

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016799.D
 Acq On : 07 Oct 2021 04:20
 Operator : CG/JU
 Sample : M4080-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Manual Integrations
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 10/7/2021 8:51:44 AM

Quant Time: Oct 07 05:01:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19017	0.40	ng	0.00
7) Naphthalene-d8	10.394	136	89305	0.40	ng	-0.01
13) Acenaphthene-d10	14.259	164	51305	0.40	ng	0.00
19) Phenanthrene-d10	17.020	188	102432	0.40	ng	0.00
29) Chrysene-d12	21.225	240	106578	0.40	ng	# 0.00
35) Perylene-d12	23.476	264	112960	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	6839	0.14	ng	0.02
5) Phenol-d6	6.821	99	4560	0.08	ng	0.00
8) Nitrobenzene-d5	8.771	82	16669	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.997	152	42591	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.769	330	10511	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.889	172	55195	0.27	ng	0.00
27) Fluoranthene-d10	19.061	212	120171	0.43	ng	0.00
31) Terphenyl-d14	19.671	244	99407	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	302	0.03	ng	# 83
9) Naphthalene	10.444	128	88297	0.36	ng	99
24) Pentachlorophenol	16.667	266	460	0.35	ng	97
25) Phenanthrene	17.057	178	12641m	0.04	ng	
28) Fluoranthene	19.091	202	9369	0.03	ng	98
30) Pyrene	19.453	202	7810	0.02	ng	# 92
32) Benzo(a)anthracene	21.215	228	6953	0.02	ng	# 92
33) Chrysene	21.257	228	7182	0.02	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.162	149	50267	0.25	ng	99
36) Indeno(1,2,3-cd)pyrene	25.752	276	7394	0.02	ng	96
37) Benzo(b)fluoranthene	22.801	252	7906	0.02	ng	# 64
39) Benzo(a)pyrene	23.376	252	6584	0.02	ng	# 53
41) Benzo(g,h,i)perylene	26.447	276	6719	0.02	ng	# 86

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

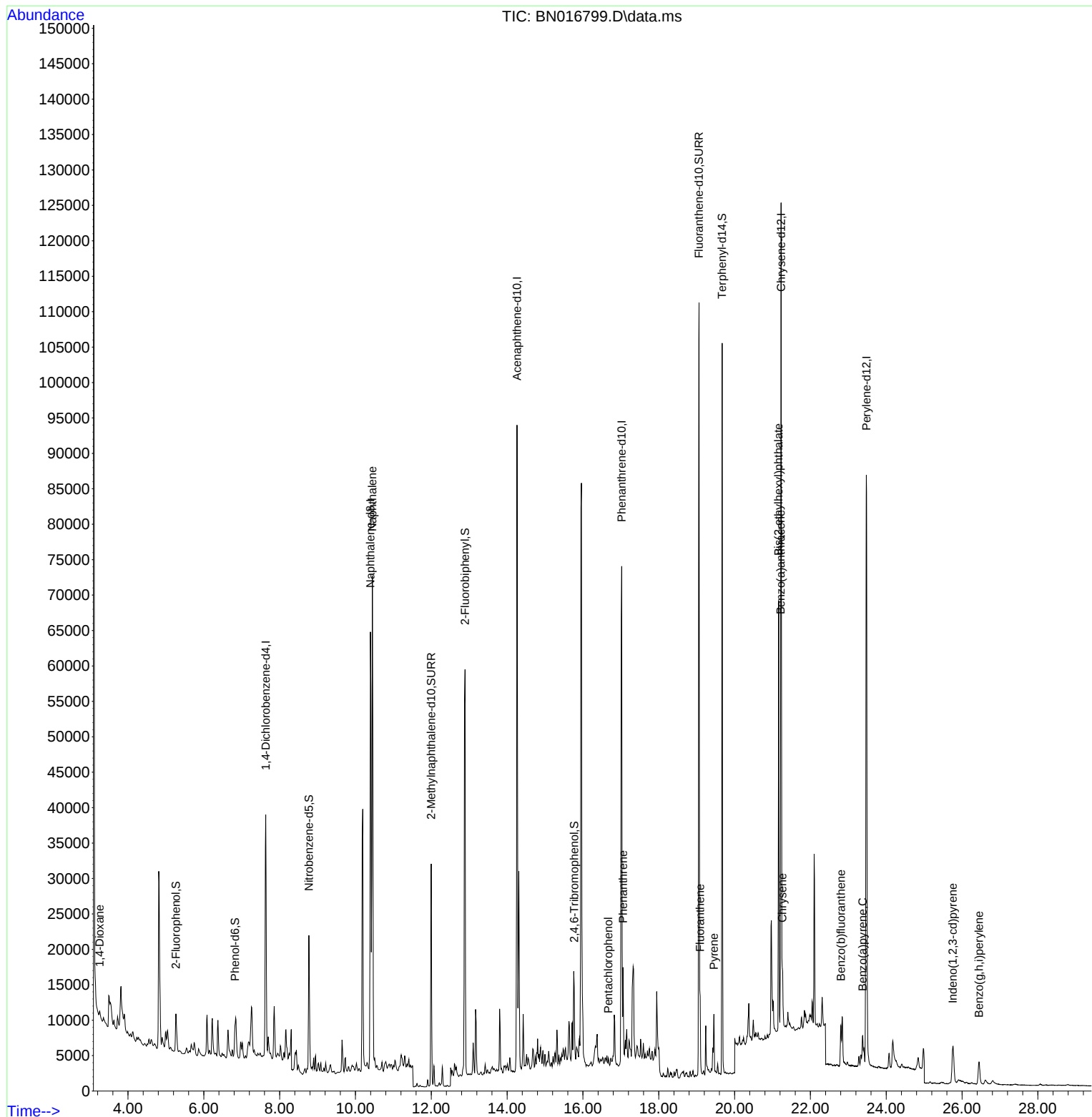
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Data File : BN016799.D
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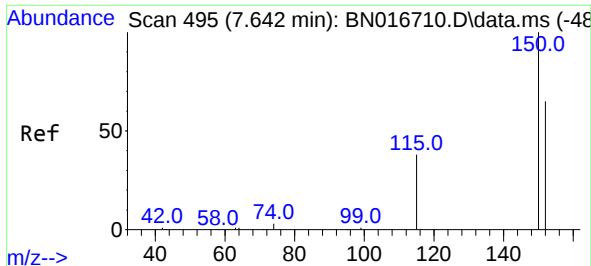
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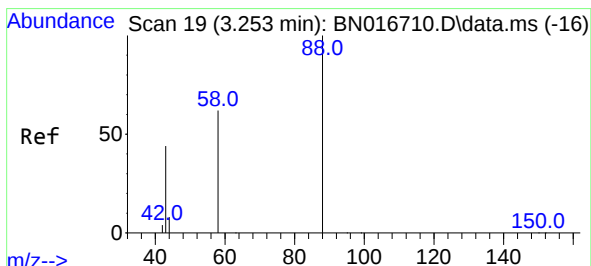
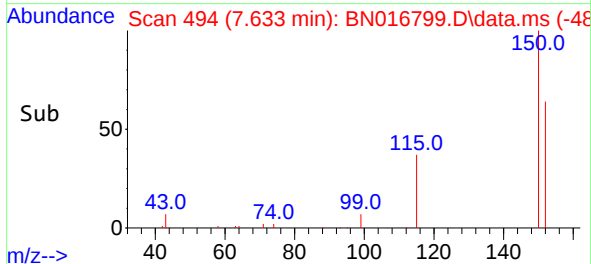
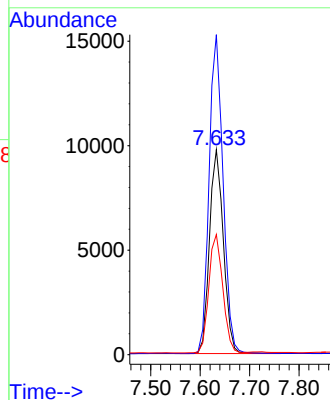
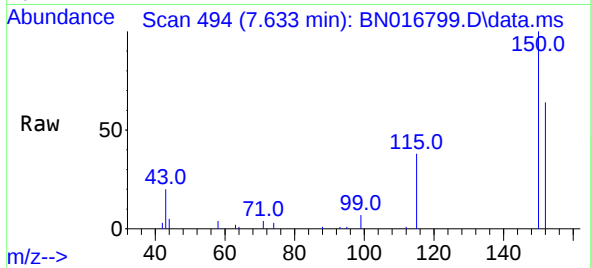
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.633 min Scan# 494
Delta R.T. -0.000 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion: 152 Resp: 19017
Ion Ratio Lower Upper
152 100
150 156.1 123.3 184.9
115 58.6 47.0 70.6

Instrument :
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SW-RR-03-(SA)

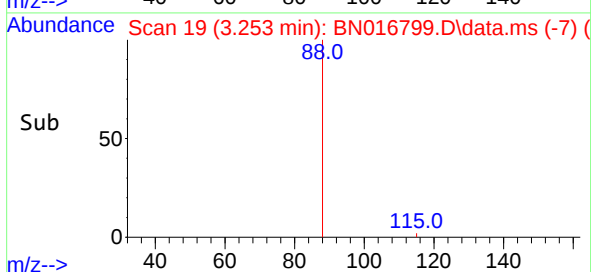
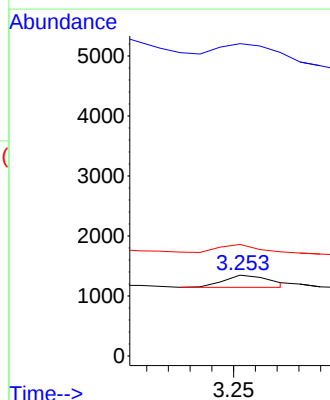
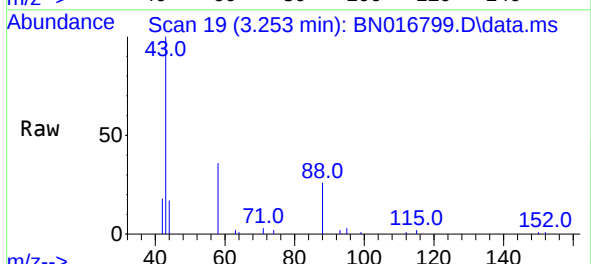
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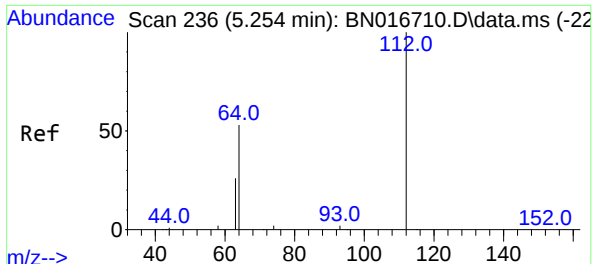
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#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.009 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion: 88 Resp: 302
Ion Ratio Lower Upper
88 100
43 81.1 61.7 92.5
58 52.0 62.2 93.2#





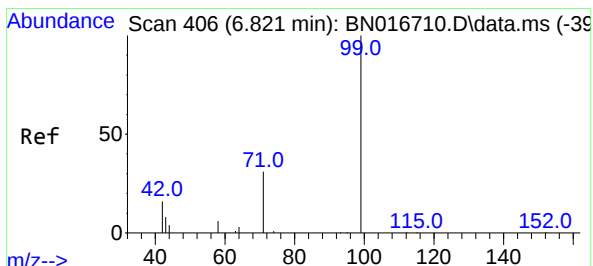
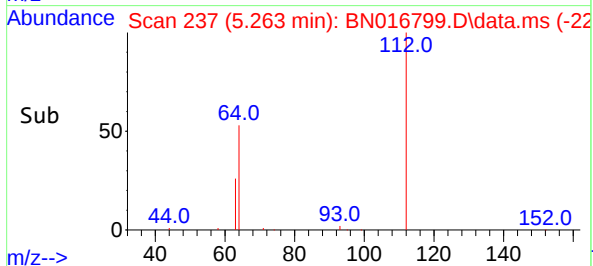
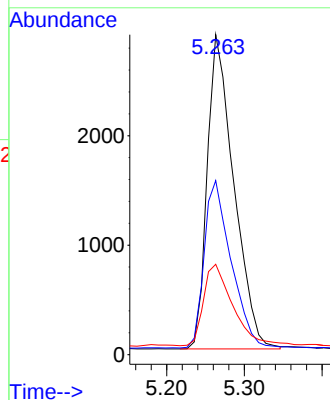
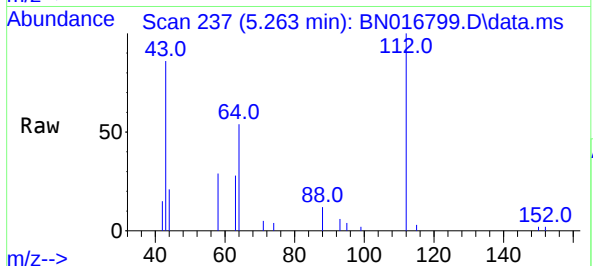
#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:	112	Resp:	6839
Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.9	64.3
63	28.4	21.5	32.3

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SW-RR-03-(SA)

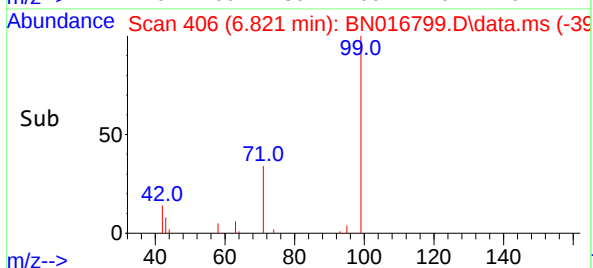
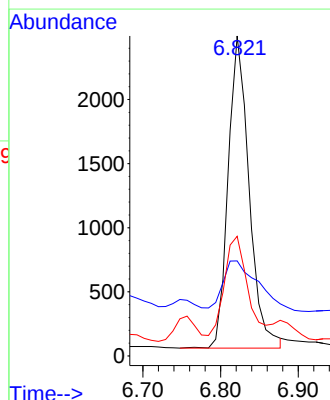
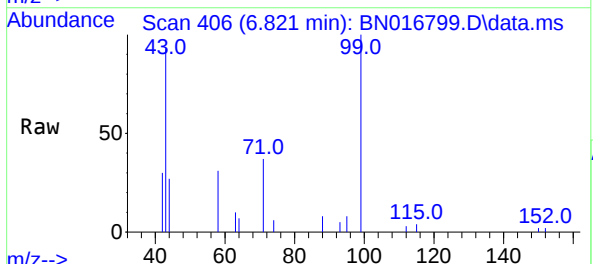
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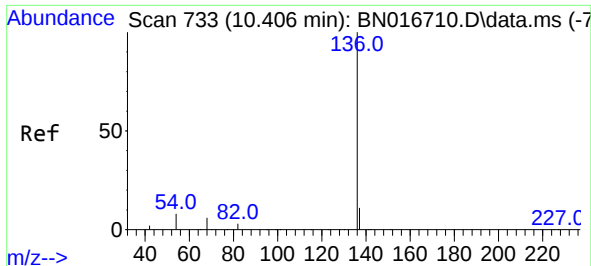
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#5
Phenol-d6
Concen: 0.08 ng
RT: 6.821 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

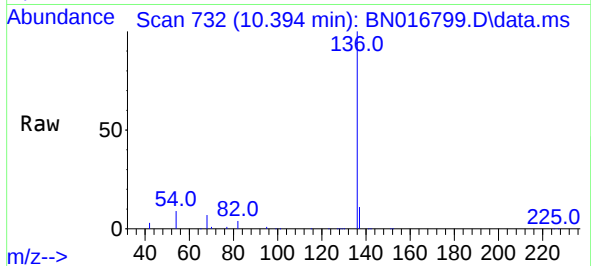
Tgt Ion:	99	Resp:	4560
Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.4	20.2#
71	34.0	24.0	36.0





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.013 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

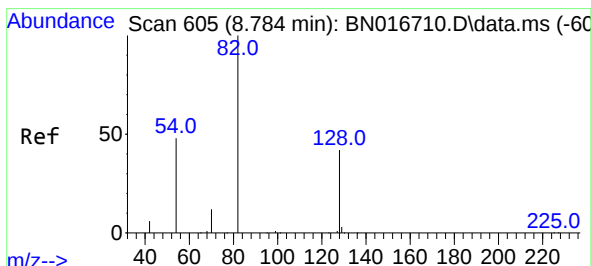
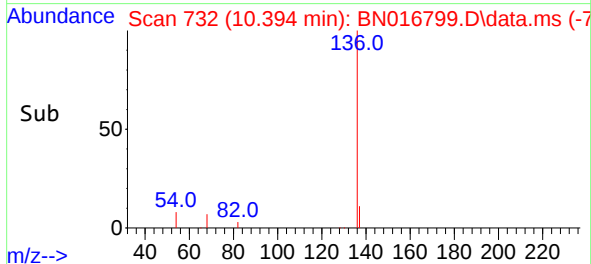
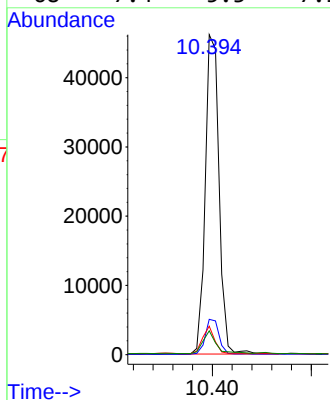
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BNA_N
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Tgt Ion:	136	Resp:	89305
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	6.5	9.7
68	7.4	5.3	7.9

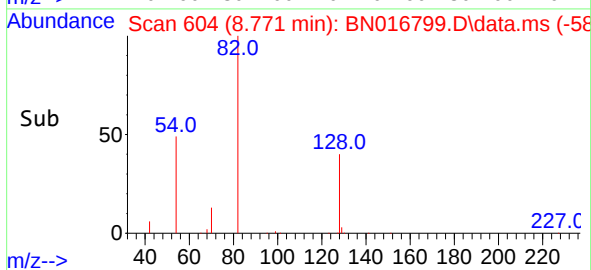
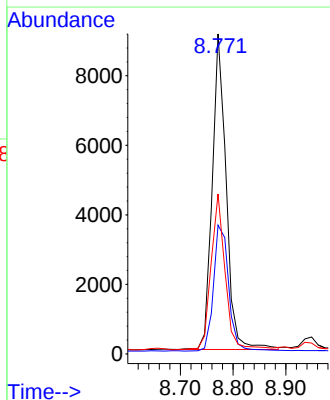
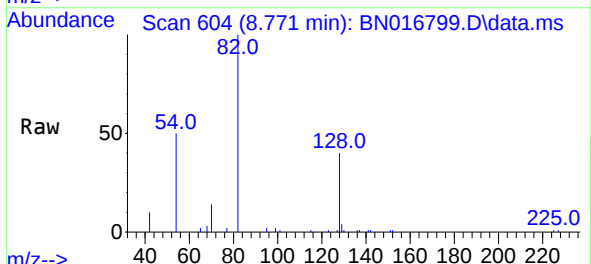
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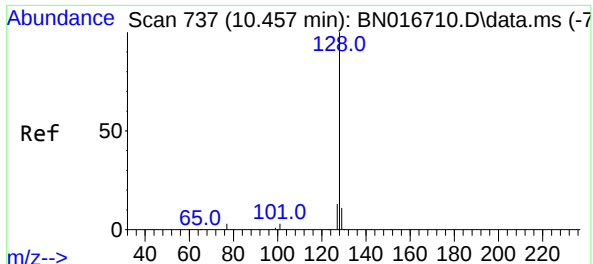
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#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:	82	Resp:	16669
Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.8	50.6
54	50.0	38.5	57.7





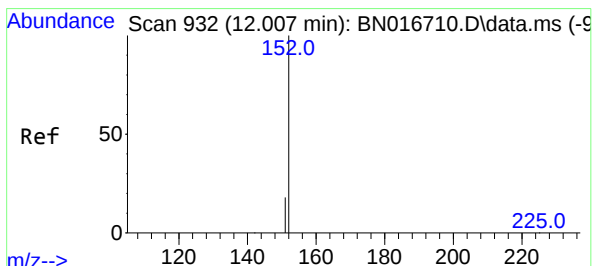
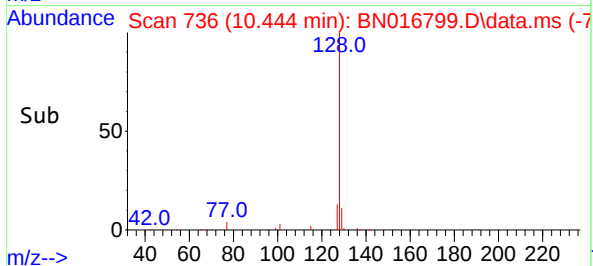
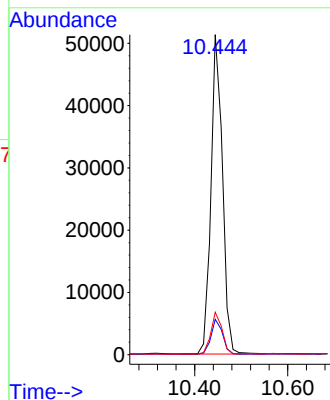
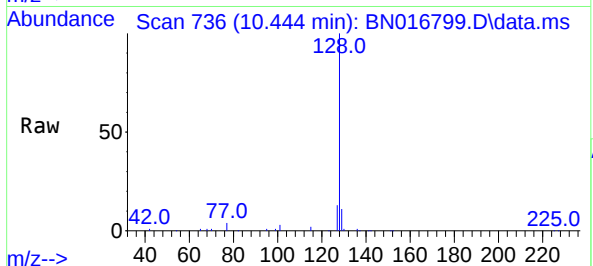
#9
Naphthalene
Concen: 0.36 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:	128	Resp:	88297
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	13.3	10.3	15.5

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SW-RR-03-(SA)

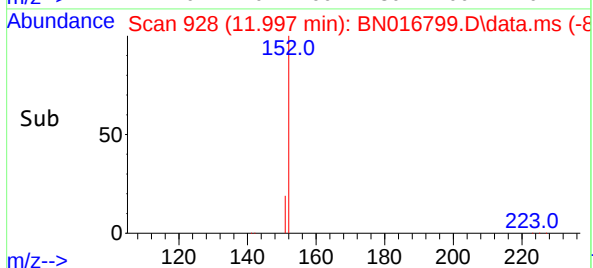
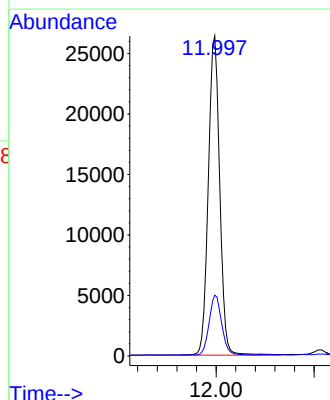
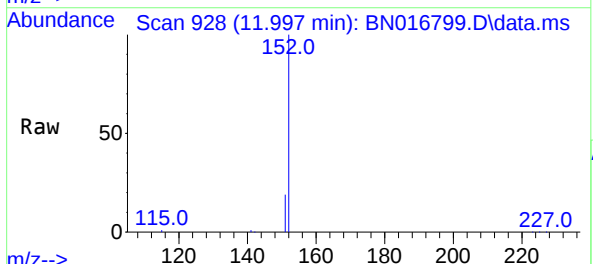
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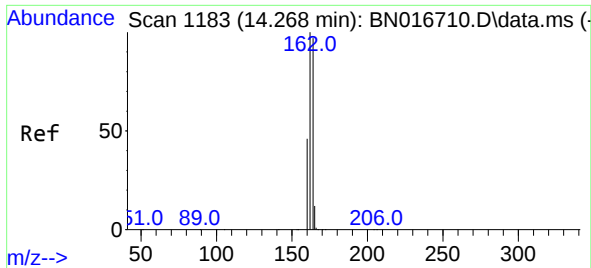
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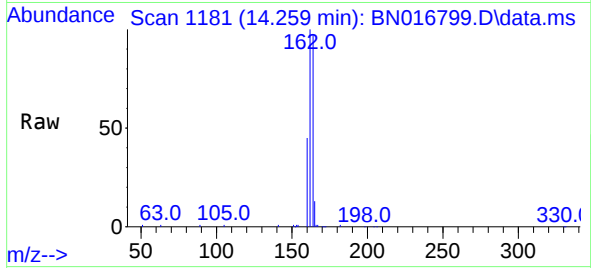
#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.997 min Scan# 928
Delta R.T. -0.001 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:	152	Resp:	42591
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4



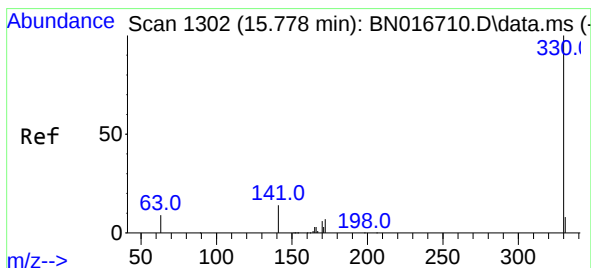
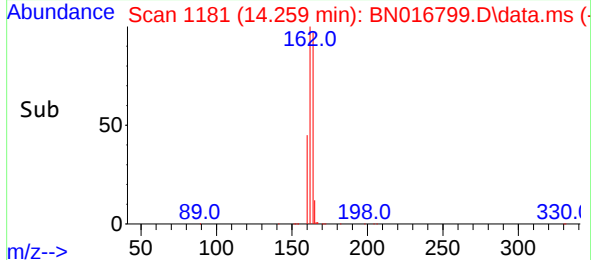
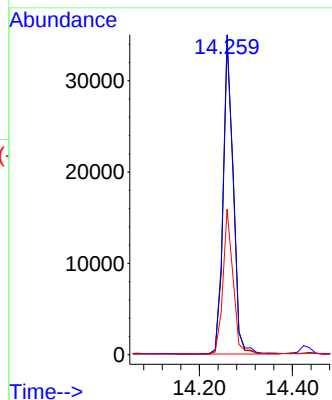


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.259 min Scan# 1181
Delta R.T. -0.009 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

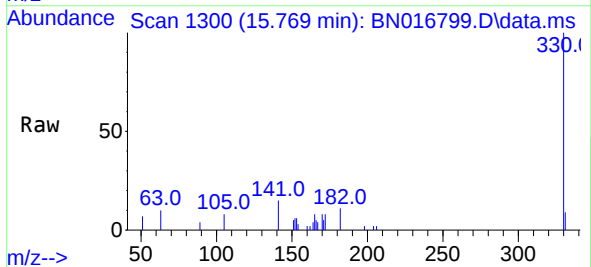


Tgt Ion:164 Resp: 51305

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	124.0
160	46.6	38.2	57.2

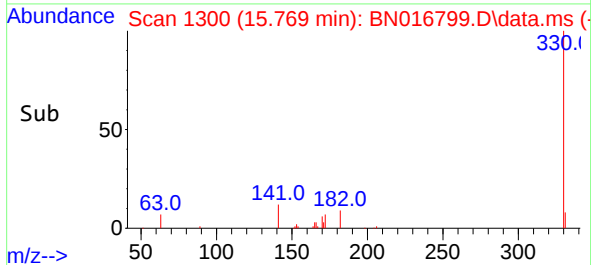
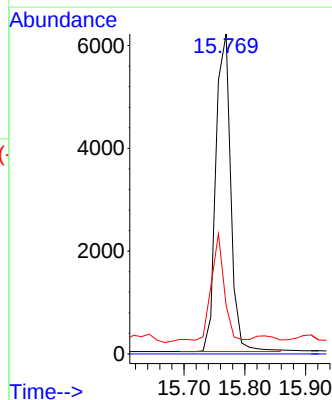


#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.769 min Scan# 1300
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20



Tgt Ion:330 Resp: 10511

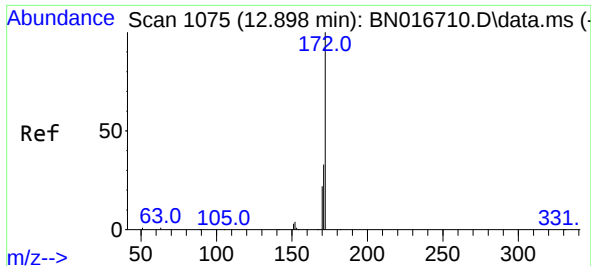
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.8	24.2	36.2



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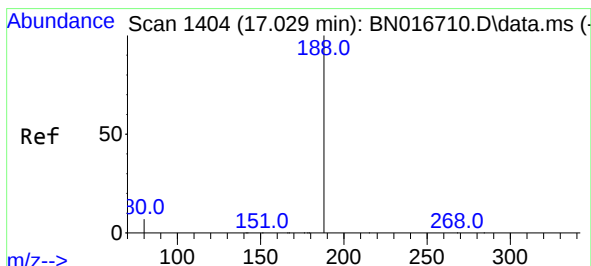
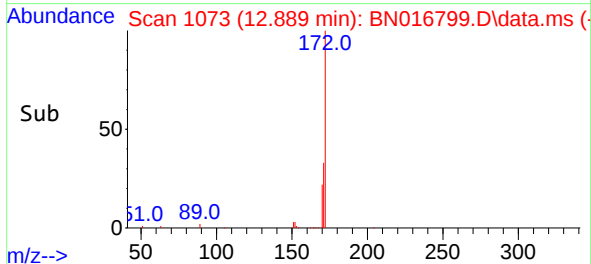
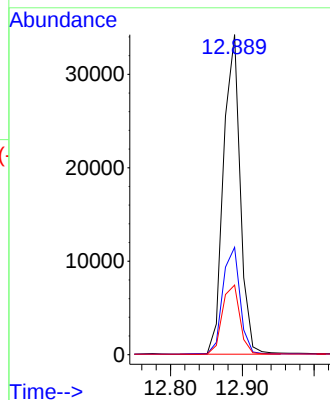
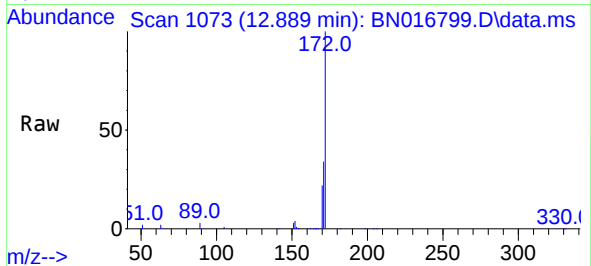
#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.889 min Scan# 1073
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:172 Resp: 55195
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 21.8 17.4 26.0

Instrument :
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SW-RR-03-(SA)

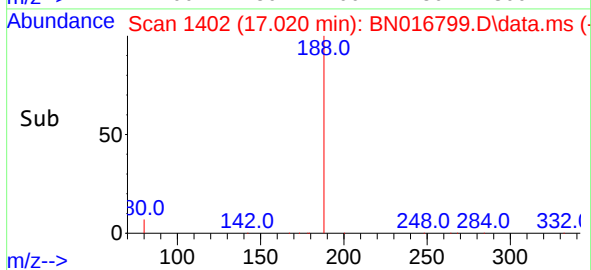
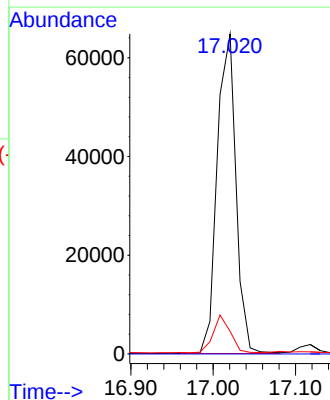
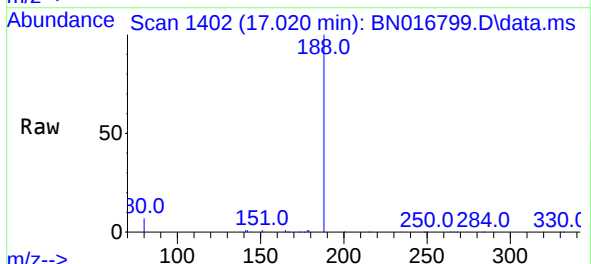
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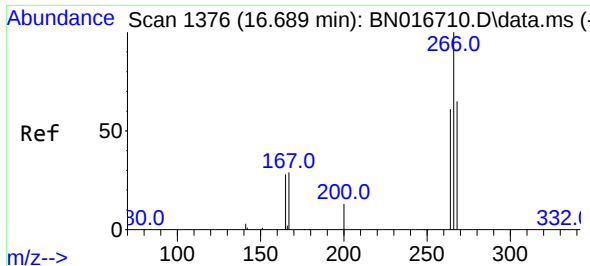
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.020 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:188 Resp: 102432
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.8 8.8





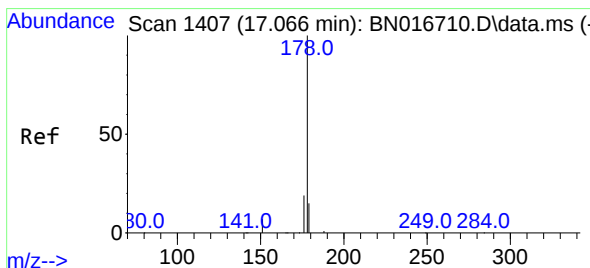
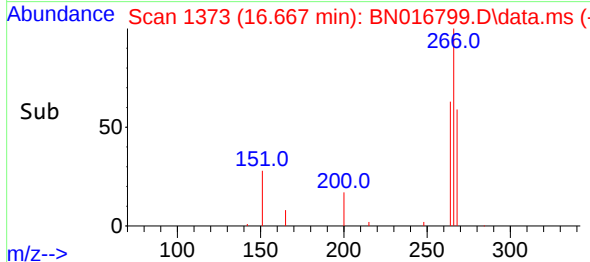
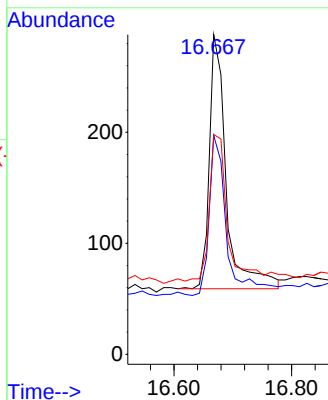
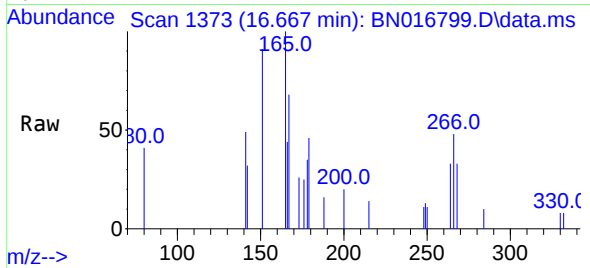
#24
Pentachlorophenol
Concen: 0.35 ng
RT: 16.667 min Scan# 1373
Delta R.T. -0.009 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:	266	Resp:	460
Ion Ratio	Lower	Upper	
266	100		
264	65.9	49.3	73.9
268	63.9	51.8	77.8

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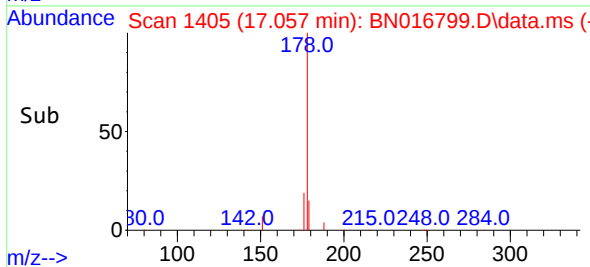
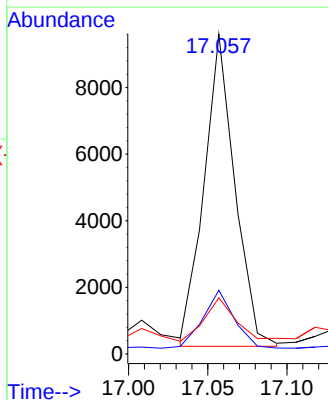
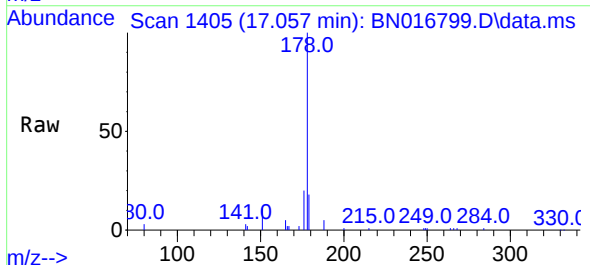
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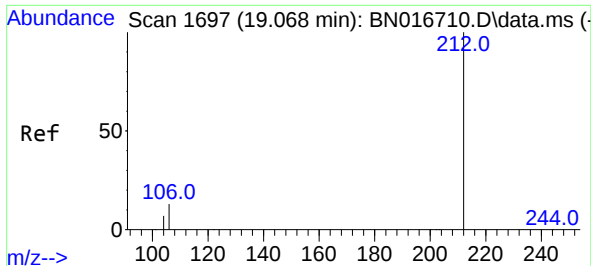
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10/7/2021 8:51:44 AM



#25
Phenanthrene
Concen: 0.04 ng m
RT: 17.057 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

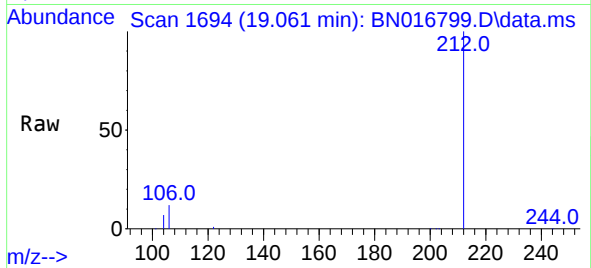
Tgt Ion:	178	Resp:	12641
Ion Ratio	Lower	Upper	
178	100		
176	21.2	15.0	22.6
179	14.9	12.4	18.6





#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.061 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

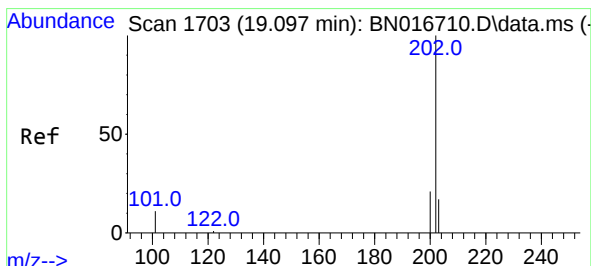
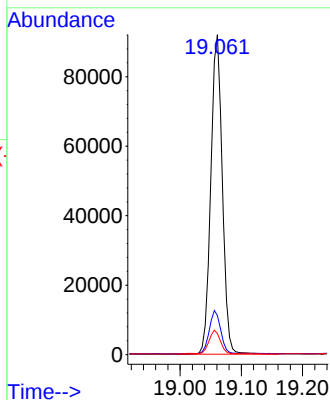
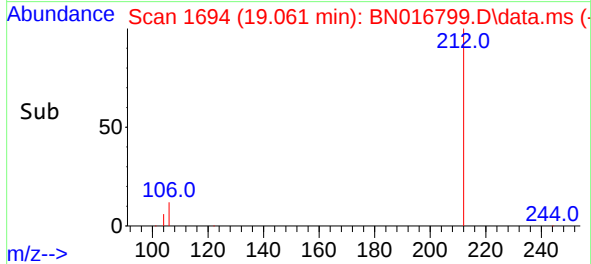
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



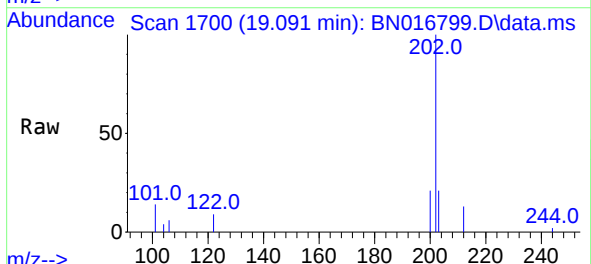
Tgt Ion:212 Resp: 120171
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.3 5.8 8.8

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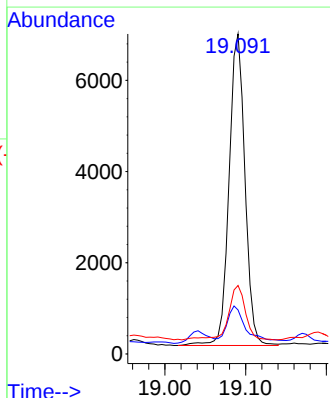
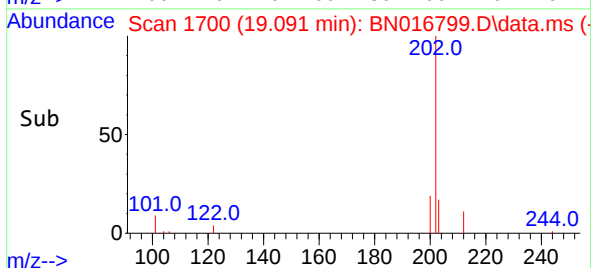
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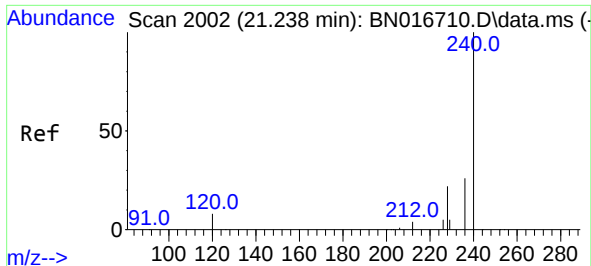


#28
Fluoranthene
Concen: 0.03 ng
RT: 19.091 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

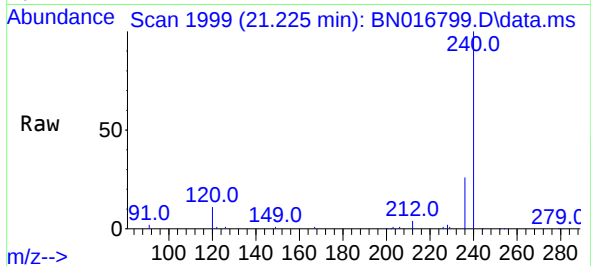


Tgt Ion:202 Resp: 9369
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
203 18.6 13.8 20.8

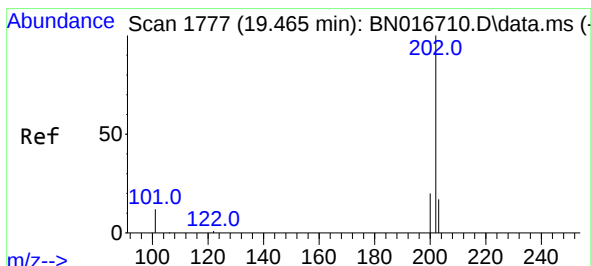
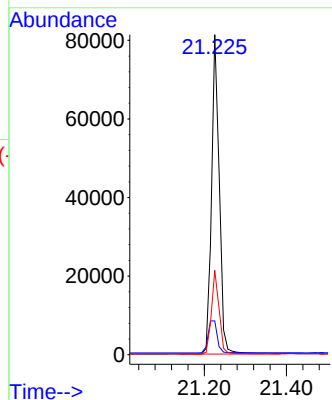
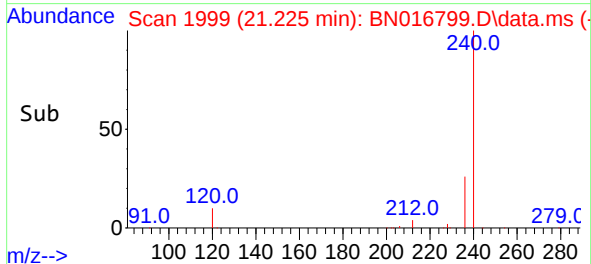




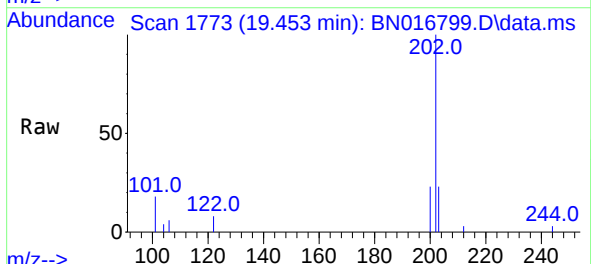
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.225 min Scan# 1999
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20



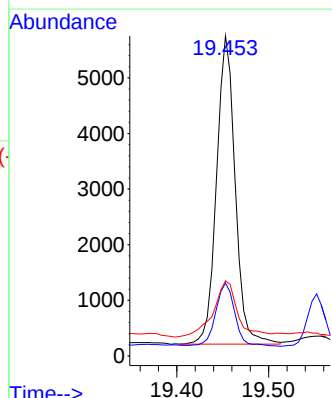
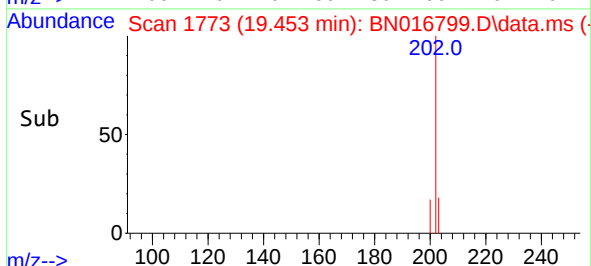
Tgt Ion:240 Resp: 106578
Ion Ratio Lower Upper
240 100
120 10.5 6.6 10.0#
236 26.3 20.7 31.1



#30
Pyrene
Concen: 0.02 ng
RT: 19.453 min Scan# 1773
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20



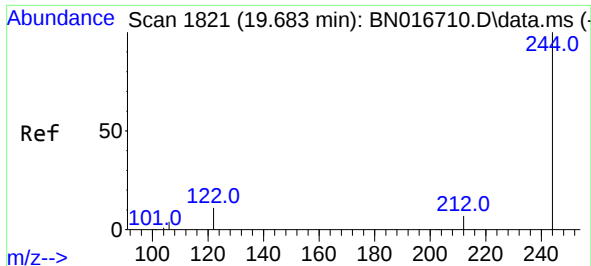
Tgt Ion:202 Resp: 7810
Ion Ratio Lower Upper
202 100
200 21.2 16.5 24.7
203 24.1 13.9 20.9#



Instrument :
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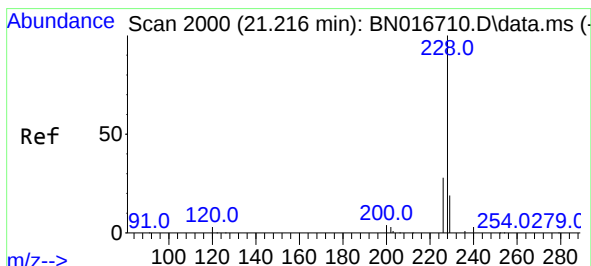
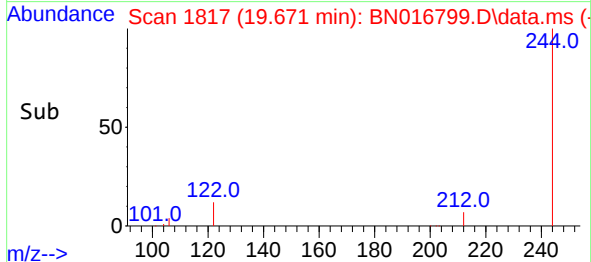
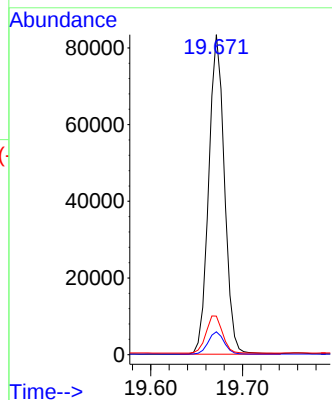
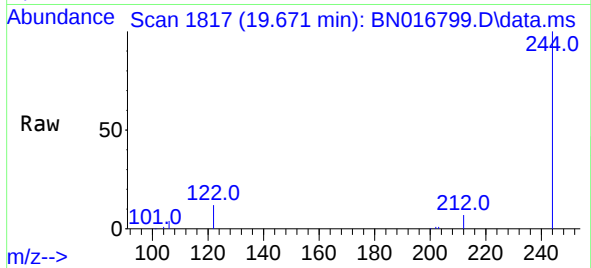
#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.671 min Scan# 1817
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:244 Resp: 99407
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 12.0 8.9 13.3

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

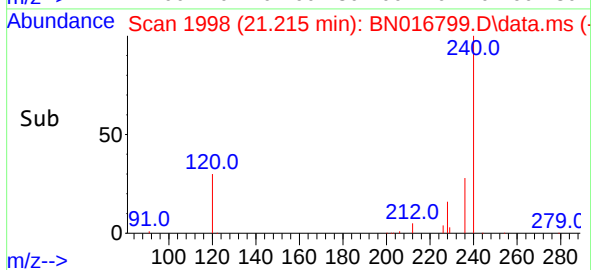
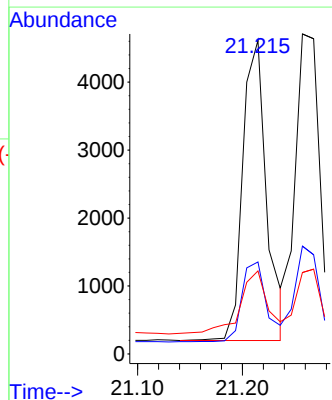
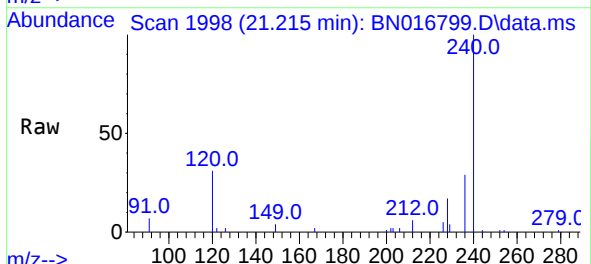
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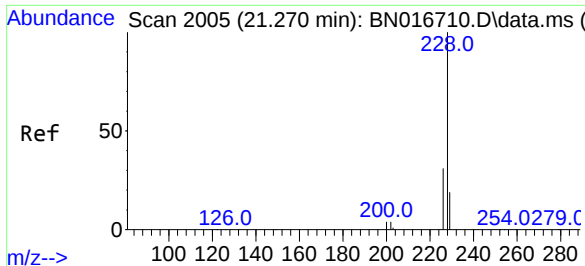
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#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.215 min Scan# 1998
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:228 Resp: 6953
Ion Ratio Lower Upper
228 100
226 29.4 22.3 33.5
229 26.5 15.4 23.0#





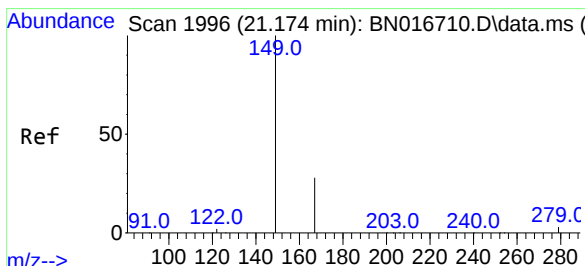
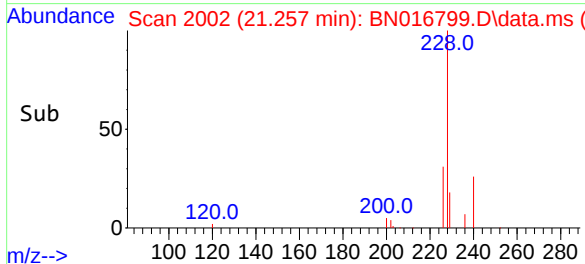
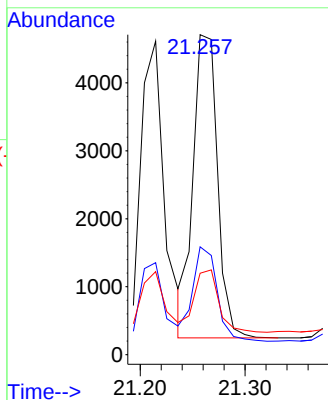
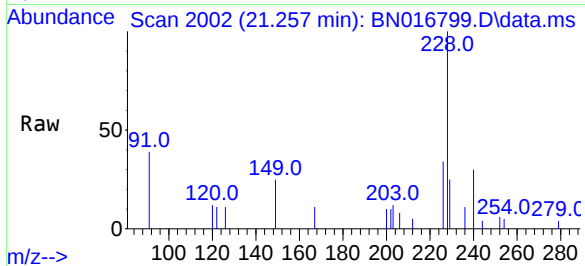
#33
Chrysene
Concen: 0.02 ng
RT: 21.257 min Scan# 2002
Delta R.T. -0.013 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:228 Resp: 7182
Ion Ratio Lower Upper
228 100
226 33.7 24.2 36.4
229 25.4 15.4 23.0#

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

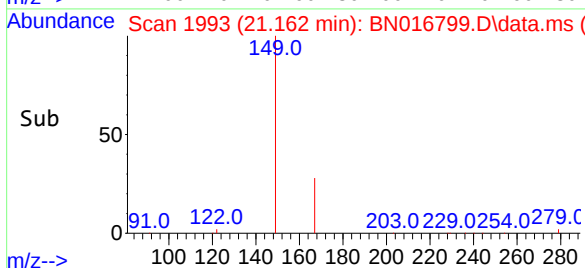
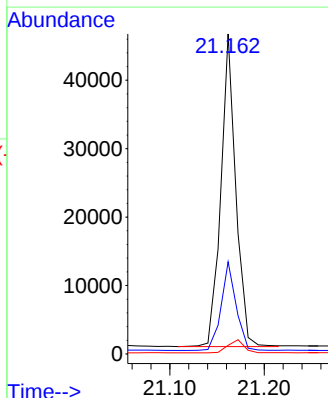
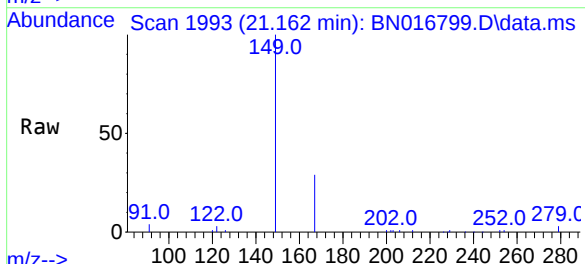
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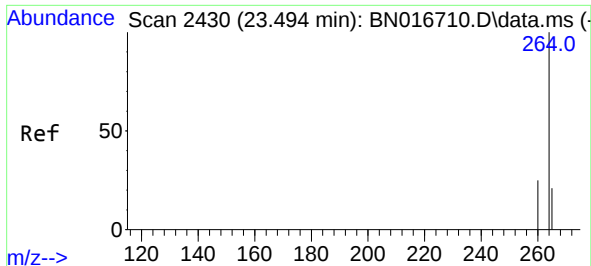
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#34
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.162 min Scan# 1993
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

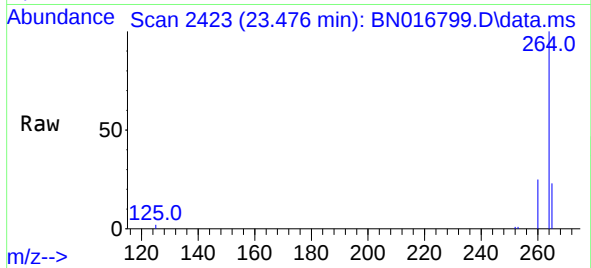
Tgt Ion:149 Resp: 50267
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 4.4 3.4 5.2





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.476 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

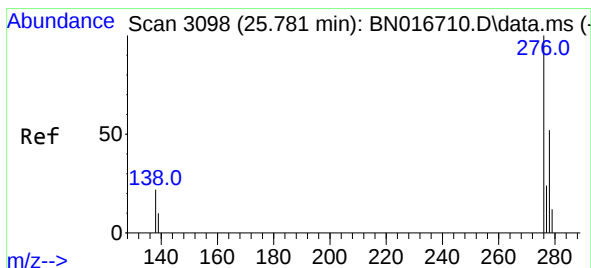
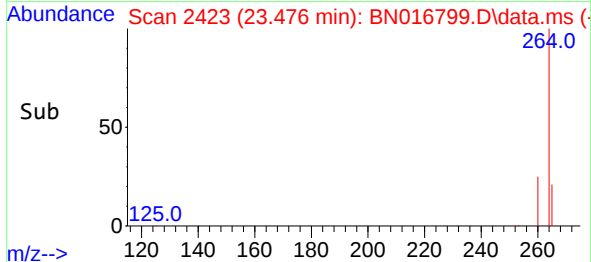
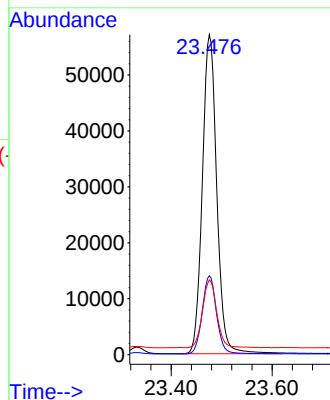
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BNA_N
ClientSampleId :
SW-RR-03-(SA)



Tgt Ion:264 Resp: 112960
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 23.4 20.3 30.5

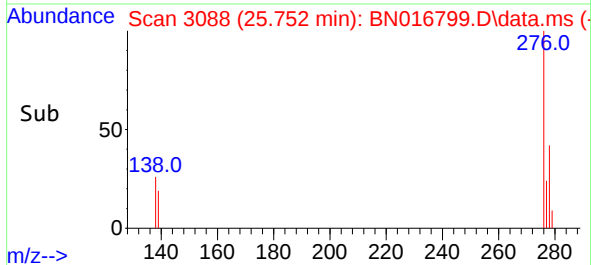
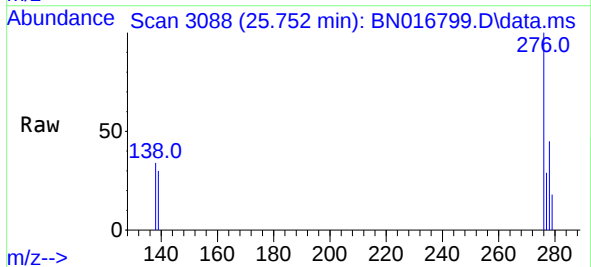
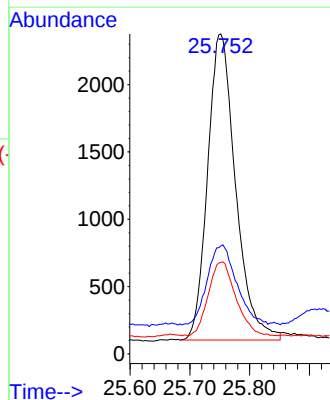
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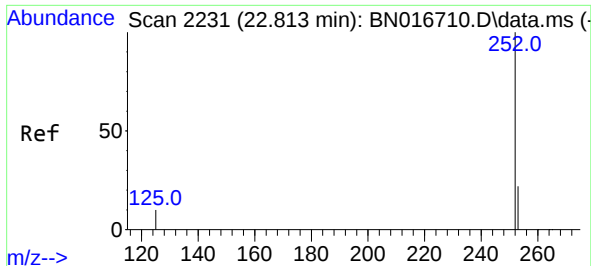
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#36
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.752 min Scan# 3088
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:276 Resp: 7394
Ion Ratio Lower Upper
276 100
138 27.5 19.2 28.8
277 24.0 20.0 30.0





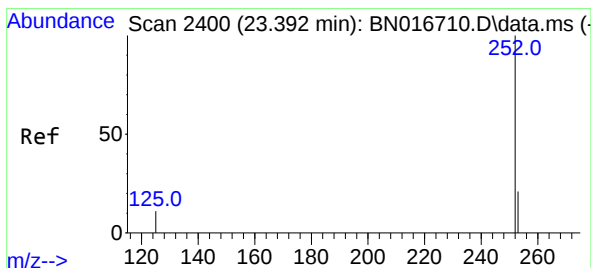
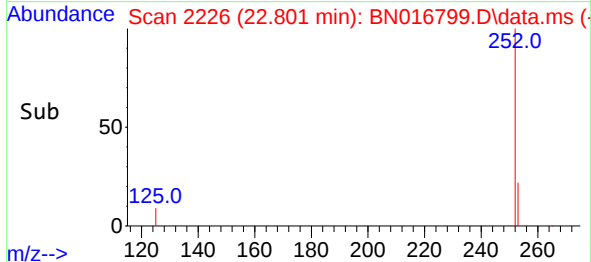
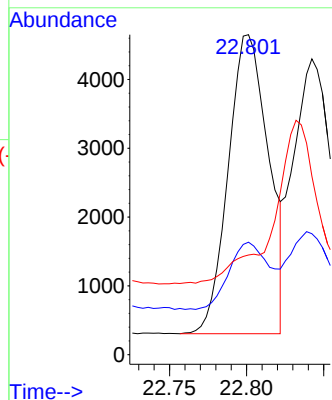
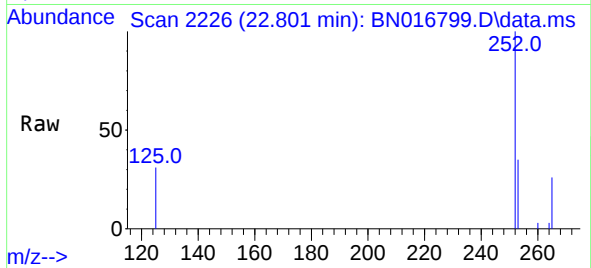
#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.801 min Scan# 2226
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:252 Resp: 7906
Ion Ratio Lower Upper
252 100
253 35.1 17.8 26.8#
125 31.2 8.3 12.5#

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

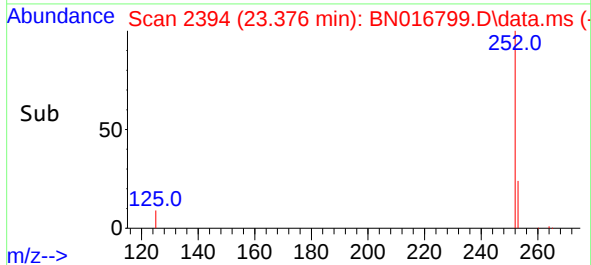
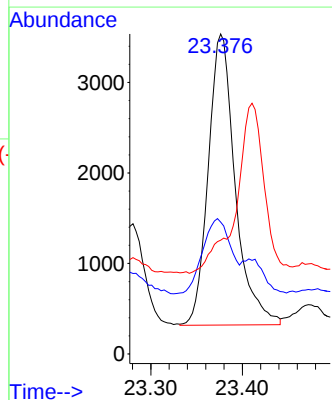
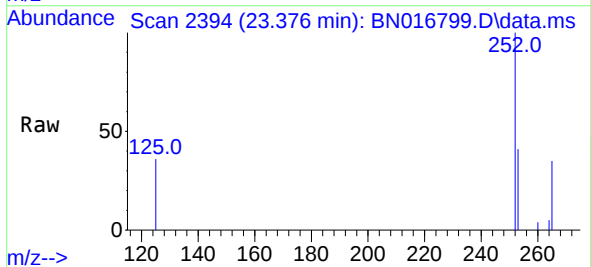
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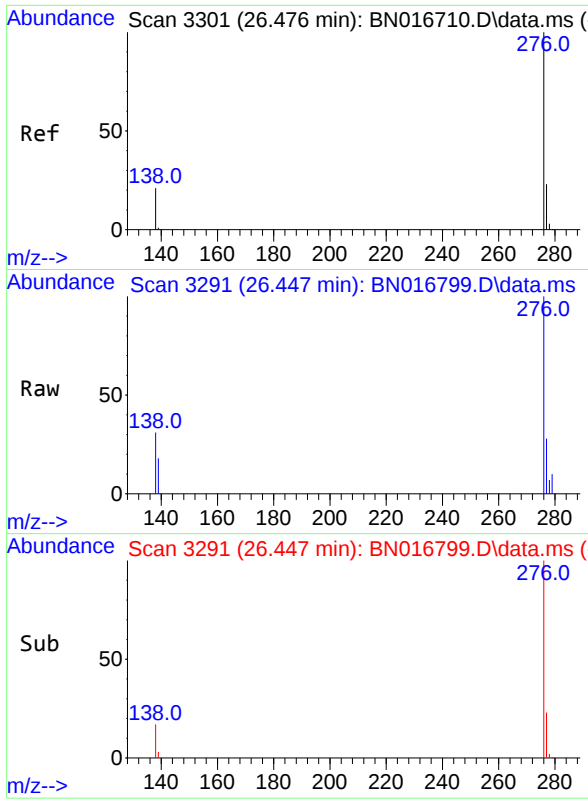
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#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.376 min Scan# 2394
Delta R.T. -0.005 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

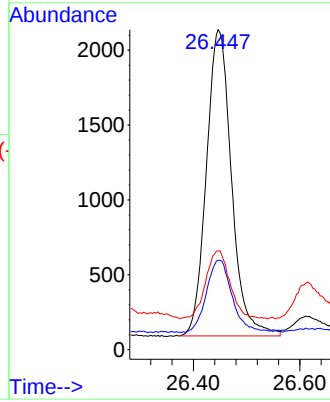
Tgt Ion:252 Resp: 6584
Ion Ratio Lower Upper
252 100
253 41.2 17.9 26.9#
125 35.6 9.4 14.2#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.447 min Scan# 3291
Delta R.T. -0.005 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:	276	Resp:	6719
Ion Ratio	Lower	Upper	
276	100		
277	27.9	19.0	28.4
138	30.8	17.0	25.6#



Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

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