

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016606.D
 Acq On : 30 Sep 2021 19:09
 Operator : CG/JU
 Sample : PB139306BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139306BL

Quant Time: Oct 01 01:36:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

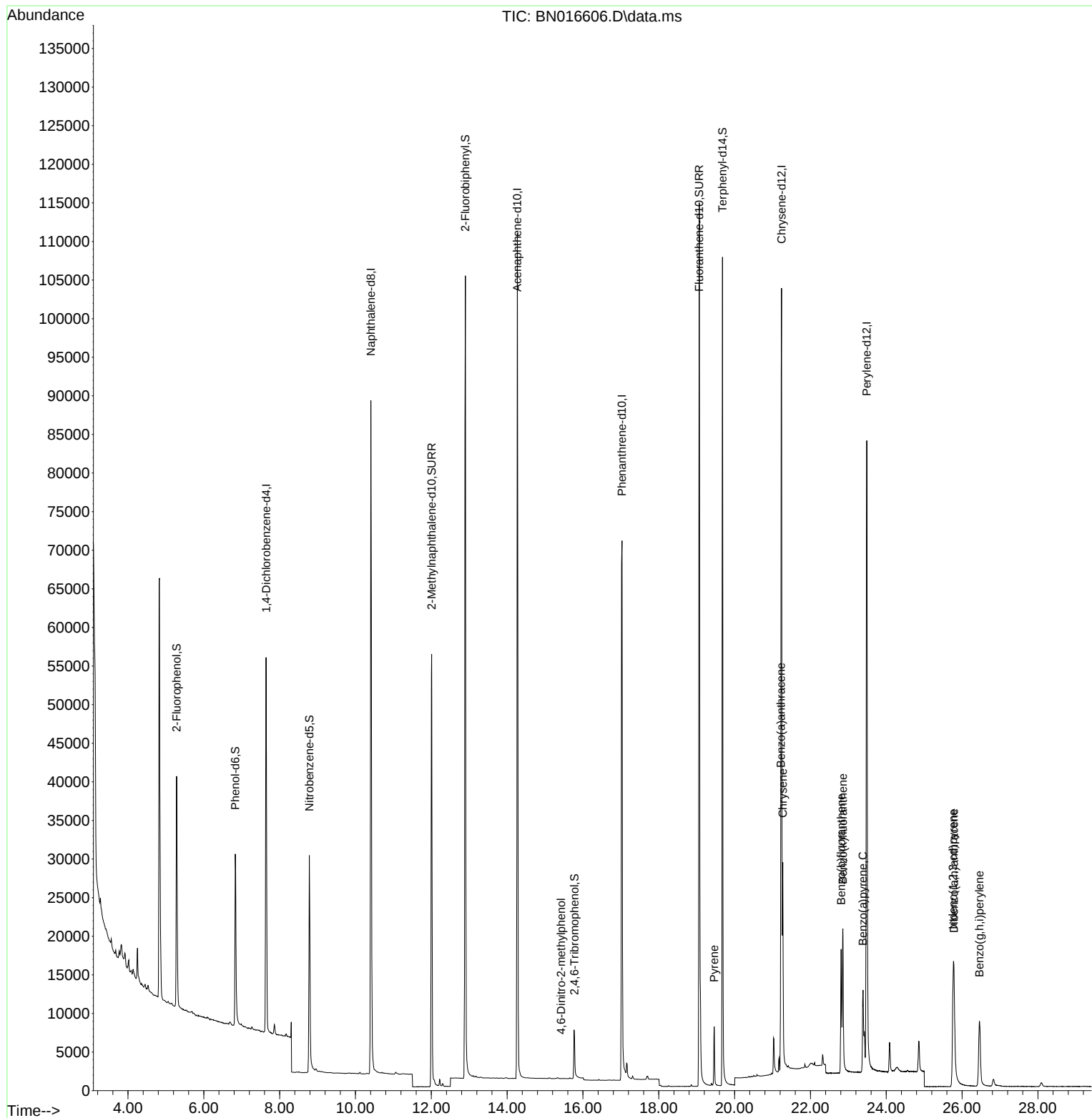
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27741	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	123725	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	63845	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	119074	0.400	ng	0.00
29) Chrysene-d12	21.238	240	105564	0.400	ng	0.00
35) Perylene-d12	23.485	264	113234	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	28873	0.409	ng	0.03
5) Phenol-d6	6.831	99	26382	0.341	ng	0.00
8) Nitrobenzene-d5	8.784	82	27036	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	81259	0.444	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	6580	0.226	ng	0.01
15) 2-Fluorobiphenyl	12.899	172	103759	0.401	ng	0.00
27) Fluoranthene-d10	19.068	212	143044	0.452	ng	0.00
31) Terphenyl-d14	19.679	244	113048	0.493	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.423	198	7	0.137	ng	# 1
30) Pyrene	19.460	202	7591	0.022	ng	100
32) Benzo(a)anthracene	21.217	228	17951	0.055	ng	100
33) Chrysene	21.270	228	20600	0.063	ng	99
36) Indeno(1,2,3-cd)pyrene	25.764	276	23965	0.059	ng	96
37) Benzo(b)fluoranthene	22.810	252	21083	0.058	ng	# 94
38) Benzo(k)fluoranthene	22.855	252	22329	0.062	ng	# 87
39) Benzo(a)pyrene	23.385	252	18646	0.058	ng	# 91
40) Dibenzo(a,h)anthracene	25.788	278	18854	0.058	ng	# 92
41) Benzo(g,h,i)perylene	26.459	276	20030	0.056	ng	98

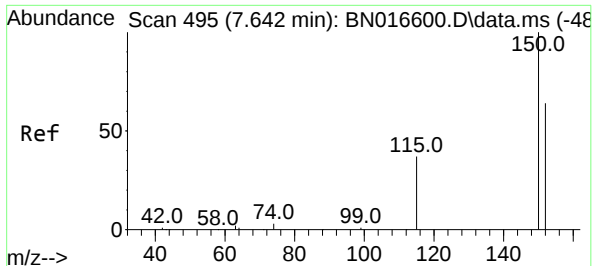
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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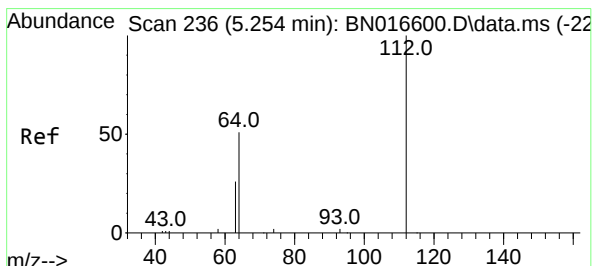
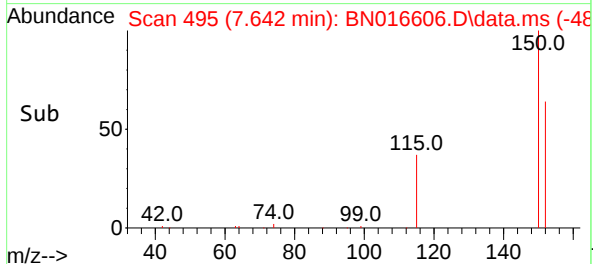
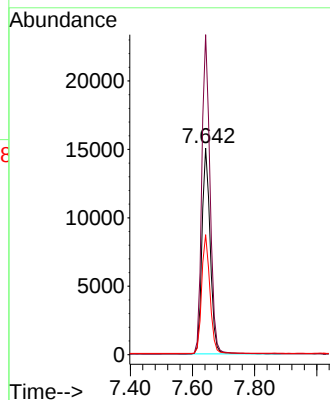
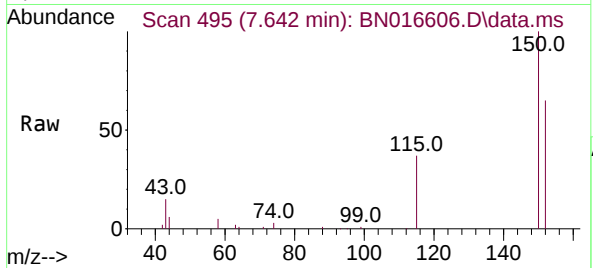




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016606.D
 Acq: 30 Sep 2021 19:09

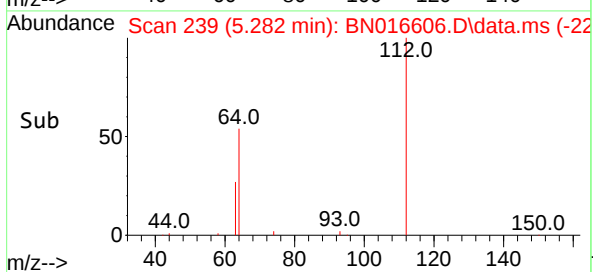
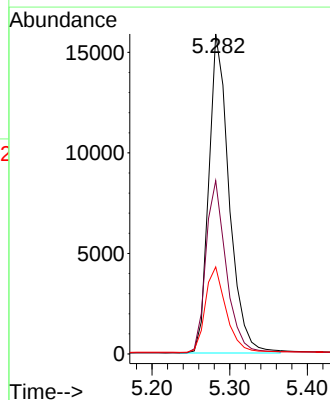
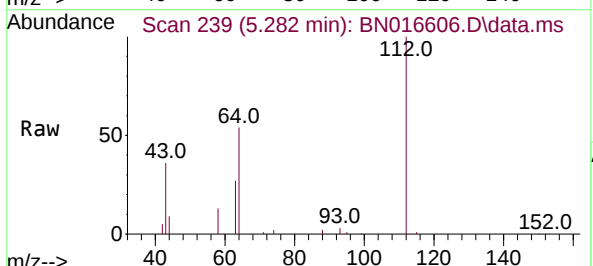
Instrument :
 BNA_N
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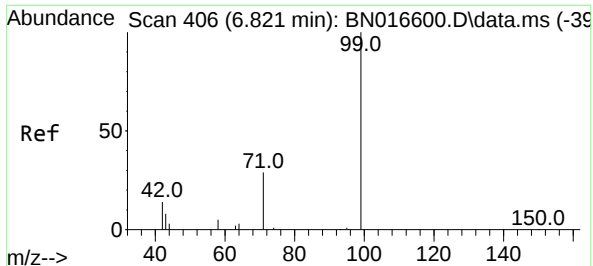
Tgt Ion:152 Resp: 27741
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 58.1 46.5 69.7



#4
 2-Fluorophenol
 Concen: 0.409 ng
 RT: 5.282 min Scan# 239
 Delta R.T. 0.028 min
 Lab File: BN016606.D
 Acq: 30 Sep 2021 19:09

Tgt Ion:112 Resp: 28873
 Ion Ratio Lower Upper
 112 100
 64 53.7 43.1 64.7
 63 27.2 21.6 32.4

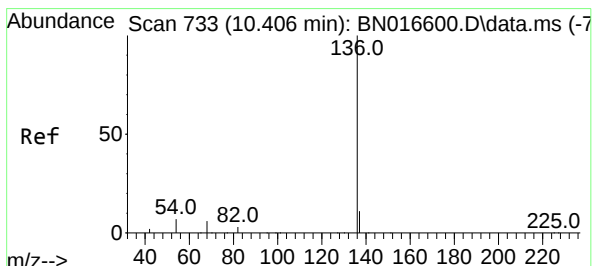
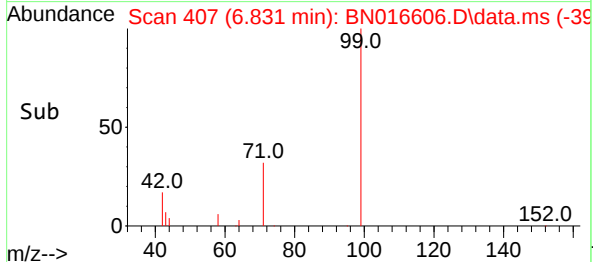
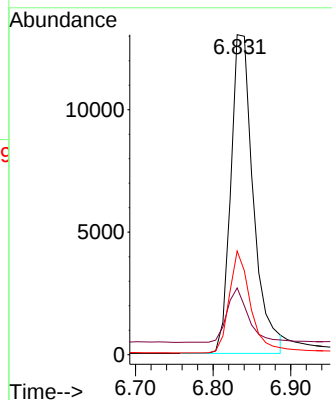
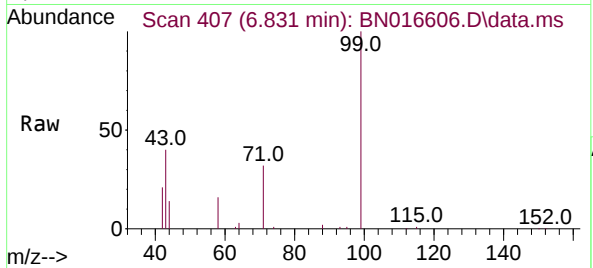




#5
Phenol-d6
Concen: 0.341 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

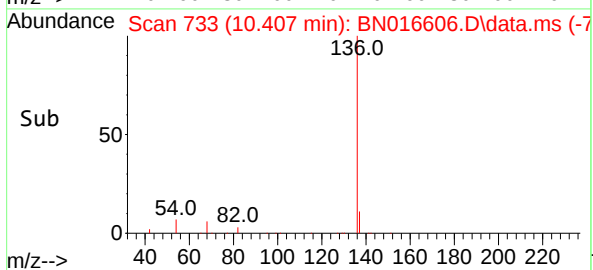
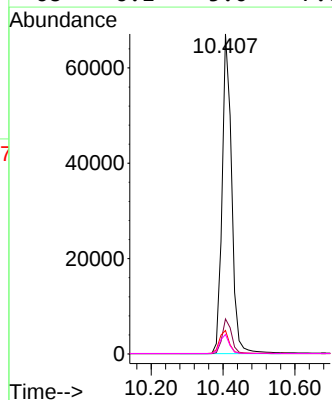
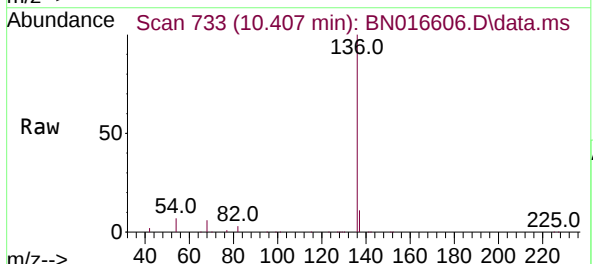
Instrument :
BNA_N
ClientSampleId :
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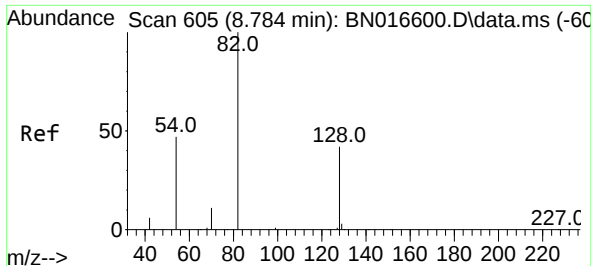
Tgt Ion: 99 Resp: 26382
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.6
71 29.9 23.5 35.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion: 136 Resp: 123725
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.4 5.9 8.9
68 6.1 5.0 7.6

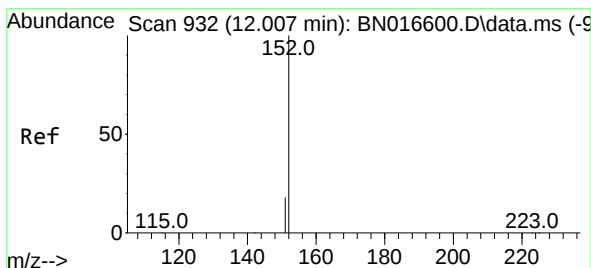
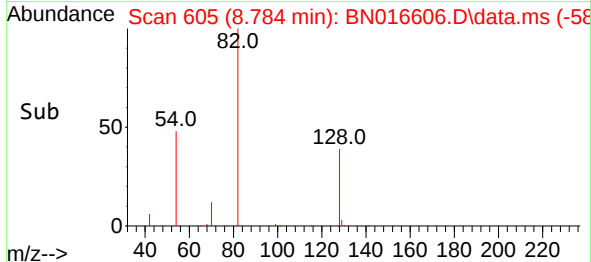
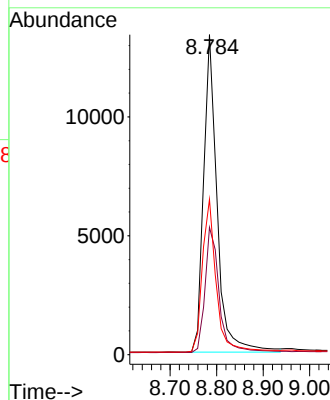
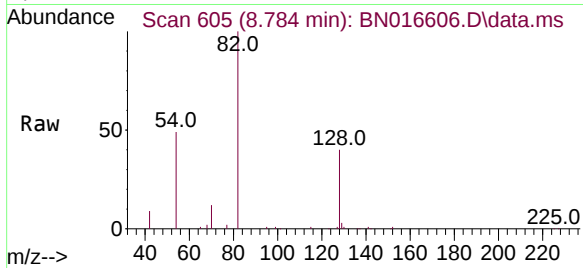




#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

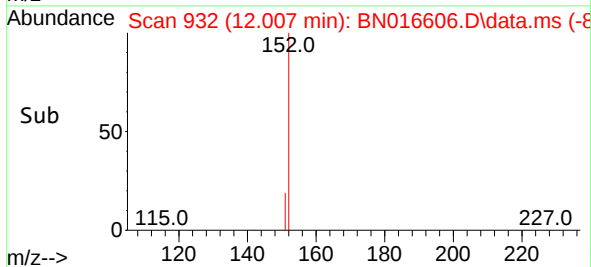
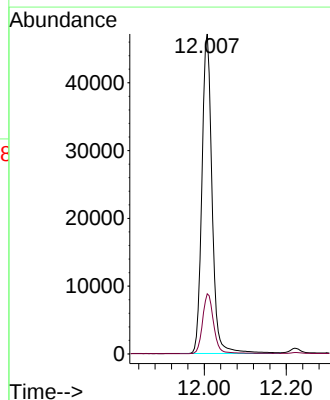
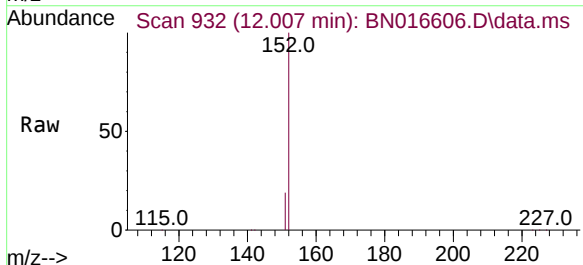
Instrument :
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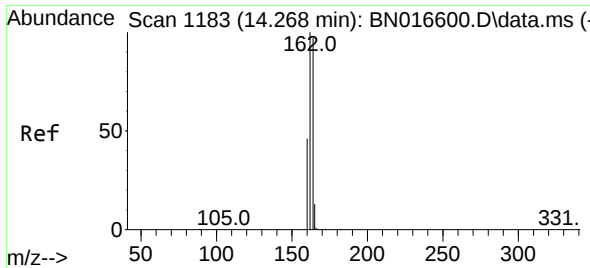
Tgt Ion:	82	Resp:	27036
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.6	50.4
54	48.6	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:	152	Resp:	81259
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

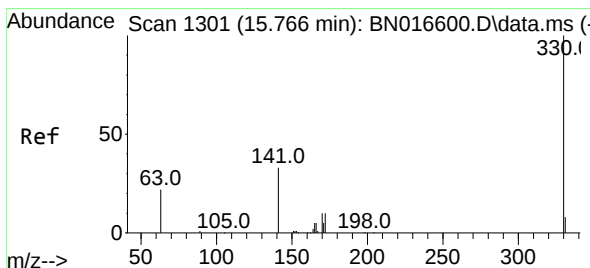
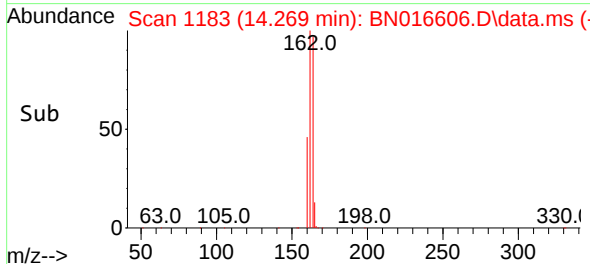
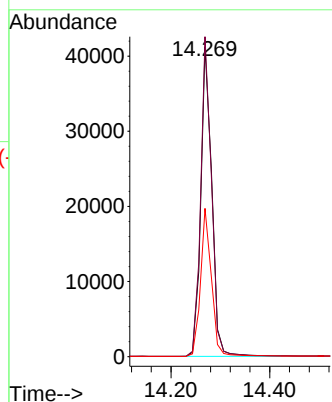
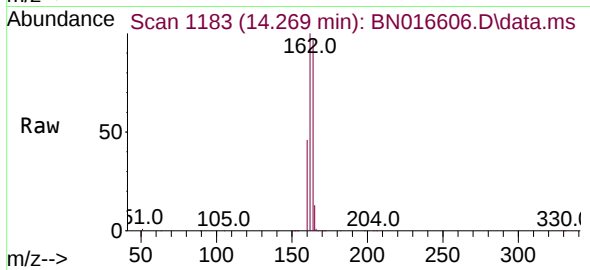




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

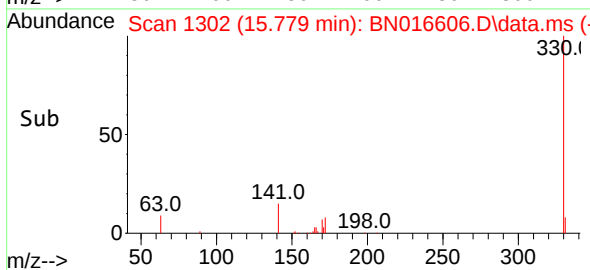
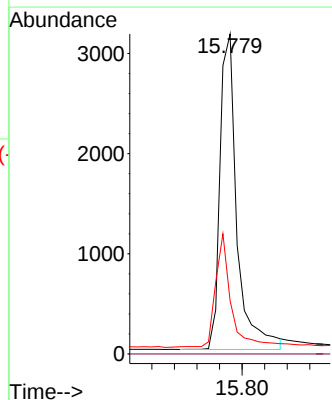
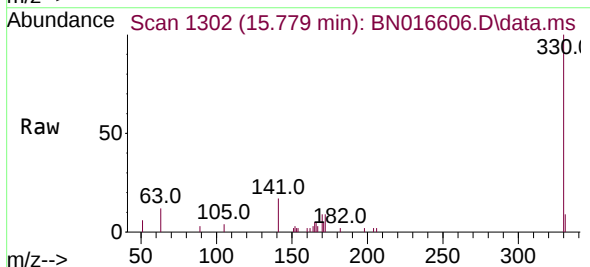
Instrument :
BNA_N
ClientSampleId :
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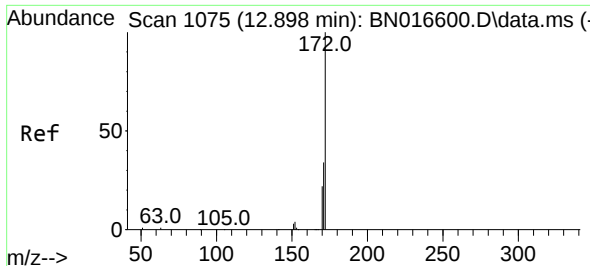
Tgt Ion:164 Resp: 63845
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 47.8 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.013 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:330 Resp: 6580
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.9 25.2 37.8

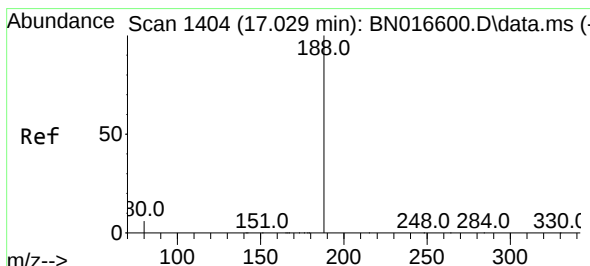
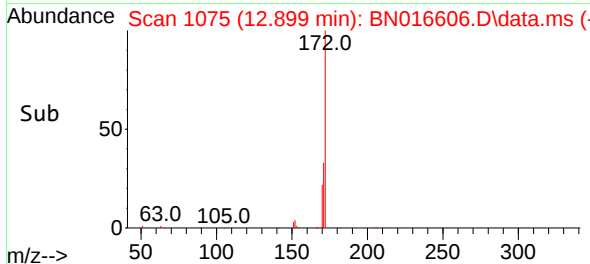
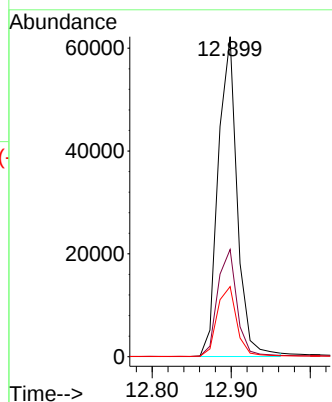
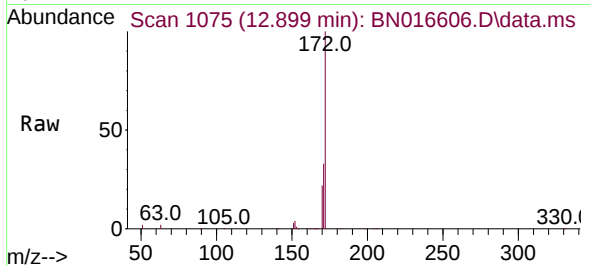




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

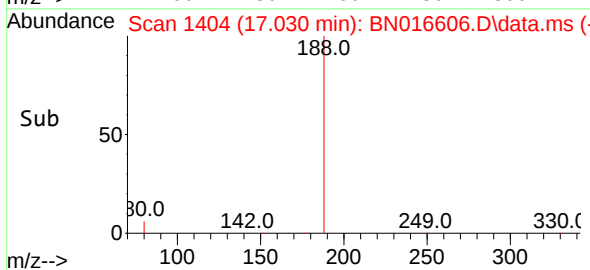
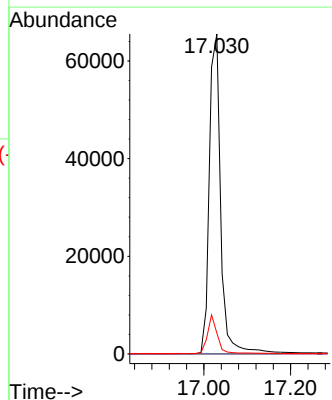
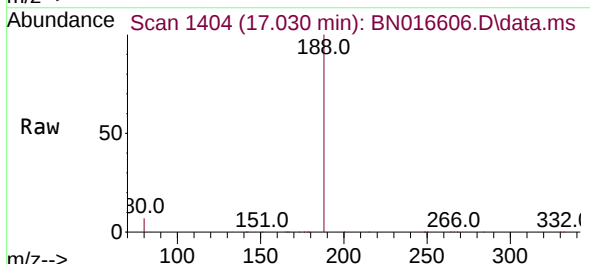
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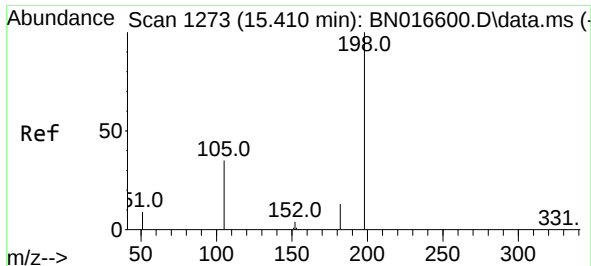
Tgt Ion:172	Resp:	103759
Ion Ratio	Lower	Upper
172	100	
171	33.5	27.0 40.4
170	21.9	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:188	Resp:	119074
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.5	5.0 7.6

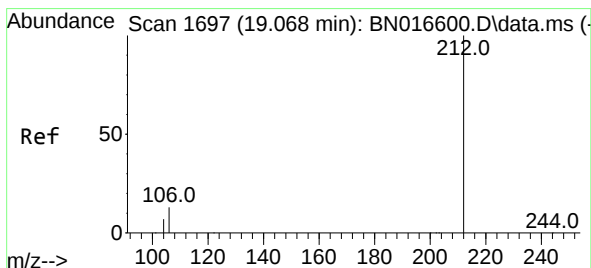
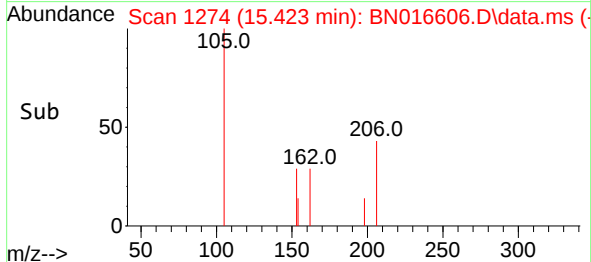
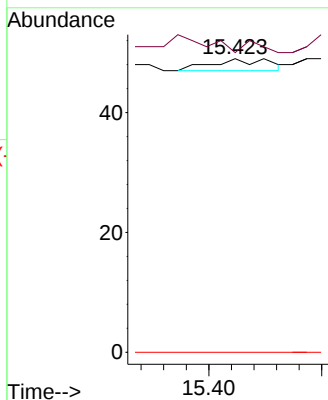
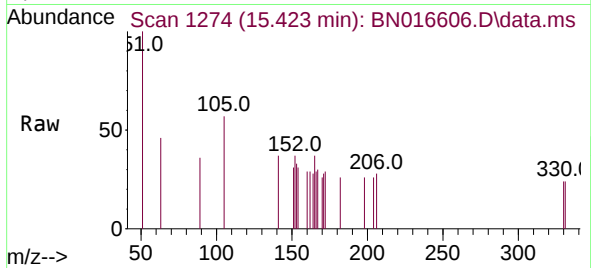




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.013 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

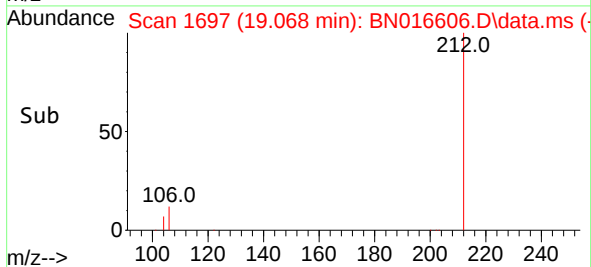
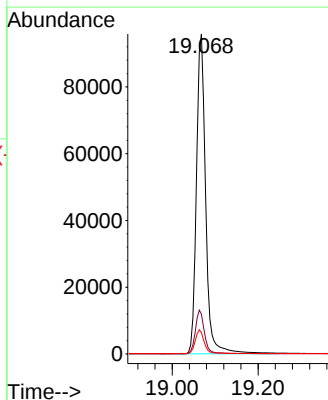
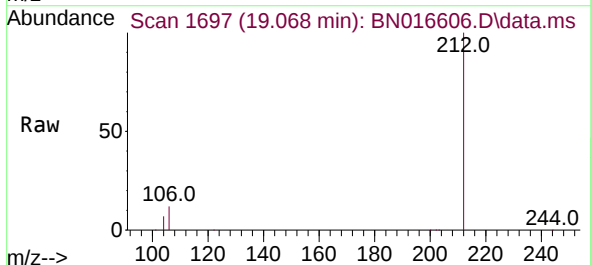
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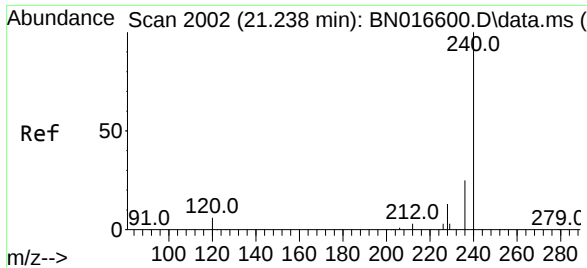
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 102.0 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:212 Resp: 143044
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.3 5.9 8.9

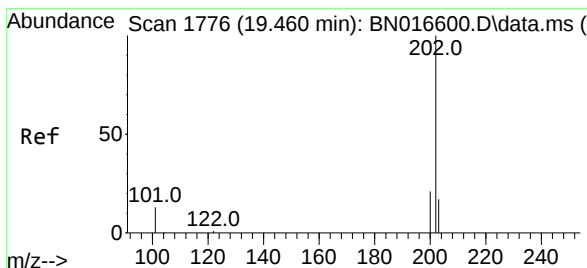
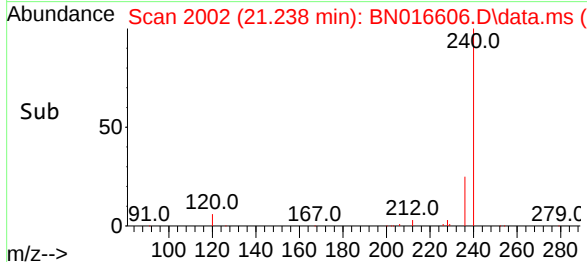
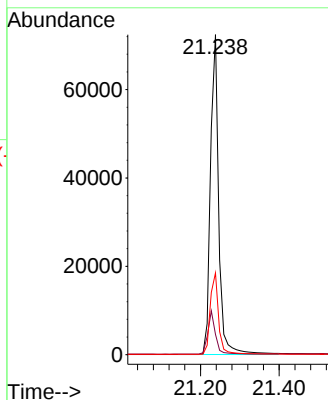
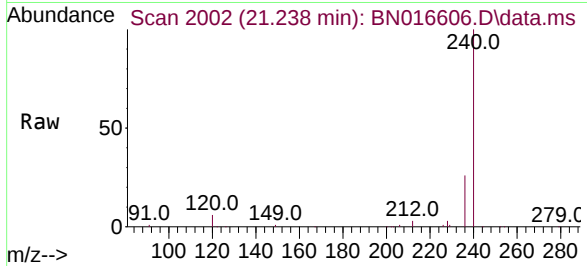




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

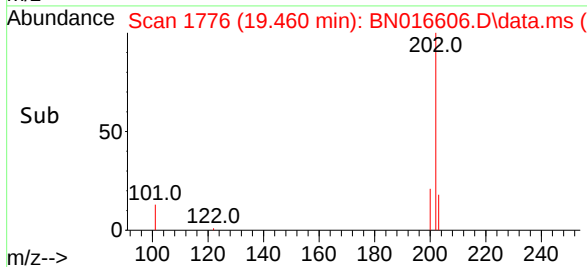
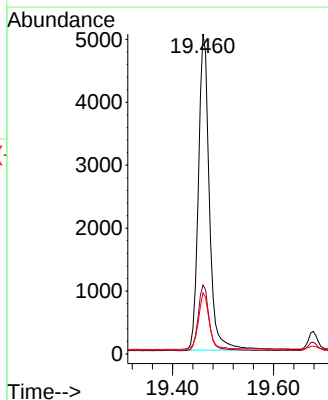
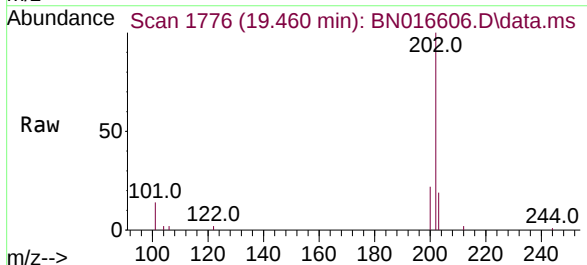
Instrument :
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ClientSampleId :
PB139306BL

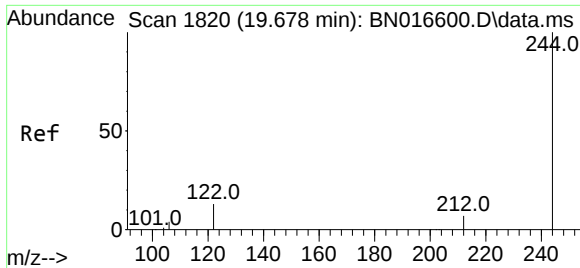
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Ion Ratio Lower Upper
240 100
120 6.4 5.0 7.4
236 25.6 20.4 30.6



#30
Pyrene
Concen: 0.022 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:202 Resp: 7591
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 17.6 14.0 21.0

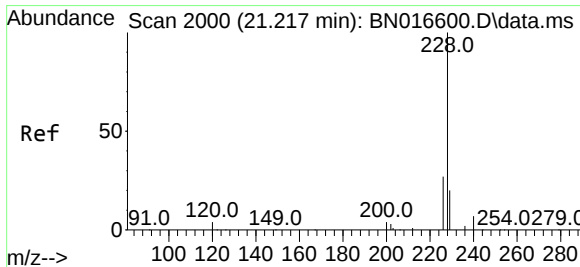
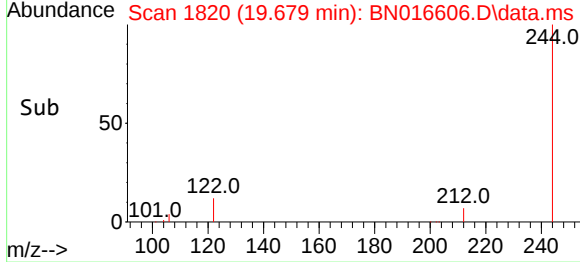
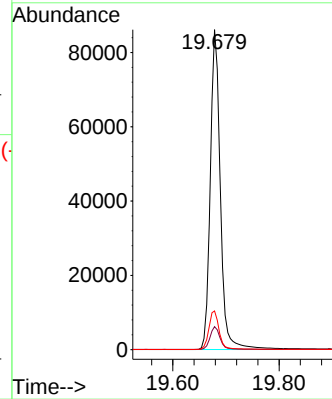
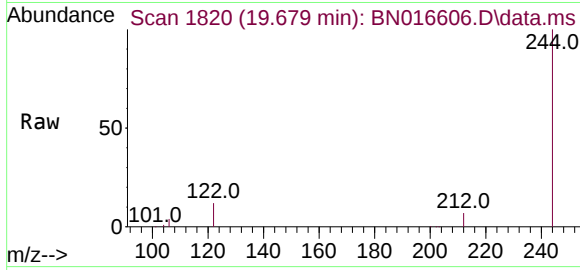




#31
 Terphenyl-d14
 Concen: 0.493 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016606.D
 Acq: 30 Sep 2021 19:09

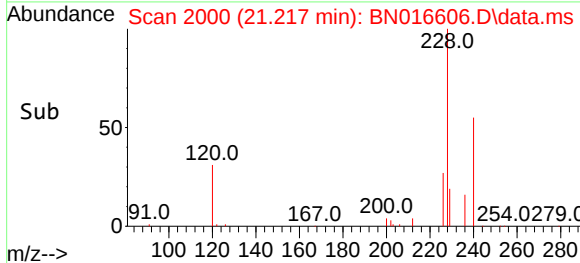
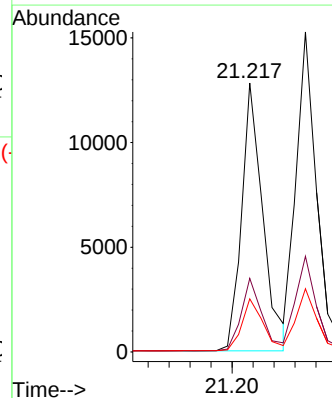
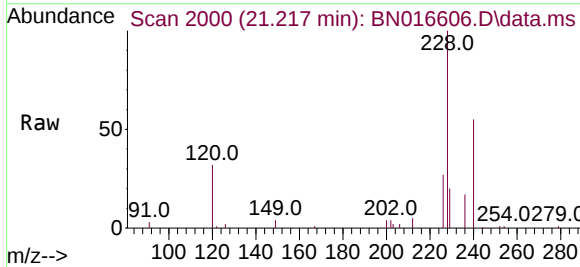
Instrument :
 BNA_N
 ClientSampleId :
 PB139306BL

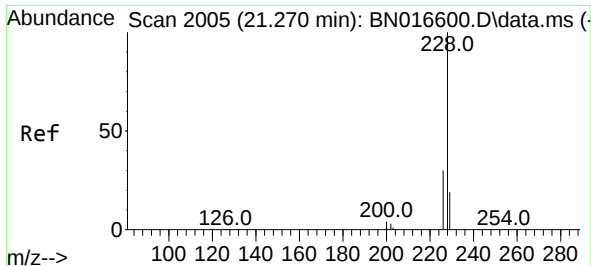
Tgt Ion:244	Resp:	113048
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.0 9.0
122	12.1	10.1 15.1



#32
 Benzo(a)anthracene
 Concen: 0.055 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: BN016606.D
 Acq: 30 Sep 2021 19:09

Tgt Ion:228	Resp:	17951
Ion Ratio	Lower	Upper
228	100	
226	27.3	21.9 32.9
229	19.7	15.7 23.5

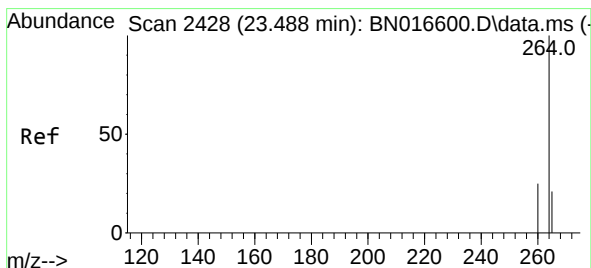
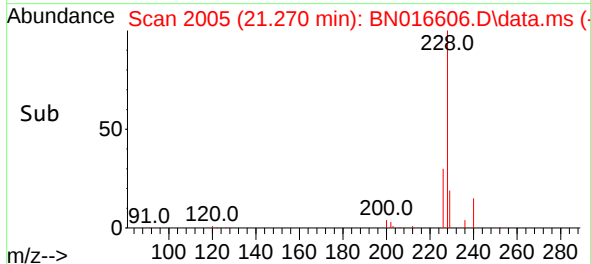
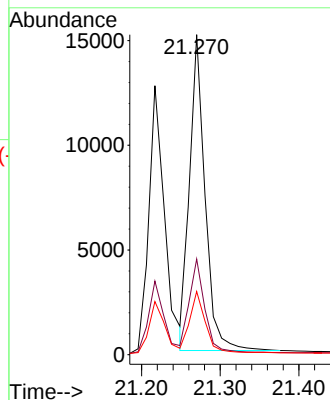
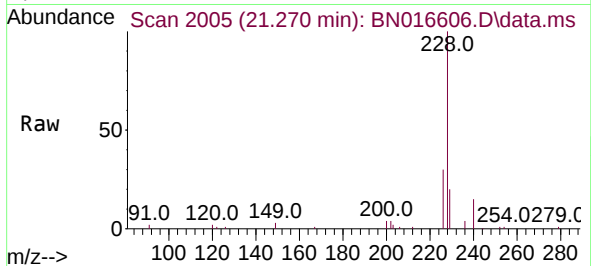




#33
Chrysene
Concen: 0.063 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

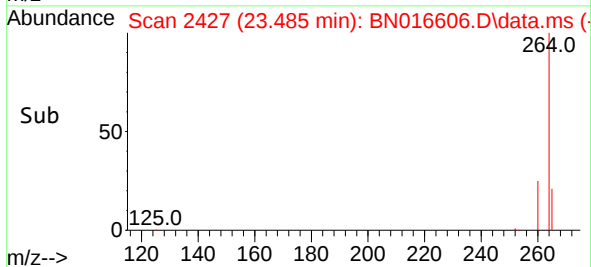
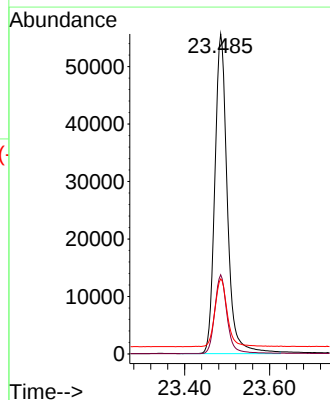
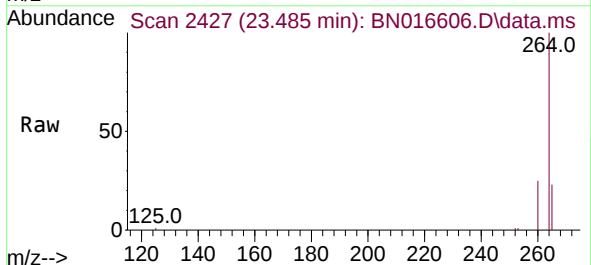
Instrument :
BNA_N
ClientSampleId :
PB139306BL

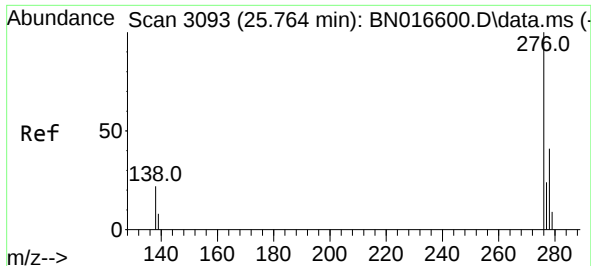
Tgt Ion:228	Resp:	20600
Ion Ratio	Lower	Upper
228	100	
226	29.9	23.7 35.5
229	19.8	15.5 23.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:264	Resp:	113234
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.9 29.9
265	23.5	19.2 28.8

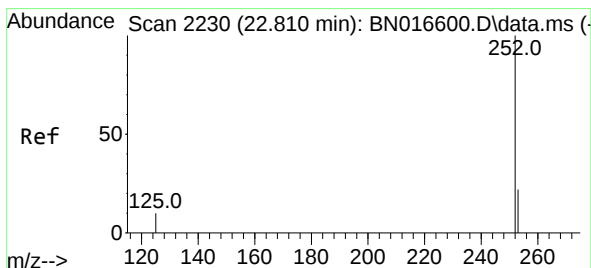
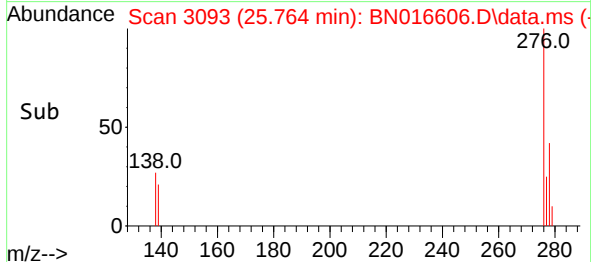
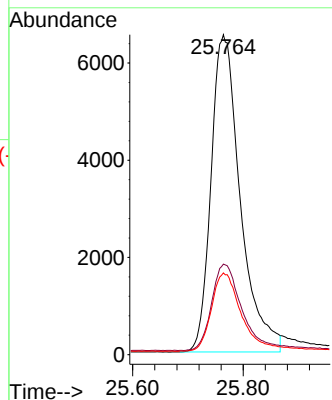
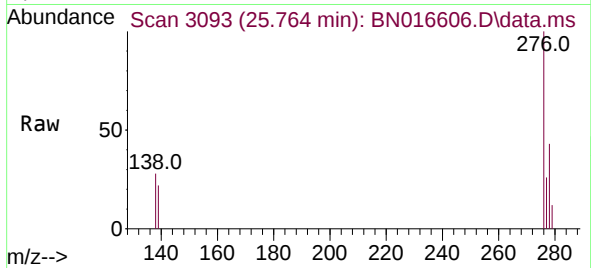




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

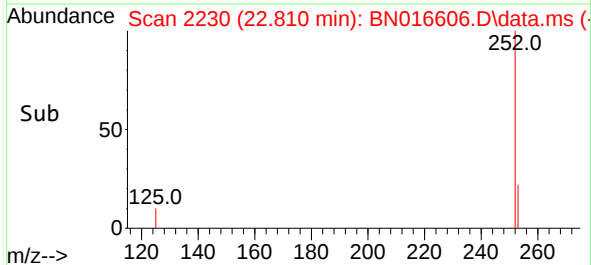
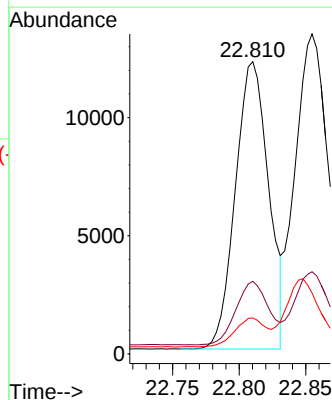
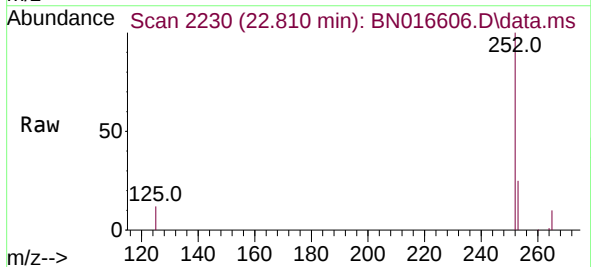
Instrument :
BNA_N
ClientSampleId :
PB139306BL

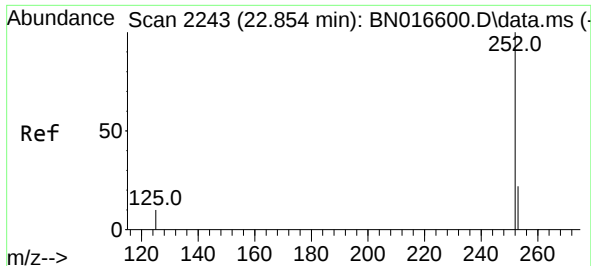
Tgt Ion:276 Resp: 23965
Ion Ratio Lower Upper
276 100
138 28.0 19.5 29.3
277 24.9 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.058 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:252 Resp: 21083
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 12.3 8.0 12.0#

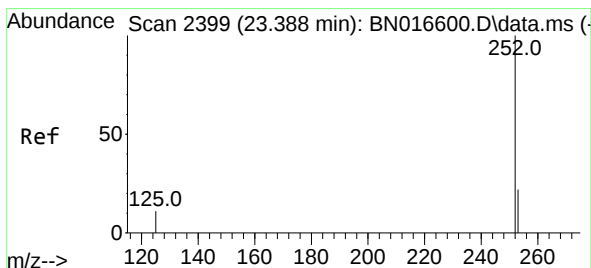
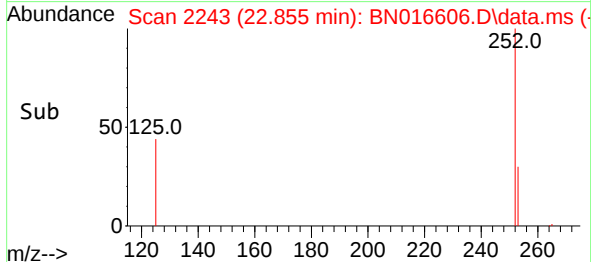
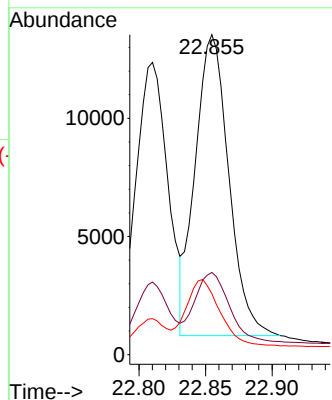
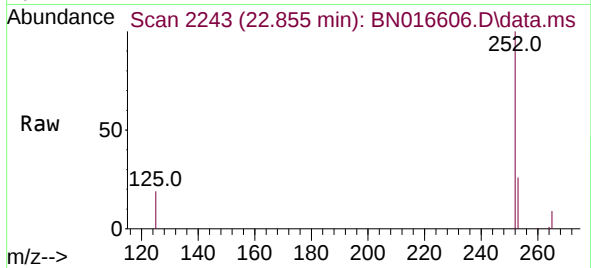




#38
Benzo(k)fluoranthene
Concen: 0.062 ng
RT: 22.855 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

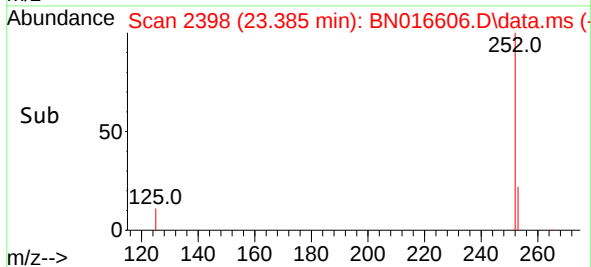
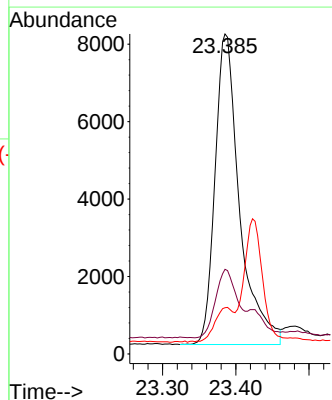
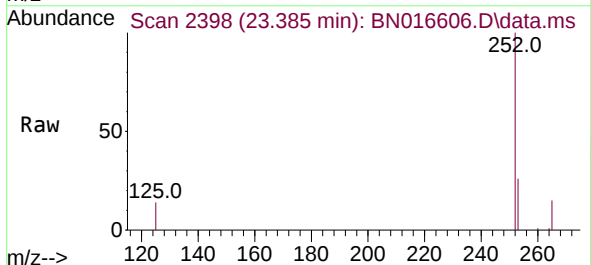
Instrument :
BNA_N
ClientSampleId :
PB139306BL

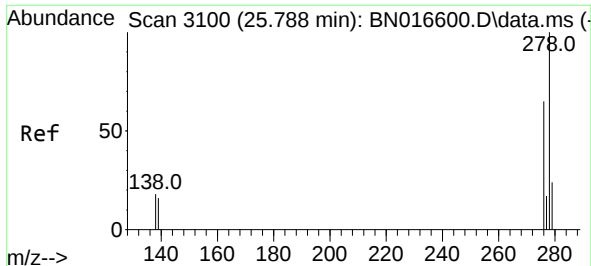
Tgt Ion:252 Resp: 22329
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 19.0 8.0 12.0#



#39
Benzo(a)pyrene
Concen: 0.058 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:252 Resp: 18646
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.8
125 14.4 9.0 13.4#

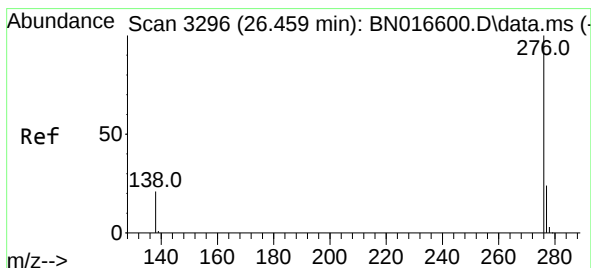
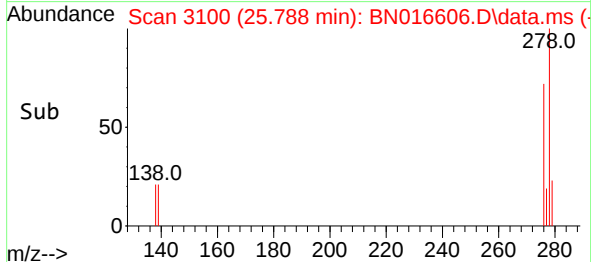
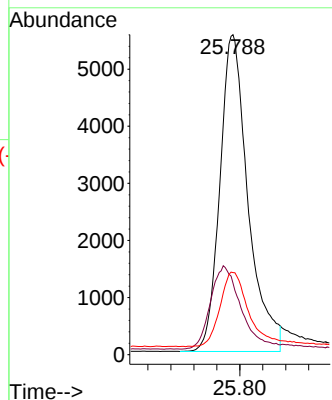
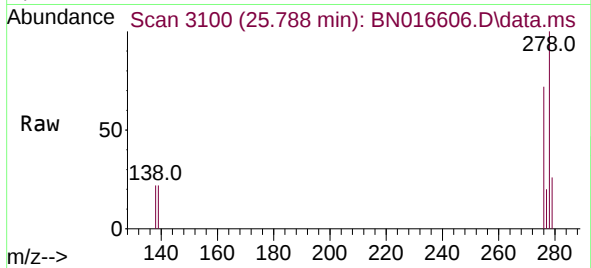




#40
Dibenzo(a,h)anthracene
Concen: 0.058 ng
RT: 25.788 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Instrument :
BNA_N
ClientSampleId :
PB139306BL

Tgt Ion:278 Resp: 18854
Ion Ratio Lower Upper
278 100
139 22.3 13.1 19.7#
279 25.7 19.1 28.7



#41
Benzo(g,h,i)perylene
Concen: 0.056 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016606.D
Acq: 30 Sep 2021 19:09

Tgt Ion:276 Resp: 20030
Ion Ratio Lower Upper
276 100
277 25.1 19.0 28.6
138 21.6 16.9 25.3

