

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122201.D
 Acq On : 31 Oct 2020 1:59
 Operator : JU/CG
 Sample : L4222-06 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-102920

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Quant Time: Oct 31 03:06:05 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	103804	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	382054	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	173603	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	250076	20.00	ng	0.00
76) Chrysene-d12	13.880	240	220555	20.00	ng	0.00
86) Perylene-d12	15.315	264	220354	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	259919	36.96	ng	0.00
7) Phenol-d6	6.369	99	321594	35.52	ng	0.00
23) Nitrobenzene-d5	7.281	82	198856	26.69	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	58306	27.15	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	348026	29.50	ng	-0.01
79) Terphenyl-d14	12.816	244	209478	18.10	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.469	163	63433	5.00	ng	100
58) Fluorene	10.298	166	27520	2.33	ng	98
71) Phenanthrene	11.257	178	147318	10.74	ng	99
72) Anthracene	11.316	178	42671	3.00	ng	99
75) Fluoranthene	12.451	202	101583	6.91	ng	99
78) Pyrene	12.680	202	145240	8.64	ng	98
81) Benzo(a)anthracene	13.868	228	63465	4.39	ng	99
83) Chrysene	13.910	228	61817	4.36	ng	97
88) Benzo(b)fluoranthene	14.909	252	57088m	3.83	ng	
90) Benzo(a)pyrene	15.262	252	50613	3.93	ng	# 94
92) Benzo(g,h,i)perylene	17.180	276	24377	2.07	ng	# 89

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

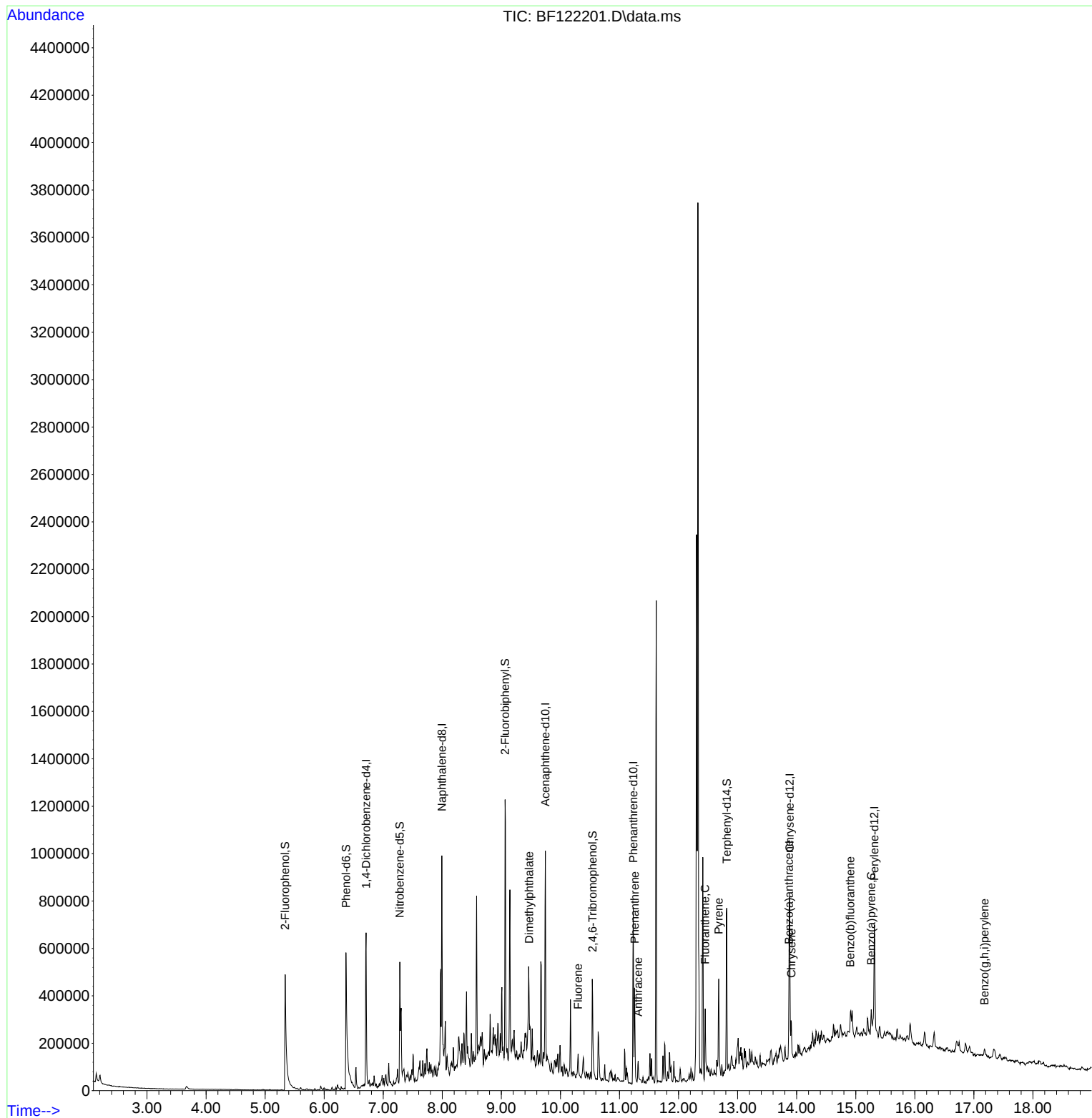
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Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
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Manual Integrations
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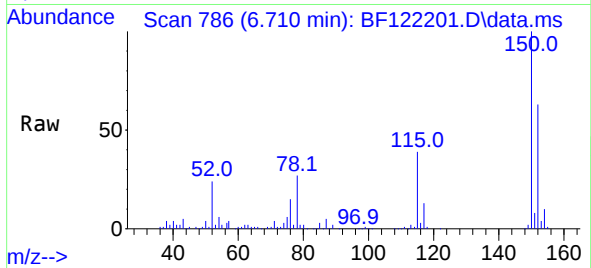
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Quant Time: Oct 31 03:06:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

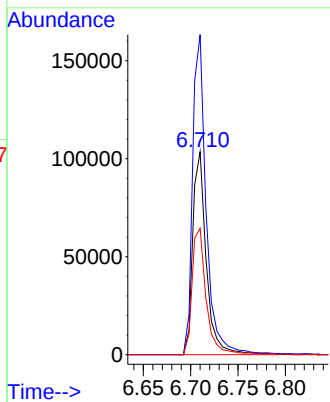
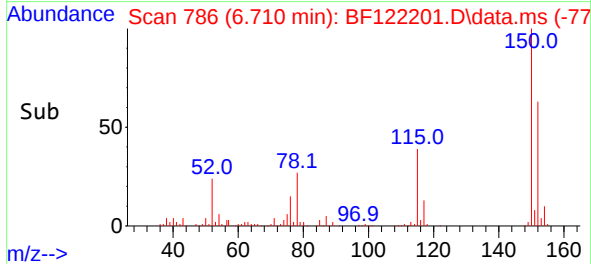




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



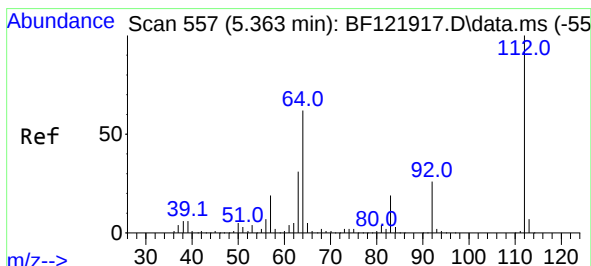
Tgt Ion:152 Resp: 103804
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 62.3 51.9 77.9



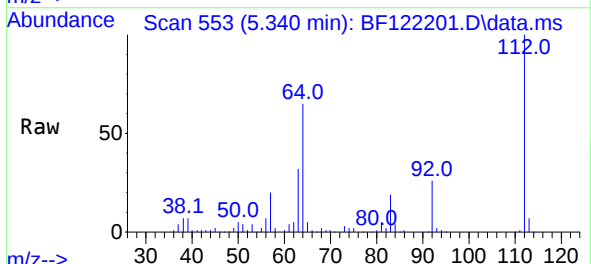
Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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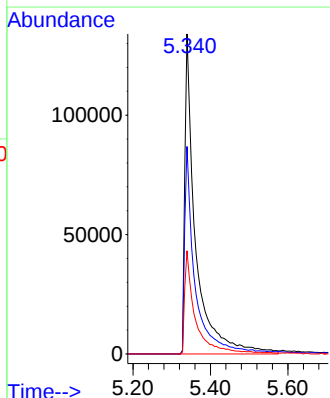
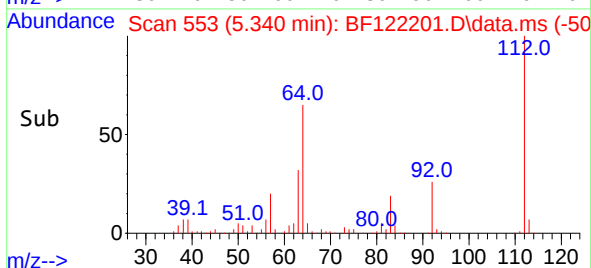
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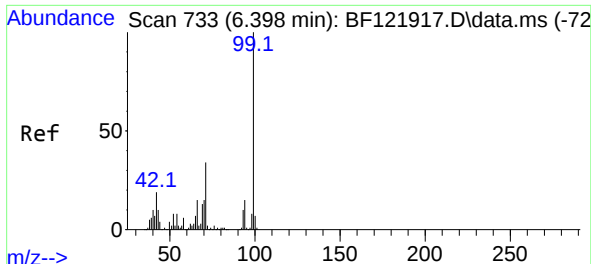


#5
2-Fluorophenol
Concen: 36.96 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



Tgt Ion:112 Resp: 259919
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 32.2 25.8 38.6





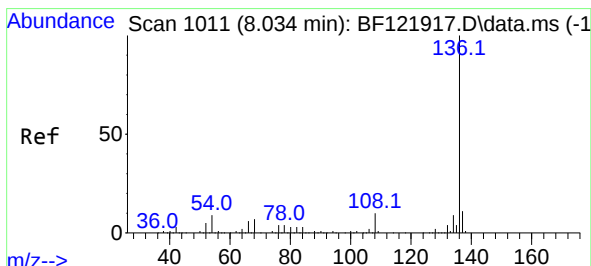
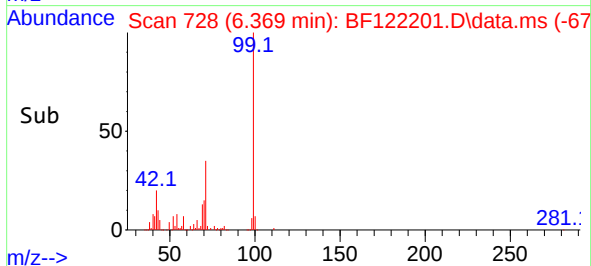
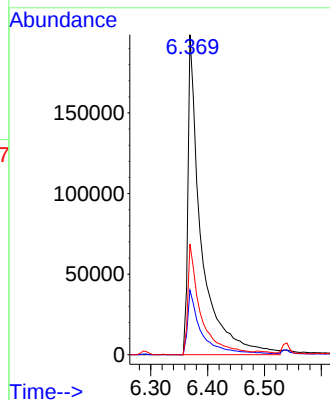
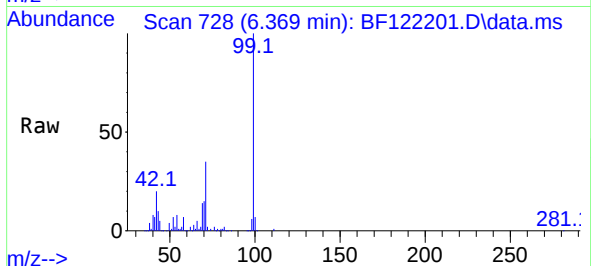
#7
Phenol-d6
Concen: 35.52 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

Tgt Ion:	99	Resp:	321594
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	34.5	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

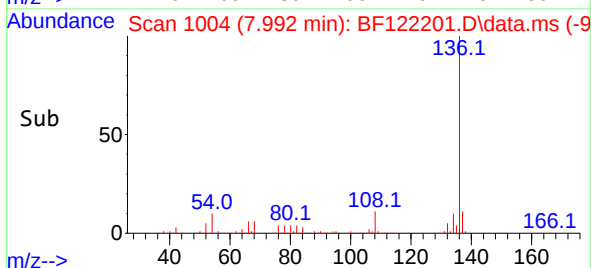
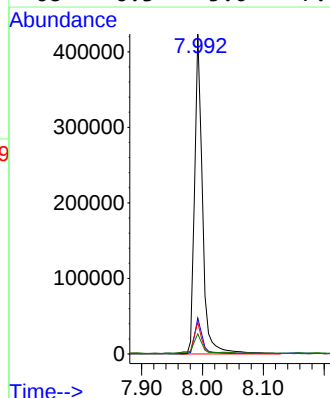
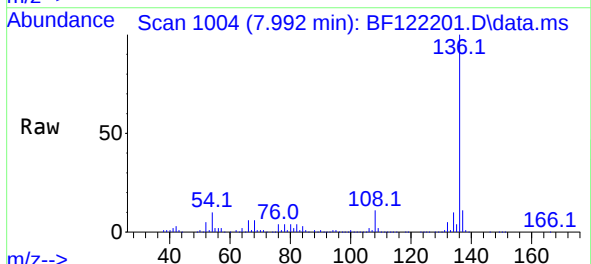
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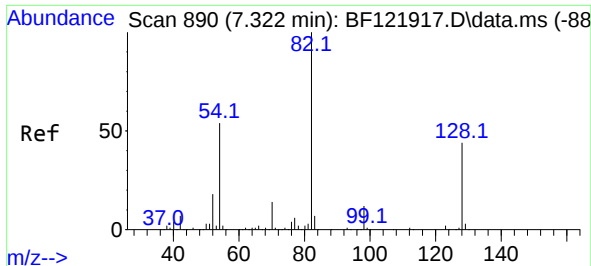
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

Tgt Ion:	136	Resp:	382054
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.9	7.1	10.7
68	6.3	5.0	7.4





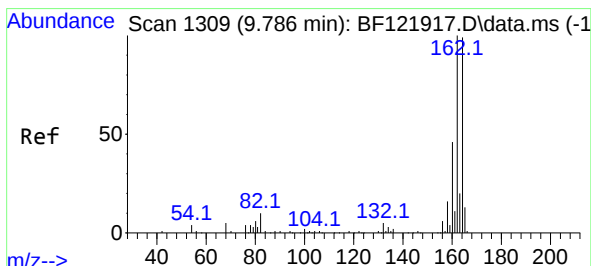
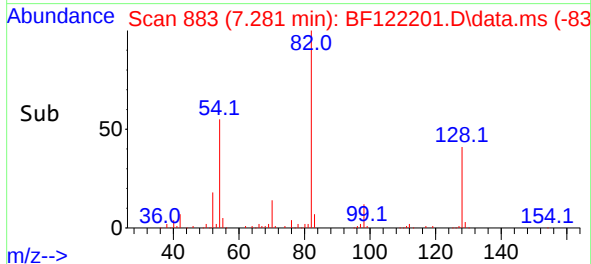
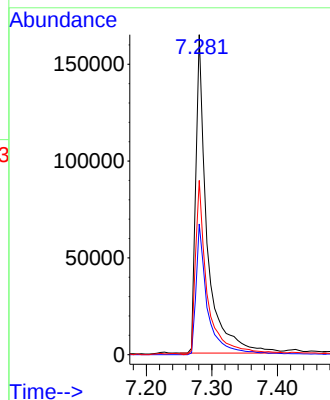
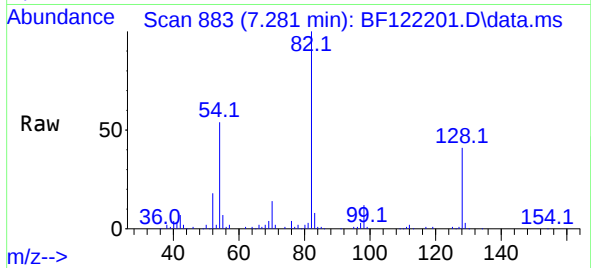
#23
Nitrobenzene-d5
Concen: 26.69 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

Tgt Ion: 82 Resp: 198856
Ion Ratio Lower Upper
82 100
128 40.8 35.0 52.4
54 54.5 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

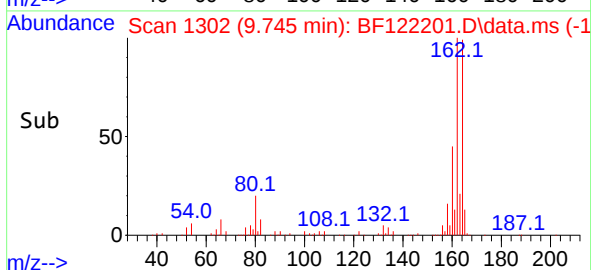
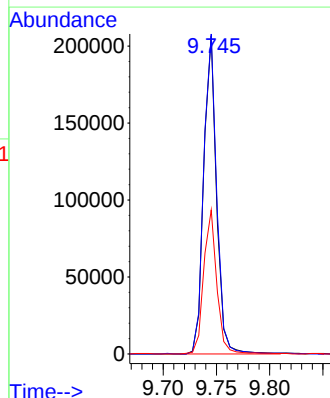
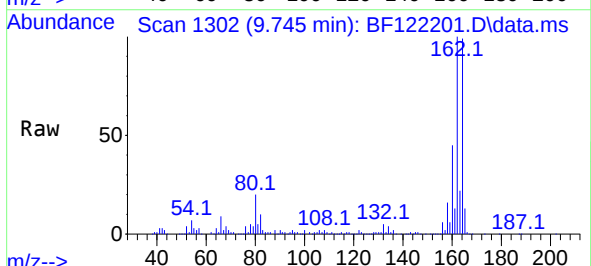
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

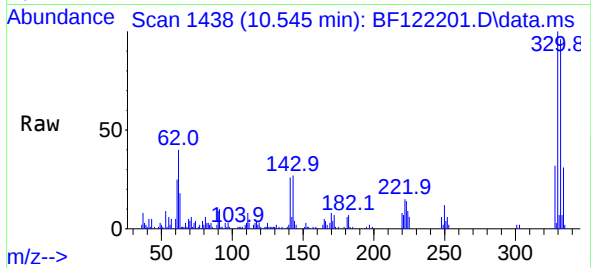
Tgt Ion: 164 Resp: 173603
Ion Ratio Lower Upper
164 100
162 100.6 83.2 124.8
160 45.2 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 27.15 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

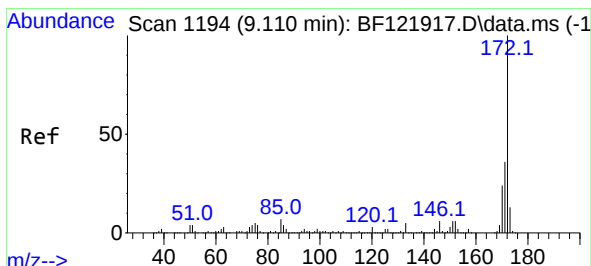
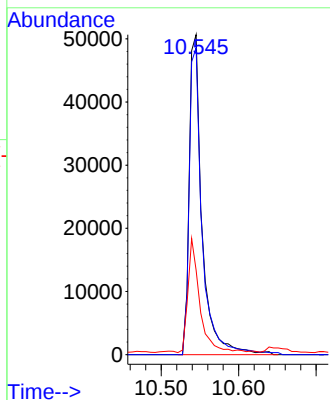
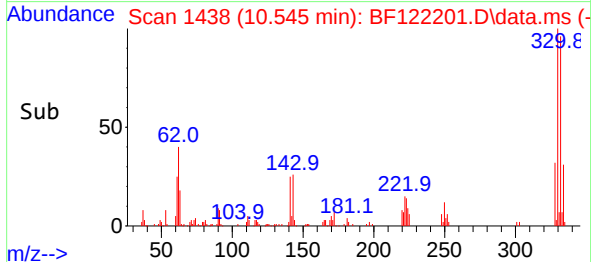
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ClientSampleId :
EO-02-102920



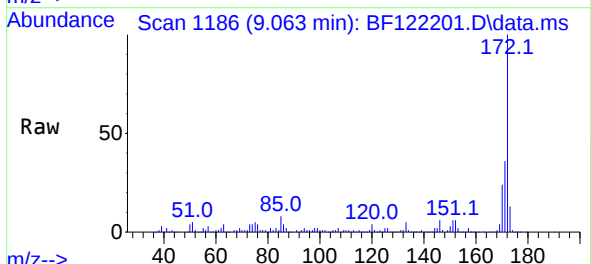
Tgt Ion: 330 Resp: 58306
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.4 22.3 33.5

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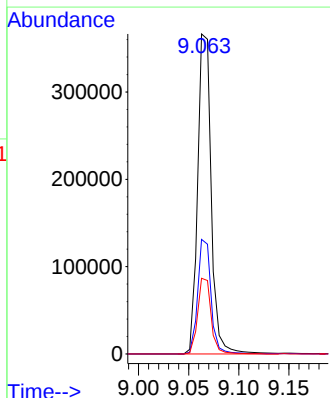
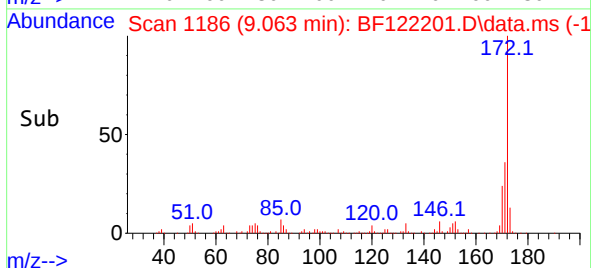
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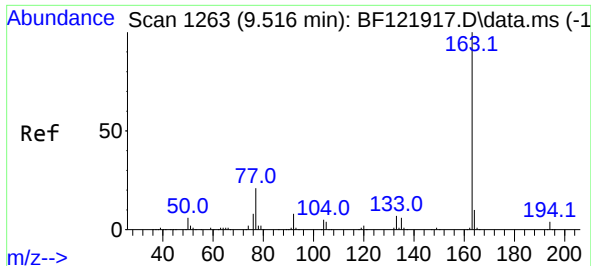


#45
2-Fluorobiphenyl
Concen: 29.50 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



Tgt Ion: 172 Resp: 348026
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.6 19.8 29.6





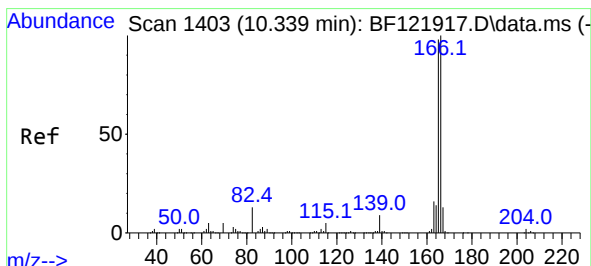
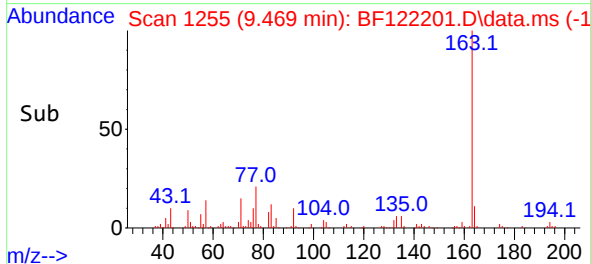
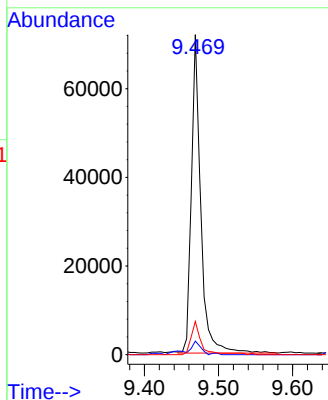
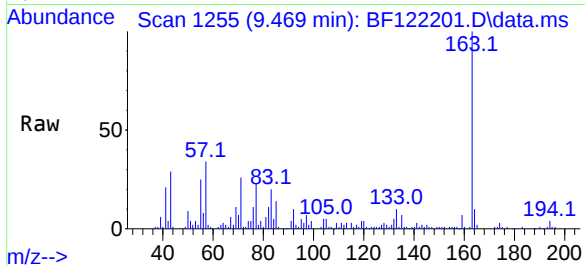
#50
Dimethylphthalate
Concen: 5.00 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

Tgt Ion:163 Resp: 63433
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.2 12.4

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

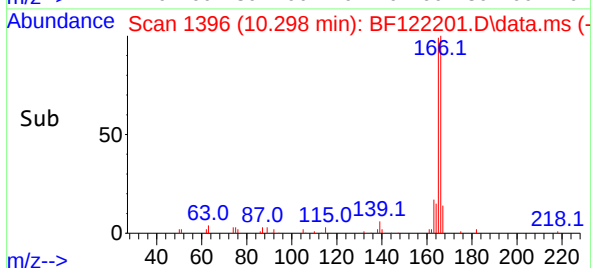
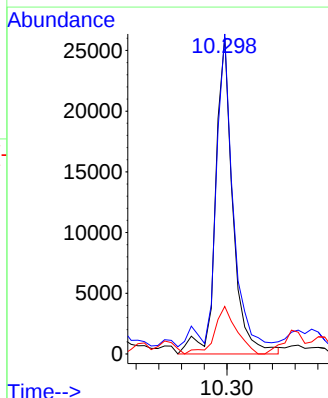
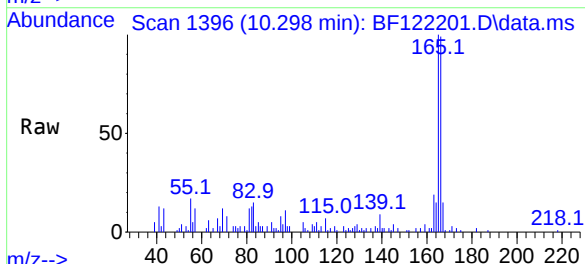
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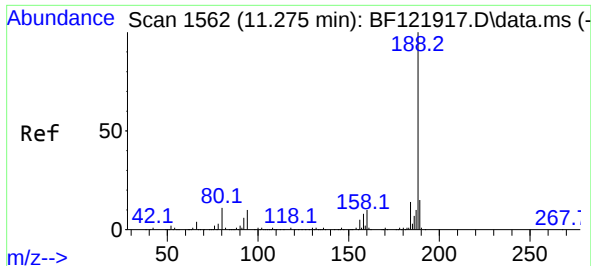
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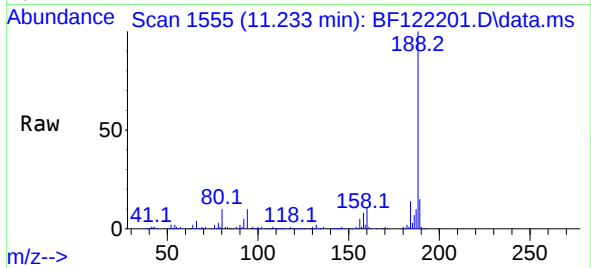
#58
Fluorene
Concen: 2.33 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

Tgt Ion:166 Resp: 27520
Ion Ratio Lower Upper
166 100
165 101.1 79.1 118.7
167 15.0 11.0 16.6

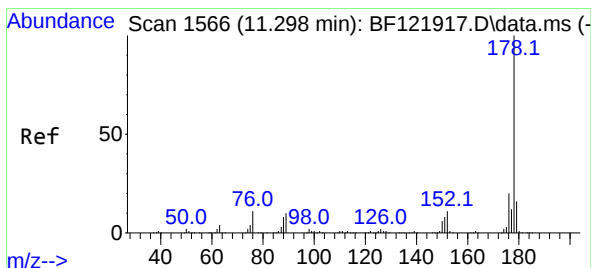
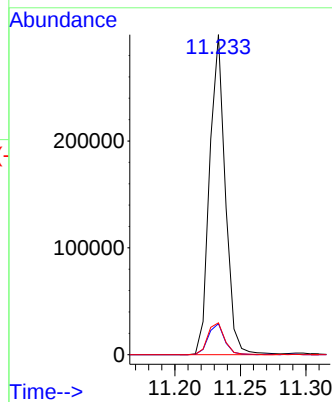
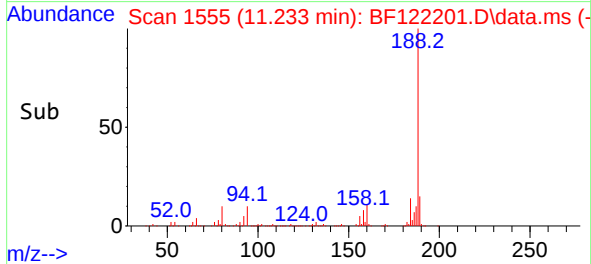




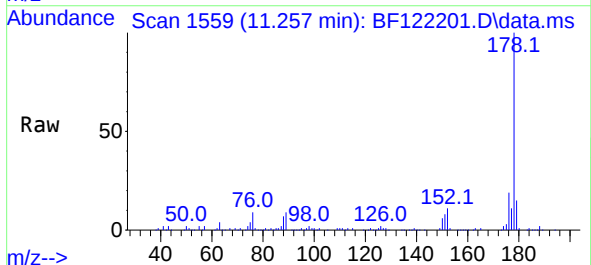
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Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



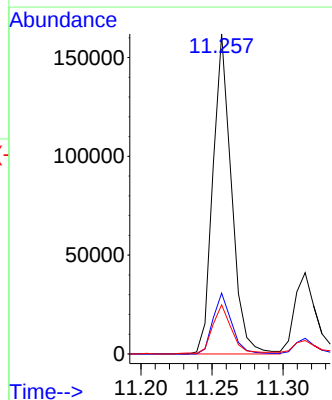
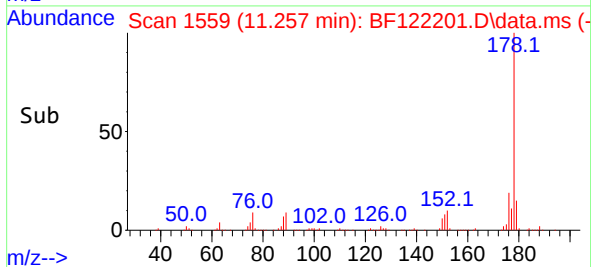
Tgt Ion:188 Resp: 250076
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.0 9.1 13.7



#71
Phenanthrene
Concen: 10.74 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



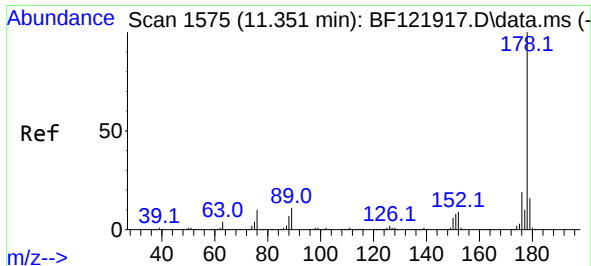
Tgt Ion:178 Resp: 147318
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.3 12.2 18.4



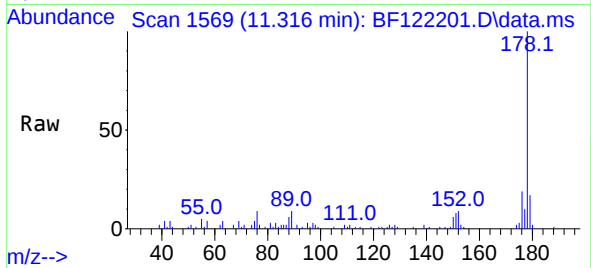
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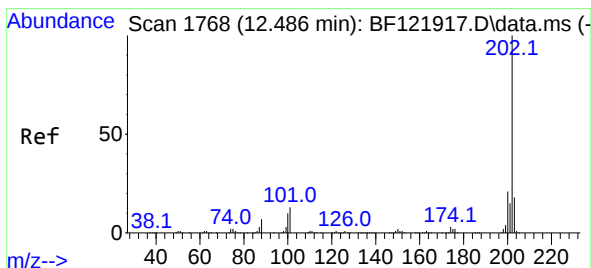
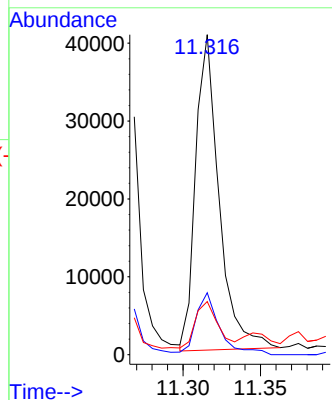
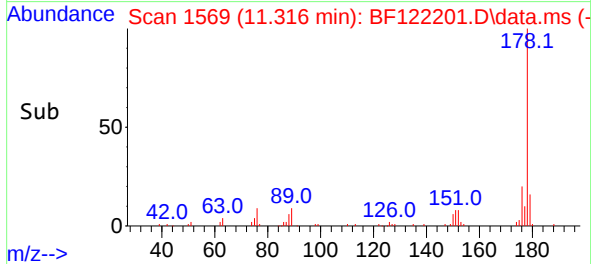
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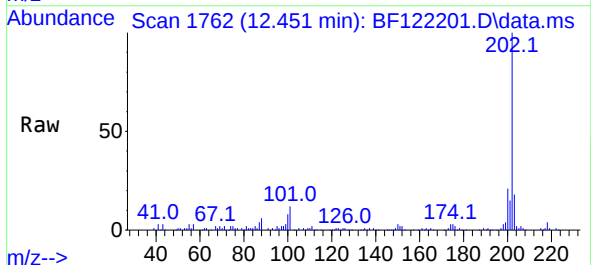
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 Anthracene
 Concen: 3.00 ng
 RT: 11.316 min Scan# 1569
 Delta R.T. -0.000 min
 Lab File: BF122201.D
 Acq: 31 Oct 2020 1:59



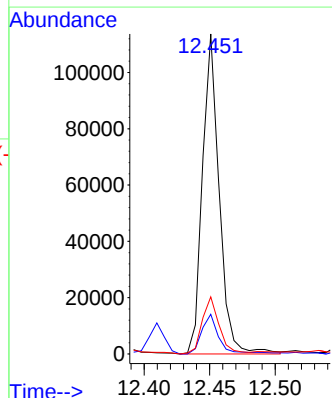
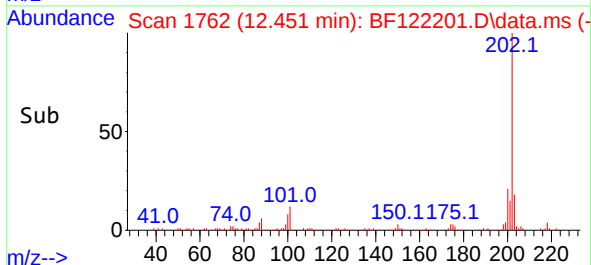
Tgt Ion:178 Resp: 42671
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 16.6 12.7 19.1



#75
 Fluoranthene
 Concen: 6.91 ng
 RT: 12.451 min Scan# 1762
 Delta R.T. -0.000 min
 Lab File: BF122201.D
 Acq: 31 Oct 2020 1:59



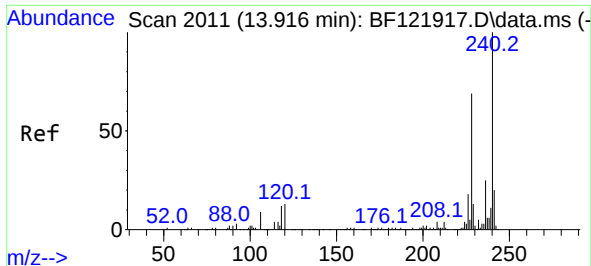
Tgt Ion:202 Resp: 101583
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 33.4
 203 17.9 0.0 37.9



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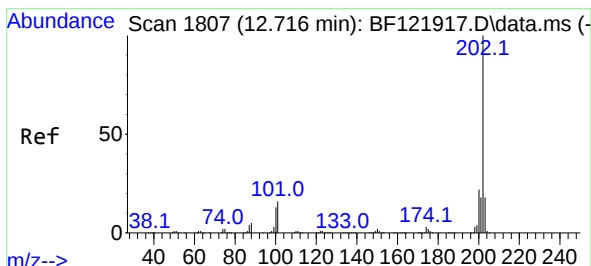
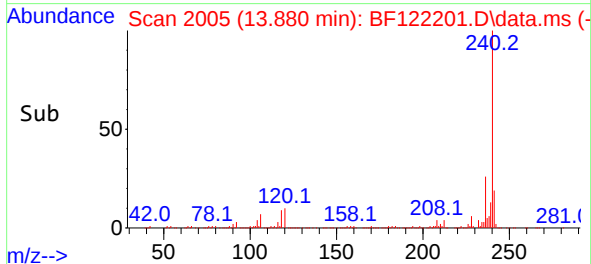
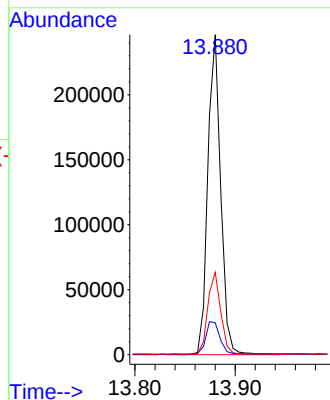
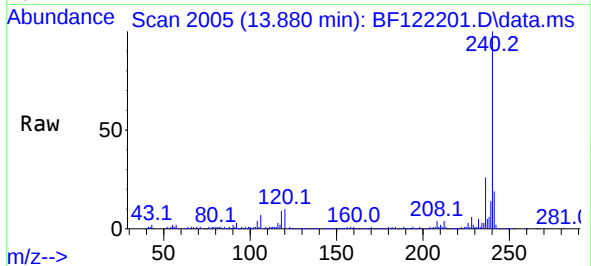
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

Tgt Ion:240 Resp: 220555
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 25.8 20.9 31.3

Instrument :
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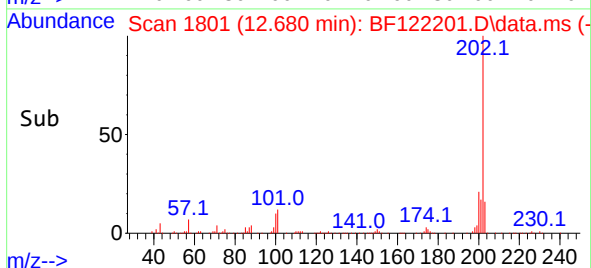
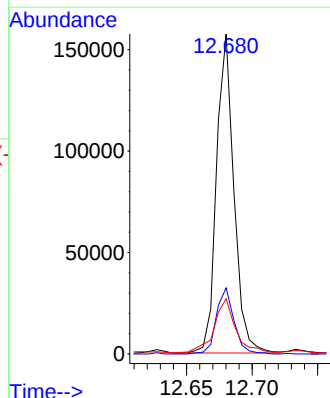
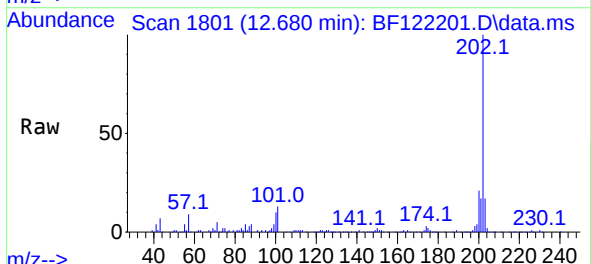
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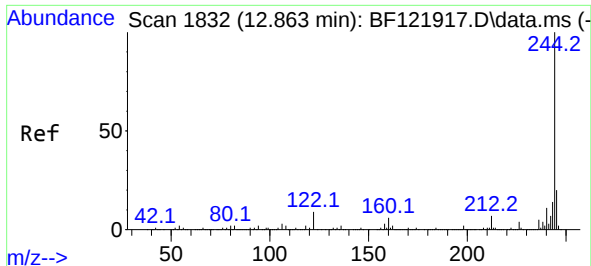
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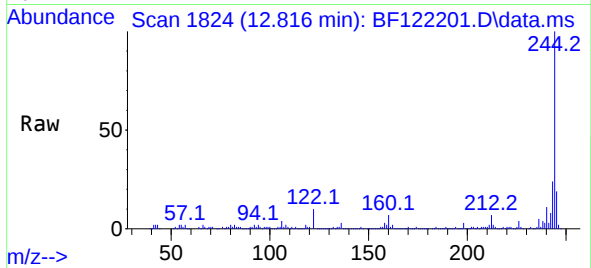
#78
Pyrene
Concen: 8.64 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

Tgt Ion:202 Resp: 145240
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.3 14.6 21.8

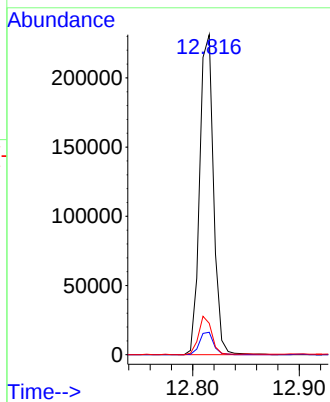
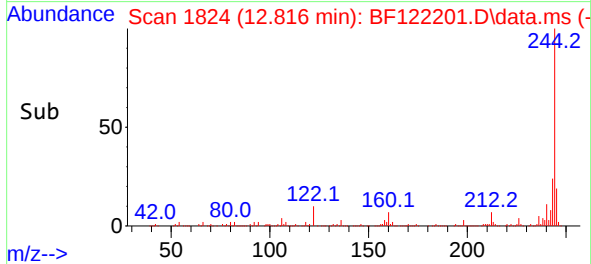




#79
Terphenyl-d14
Concen: 18.10 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



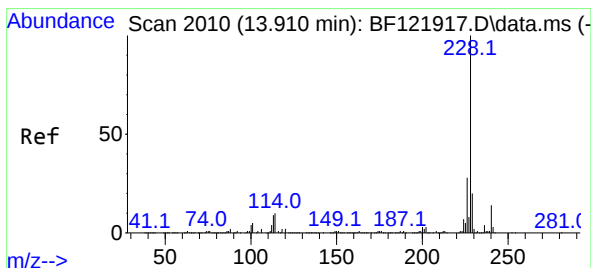
Tgt Ion:244 Resp: 209478
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.8 8.1 12.1



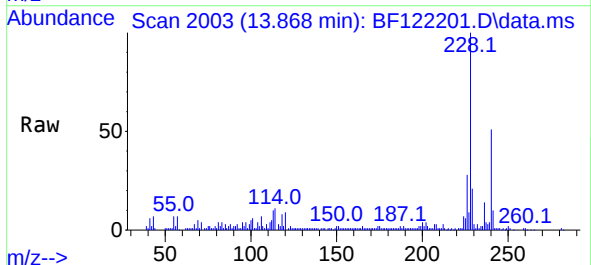
Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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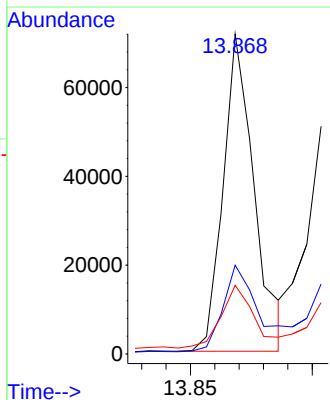
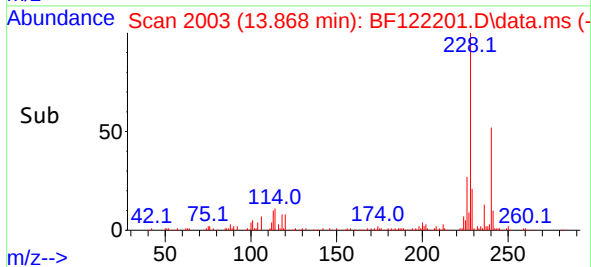
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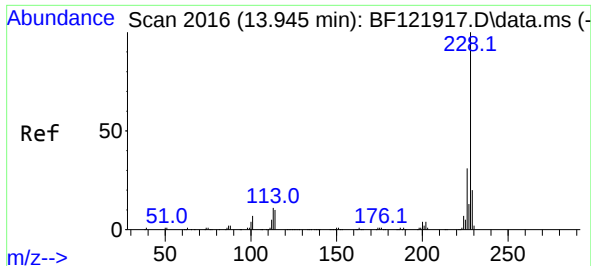


#81
Benzo(a)anthracene
Concen: 4.39 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

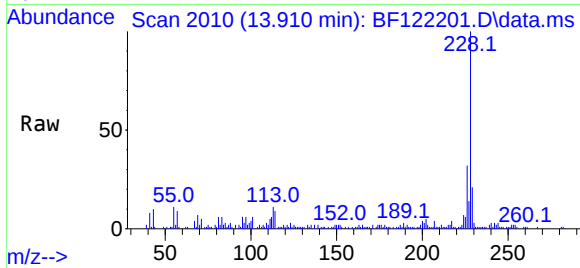


Tgt Ion:228 Resp: 63465
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 21.5 16.2 24.4

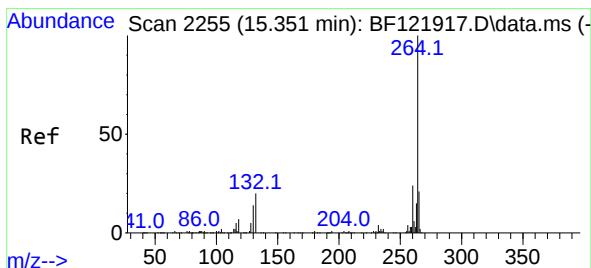
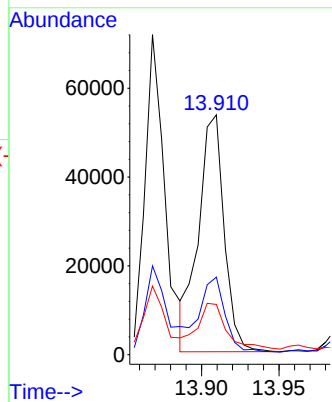
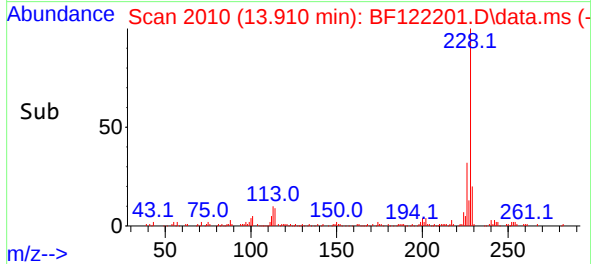




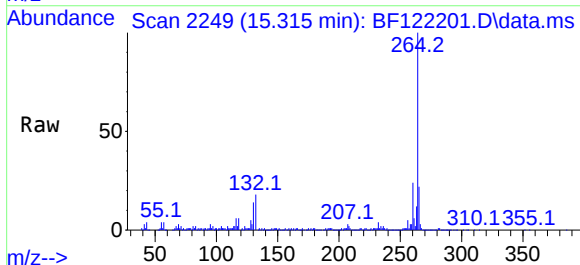
#83
Chrysene
Concen: 4.36 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



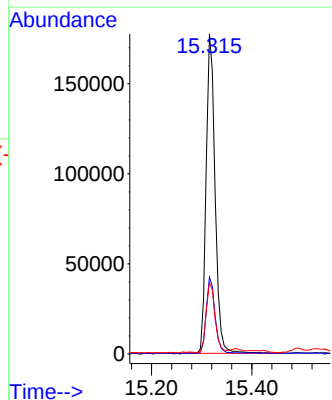
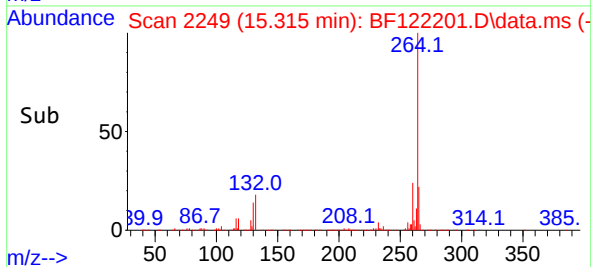
Tgt Ion:228 Resp: 61817
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 21.0 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59



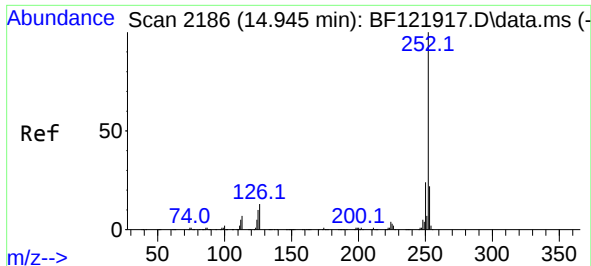
Tgt Ion:264 Resp: 220354
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.3 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
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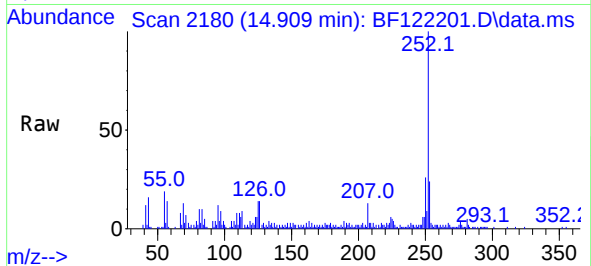
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#88
Benzo(b)fluoranthene
Concen: 3.83 ng m
RT: 14.909 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

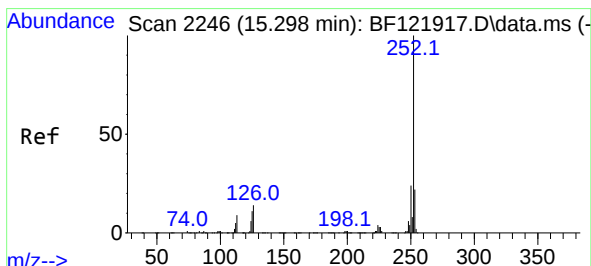
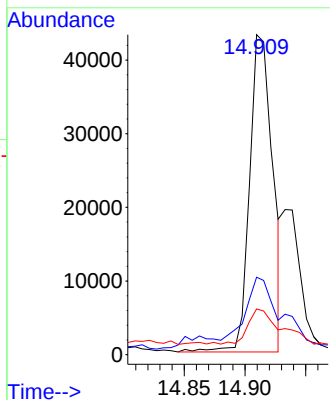
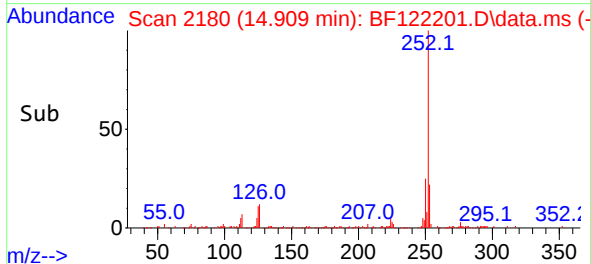
Instrument :
BNA_F
ClientSampleId :
EO-02-102920



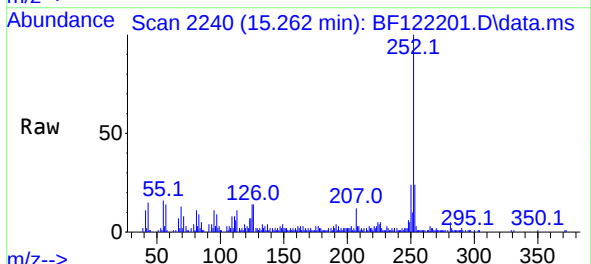
Tgt Ion:252 Resp: 57088
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 14.3 8.0 12.0#

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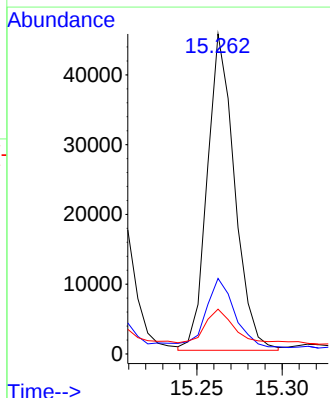
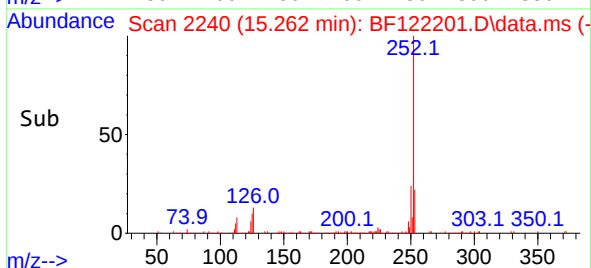
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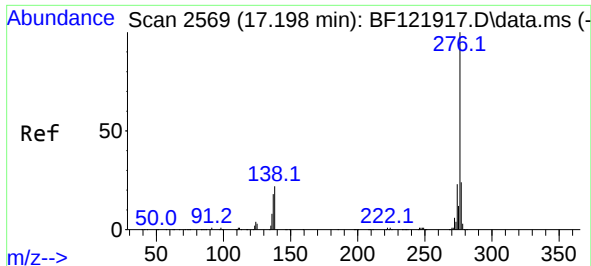


#90
Benzo(a)pyrene
Concen: 3.93 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122201.D
Acq: 31 Oct 2020 1:59

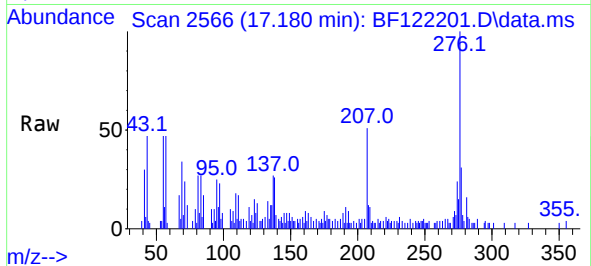


Tgt Ion:252 Resp: 50613
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 14.0 8.6 13.0#

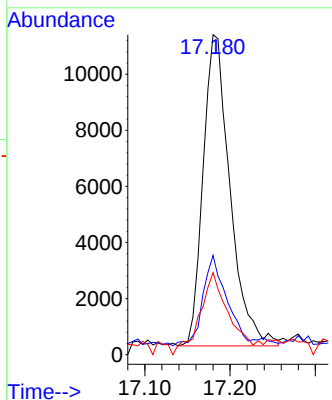
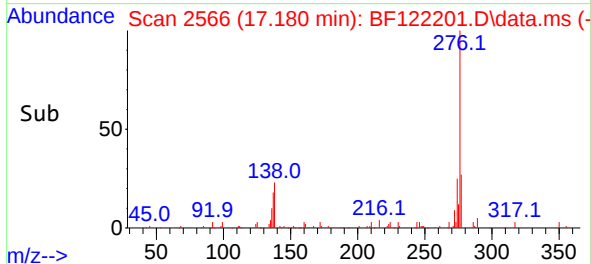




#92
 Benzo(g,h,i)perylene
 Concen: 2.07 ng
 RT: 17.180 min Scan# 2566
 Delta R.T. 0.047 min
 Lab File: BF122201.D
 Acq: 31 Oct 2020 1:59



Tgt Ion:	276	Resp:	24377
Ion Ratio	Lower	Upper	
276	100		
277	31.0	19.4	29.2#
138	25.7	17.8	26.6



Instrument :
 BNA_F
 ClientSampleId :
 EO-02-102920

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