

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122158.D
 Acq On : 28 Oct 2020 20:36
 Operator : JU/CG
 Sample : L4527-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26414-26215

Manual Integrations
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Quant Time: Oct 29 00:32:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	102033	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	398520	20.00	ng	0.00
39) Acenaphthene-d10	9.751	164	160705	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	184528	20.00	ng	# 0.03
76) Chrysene-d12	13.886	240	217516	20.00	ng	0.00
86) Perylene-d12	15.315	264	228956	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	96062	13.90	ng	0.02
7) Phenol-d6	6.381	99	124116	13.95	ng	0.01
23) Nitrobenzene-d5	7.286	82	74104	9.54	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	26654	13.41	ng	0.01
45) 2-Fluorobiphenyl	9.069	172	141032	12.91	ng	0.00
79) Terphenyl-d14	12.839	244	92711	8.12	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	11.292	178	37671	3.72	ng	# 17
75) Fluoranthene	12.486	202	80973	7.46	ng	83
78) Pyrene	12.716	202	73970	4.46	ng	# 87
81) Benzo(a)anthracene	13.880	228	42956	3.01	ng	98
83) Chrysene	13.915	228	54723	3.91	ng	98
87) Indeno(1,2,3-cd)pyrene	16.733	276	32213	2.17	ng	98
88) Benzo(b)fluoranthene	14.910	252	82156m	5.31	ng	
90) Benzo(a)pyrene	15.257	252	35568	2.66	ng	# 94
92) Benzo(g,h,i)perylene	17.162	276	29966	2.45	ng	98

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

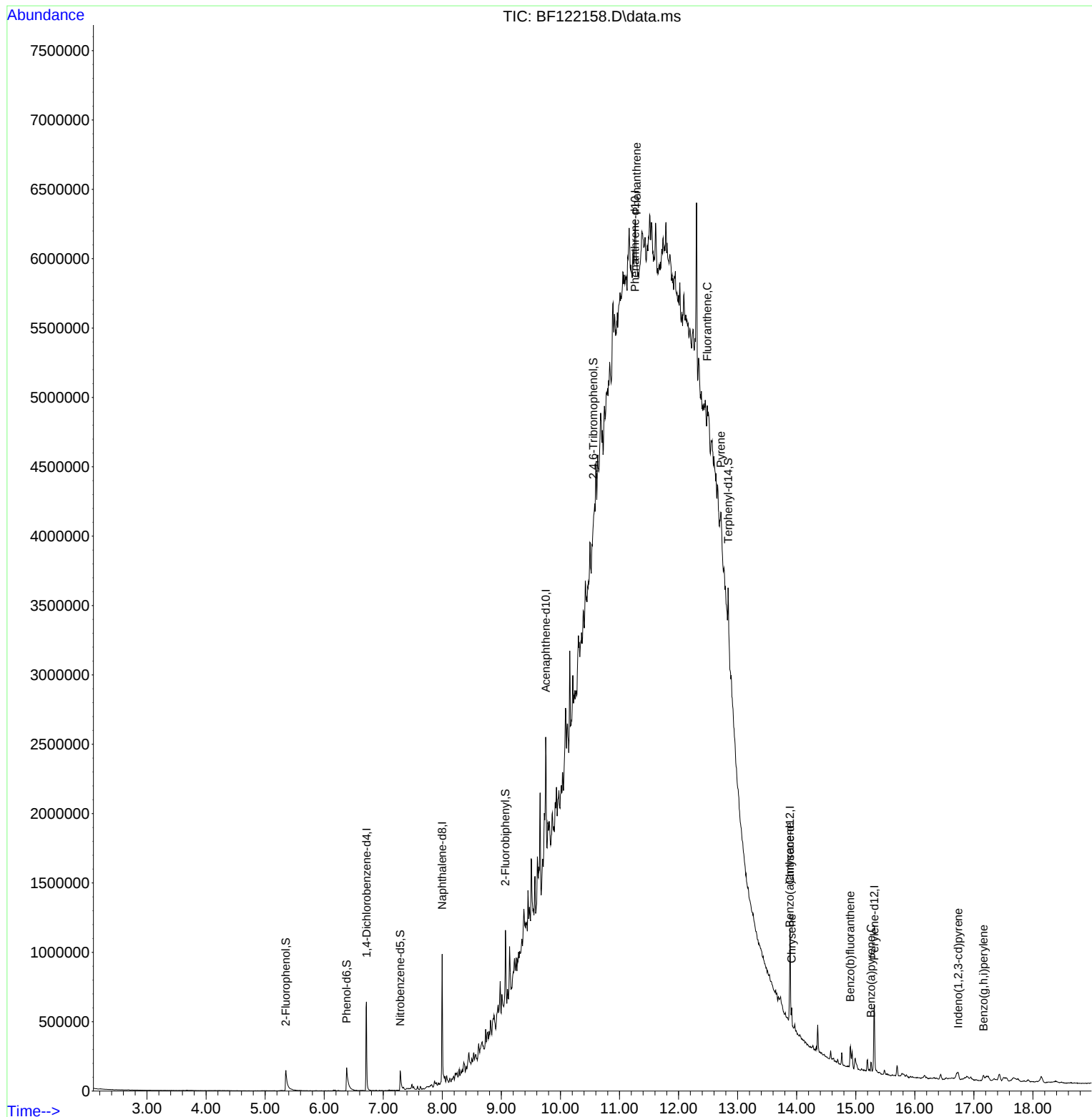
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Data File : BF122158.D
Acq On : 28 Oct 2020 20:36
Operator : JU/CG
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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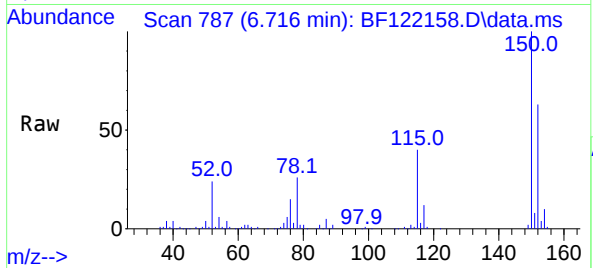
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Quant Time: Oct 29 00:32:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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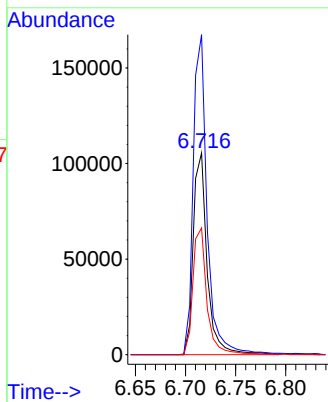
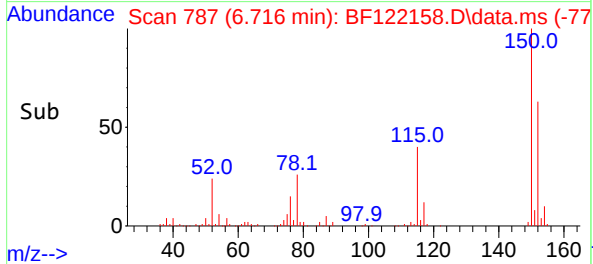




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36



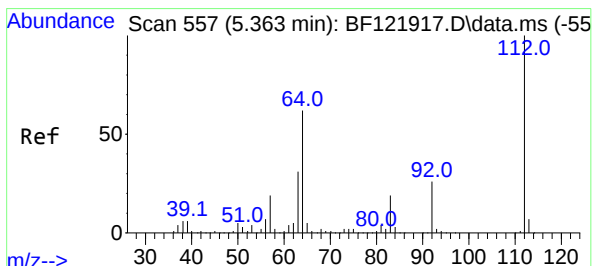
Tgt Ion:152 Resp: 102033
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 62.8 51.9 77.9



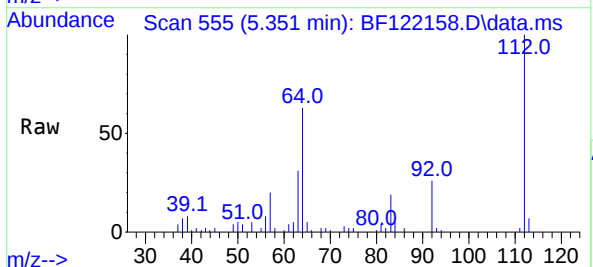
Instrument :
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ClientSampleId :
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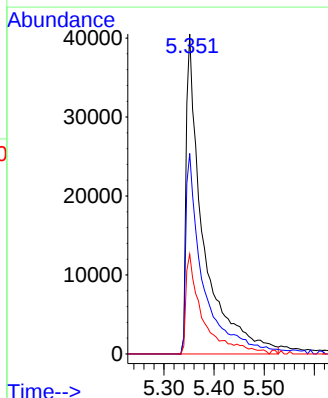
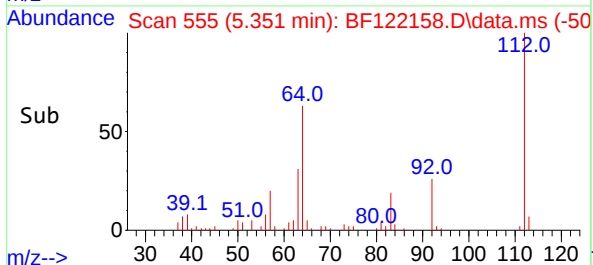
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#5
2-Fluorophenol
Concen: 13.90 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36



Tgt Ion:112 Resp: 96062
Ion Ratio Lower Upper
112 100
64 62.7 50.4 75.6
63 31.2 25.8 38.6





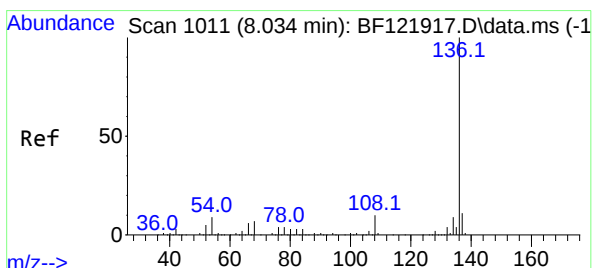
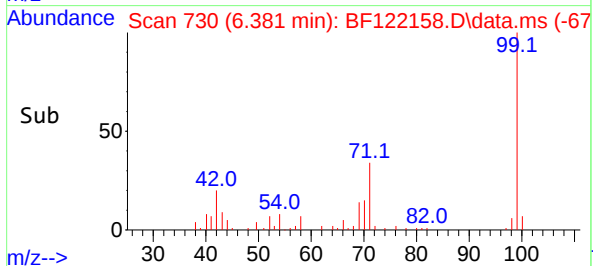
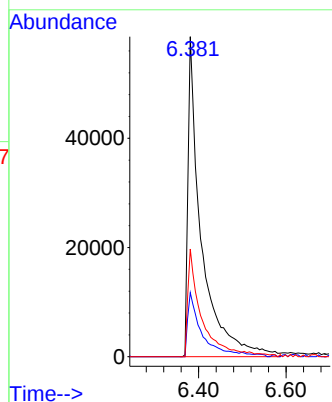
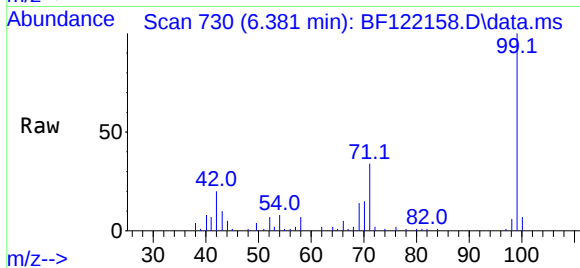
#7
Phenol-d6
Concen: 13.95 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion: 99 Resp: 124116
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 33.7 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
26414-26215

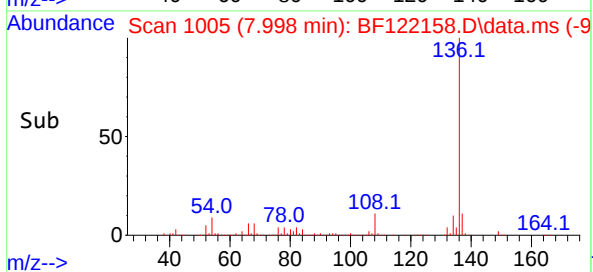
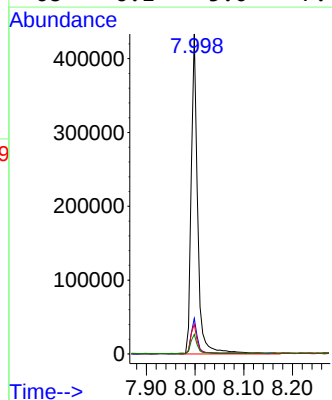
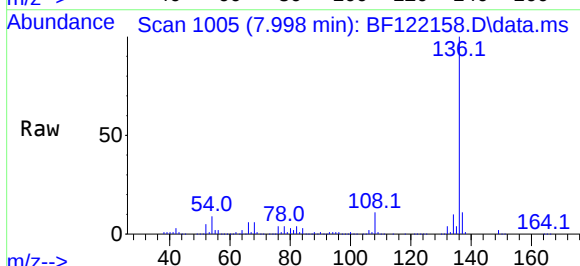
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion: 136 Resp: 398520
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.2 7.1 10.7
68 6.1 5.0 7.4





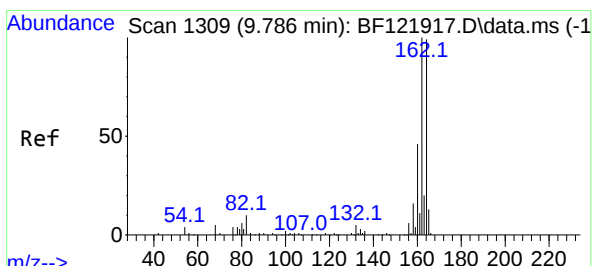
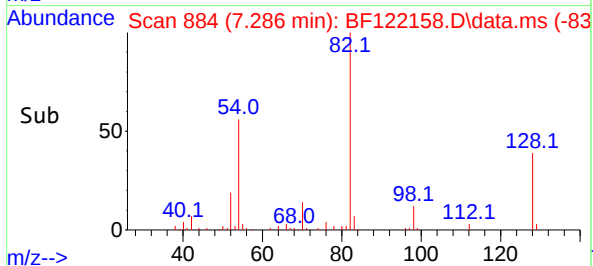
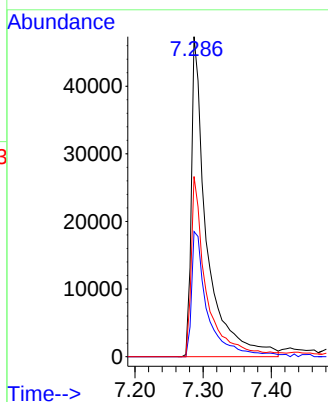
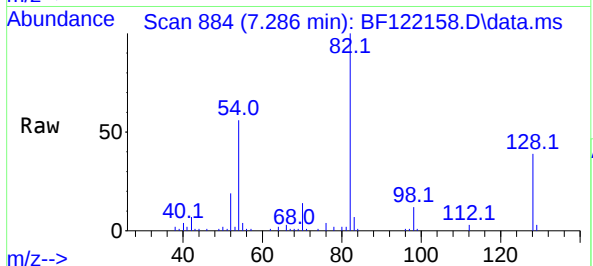
#23
Nitrobenzene-d5
Concen: 9.54 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:	82	Resp:	74104
Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.0	52.4
54	56.3	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
26414-26215

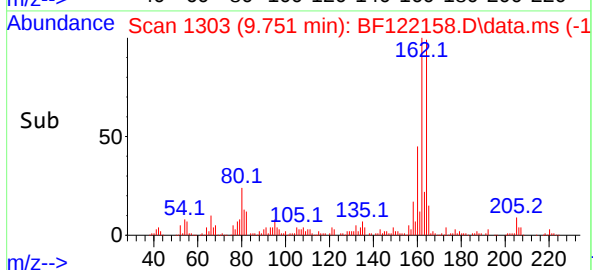
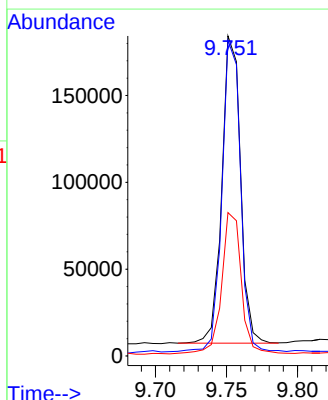
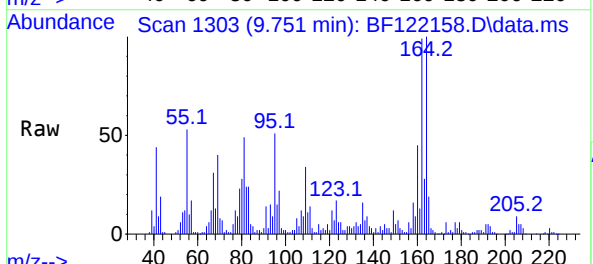
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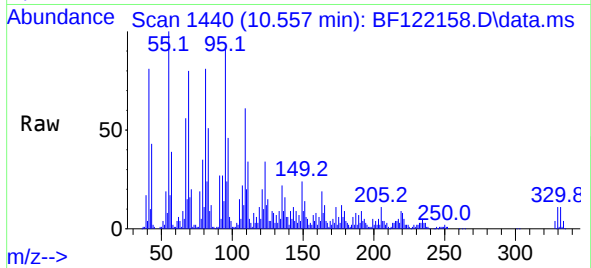
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:	164	Resp:	160705
Ion	Ratio	Lower	Upper
164	100		
162	98.6	83.2	124.8
160	44.8	37.5	56.3

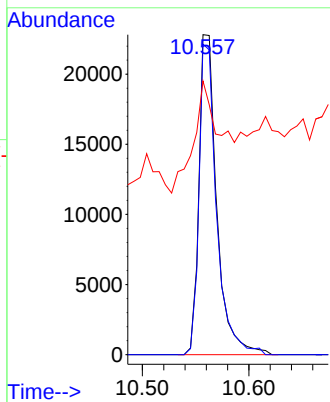
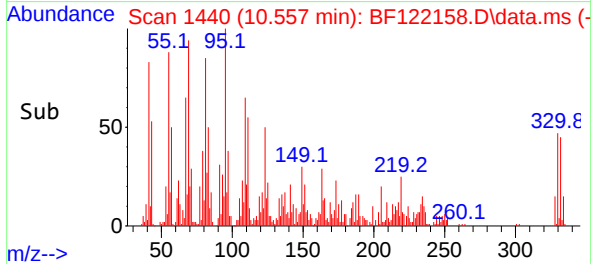




#42
2,4,6-Tribromophenol
Concen: 13.41 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36



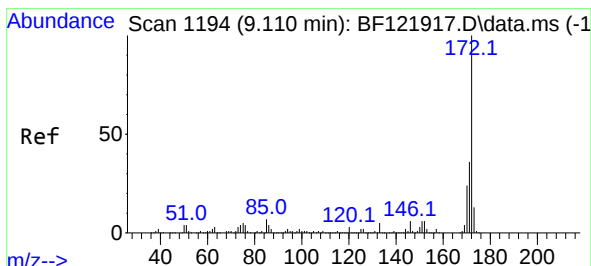
Tgt Ion: 330 Resp: 26654
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 54.1 22.3 33.5#



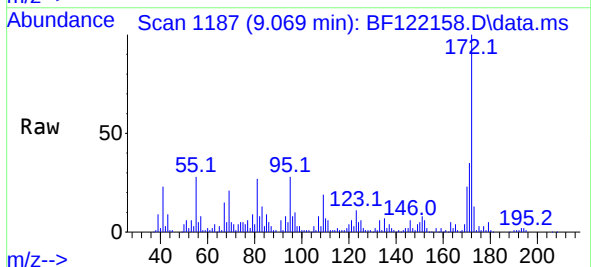
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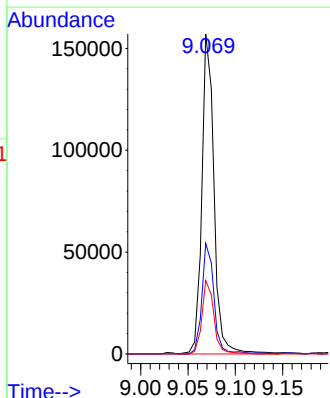
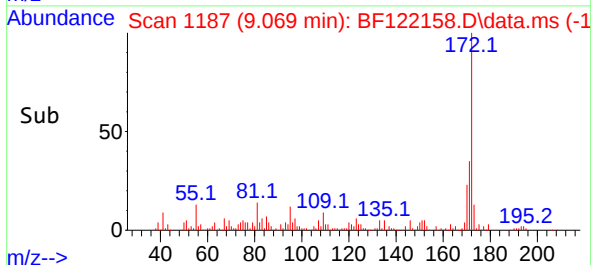
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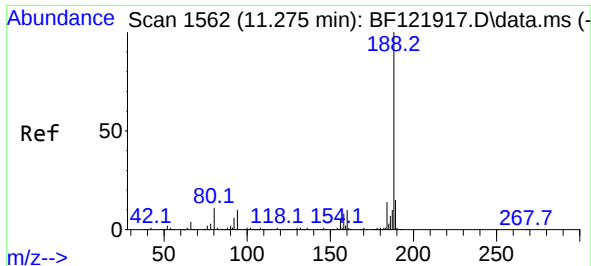


#45
2-Fluorobiphenyl
Concen: 12.91 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36



Tgt Ion: 172 Resp: 141032
Ion Ratio Lower Upper
172 100
171 34.6 29.1 43.7
170 23.0 19.8 29.6





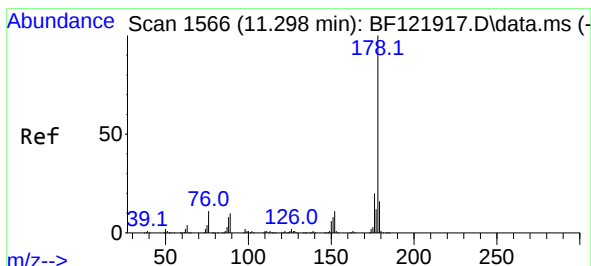
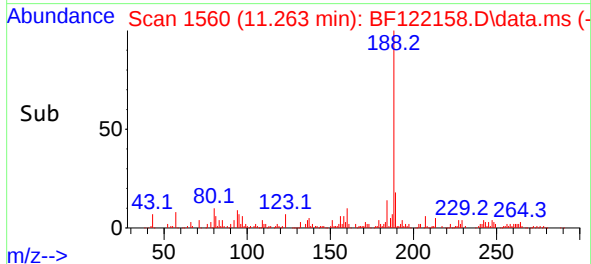
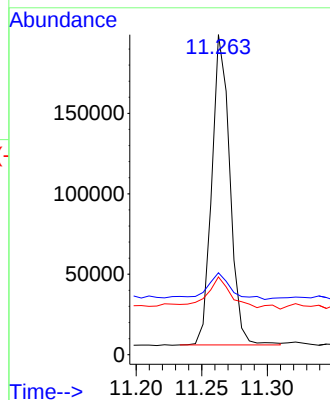
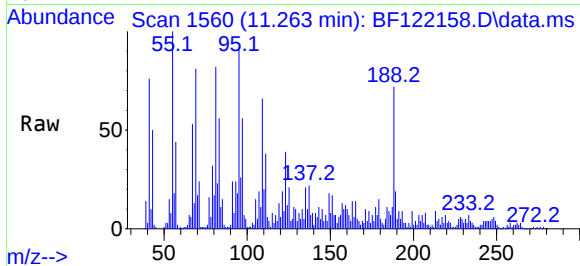
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.029 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:188 Resp: 184528
Ion Ratio Lower Upper
188 100
94 25.6 8.3 12.5#
80 24.3 9.1 13.7#

Instrument :
BNA_F
ClientSampleId :
26414-26215

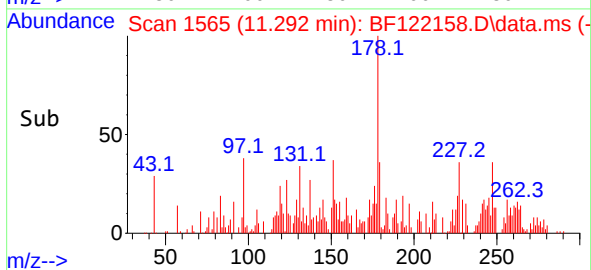
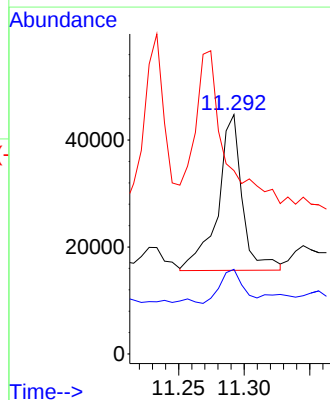
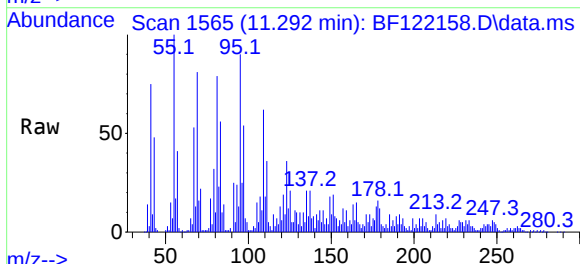
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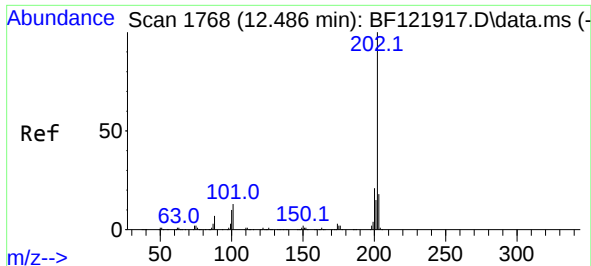
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#71
Phenanthrene
Concen: 3.72 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.029 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:178 Resp: 37671
Ion Ratio Lower Upper
178 100
176 35.3 15.9 23.9#
179 76.6 12.2 18.4#





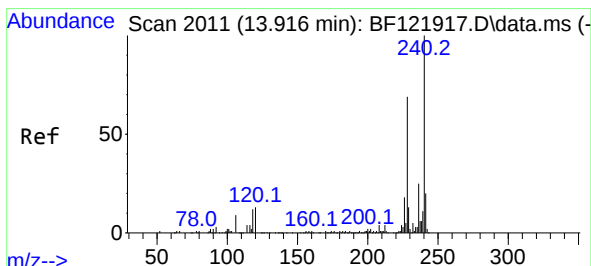
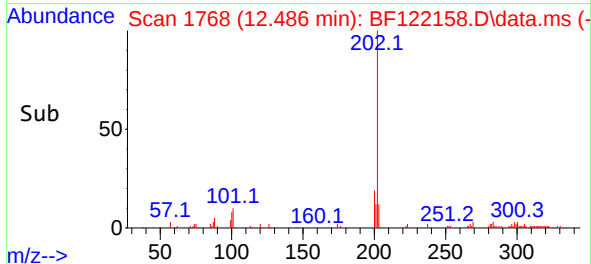
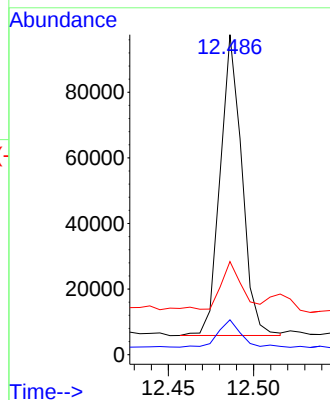
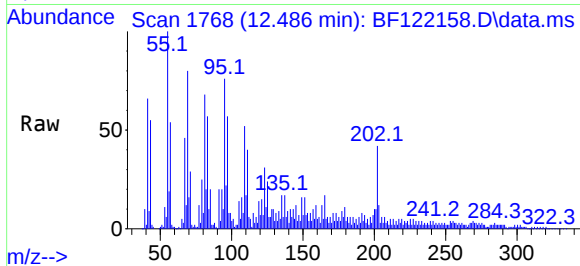
#75
Fluoranthene
Concen: 7.46 ng
RT: 12.486 min Scan# 1768
Delta R.T. 0.035 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:	202	Resp:	80973
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.4
203	29.1	0.0	37.9

Instrument :
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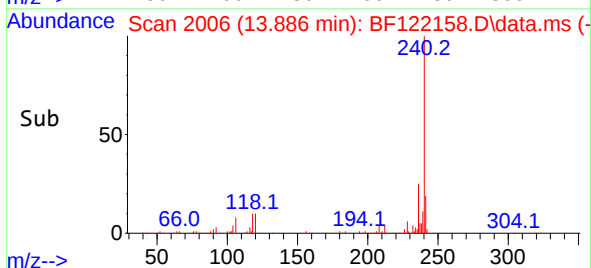
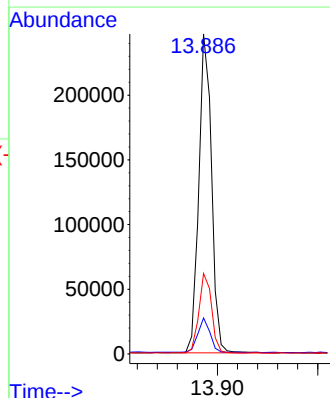
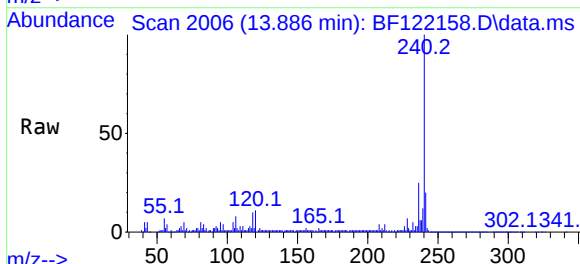
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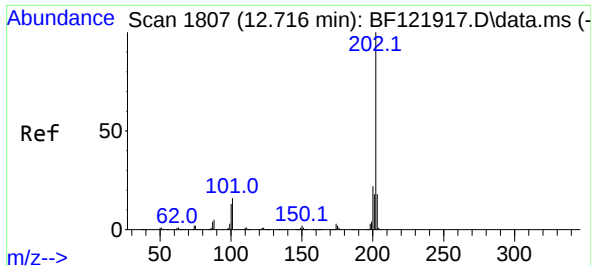
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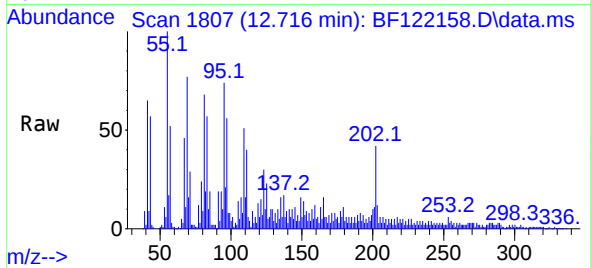
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:	240	Resp:	217516
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.2	20.9	31.3

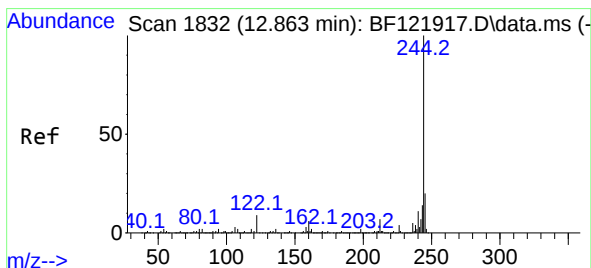
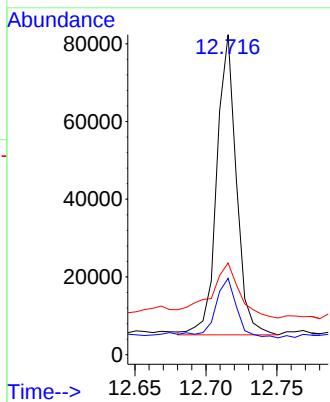
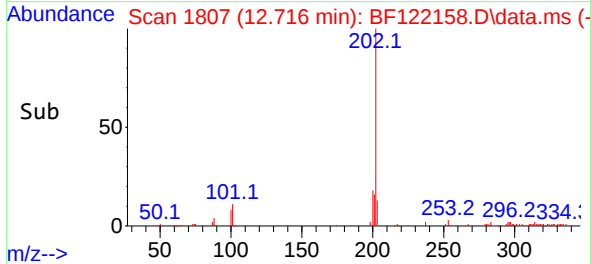




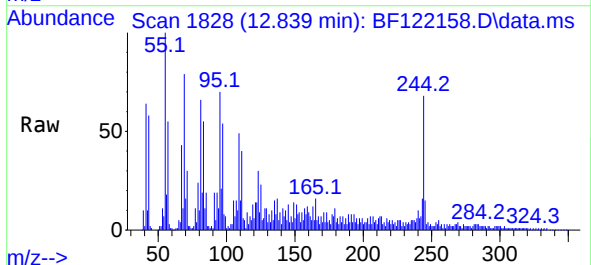
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Pyrene
Concen: 4.46 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.035 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36



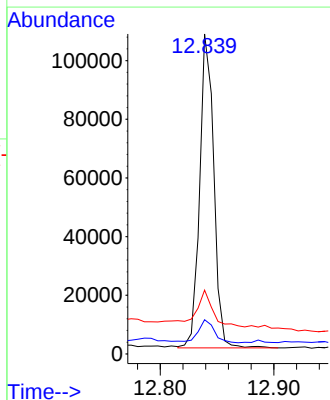
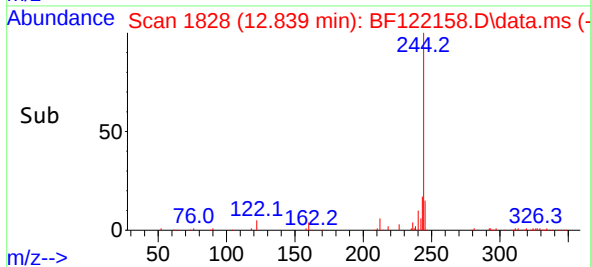
Tgt Ion:202 Resp: 73970
Ion Ratio Lower Upper
202 100
200 23.8 17.4 26.2
203 28.6 14.6 21.8#



#79
Terphenyl-d14
Concen: 8.12 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.023 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36



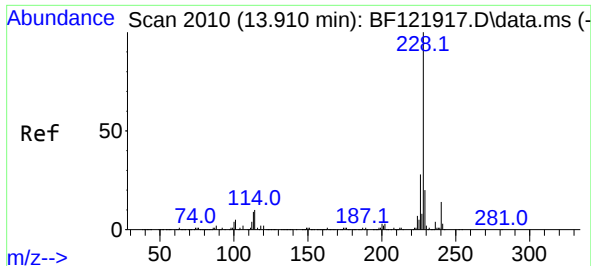
Tgt Ion:244 Resp: 92711
Ion Ratio Lower Upper
244 100
212 10.7 5.4 8.2#
122 19.9 8.1 12.1#



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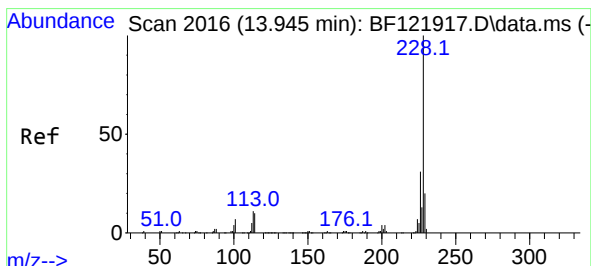
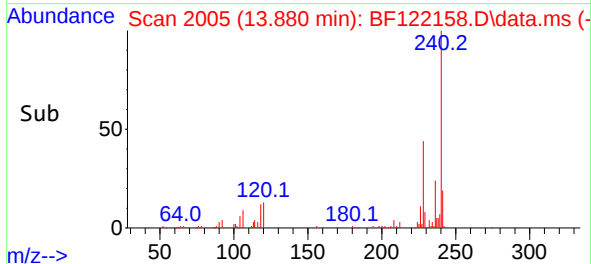
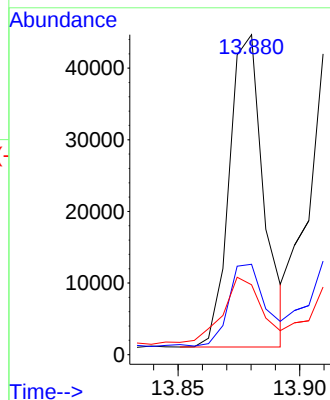
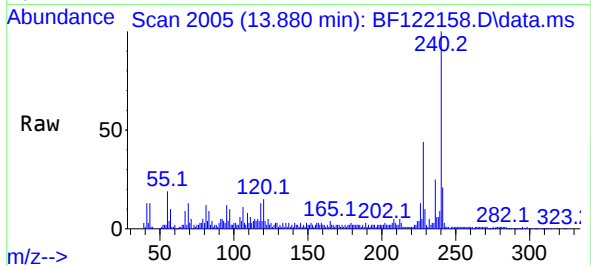
#81
Benzo(a)anthracene
Concen: 3.01 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.012 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:	228	Resp:	42956
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.3	33.5
229	21.8	16.2	24.4

Instrument :
BNA_F
ClientSampleId :
26414-26215

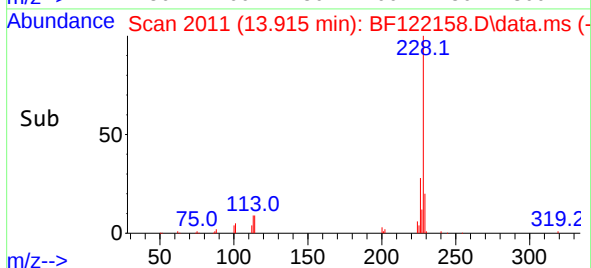
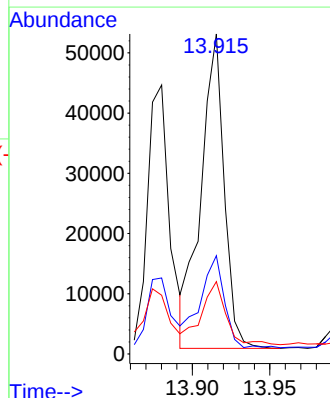
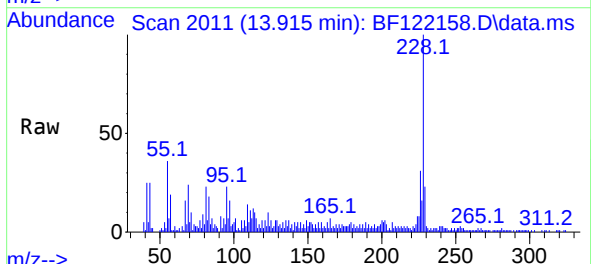
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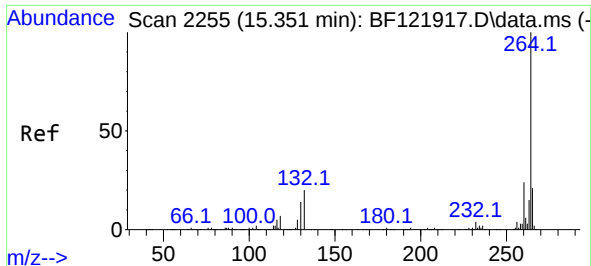
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#83
Chrysene
Concen: 3.91 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

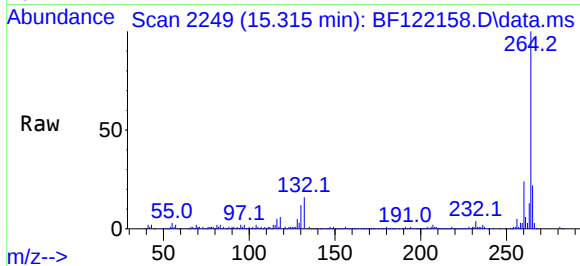
Tgt Ion:	228	Resp:	54723
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.6	37.0
229	22.6	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

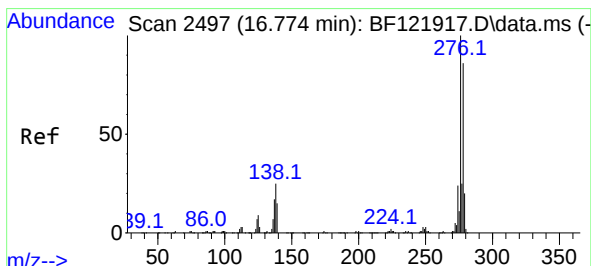
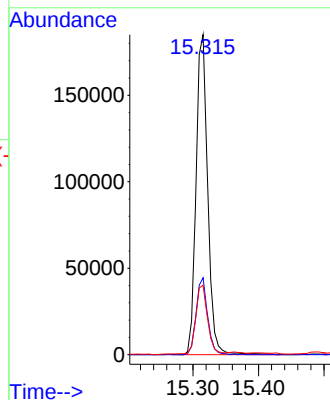
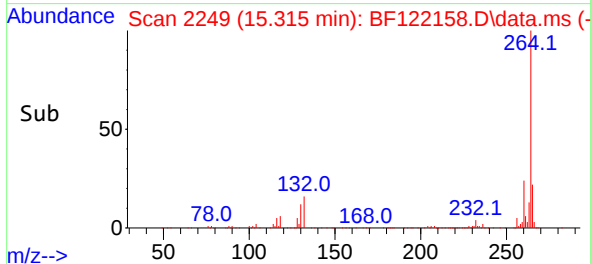
Instrument :
BNA_F
ClientSampleId :
26414-26215



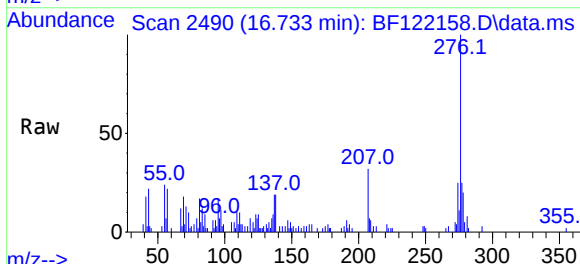
Tgt Ion:264 Resp: 228956
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.7 17.3 25.9

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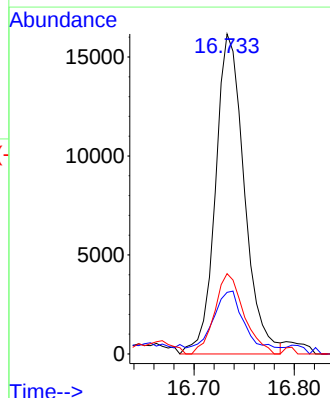
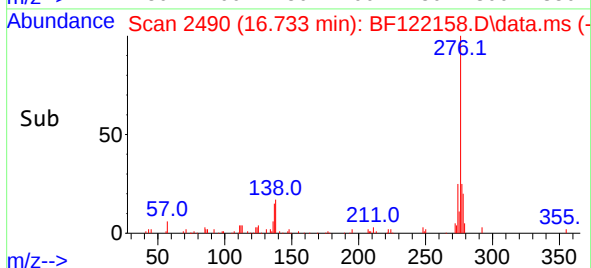
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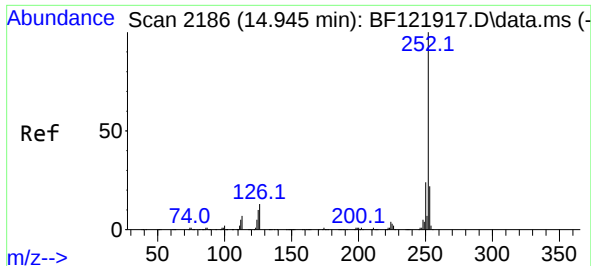


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng
RT: 16.733 min Scan# 2490
Delta R.T. 0.018 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36



Tgt Ion:276 Resp: 32213
Ion Ratio Lower Upper
276 100
138 22.7 19.9 29.9
277 25.4 20.4 30.6





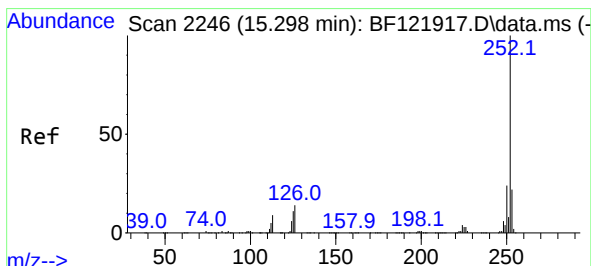
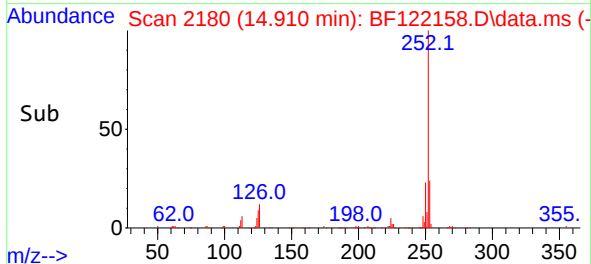
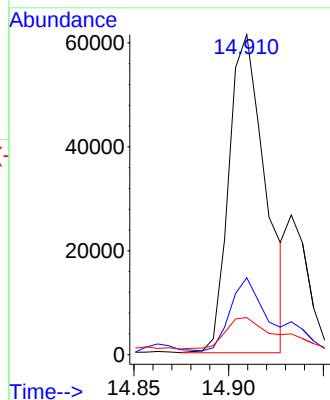
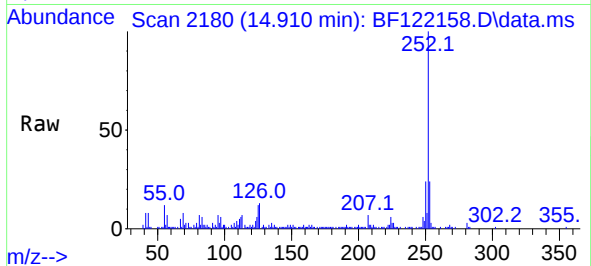
#88
Benzo(b)fluoranthene
Concen: 5.31 ng m
RT: 14.910 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:252 Resp: 82156
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 11.6 8.0 12.0

Instrument :
BNA_F
ClientSampleId :
26414-26215

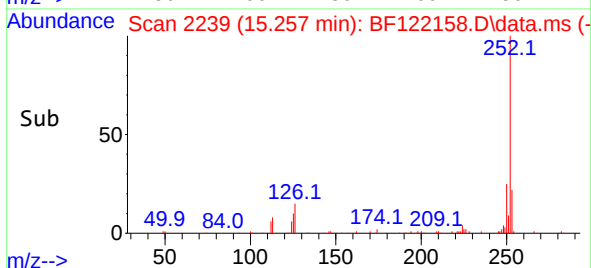
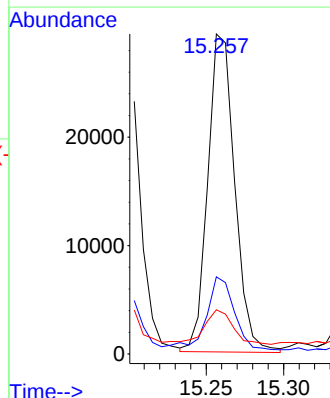
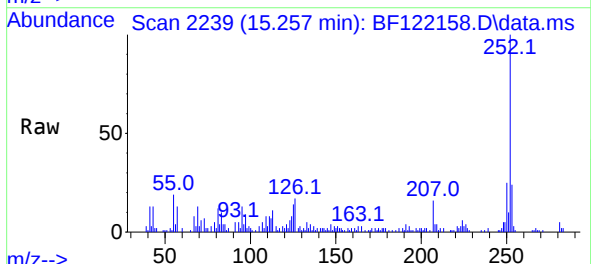
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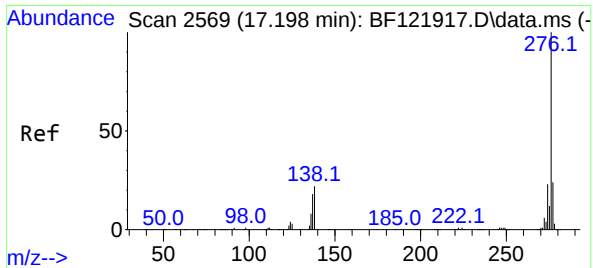
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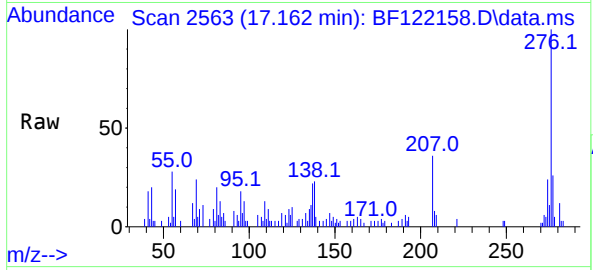
#90
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.257 min Scan# 2239
Delta R.T. 0.006 min
Lab File: BF122158.D
Acq: 28 Oct 2020 20:36

Tgt Ion:252 Resp: 35568
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 13.8 8.6 13.0#

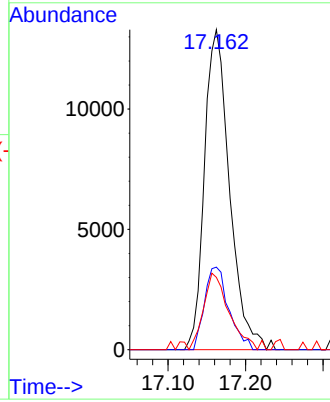
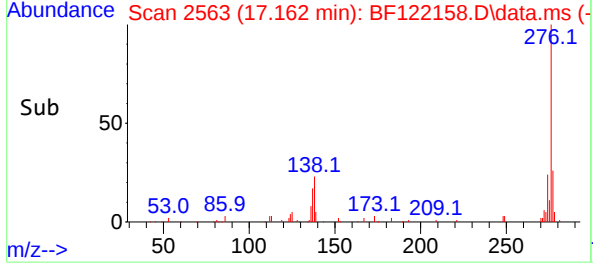




#92
 Benzo(g,h,i)perylene
 Concen: 2.45 ng
 RT: 17.162 min Scan# 2563
 Delta R.T. 0.029 min
 Lab File: BF122158.D
 Acq: 28 Oct 2020 20:36



Tgt Ion:	276	Resp:	29966
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.4	29.2
138	22.6	17.8	26.6



Instrument :
 BNA_F
 ClientSampleId :
 26414-26215

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