

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122122.D
 Acq On : 26 Oct 2020 18:40
 Operator : JU/CG
 Sample : L4510-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Manual Integrations
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Quant Time: Oct 27 00:55:19 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	6.710	152	96509	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	379615	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	195229	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	363338	20.00	ng	0.00
76) Chrysene-d12	13.874	240	240286	20.00	ng	0.00
86) Perylene-d12	15.304	264	232774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	533243	81.55	ng	0.00
7) Phenol-d6	6.363	99	683525	81.20	ng	0.00
23) Nitrobenzene-d5	7.281	82	465298	62.86	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	159753	66.15	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	781044	58.86	ng	0.00
79) Terphenyl-d14	12.816	244	722487	57.30	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.469	163	84596	5.93	ng	99
71) Phenanthrene	11.257	178	170575	8.56	ng	98
72) Anthracene	11.310	178	52223	2.53	ng	97
75) Fluoranthene	12.445	202	171845	8.04	ng	98
78) Pyrene	12.674	202	143798	7.85	ng	98
81) Benzo(a)anthracene	13.863	228	67047	4.26	ng	98
83) Chrysene	13.898	228	52452	3.39	ng	98
88) Benzo(b)fluoranthene	14.898	252	62047m	3.94	ng	
90) Benzo(a)pyrene	15.245	252	48022	3.53	ng	98
92) Benzo(g,h,i)perylene	17.133	276	28285	2.27	ng	99

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

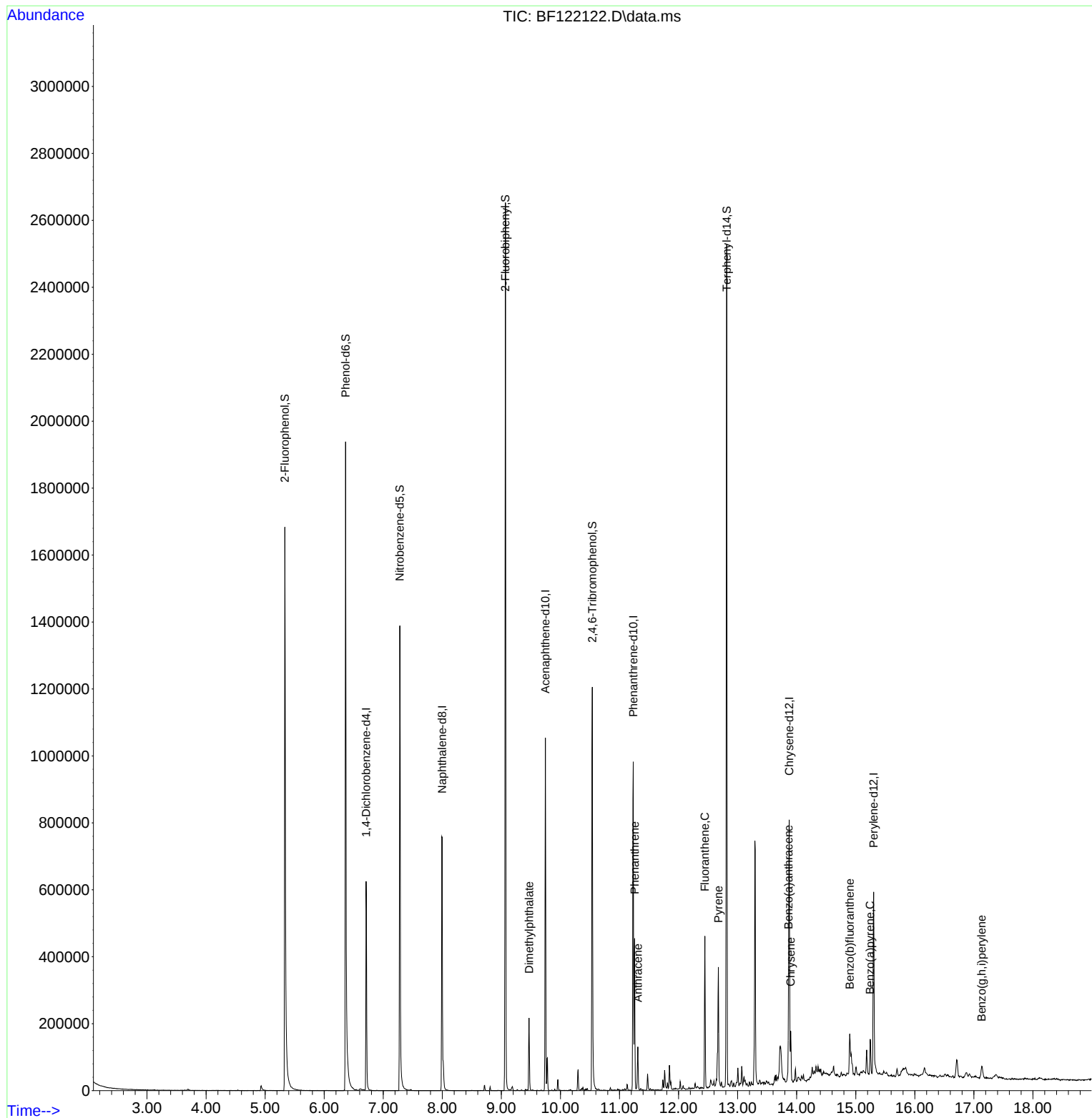
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Data File : BF122122.D
Acq On : 26 Oct 2020 18:40
Operator : JU/CG
Sample : L4510-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Manual Integrations
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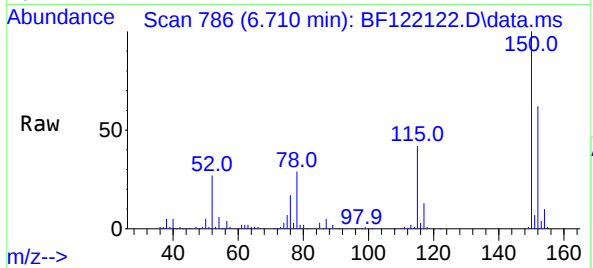
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Quant Time: Oct 27 00:55:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

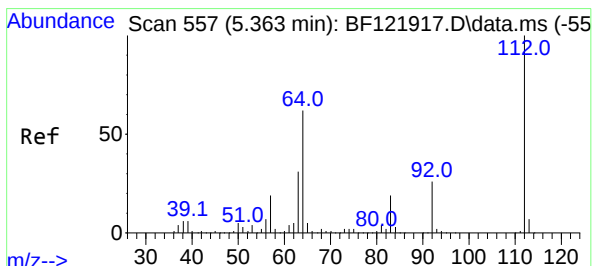
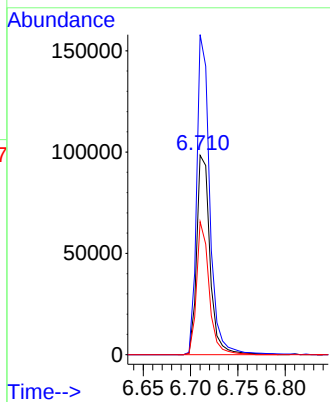
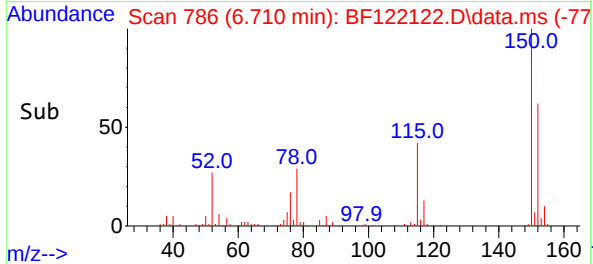




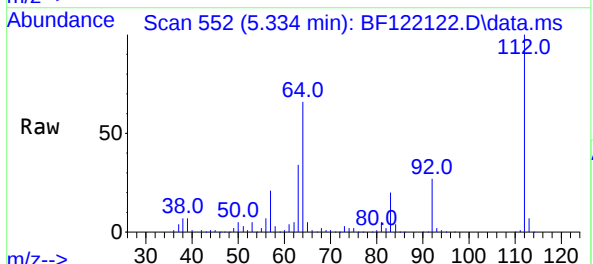
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40



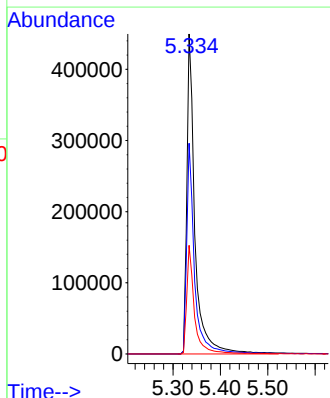
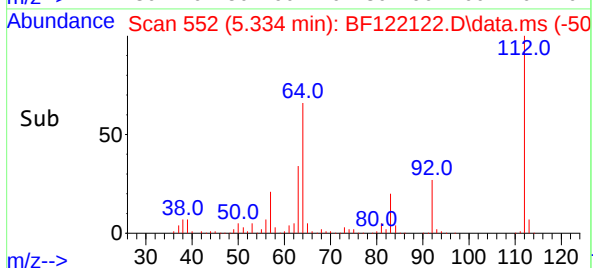
Tgt Ion:152 Resp: 96509
Ion Ratio Lower Upper
152 100
150 160.5 125.3 187.9
115 66.7 51.9 77.9



#5
2-Fluorophenol
Concen: 81.55 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40



Tgt Ion:112 Resp: 533243
Ion Ratio Lower Upper
112 100
64 65.8 50.4 75.6
63 34.0 25.8 38.6



Instrument :
BNA_F
ClientSampled :
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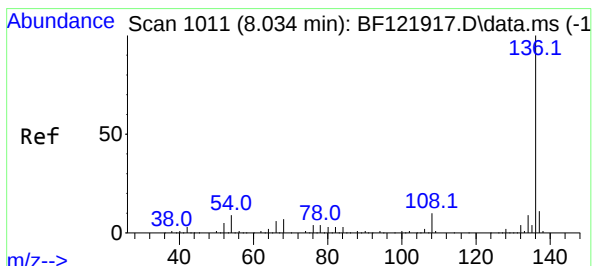
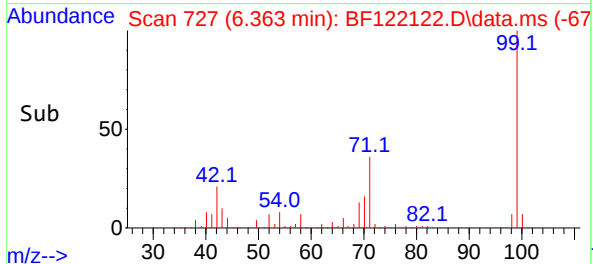
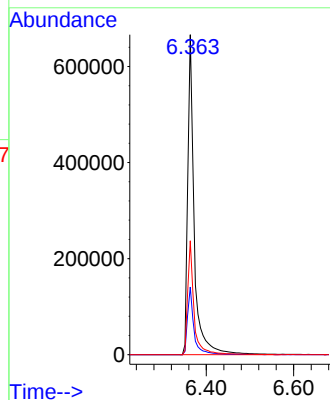
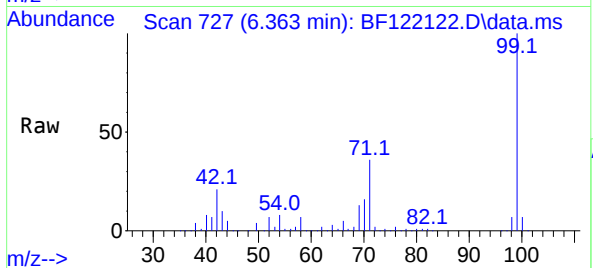
#7
Phenol-d6
Concen: 81.20 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion: 99 Resp: 683525
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 35.6 27.1 40.7

Instrument :
BNA_F
ClientSampled :
COMP-2

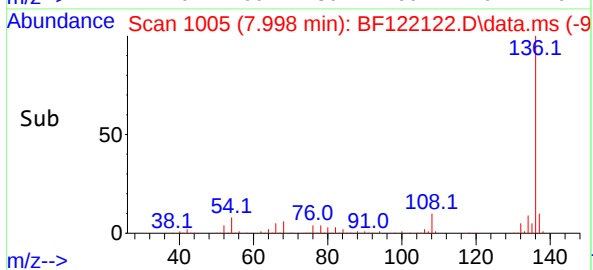
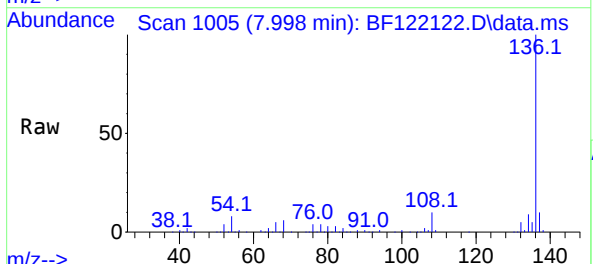
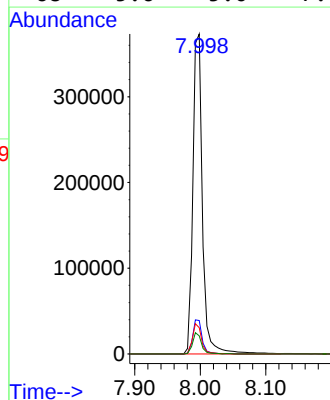
Manual Integrations
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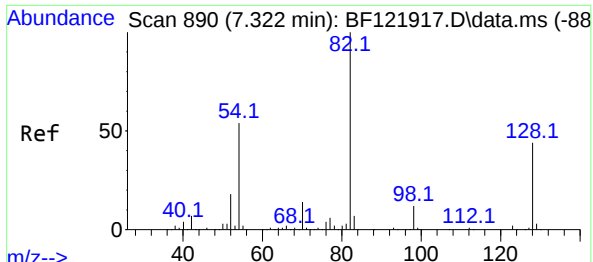
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion: 136 Resp: 379615
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 7.1 10.7
68 5.6 5.0 7.4





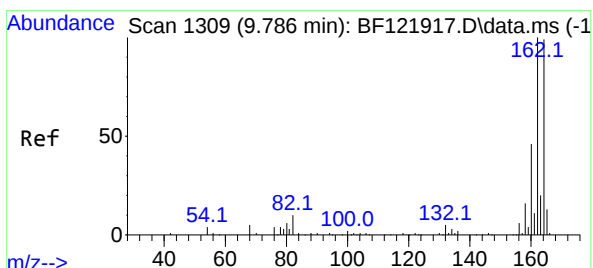
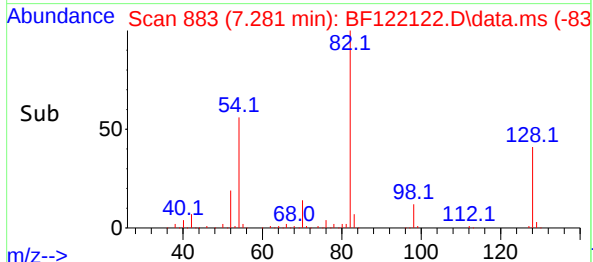
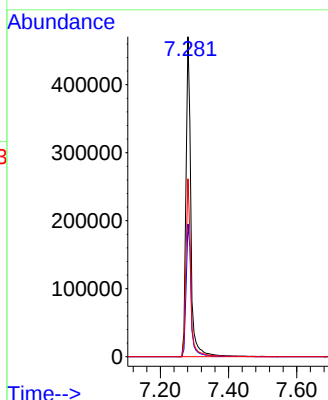
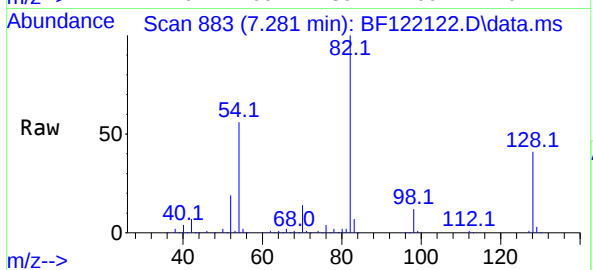
#23
Nitrobenzene-d5
Concen: 62.86 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion: 82 Resp: 465298
Ion Ratio Lower Upper
82 100
128 41.4 35.0 52.4
54 55.6 43.9 65.9

Instrument :
BNA_F
ClientSampled :
COMP-2

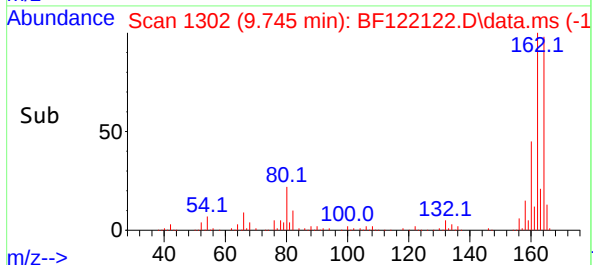
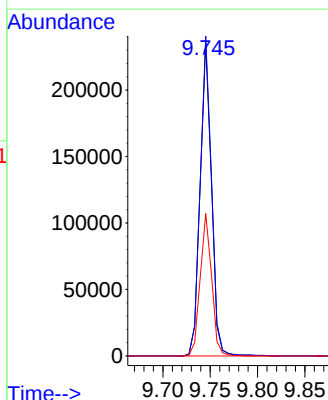
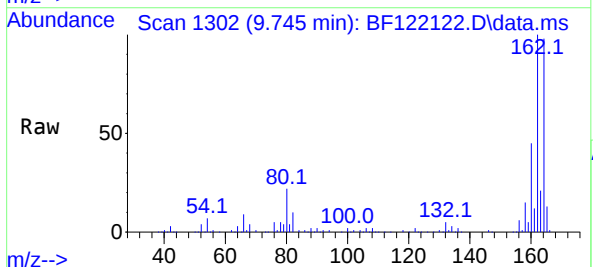
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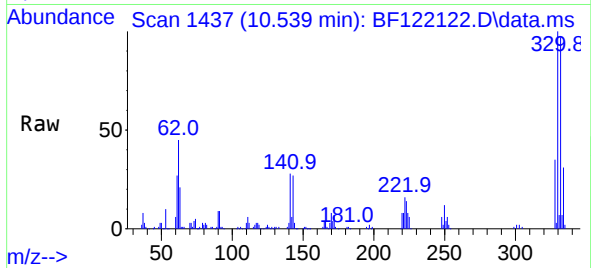
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:164 Resp: 195229
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 45.5 37.5 56.3

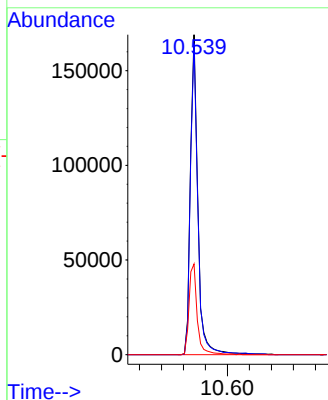
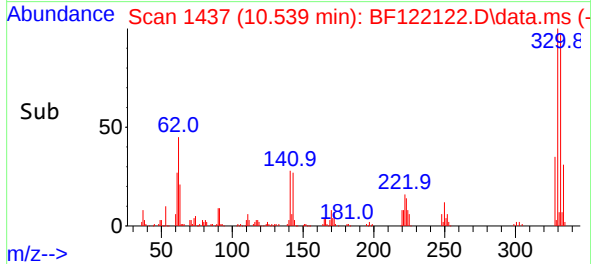




#42
2,4,6-Tribromophenol
Concen: 66.15 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40



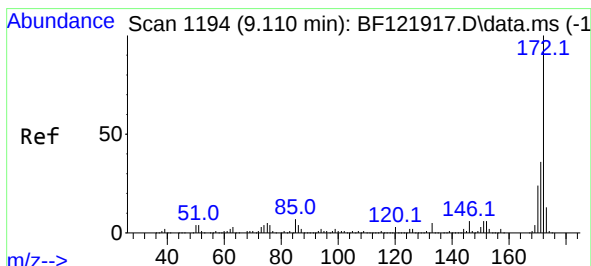
Tgt Ion: 330 Resp: 159753
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.9 22.3 33.5



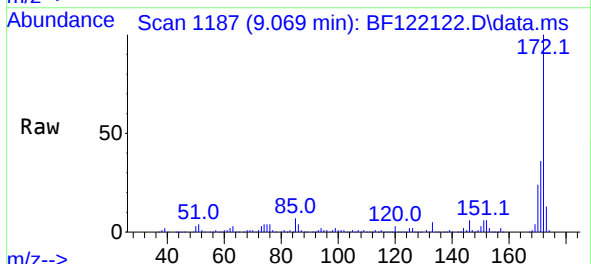
Instrument :
BNA_F
ClientSampled :
COMP-2

Manual Integrations
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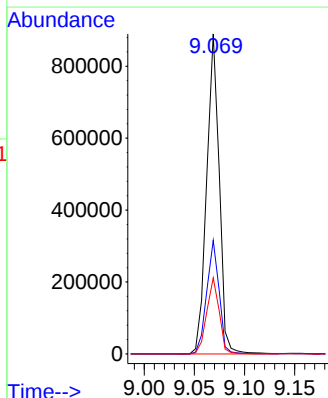
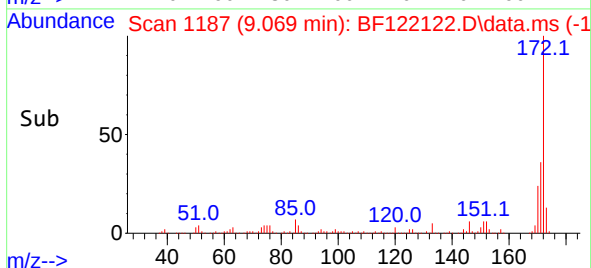
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#45
2-Fluorobiphenyl
Concen: 58.86 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40



Tgt Ion: 172 Resp: 781044
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.8 19.8 29.6





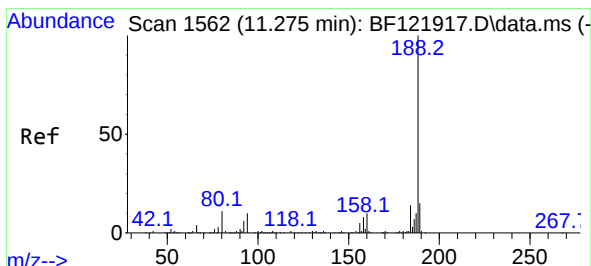
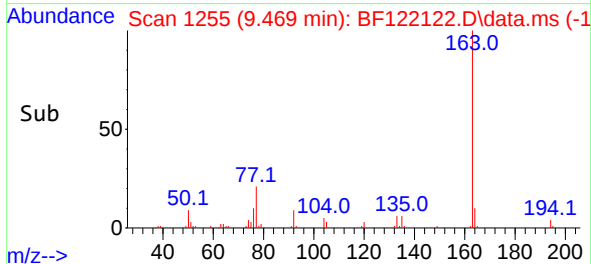
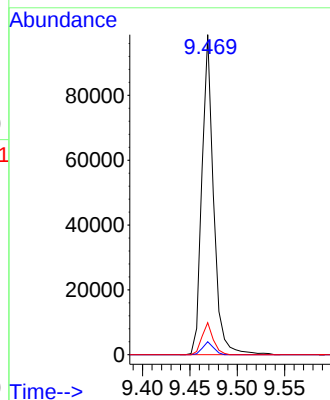
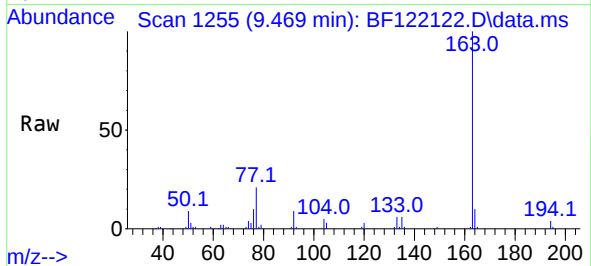
#50
Dimethylphthalate
Concen: 5.93 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:163 Resp: 84596
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.4

Instrument :
BNA_F
ClientSampleId :
COMP-2

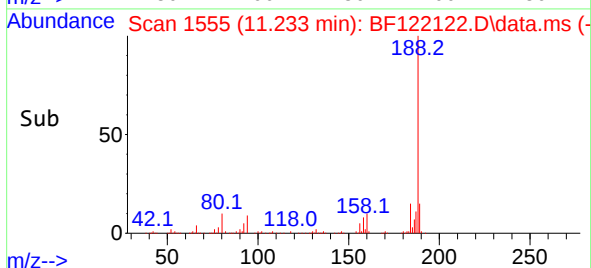
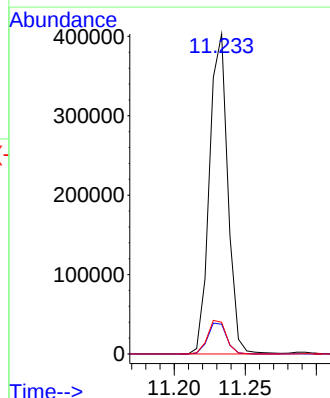
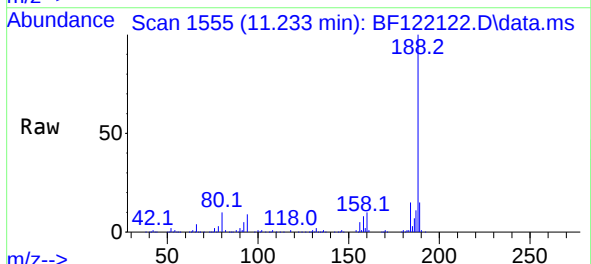
Manual Integrations
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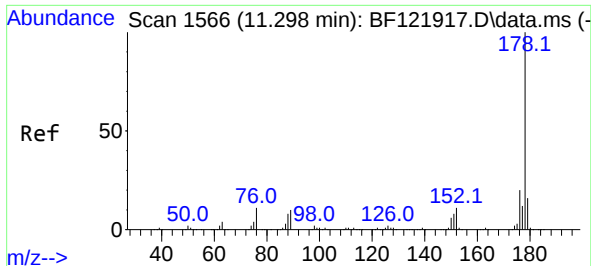
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

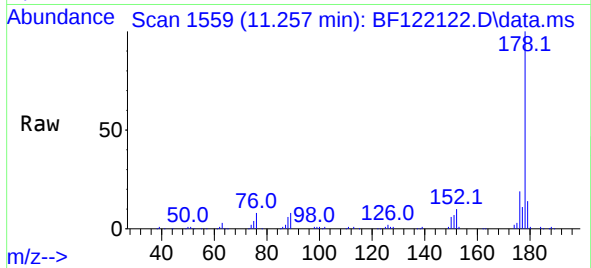
Tgt Ion:188 Resp: 363338
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.9 9.1 13.7





#71
Phenanthrene
Concen: 8.56 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

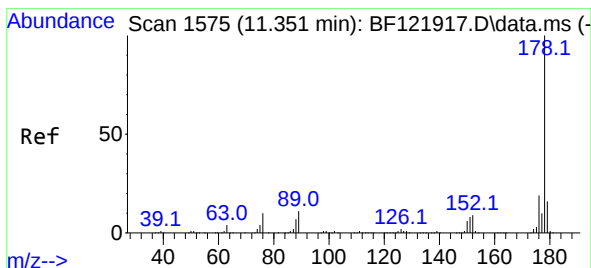
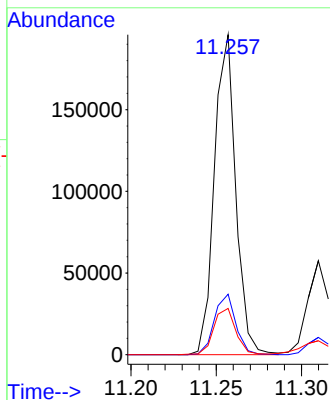
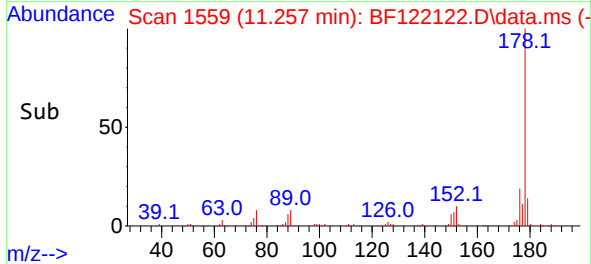
Instrument :
BNA_F
ClientSampled :
COMP-2



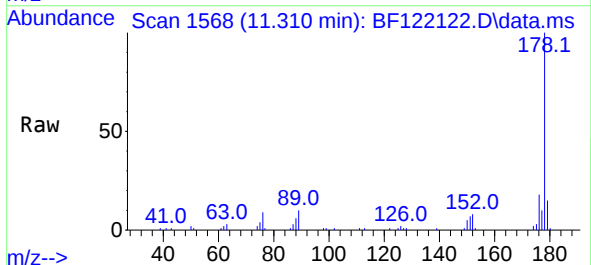
Tgt Ion:178 Resp: 170575
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 14.4 12.2 18.4

Manual Integrations
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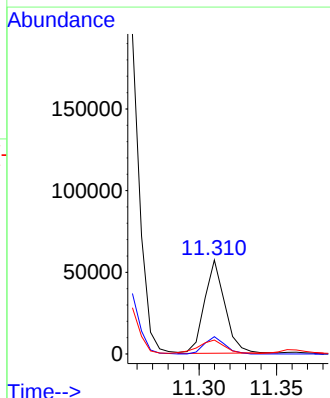
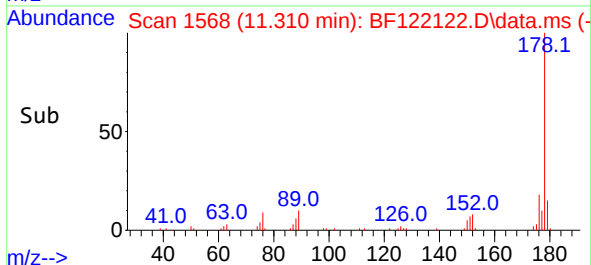
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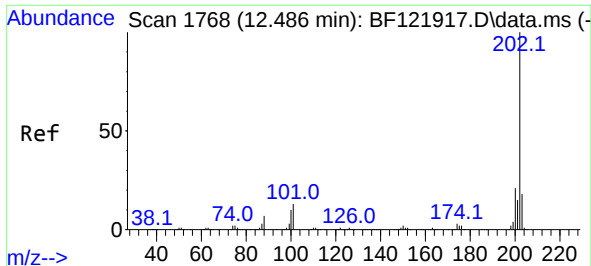


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Anthracene
Concen: 2.53 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40



Tgt Ion:178 Resp: 52223
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 14.9 12.7 19.1





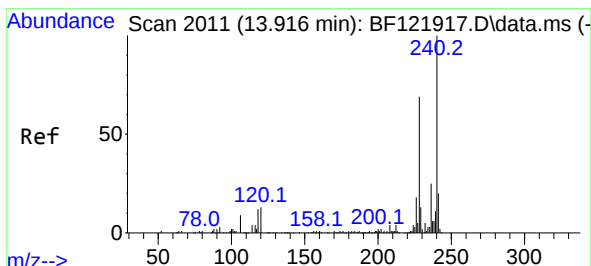
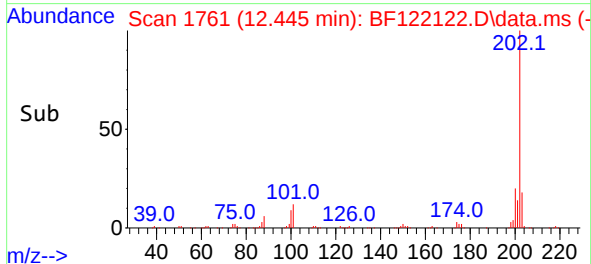
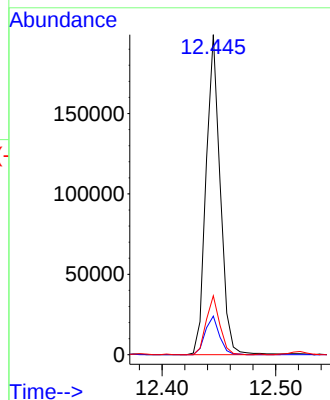
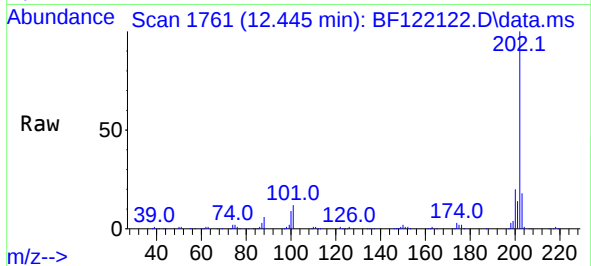
#75
Fluoranthene
Concen: 8.04 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Instrument :
BNA_F
ClientSampled :
COMP-2

Tgt Ion:202 Resp: 171845
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.4
203 18.4 0.0 37.9

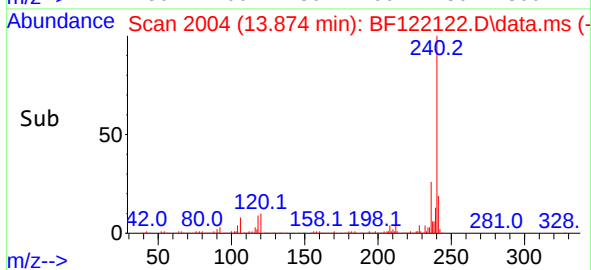
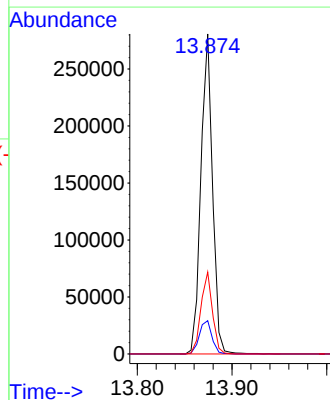
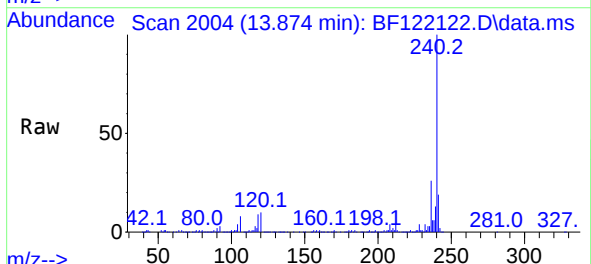
Manual Integrations
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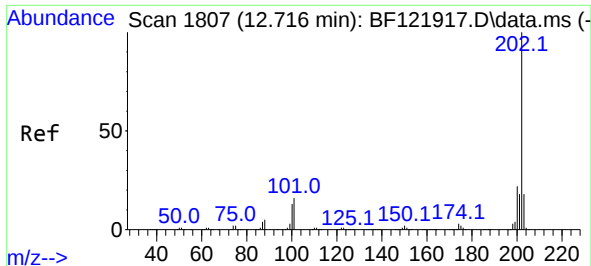
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:240 Resp: 240286
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.6 20.9 31.3





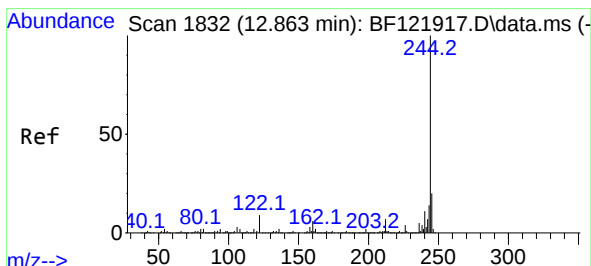
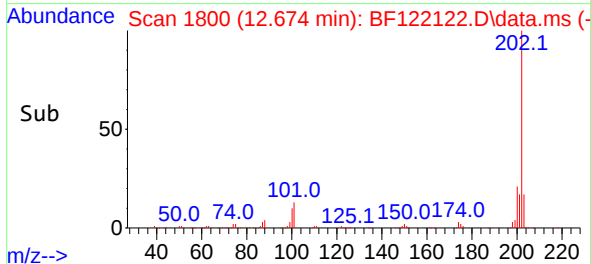
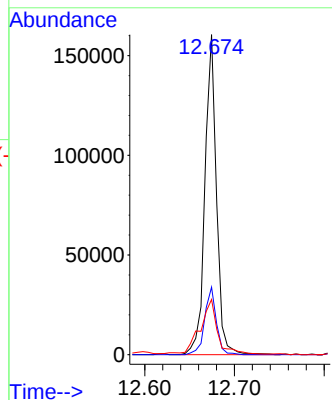
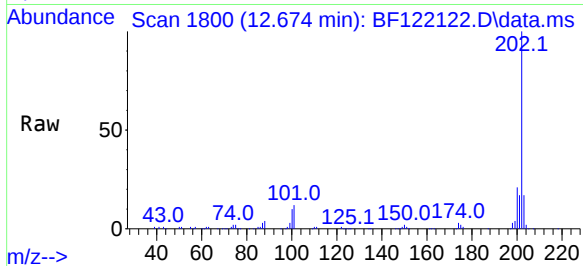
#78
Pyrene
Concen: 7.85 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:	202	Resp:	143798
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.3	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
COMP-2

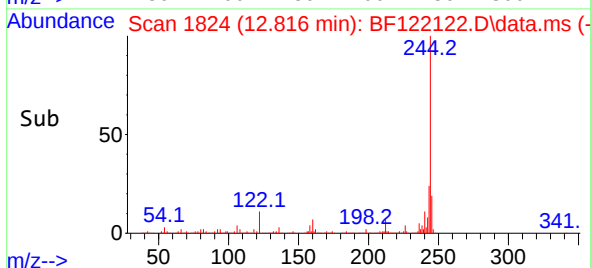
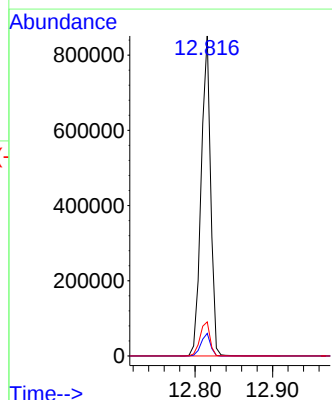
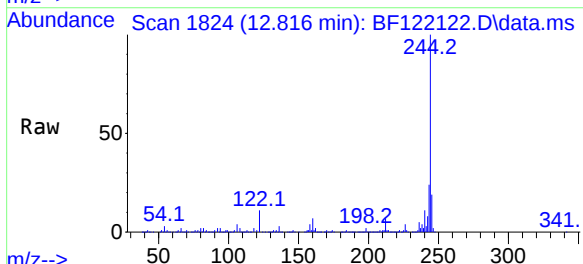
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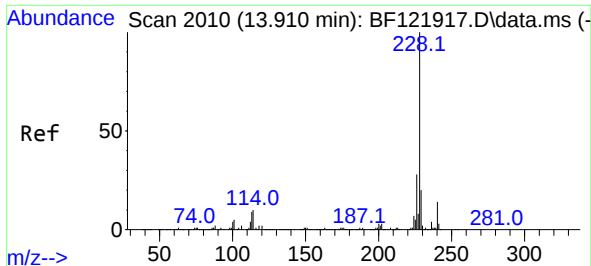
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#79
Terphenyl-d14
Concen: 57.30 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:	244	Resp:	722487
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.2
122	10.6	8.1	12.1





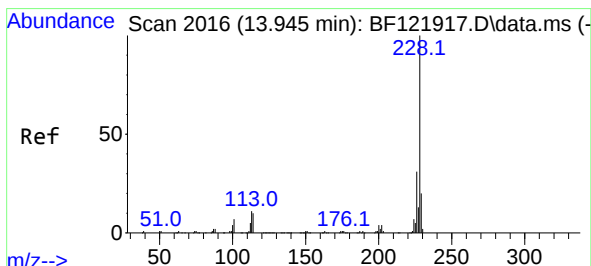
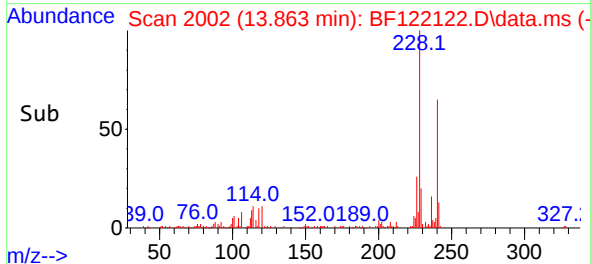
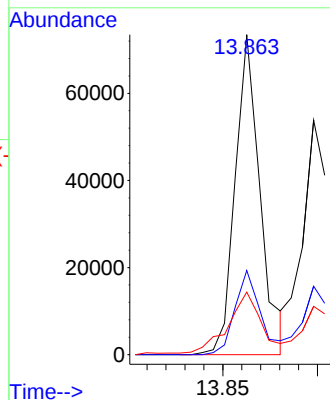
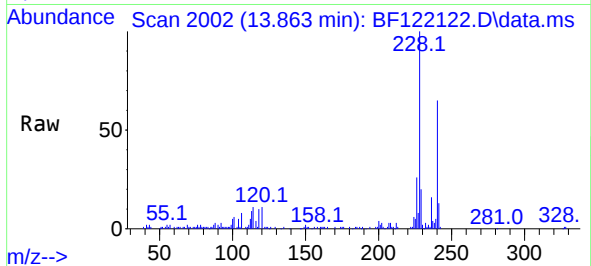
#81
Benzo(a)anthracene
Concen: 4.26 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:228 Resp: 67047
Ion Ratio Lower Upper
228 100
226 26.3 22.3 33.5
229 19.5 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
COMP-2

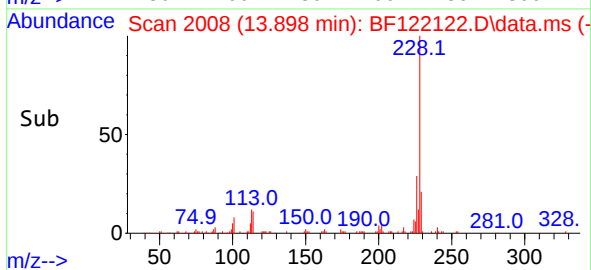
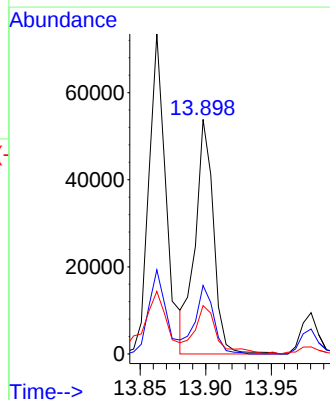
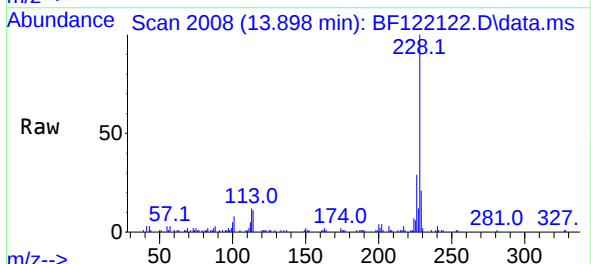
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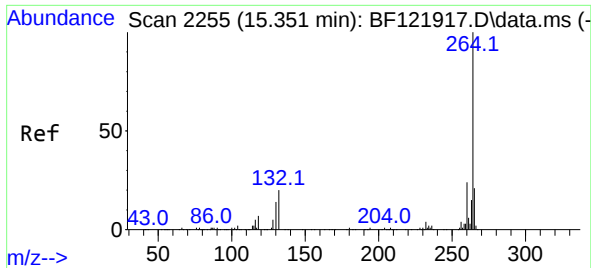
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#83
Chrysene
Concen: 3.39 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:228 Resp: 52452
Ion Ratio Lower Upper
228 100
226 29.2 24.6 37.0
229 20.6 15.9 23.9





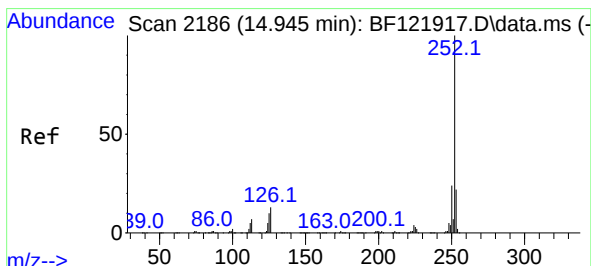
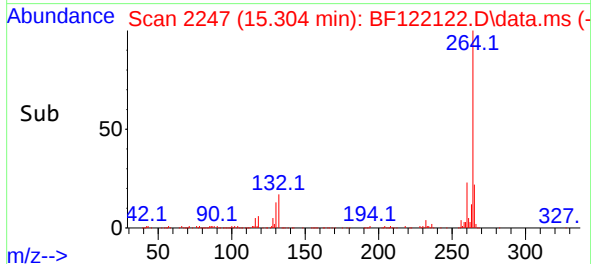
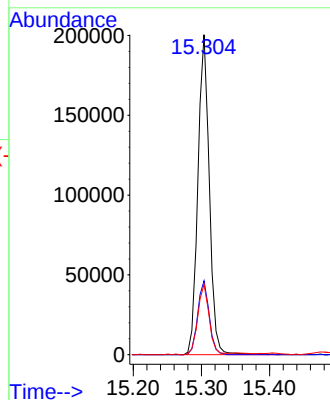
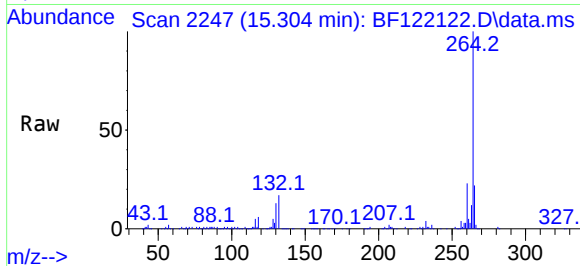
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:264 Resp: 232774
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 22.0 17.3 25.9

Instrument :
BNA_F
ClientSampleId :
COMP-2

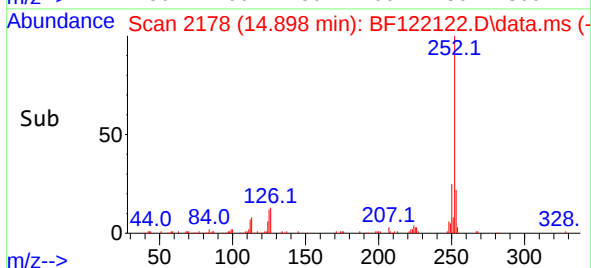
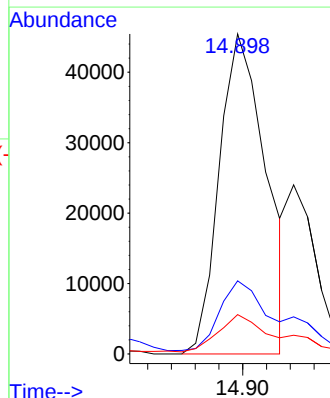
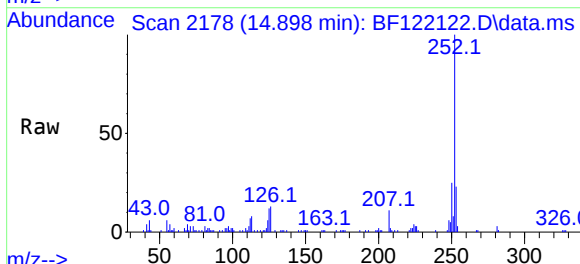
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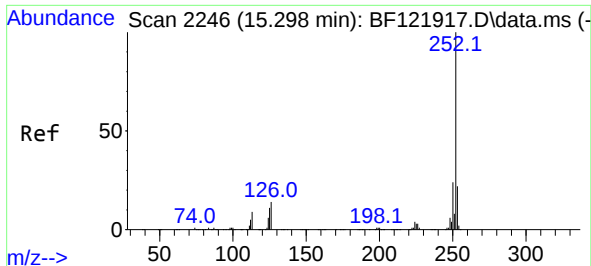
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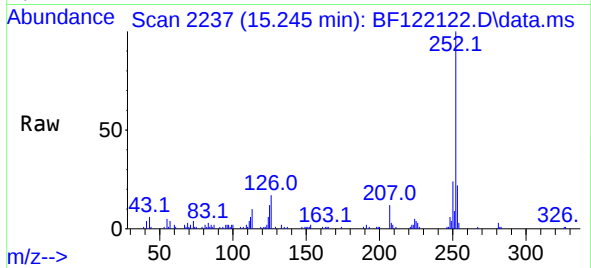
#88
Benzo(b)fluoranthene
Concen: 3.94 ng m
RT: 14.898 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40

Tgt Ion:252 Resp: 62047
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.3 8.0 12.0#

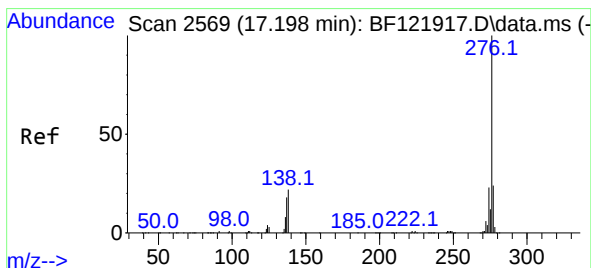
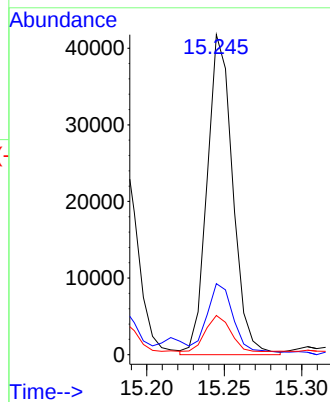
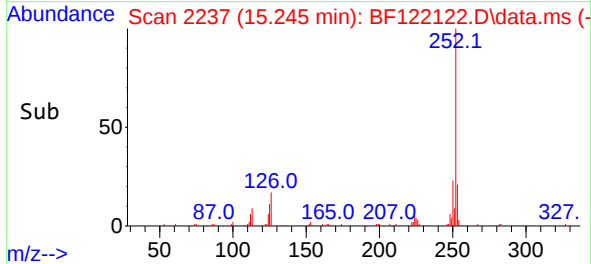




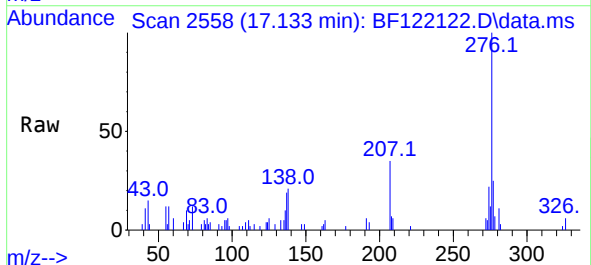
#90
Benzo(a)pyrene
Concen: 3.53 ng
RT: 15.245 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40



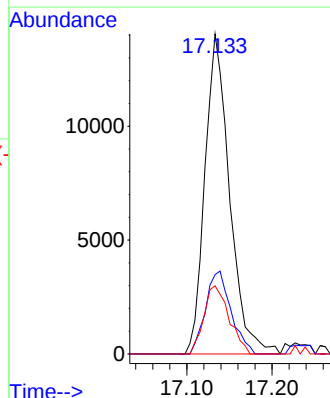
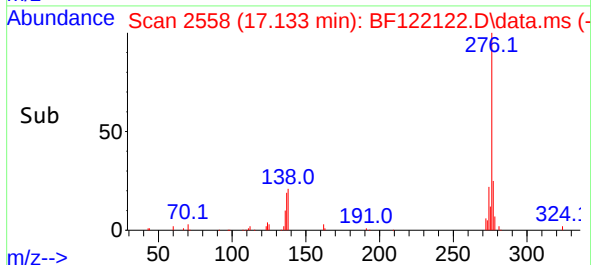
Tgt Ion: 252 Resp: 48022
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 12.3 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 2.27 ng
RT: 17.133 min Scan# 2558
Delta R.T. 0.000 min
Lab File: BF122122.D
Acq: 26 Oct 2020 18:40



Tgt Ion: 276 Resp: 28285
Ion Ratio Lower Upper
276 100
277 24.8 19.4 29.2
138 21.3 17.8 26.6



Instrument :
BNA_F
ClientSampleId :
COMP-2

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