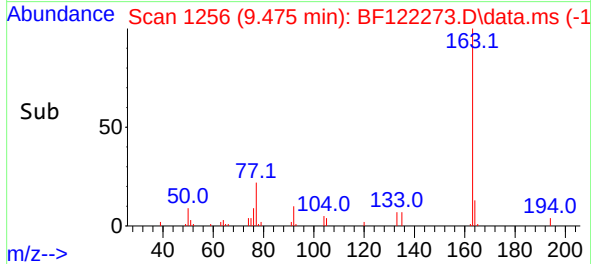
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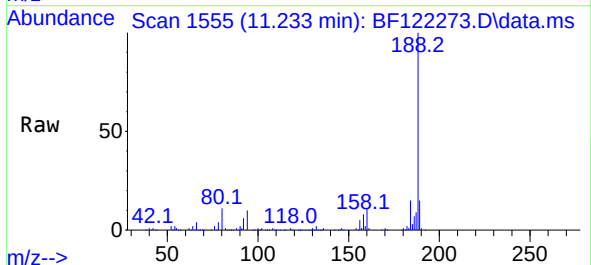
#50
Dimethylphthalate
Concen: 3.56 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



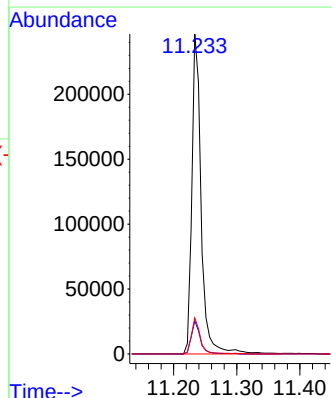
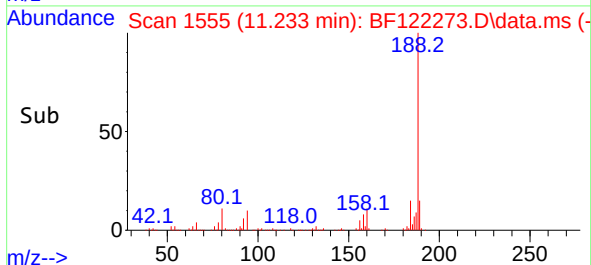
Tgt Ion:163 Resp: 39096
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 12.5 8.2 12.4#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



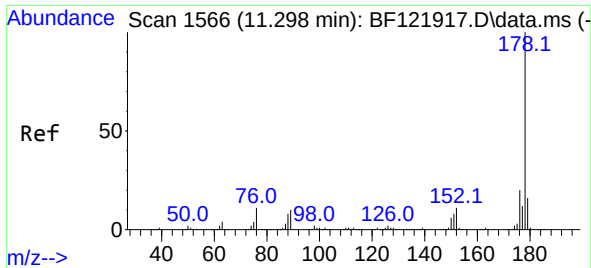
Tgt Ion:188 Resp: 253966
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.3 9.1 13.7



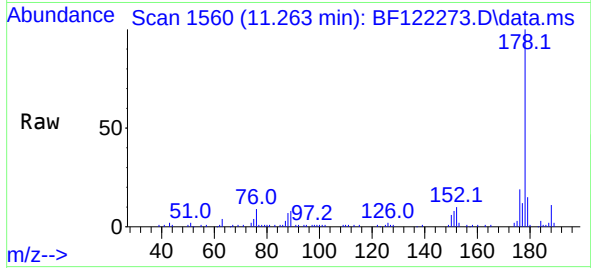
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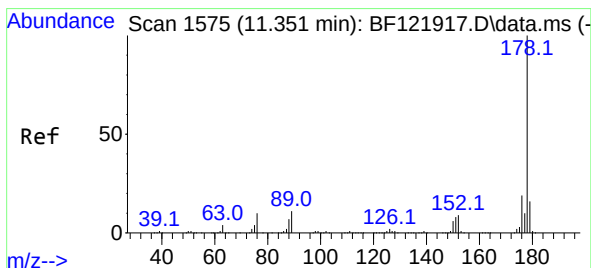
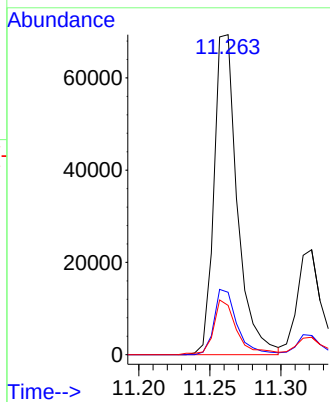
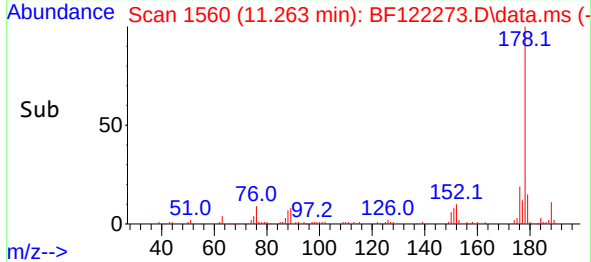
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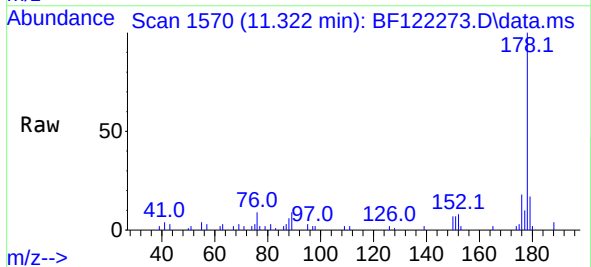
#71
Phenanthrene
Concen: 5.70 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



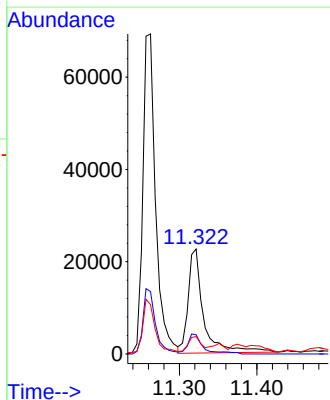
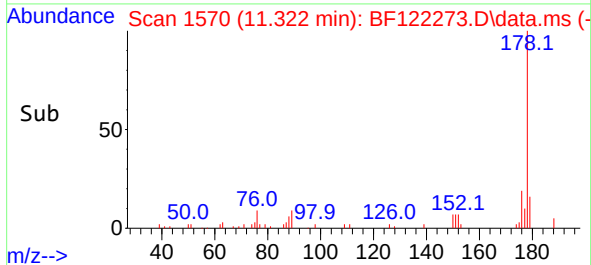
Tgt Ion:178 Resp: 79360
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.4 12.2 18.4



#72
Anthracene
Concen: 2.16 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17



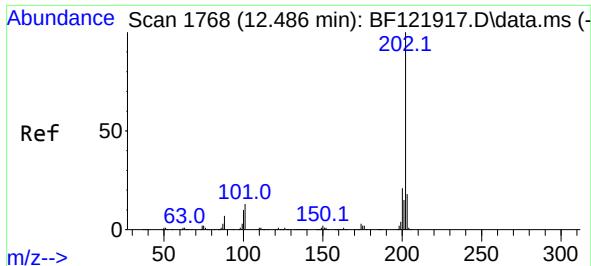
Tgt Ion:178 Resp: 31245
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 16.6 12.7 19.1



Instrument :
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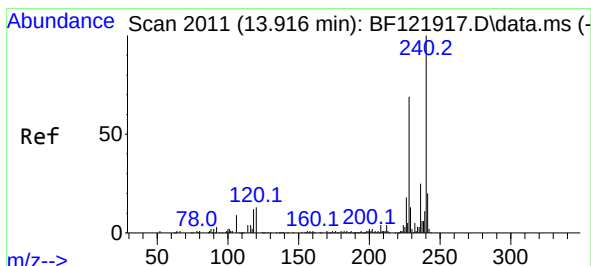
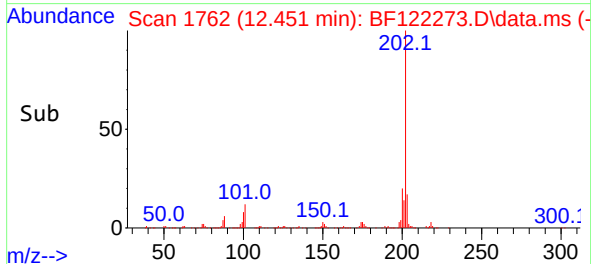
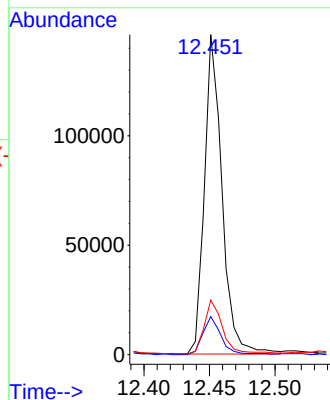
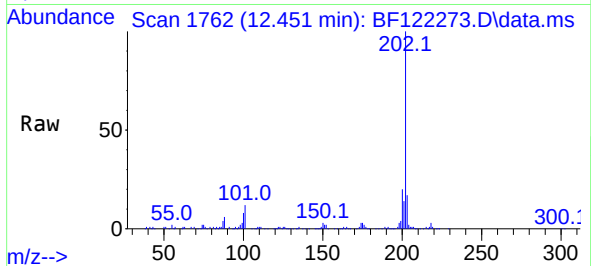
#75
Fluoranthene
Concen: 9.14 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:202 Resp: 136476
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.4
203 17.0 0.0 37.9

Instrument :
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OK-01-110320

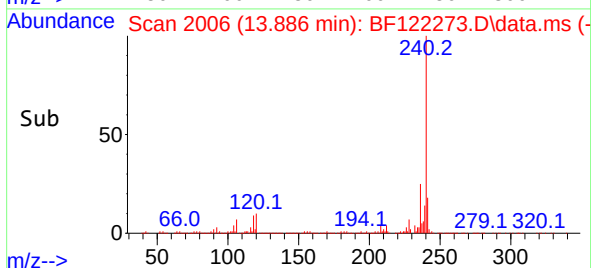
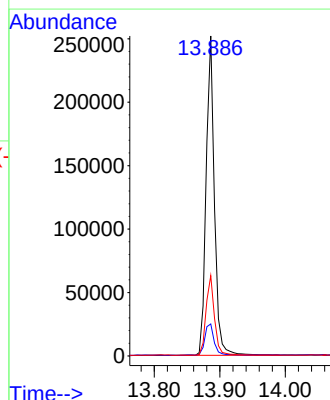
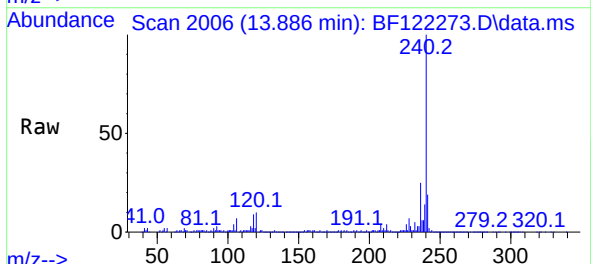
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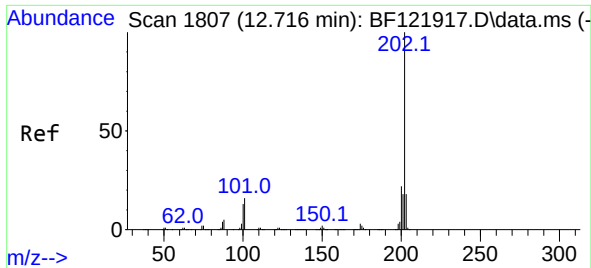
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:240 Resp: 223190
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 25.1 20.9 31.3





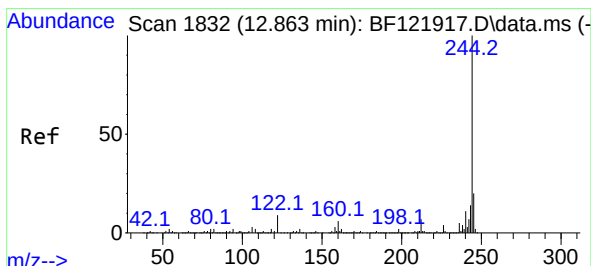
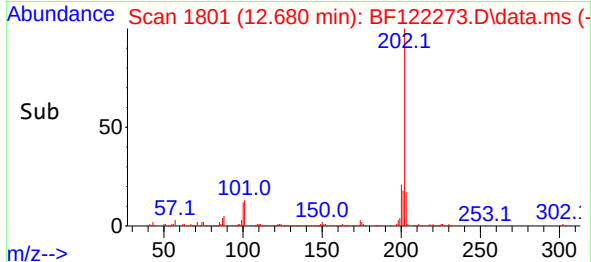
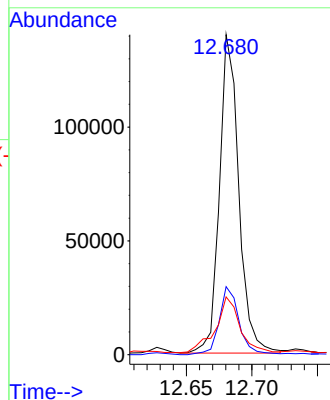
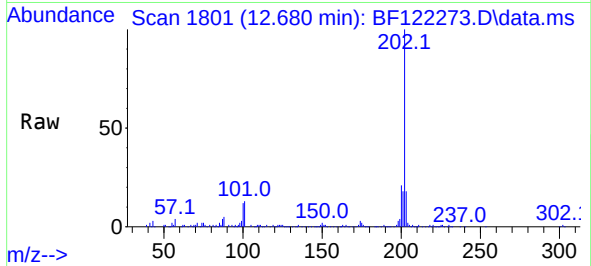
#78
Pyrene
Concen: 8.42 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:	202	Resp:	143235
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	18.1	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
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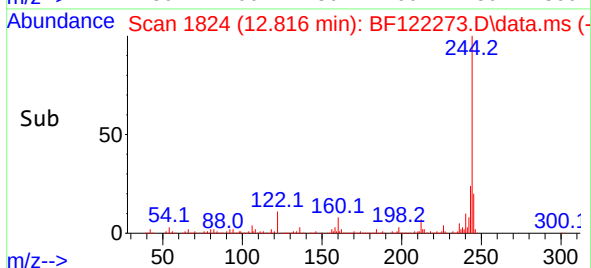
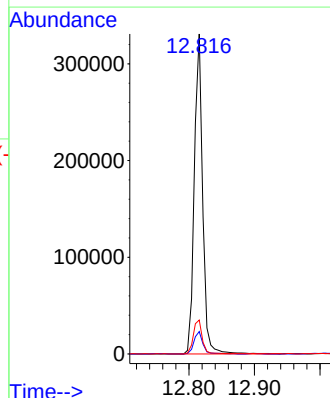
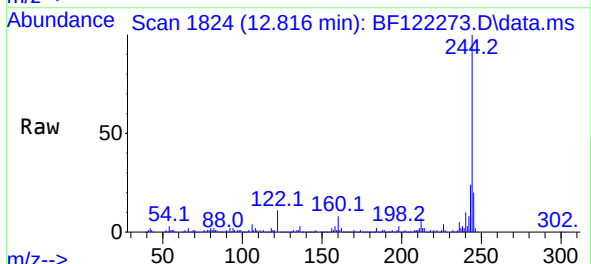
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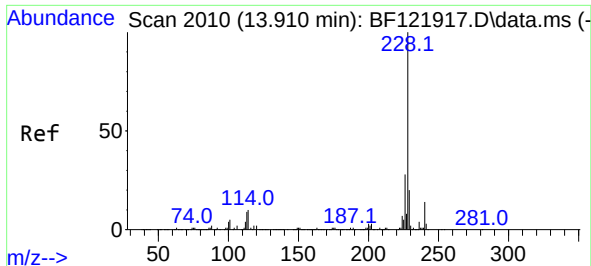
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#79
Terphenyl-d14
Concen: 25.05 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:	244	Resp:	293398
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	10.6	8.1	12.1





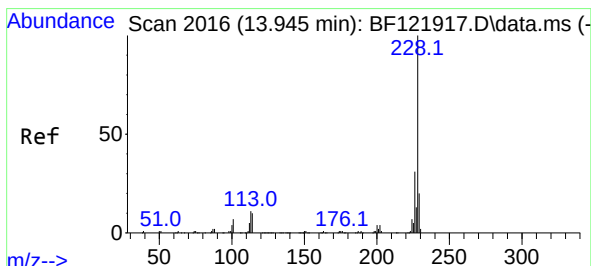
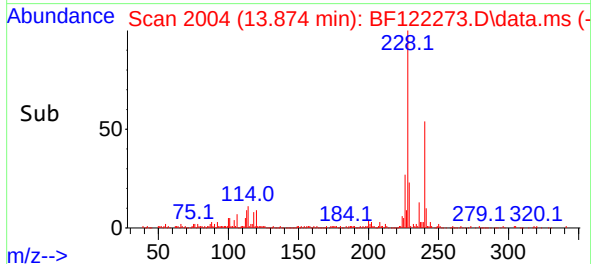
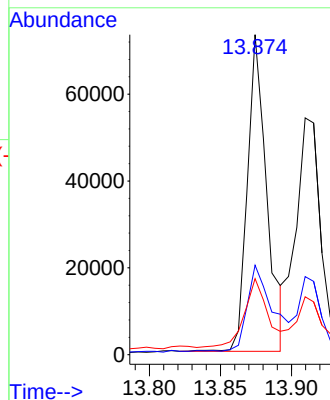
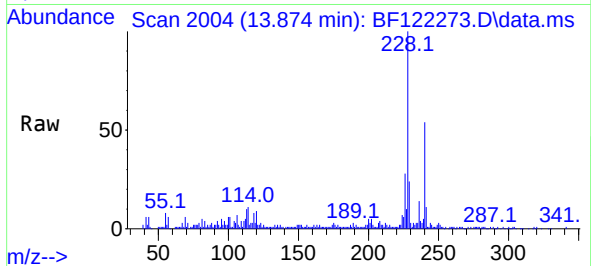
#81
Benzo(a)anthracene
Concen: 4.75 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:228 Resp: 69524
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 23.8 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
OK-01-110320

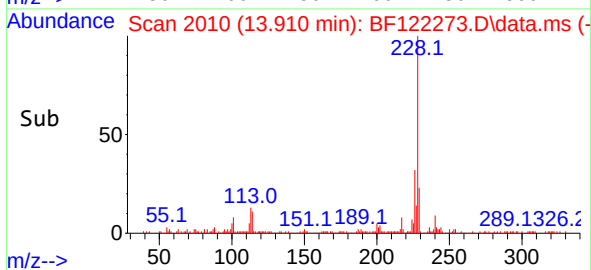
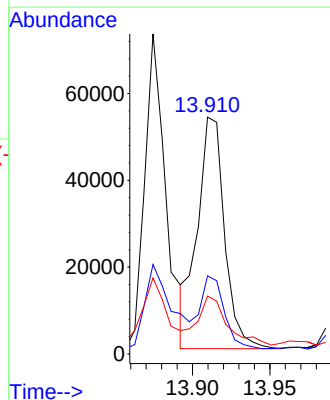
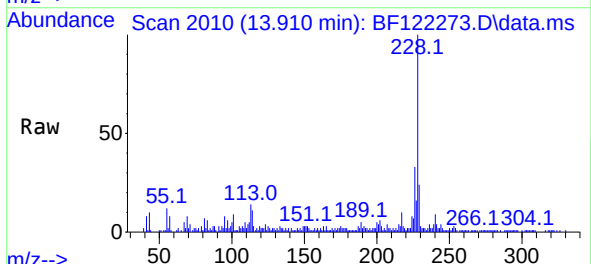
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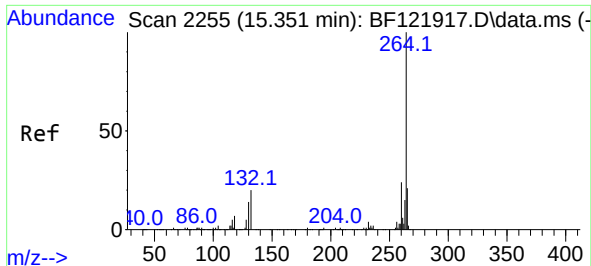
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#83
Chrysene
Concen: 4.55 ng m
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:228 Resp: 65396
Ion Ratio Lower Upper
228 100
226 33.0 24.6 37.0
229 24.5 15.9 23.9#





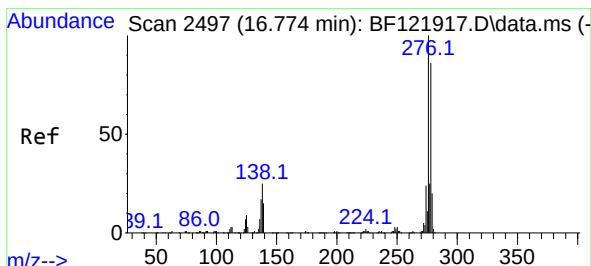
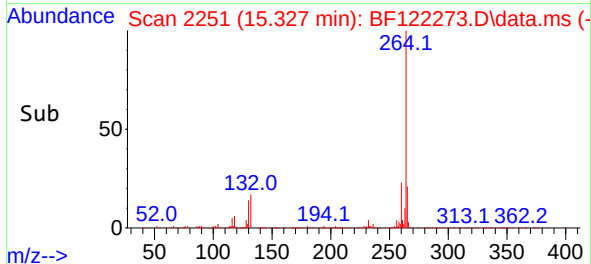
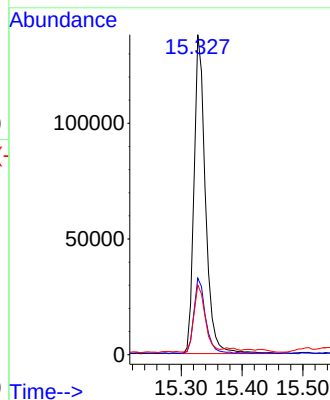
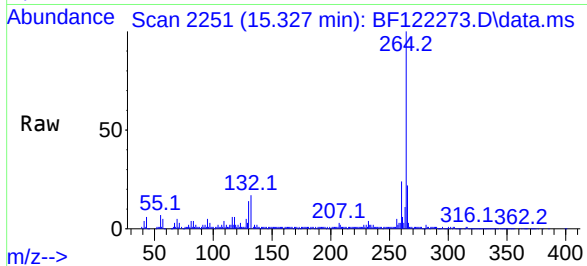
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.024 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:264 Resp: 178938
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.8 17.3 25.9

Instrument :
BNA_F
ClientSampleId :
OK-01-110320

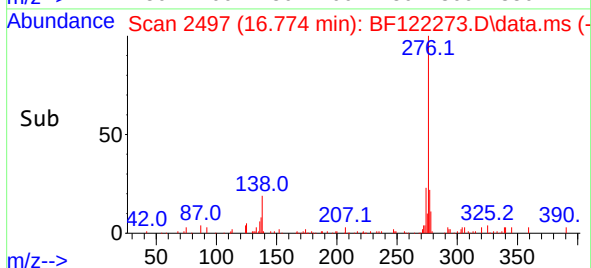
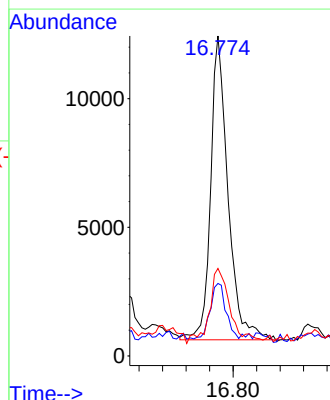
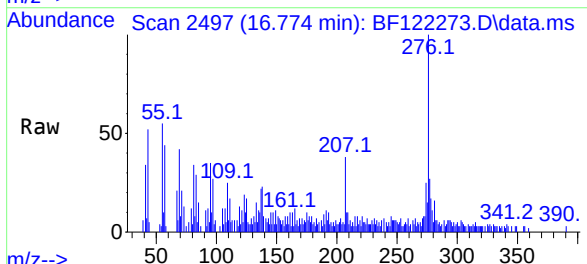
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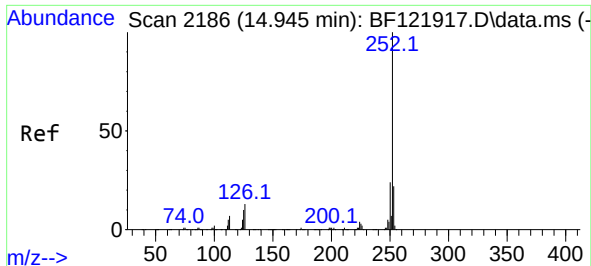
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.09 ng
RT: 16.774 min Scan# 2497
Delta R.T. 0.059 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:276 Resp: 24228
Ion Ratio Lower Upper
276 100
138 17.0 19.9 29.9#
277 27.5 20.4 30.6





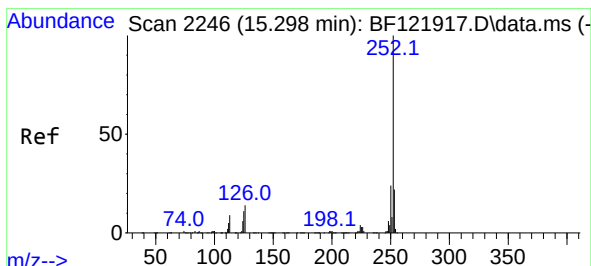
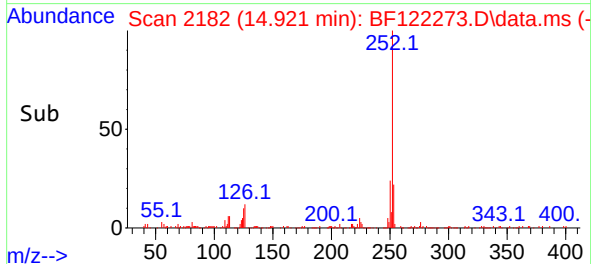
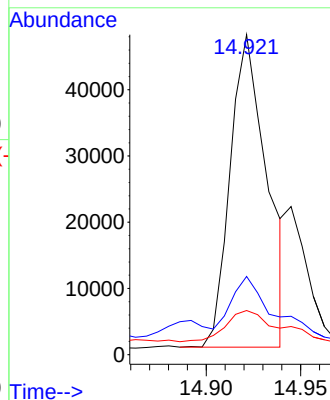
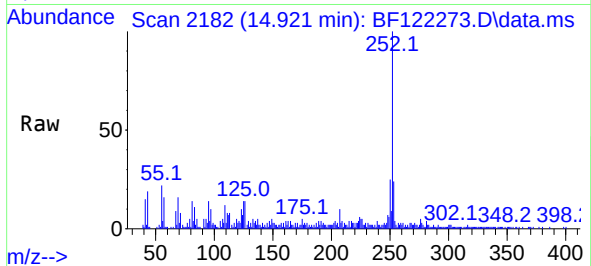
#88
Benzo(b)fluoranthene
Concen: 5.29 ng m
RT: 14.921 min Scan# 2182
Delta R.T. 0.024 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:252 Resp: 63964
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 13.8 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
OK-01-110320

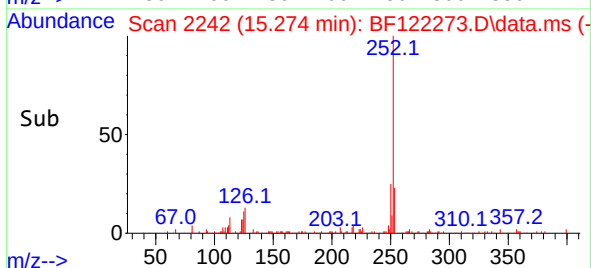
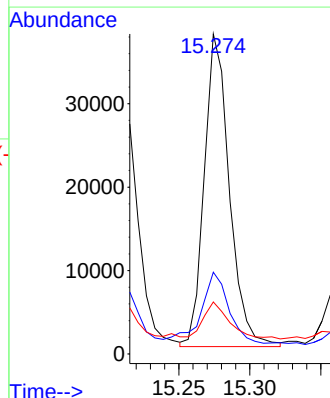
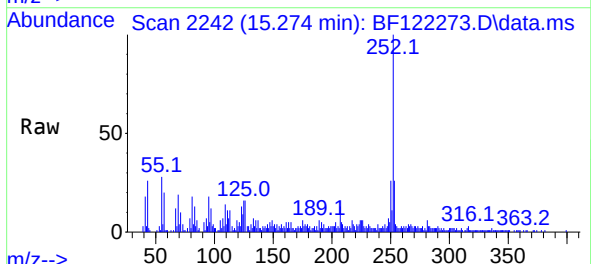
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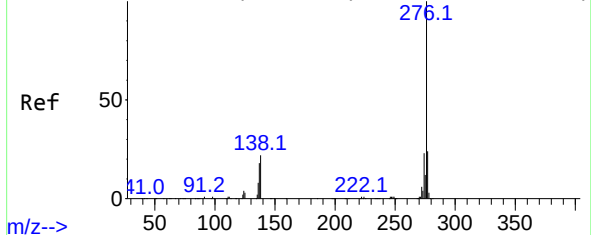


#90
Benzo(a)pyrene
Concen: 4.42 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.024 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion:252 Resp: 46147
Ion Ratio Lower Upper
252 100
253 25.6 17.3 25.9
125 16.2 8.6 13.0#



Abundance Scan 2569 (17.198 min): BF121917.D\data.ms (-



#92
Benzo(g,h,i)perylene
Concen: 2.72 ng
RT: 17.209 min Scan# 2571
Delta R.T. 0.076 min
Lab File: BF122273.D
Acq: 4 Nov 2020 20:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.2	19.4	29.2#
138	21.0	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
OK-01-110320

Manual Integrations
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