

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
 Data File : BF122468.D
 Acq On : 24 Nov 2020 15:27
 Operator : JU/CG
 Sample : L4858-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHC-340EM-012

Manual Integrations
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Quant Time: Nov 24 16:11:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	187355	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	732126	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	396283	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	686838	20.00	ng	0.00
76) Chrysene-d12	14.027	240	450457	20.00	ng	0.00
86) Perylene-d12	15.498	264	473635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1165490	95.52	ng	0.00
7) Phenol-d6	6.493	99	1505722	94.33	ng	0.00
23) Nitrobenzene-d5	7.416	82	948917	79.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	458443	107.79	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1720322	67.83	ng	0.00
79) Terphenyl-d14	12.974	244	1484246	69.80	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.504	94	180441	11.48	ng	77
20) 3+4-Methylphenols	7.257	107	115538	8.89	ng	# 53
27) 2,4-Dimethylphenol	7.792	122	109283	8.69	ng	96
50) Dimethylphthalate	9.610	163	147986	5.25	ng	98
71) Phenanthrene	11.404	178	227861	5.85	ng	98
75) Fluoranthene	12.598	202	281255	6.91	ng	98
78) Pyrene	12.827	202	255598	8.08	ng	99
81) Benzo(a)anthracene	14.016	228	93571	3.34	ng	93
83) Chrysene	14.051	228	115581	4.10	ng	97
87) Indeno(1,2,3-cd)pyrene	16.957	276	70162	2.47	ng	98
88) Benzo(b)fluoranthene	15.068	252	132137m	4.31	ng	
90) Benzo(a)pyrene	15.433	252	89812	3.36	ng	# 89
92) Benzo(g,h,i)perylene	17.404	276	74770	3.23	ng	99

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

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ALS Vial : 5 Sample Multiplier: 1

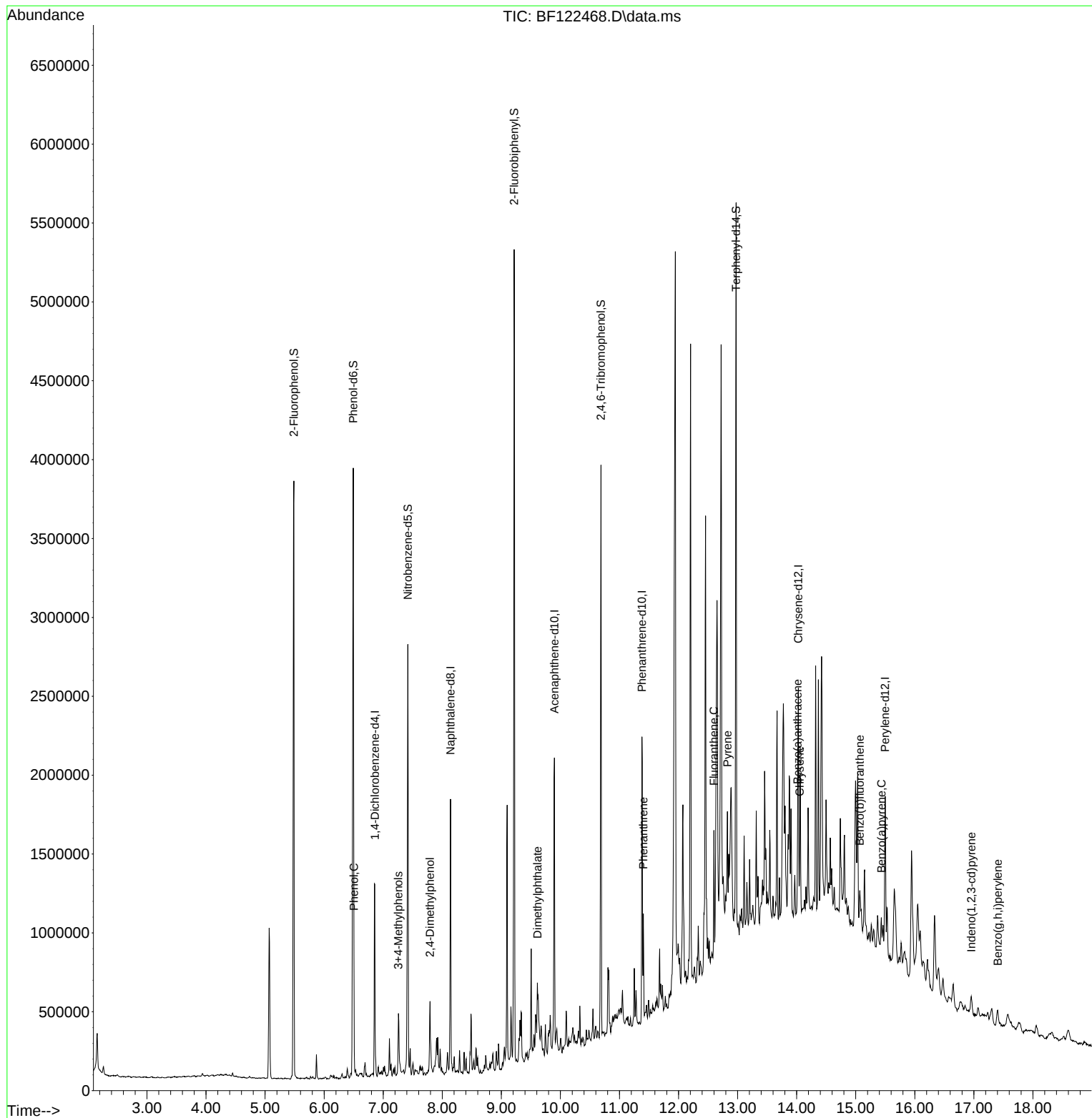
Instrument :
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ClientSampleId :
PHC-340EM-012

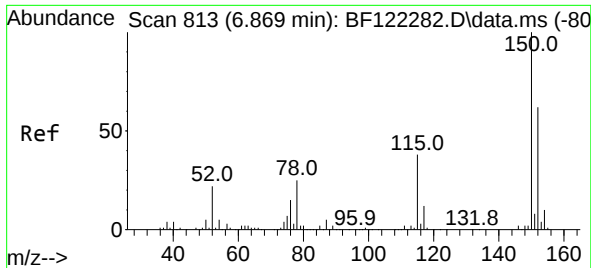
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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QLast Update : Tue Nov 24 14:38:56 2020
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

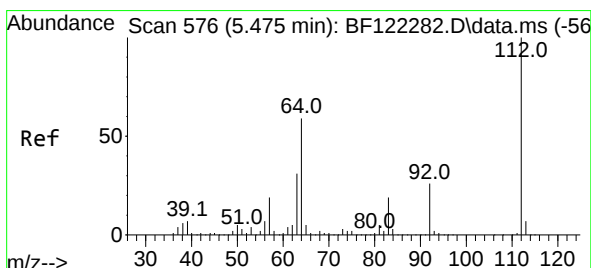
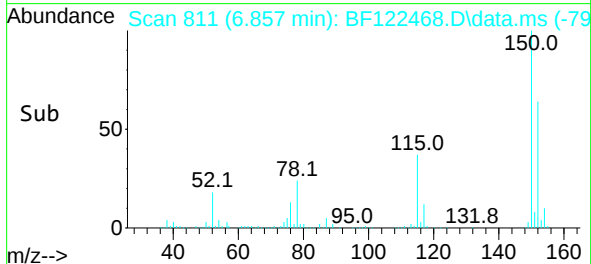
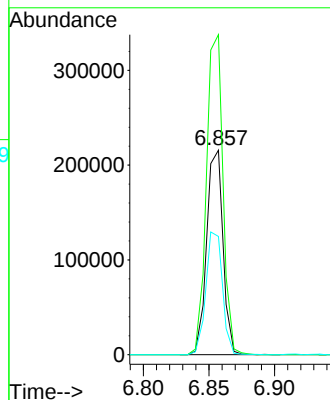
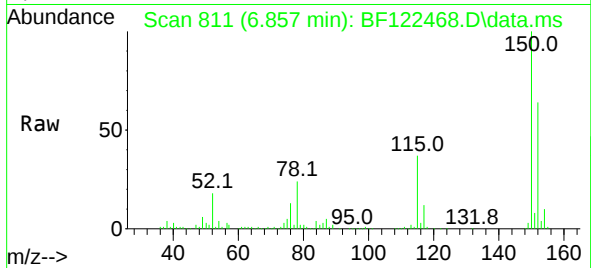
Tgt Ion:152 Resp: 187355
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 57.9 51.9 77.9

Instrument :
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ClientSampleId :
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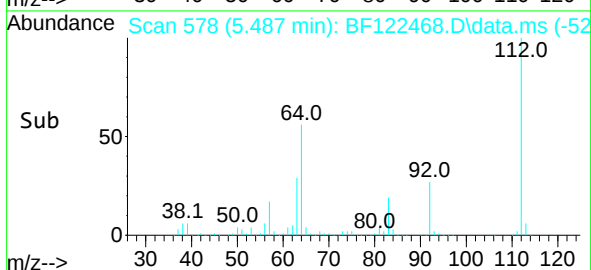
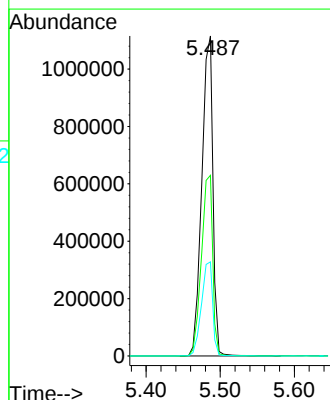
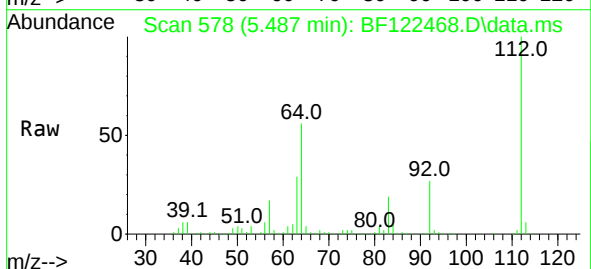
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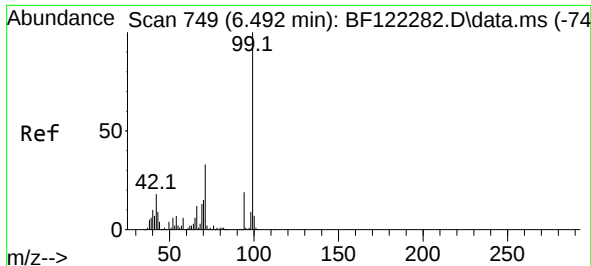
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#5
2-Fluorophenol
Concen: 95.52 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion:112 Resp: 1165490
Ion Ratio Lower Upper
112 100
64 56.4 50.4 75.6
63 29.4 25.8 38.6





#7
Phenol-d6
Concen: 94.33 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion: 99 Resp: 1505722

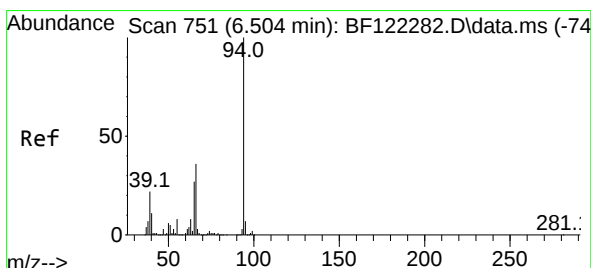
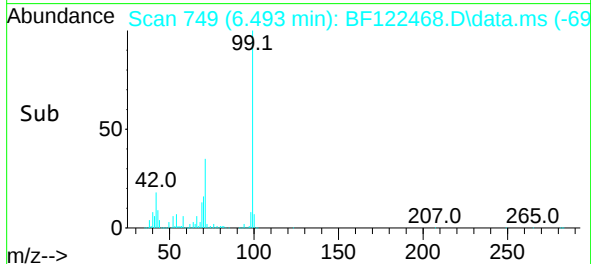
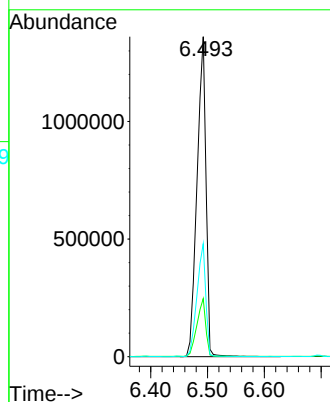
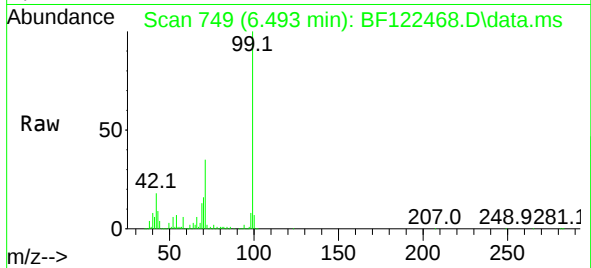
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.9	23.9
71	35.3	27.1	40.7

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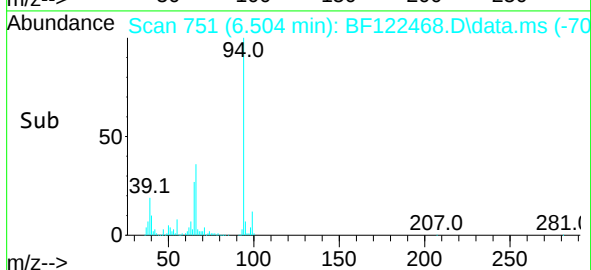
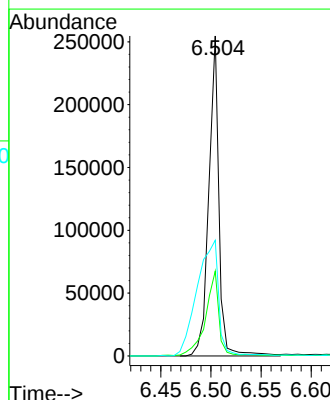
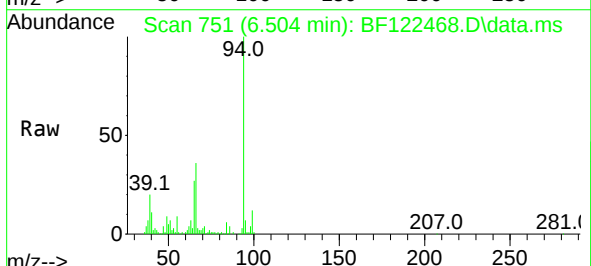
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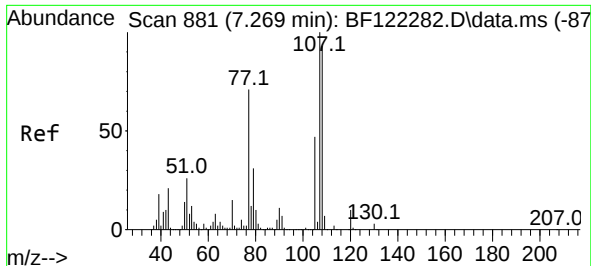


#10
Phenol
Concen: 11.48 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

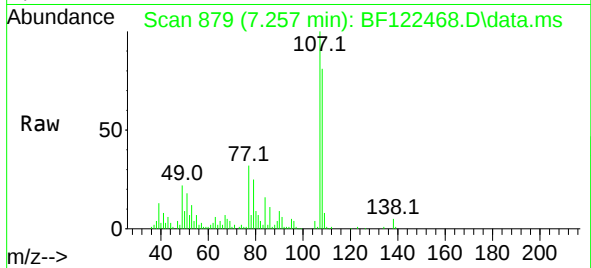
Tgt Ion: 94 Resp: 180441

Ion	Ratio	Lower	Upper
94	100		
65	26.5	17.1	57.1
66	36.2	36.0	76.0

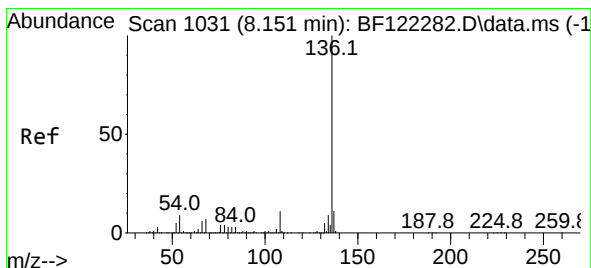
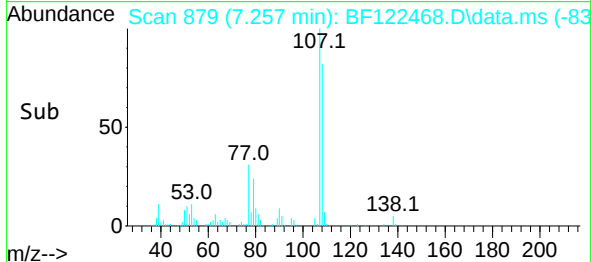
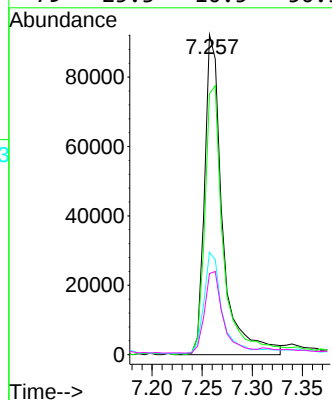




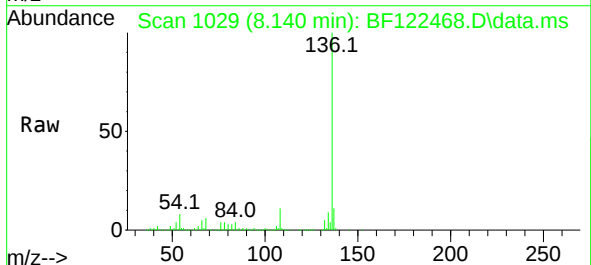
#20
3+4-Methylphenols
Concen: 8.89 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



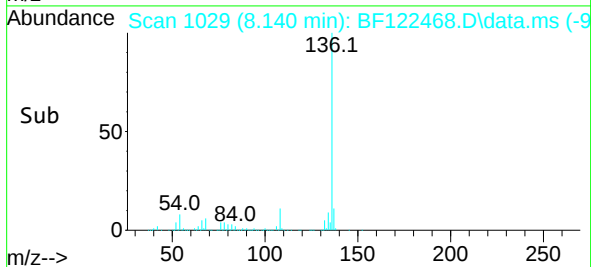
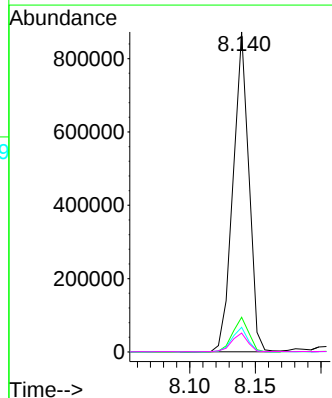
Tgt Ion:107 Resp: 115538
Ion Ratio Lower Upper
107 100
108 81.5 68.9 108.9
77 32.0 108.0 148.0#
79 25.3 10.5 50.5



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



Tgt Ion:136 Resp: 732126
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 7.1 10.7
68 5.9 5.0 7.4

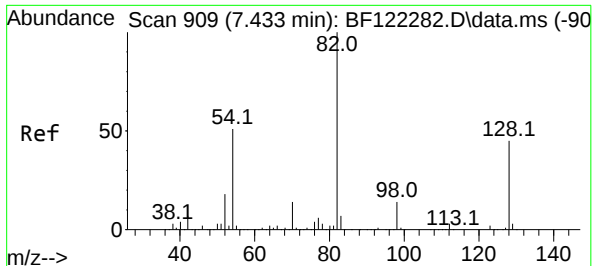


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#23
Nitrobenzene-d5
Concen: 79.35 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

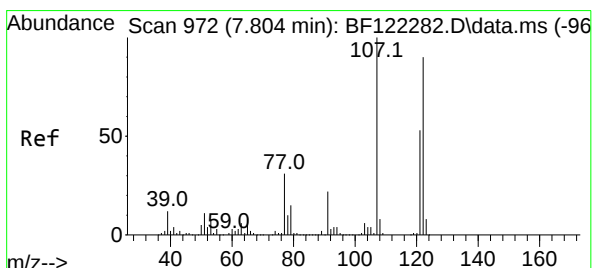
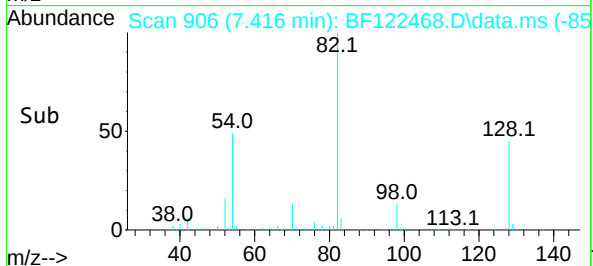
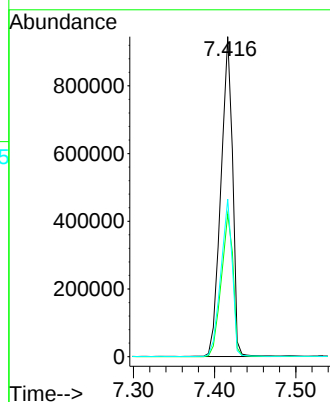
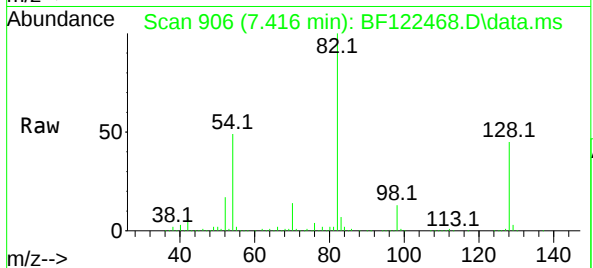
Tgt Ion: 82 Resp: 948917
Ion Ratio Lower Upper
82 100
128 44.6 35.0 52.4
54 49.2 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
PHC-340EM-012

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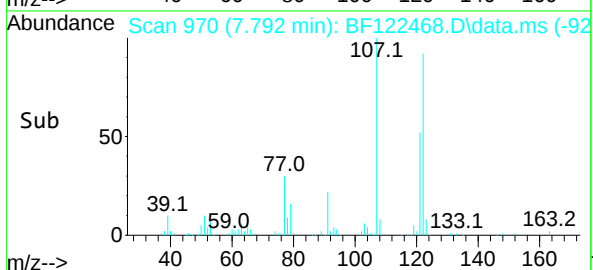
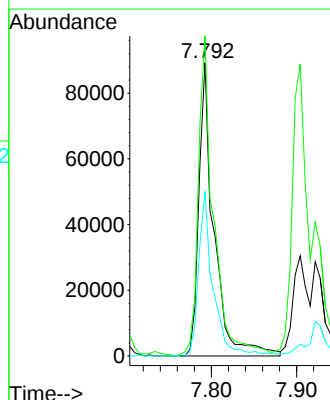
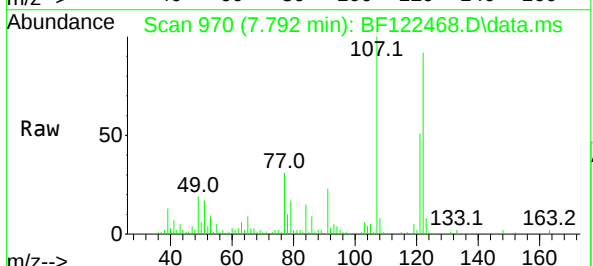
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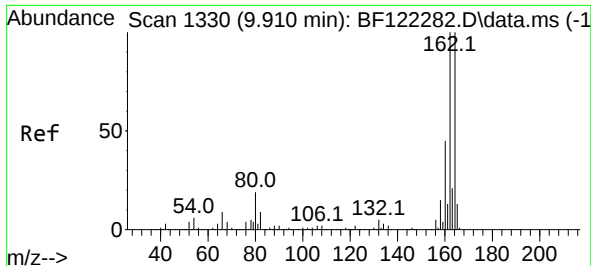
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#27
2,4-Dimethylphenol
Concen: 8.69 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion: 122 Resp: 109283
Ion Ratio Lower Upper
122 100
107 109.1 90.8 136.2
121 56.2 47.5 71.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF122468.D

Acq: 24 Nov 2020 15:27

Tgt Ion:164 Resp: 396283

Ion Ratio Lower Upper

164 100

162 104.1 83.2 124.8

160 45.8 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

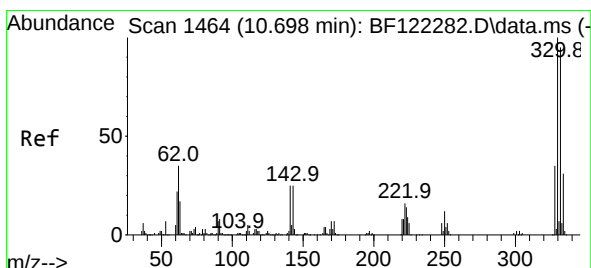
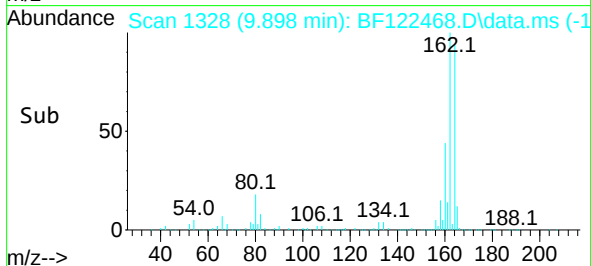
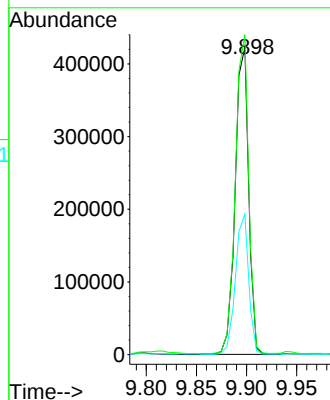
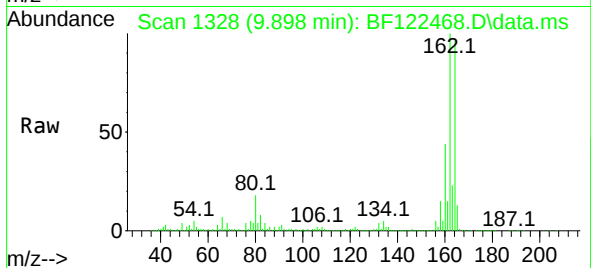
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#42

2,4,6-Tribromophenol

Concen: 107.79 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF122468.D

Acq: 24 Nov 2020 15:27

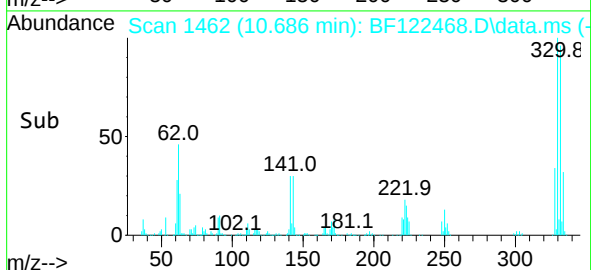
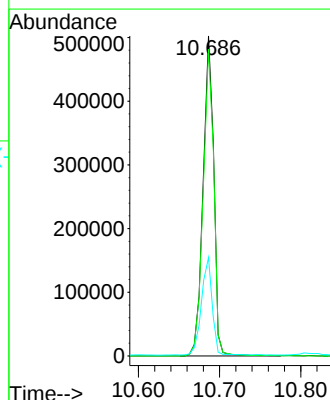
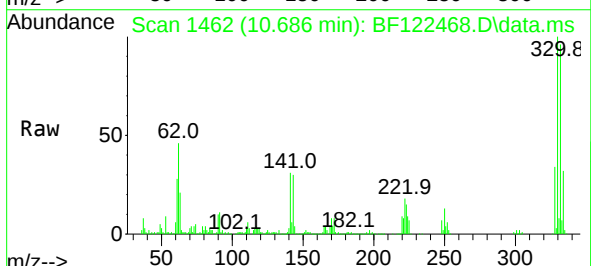
Tgt Ion:330 Resp: 458443

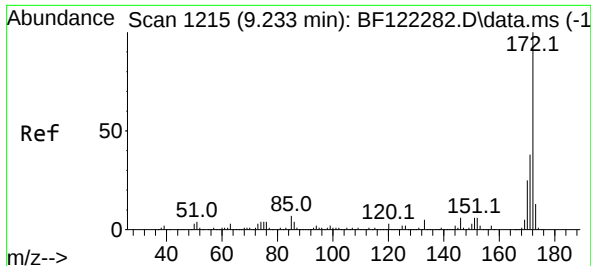
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 30.9 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 67.83 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

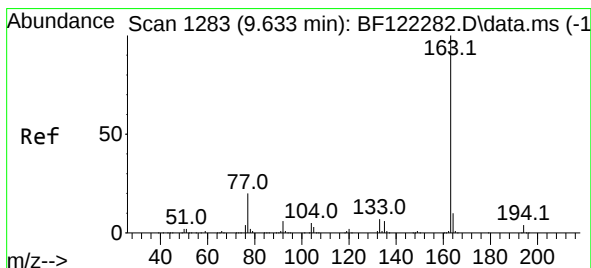
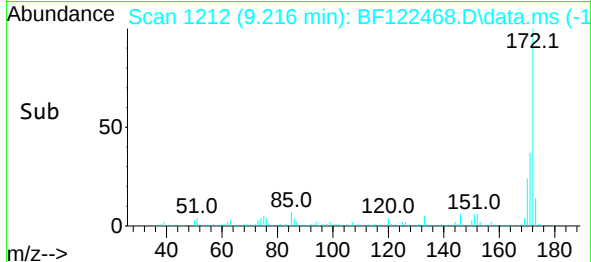
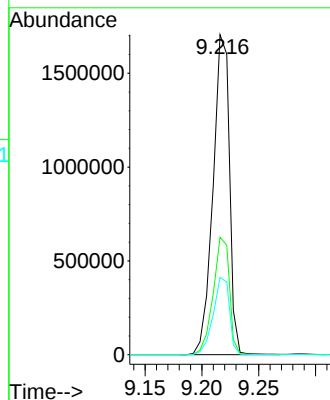
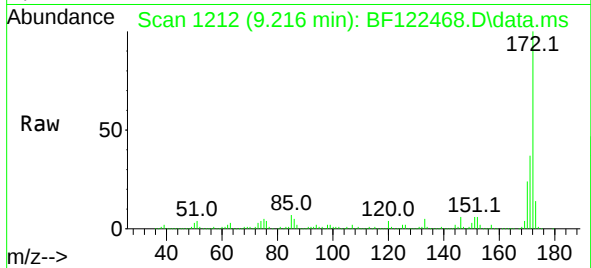
Tgt Ion:172 Resp: 1720322

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	24.1	19.8	29.6

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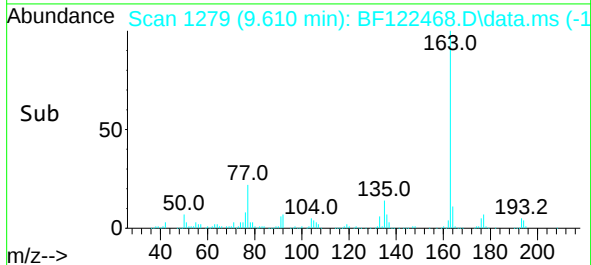
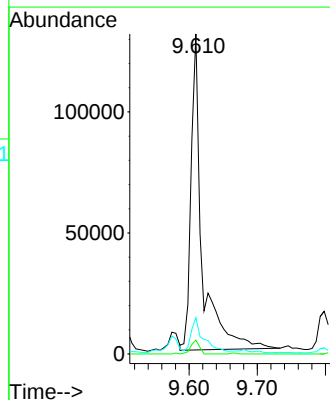
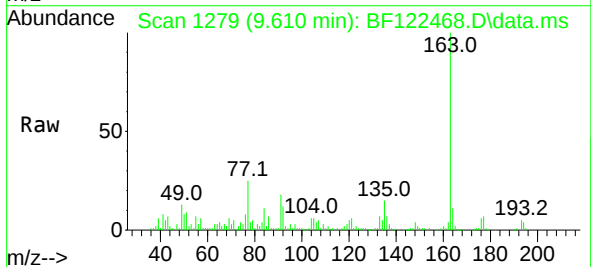
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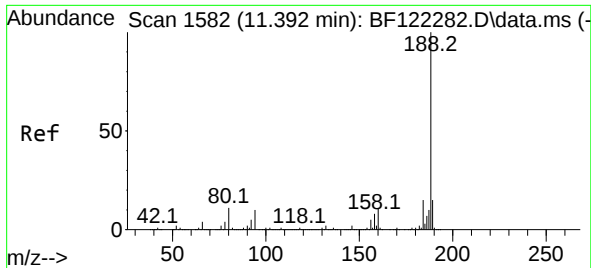


#50
Dimethylphthalate
Concen: 5.25 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion:163 Resp: 147986

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	11.3	8.2	12.4





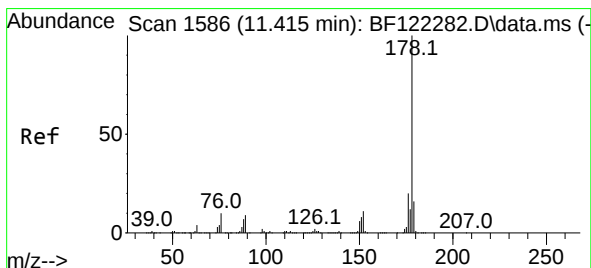
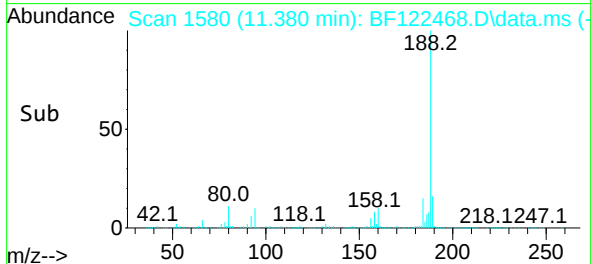
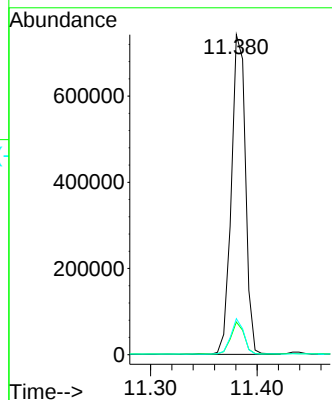
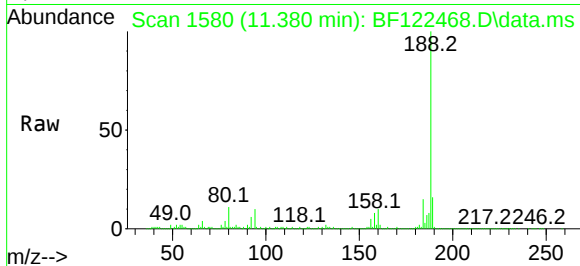
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion:188 Resp: 686838
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.3 9.1 13.7

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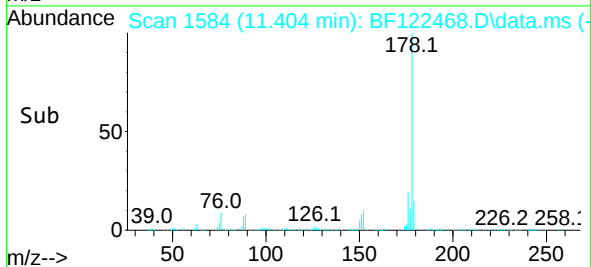
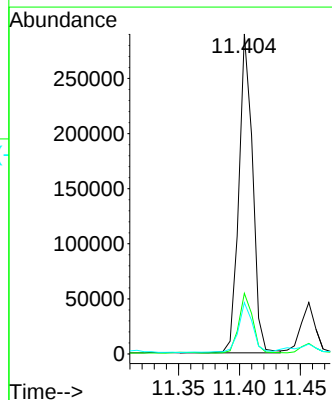
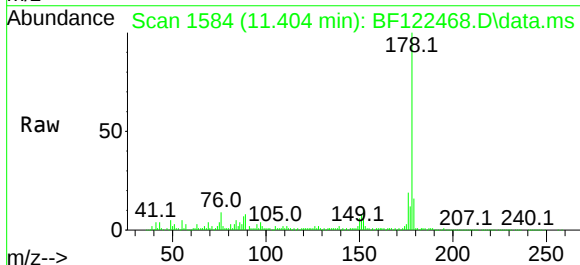
Manual Integrations
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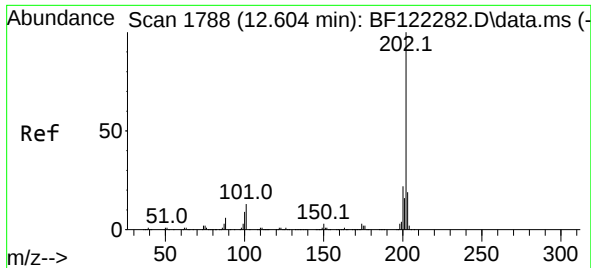
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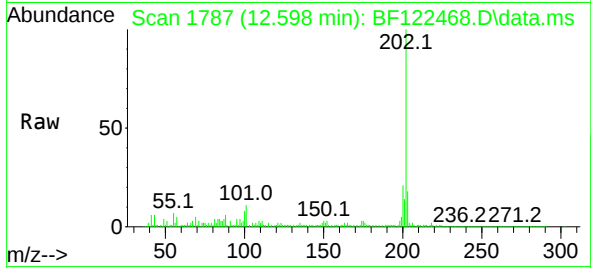
#71
Phenanthrene
Concen: 5.85 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122468.D
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Tgt Ion:178 Resp: 227861
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 16.0 12.2 18.4

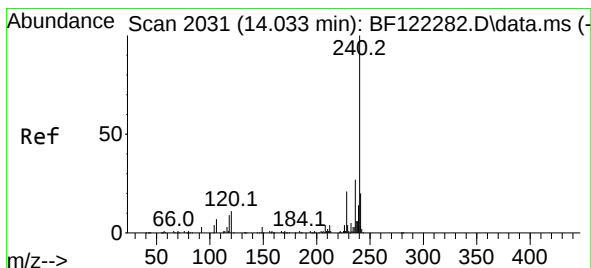
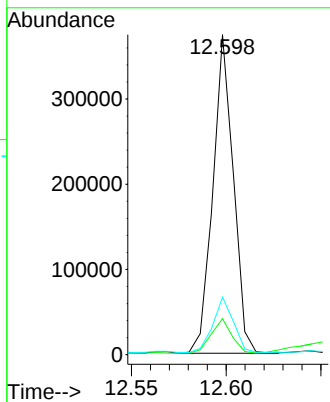
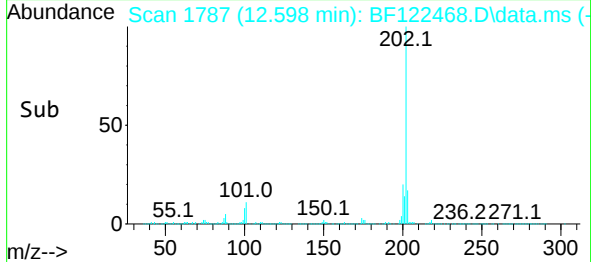




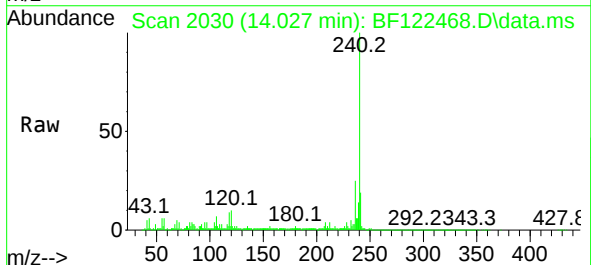
#75
Fluoranthene
Concen: 6.91 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



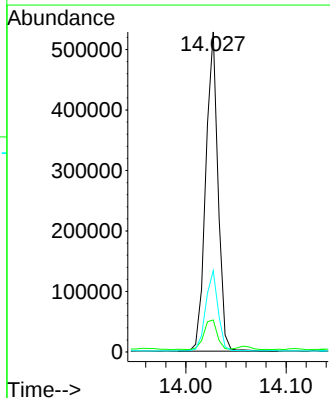
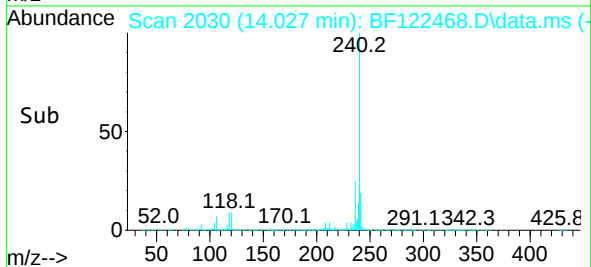
Tgt Ion:202 Resp: 281255
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.4
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



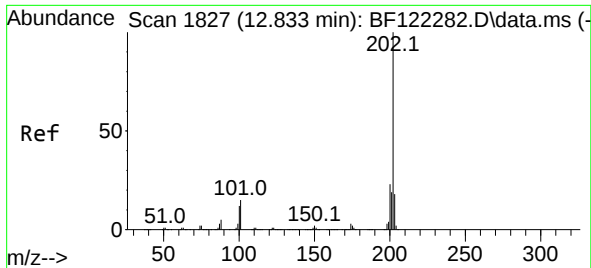
Tgt Ion:240 Resp: 450457
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 25.4 20.9 31.3



Instrument :
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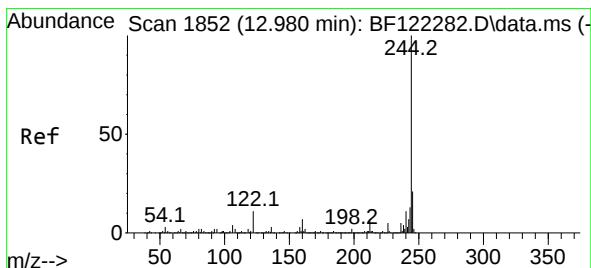
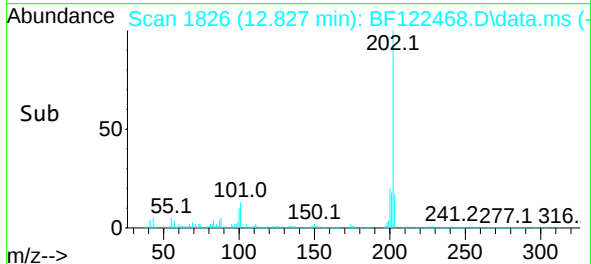
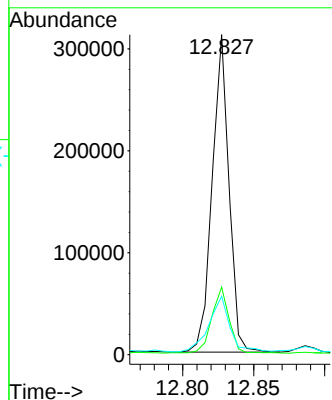
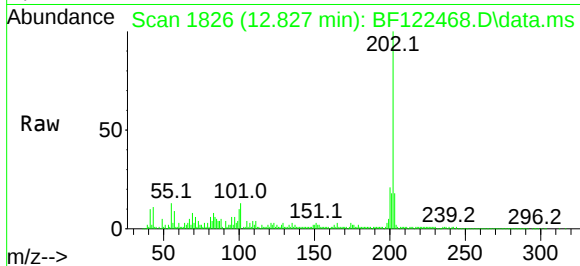
#78
Pyrene
Concen: 8.08 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion:202 Resp: 255598
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.2 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
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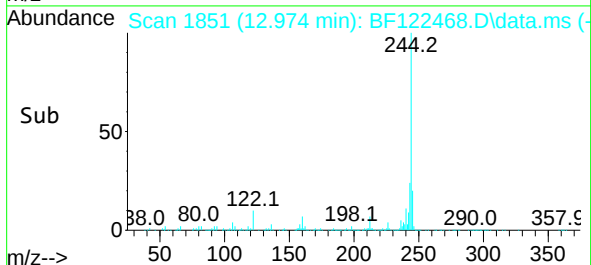
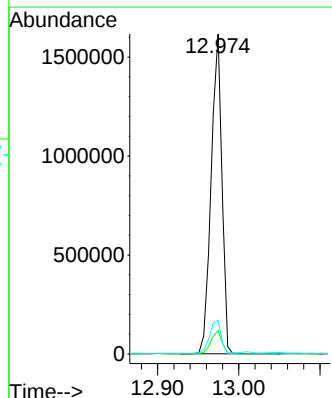
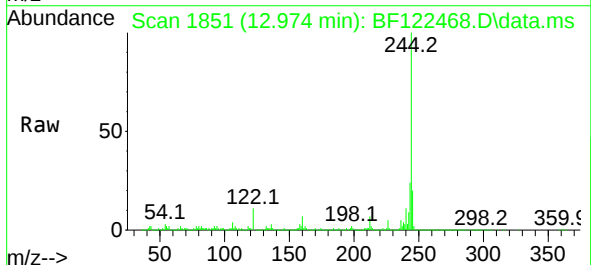
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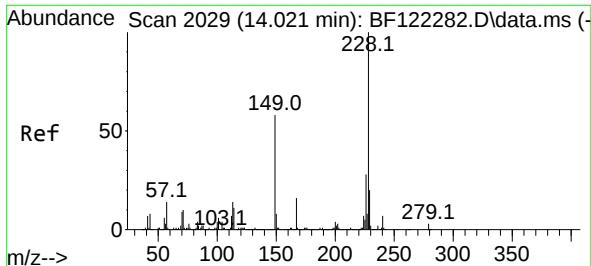
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#79
Terphenyl-d14
Concen: 69.80 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion:244 Resp: 1484246
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.5 8.1 12.1





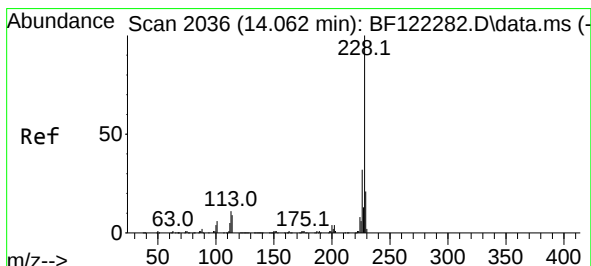
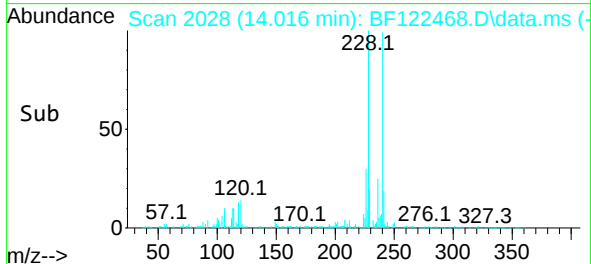
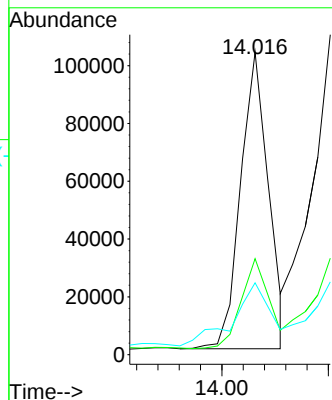
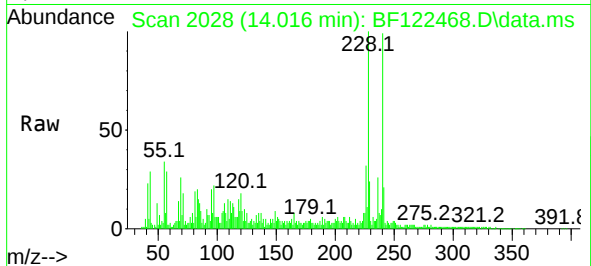
#81
Benzo(a)anthracene
Concen: 3.34 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion:228 Resp: 93571
Ion Ratio Lower Upper
228 100
226 31.7 22.3 33.5
229 23.7 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
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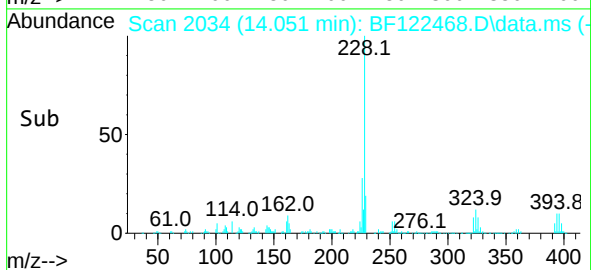
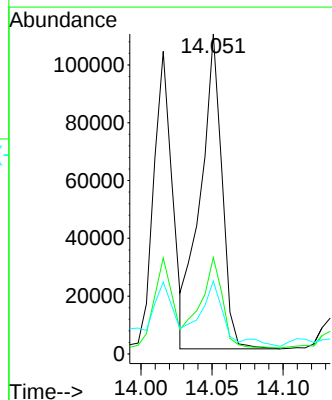
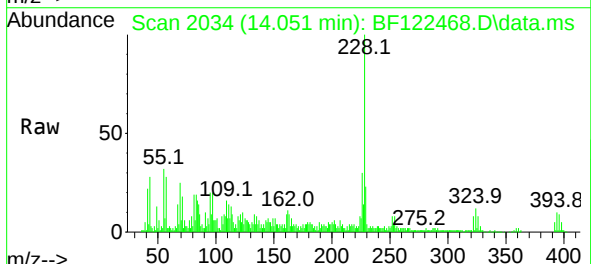
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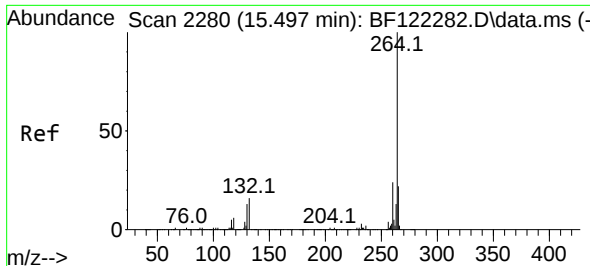
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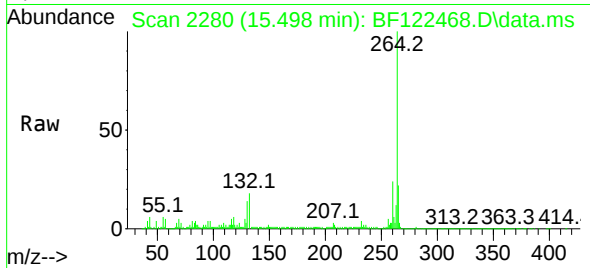
#83
Chrysene
Concen: 4.10 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27

Tgt Ion:228 Resp: 115581
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 22.7 15.9 23.9

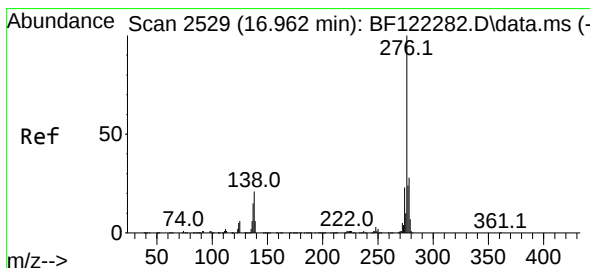
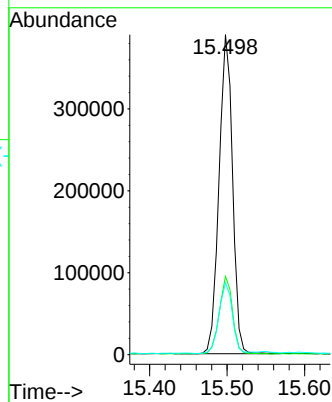
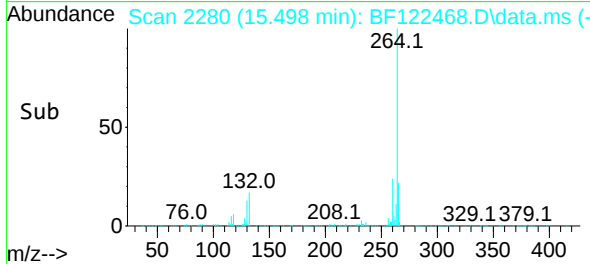




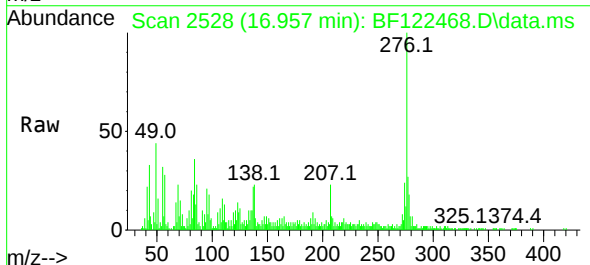
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



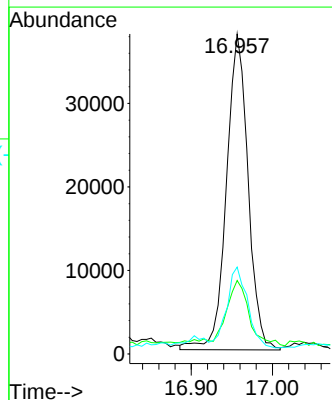
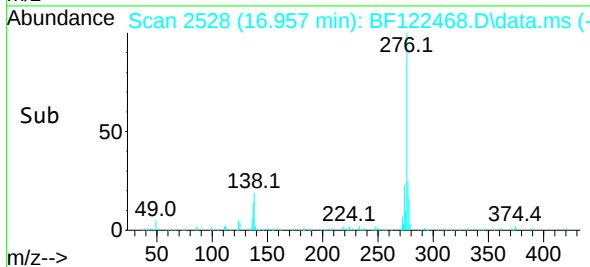
Tgt Ion:264 Resp: 473635
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.4 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.47 ng
RT: 16.957 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



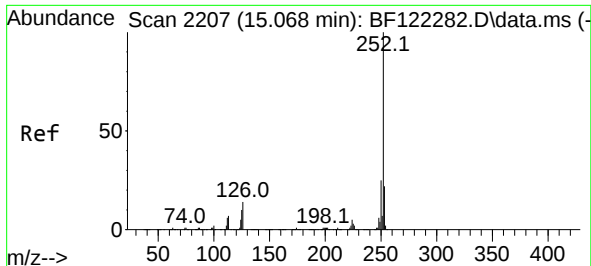
Tgt Ion:276 Resp: 70162
Ion Ratio Lower Upper
276 100
138 23.4 19.9 29.9
277 24.7 20.4 30.6



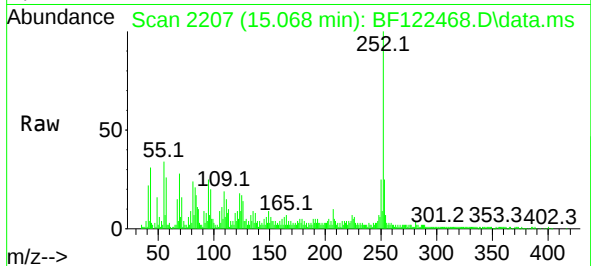
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-012

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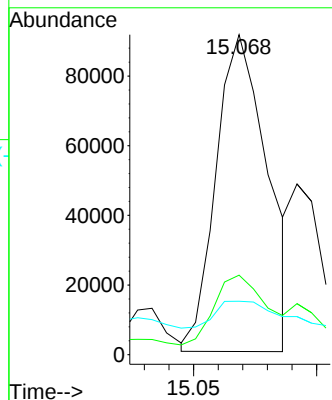
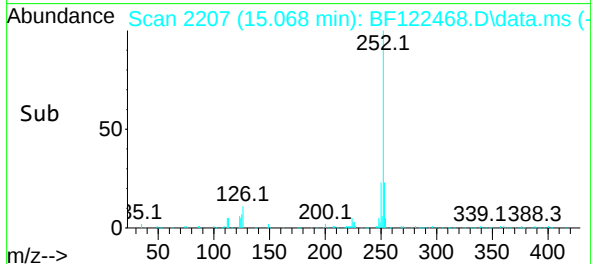
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#88
Benzo(b)fluoranthene
Concen: 4.31 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



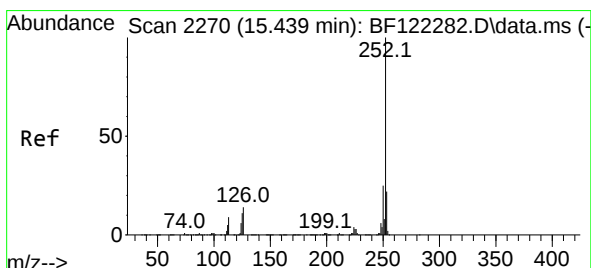
Tgt Ion:252 Resp: 132137
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.2
125 16.7 8.0 12.0#



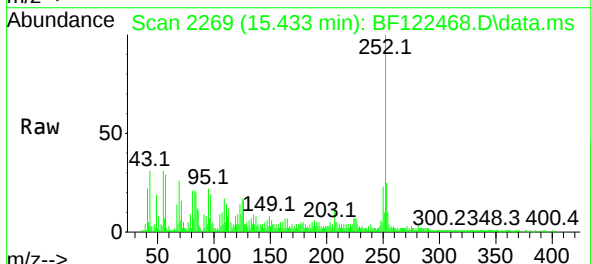
Instrument :
BNA_F
ClientSampleId :
PHC-340EM-012

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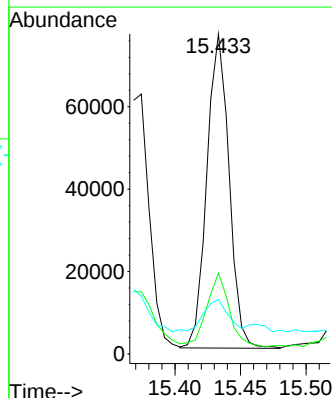
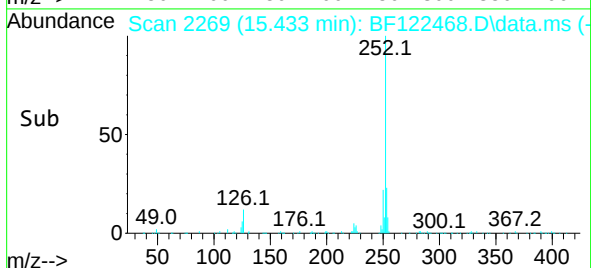
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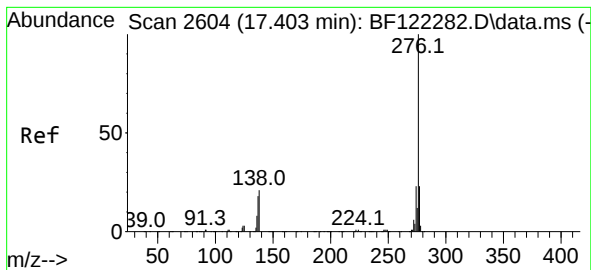


#90
Benzo(a)pyrene
Concen: 3.36 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF122468.D
Acq: 24 Nov 2020 15:27



Tgt Ion:252 Resp: 89812
Ion Ratio Lower Upper
252 100
253 25.3 17.3 25.9
125 17.0 8.6 13.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.23 ng
 RT: 17.404 min Scan# 2604
 Delta R.T. -0.018 min
 Lab File: BF122468.D
 Acq: 24 Nov 2020 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.2
138	22.0	17.8	26.6

Instrument :
 BNA_F
 ClientSampleId :
 PHC-340EM-012

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