

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016779.D
 Acq On : 06 Oct 2021 15:01
 Operator : CG/JU
 Sample : M3892-21RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-092221RE

Quant Time: Oct 06 16:00:49 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)

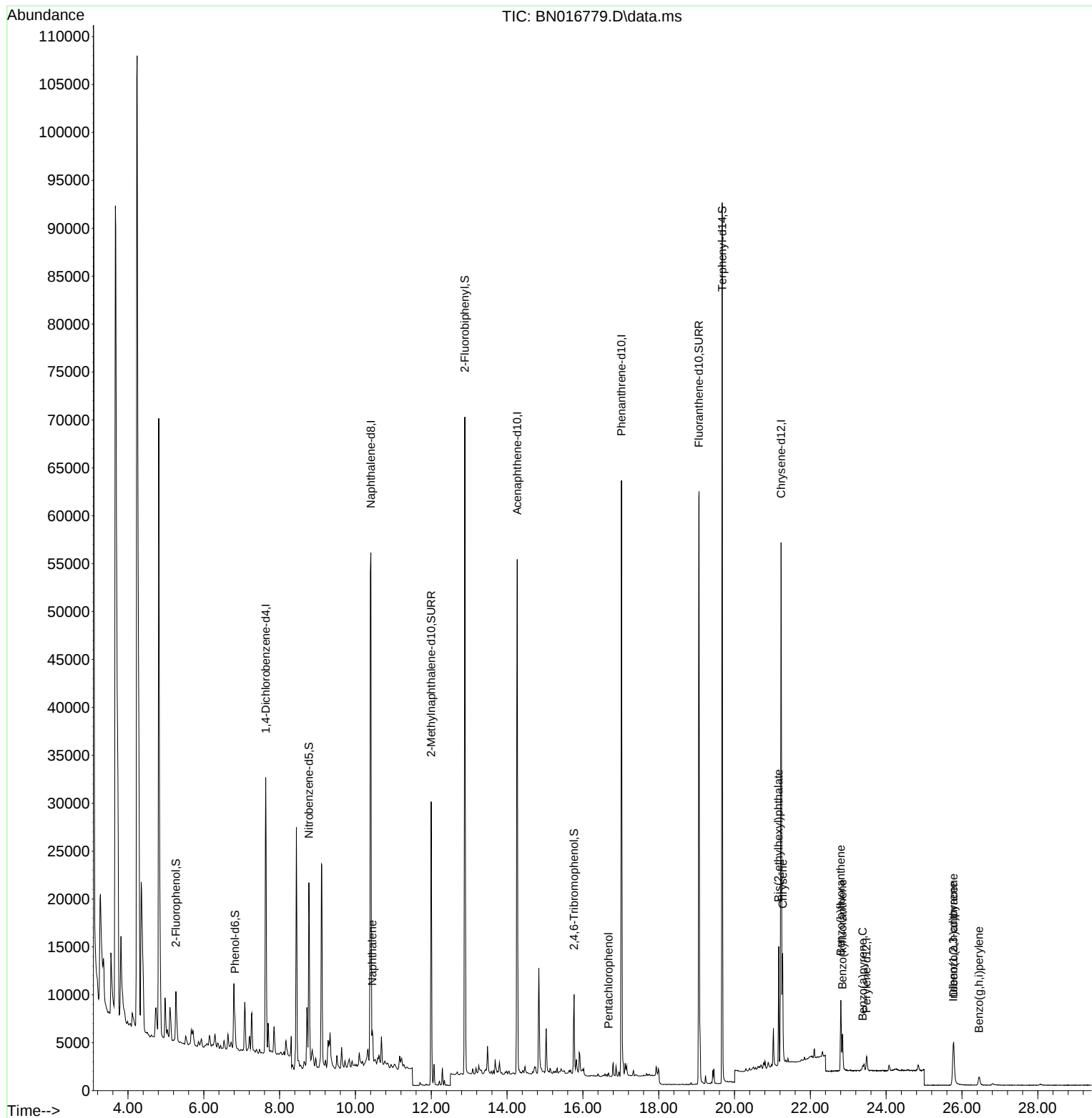
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	17026	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	78940	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	31607	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	79958	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	48876	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	1694	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	6101	0.140	ng	0.02
5) Phenol-d6	6.822	99	3461	0.072	ng	0.00
8) Nitrobenzene-d5	8.772	82	17671	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	39732	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	6956	0.499	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	58087	0.460	ng	0.00
27) Fluoranthene-d10	19.063	212	70776	0.324	ng	0.00
31) Terphenyl-d14	19.674	244	91004	0.832	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.445	128	4543	0.021	ng	# 94
24) Pentachlorophenol	16.677	266	182	0.345	ng	# 86
33) Chrysene	21.270	228	10368	0.067	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	10160	0.111	ng	99
36) Indeno(1,2,3-cd)pyrene	25.768	276	3278	0.610	ng	# 85
37) Benzo(b)fluoranthene	22.803	252	9798	1.789	ng	# 89
38) Benzo(k)fluoranthene	22.848	252	4366	0.829	ng	# 68
39) Benzo(a)pyrene	23.382	252	843	0.172	ng	# 1
40) Dibenzo(a,h)anthracene	25.778	278	6964	1.632	ng	# 89
41) Benzo(g,h,i)perylene	26.449	276	1919	0.402	ng	# 76

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

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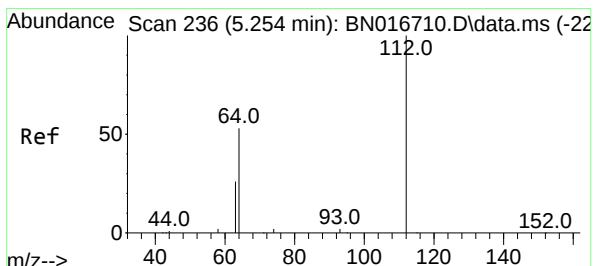
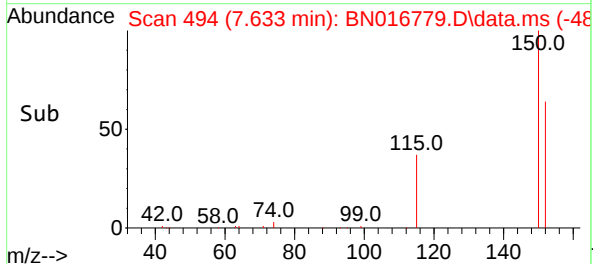
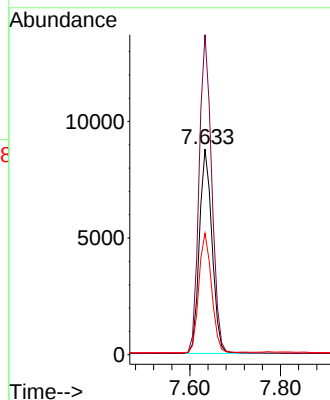
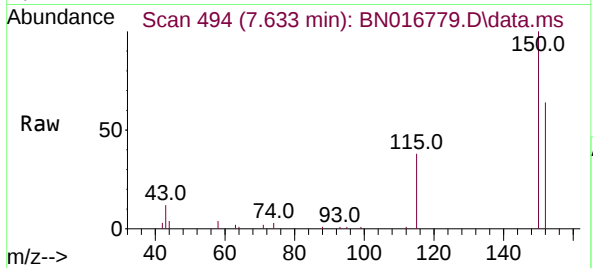




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: BN016779.D
 Acq: 06 Oct 2021 15:01

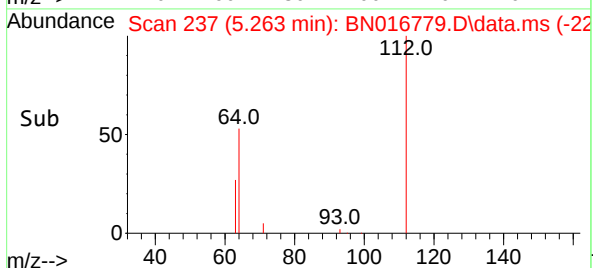
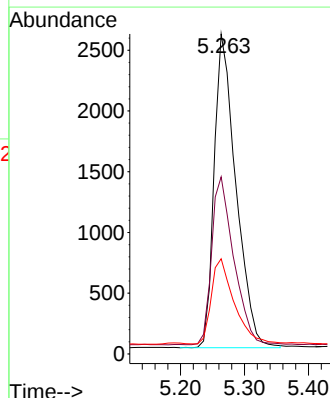
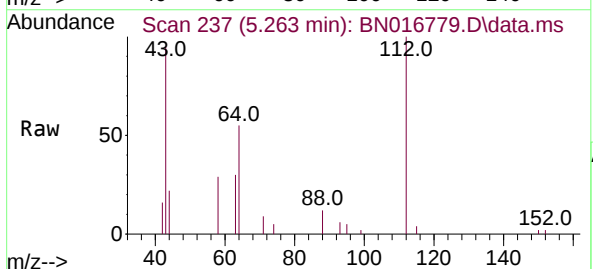
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-092221RE

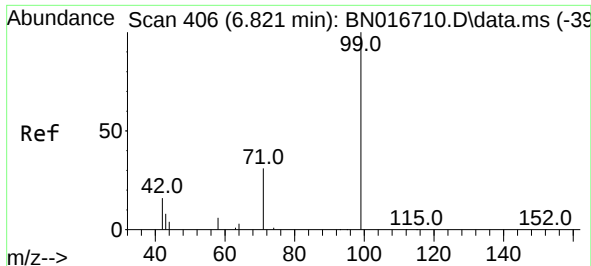
Tgt Ion:152 Resp: 17026
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.3 184.9
 115 59.1 47.0 70.6



#4
 2-Fluorophenol
 Concen: 0.140 ng
 RT: 5.263 min Scan# 237
 Delta R.T. 0.019 min
 Lab File: BN016779.D
 Acq: 06 Oct 2021 15:01

Tgt Ion:112 Resp: 6101
 Ion Ratio Lower Upper
 112 100
 64 54.5 42.9 64.3
 63 28.5 21.5 32.3

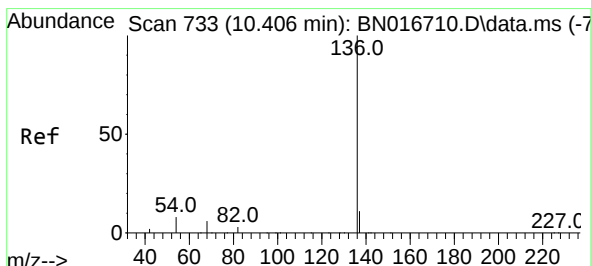
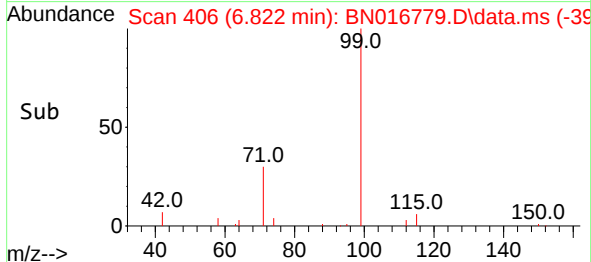
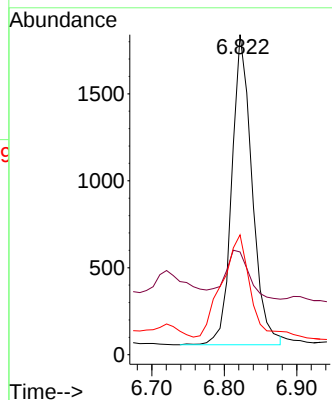
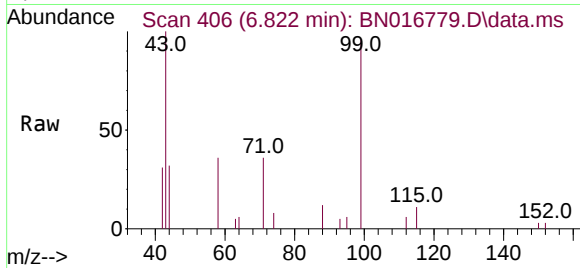




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

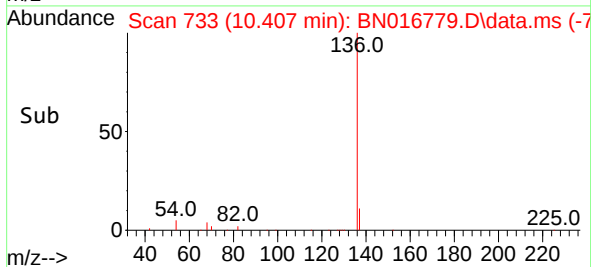
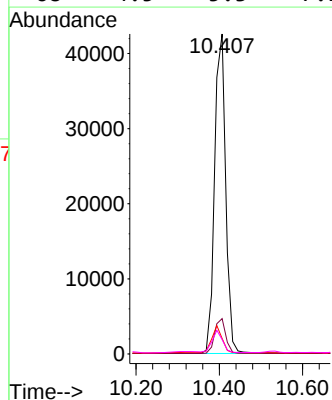
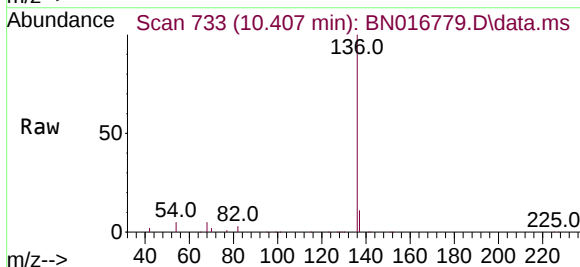
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

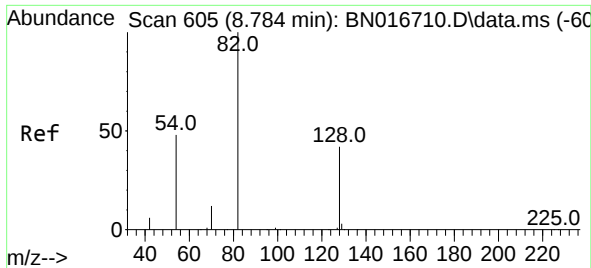
Tgt Ion: 99 Resp: 3461
Ion Ratio Lower Upper
99 100
42 18.6 13.4 20.2
71 45.0 24.0 36.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion: 136 Resp: 78940
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 4.8 6.5 9.7#
68 4.5 5.3 7.9#

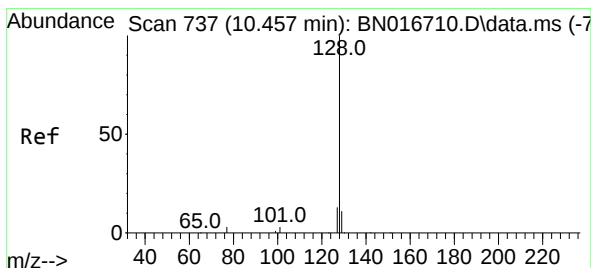
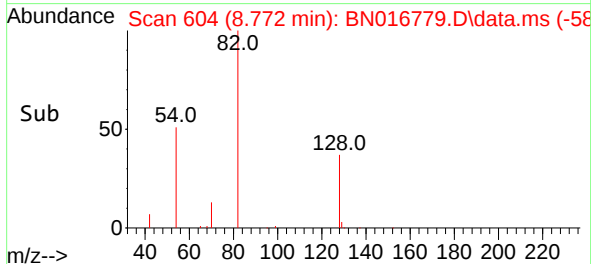
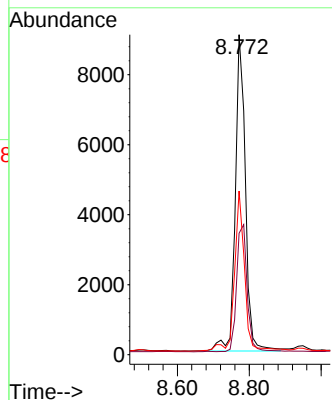
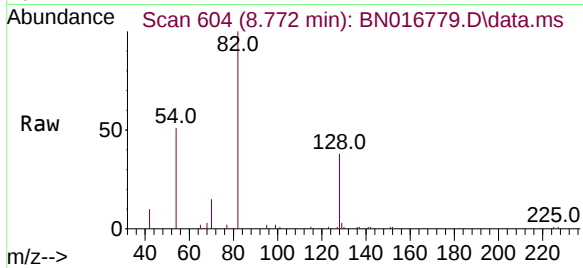




#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

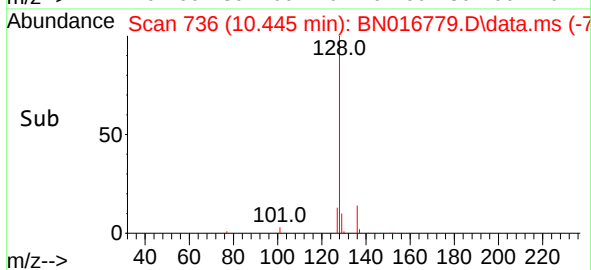
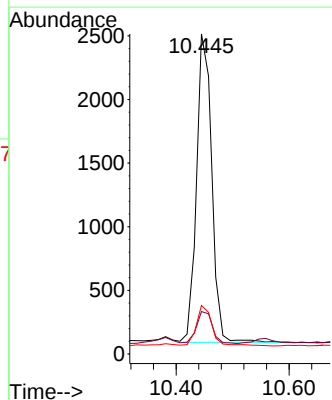
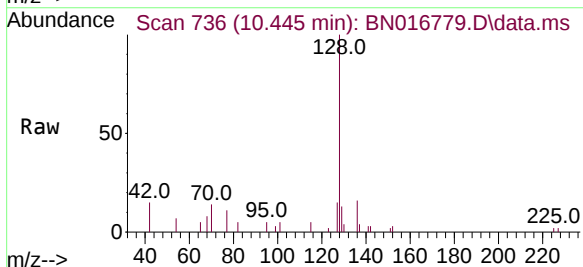
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

Tgt Ion:	82	Resp:	17671
Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.8	50.6
54	51.2	38.5	57.7



#9
Naphthalene
Concen: 0.021 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:	128	Resp:	4543
Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.7	13.1#
127	15.1	10.3	15.5

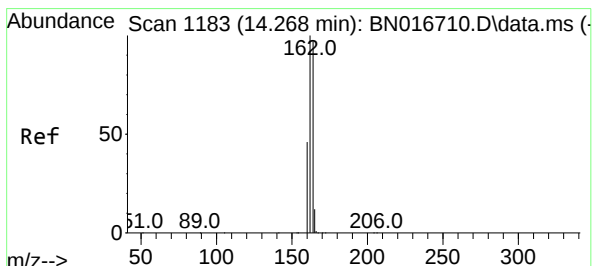
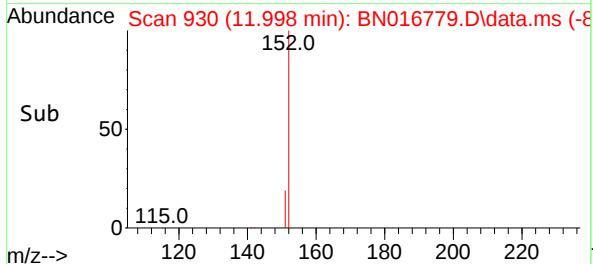
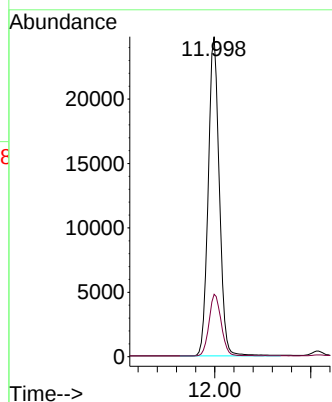
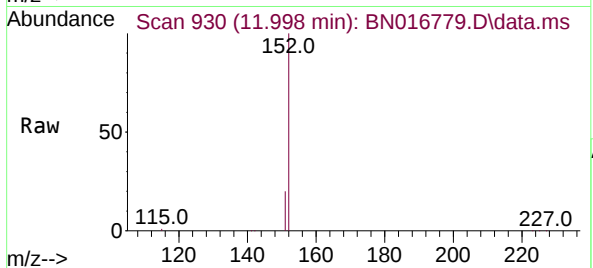




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

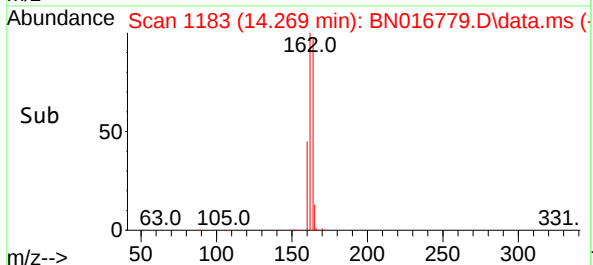
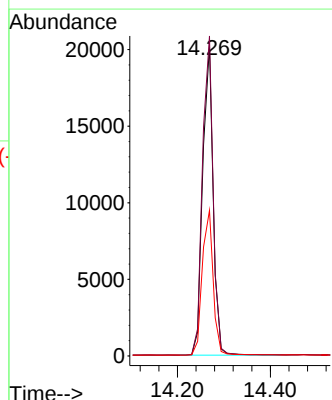
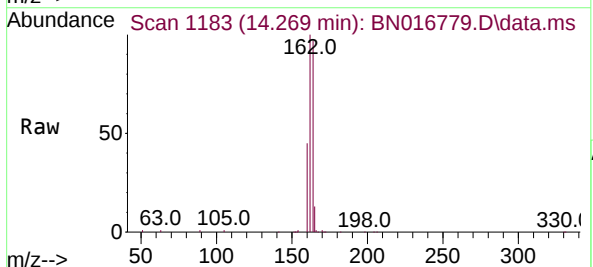
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

Tgt Ion:152 Resp: 39732
Ion Ratio Lower Upper
152 100
151 21.2 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: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:164 Resp: 31607
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 46.9 38.2 57.2

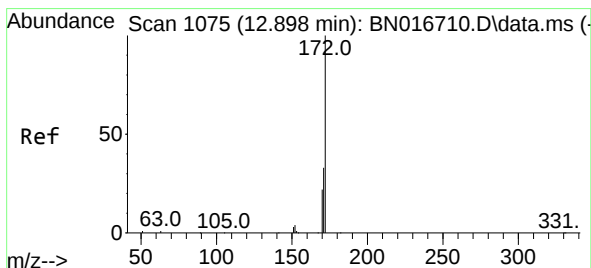
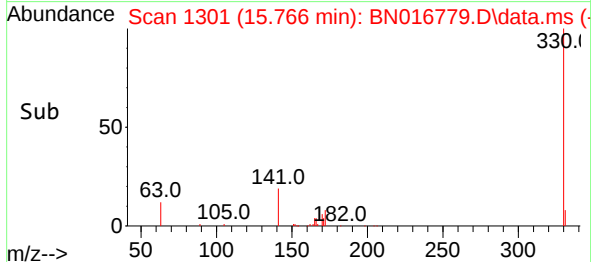
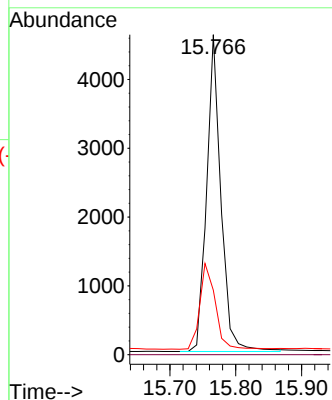
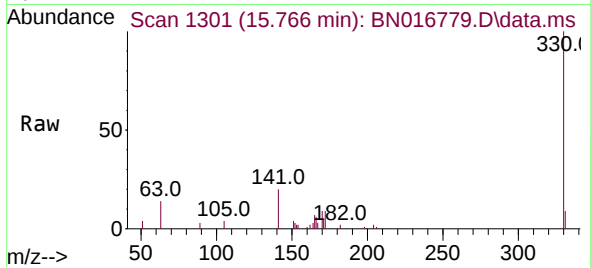




#14
2,4,6-Tribromophenol
Concen: 0.499 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

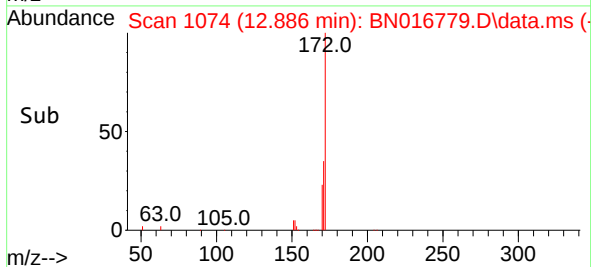
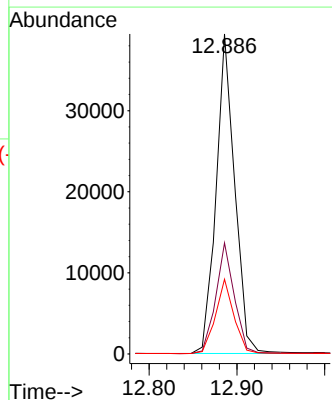
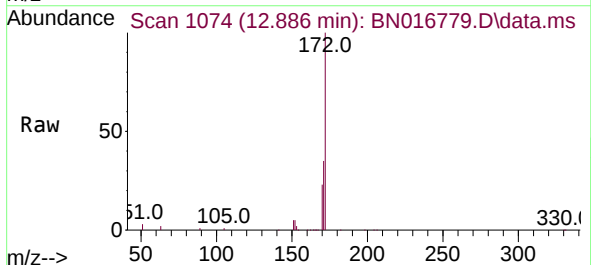
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ClientSampleId :
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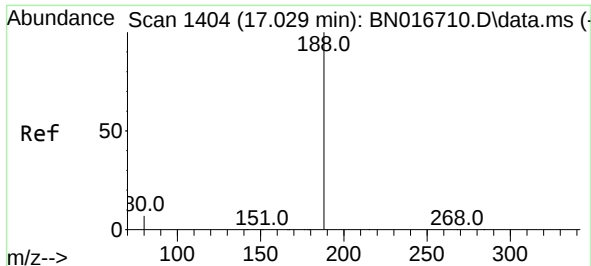
Tgt Ion:330 Resp: 6956
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:172 Resp: 58087
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 23.3 17.4 26.0

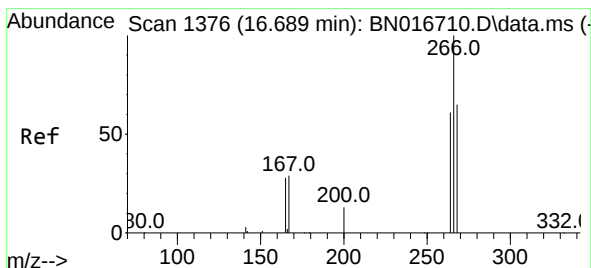
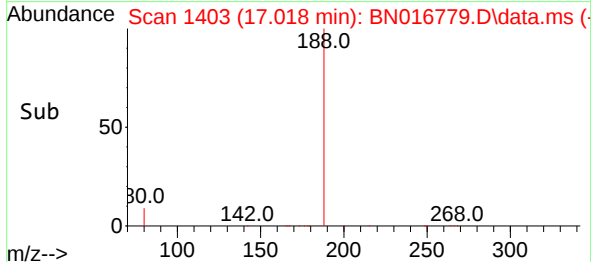
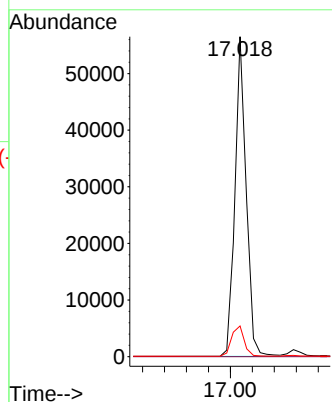
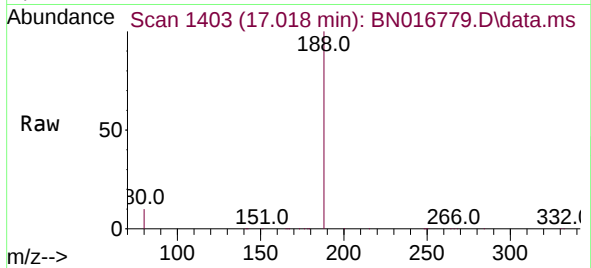




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

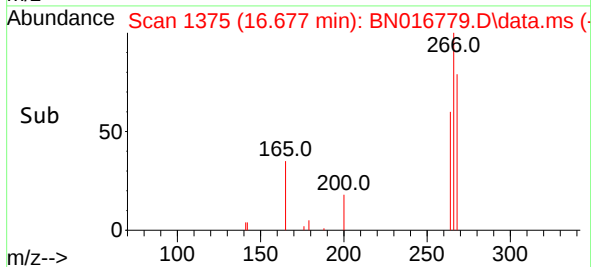
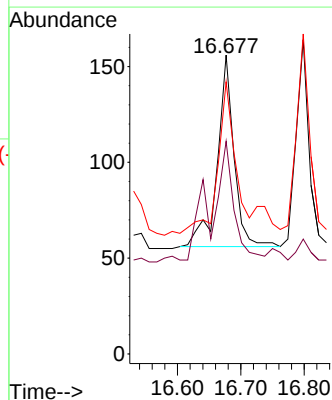
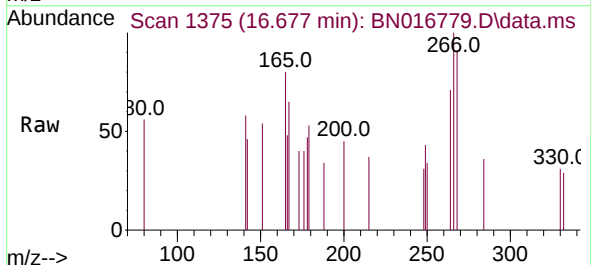
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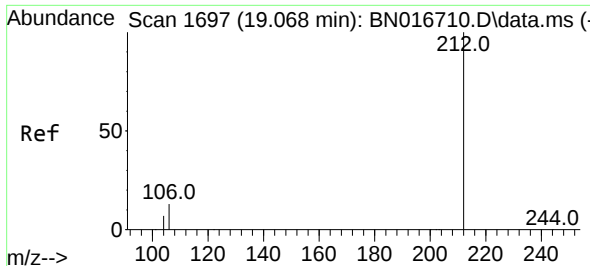
Tgt Ion:188 Resp: 79958
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 5.8 8.8#



#24
Pentachlorophenol
Concen: 0.345 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:266 Resp: 182
Ion Ratio Lower Upper
266 100
264 56.0 49.3 73.9
268 81.3 51.8 77.8#

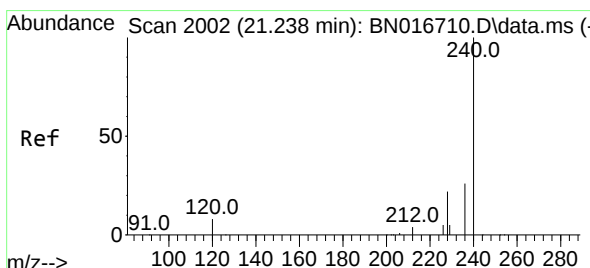
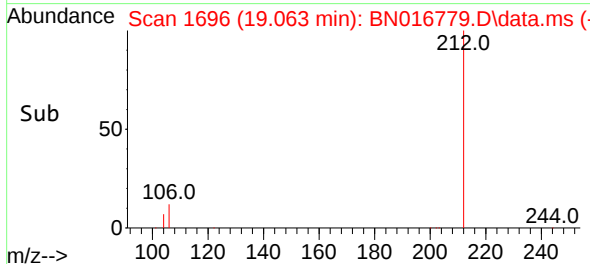
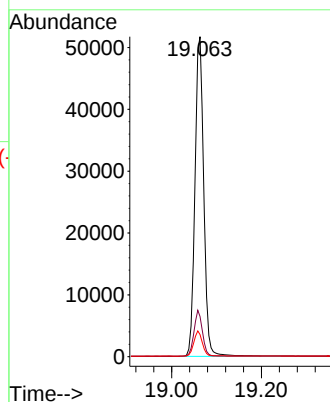
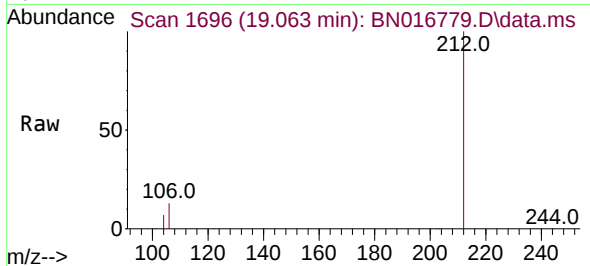




#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

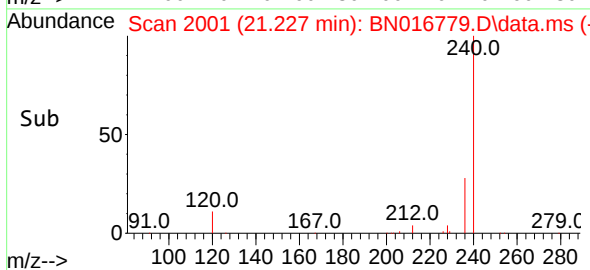
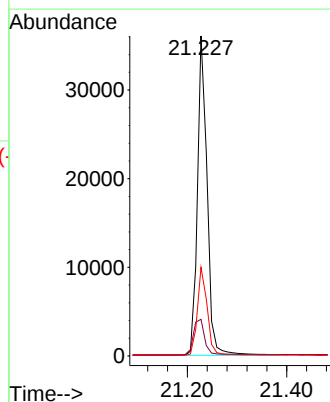
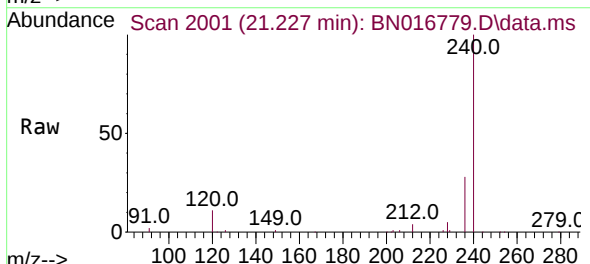
Instrument :
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EB-01-092221RE

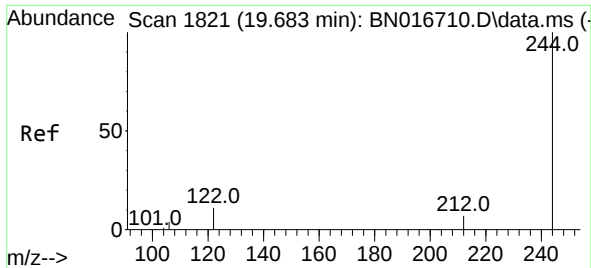
Tgt Ion:212 Resp: 70776
Ion Ratio Lower Upper
212 100
106 13.8 10.6 16.0
104 7.6 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:240 Resp: 48876
Ion Ratio Lower Upper
240 100
120 11.5 6.6 10.0#
236 27.7 20.7 31.1

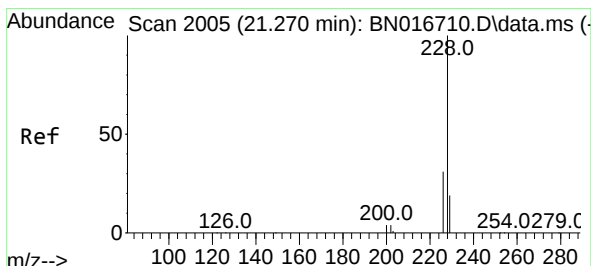
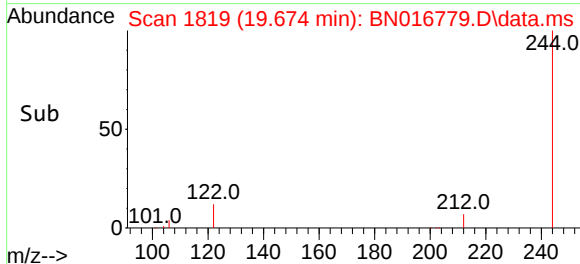
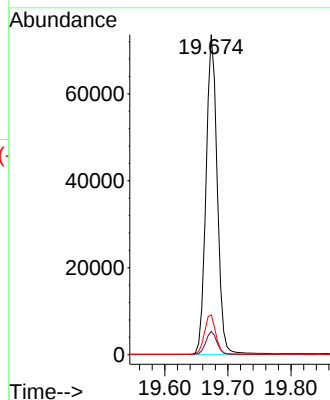
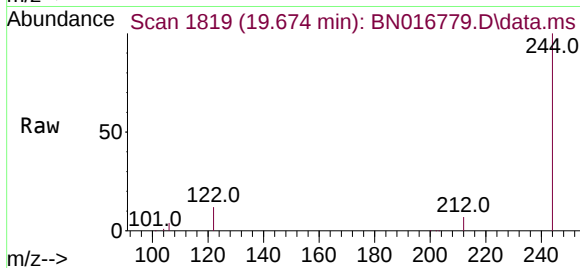




#31
Terphenyl-d14
Concen: 0.832 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

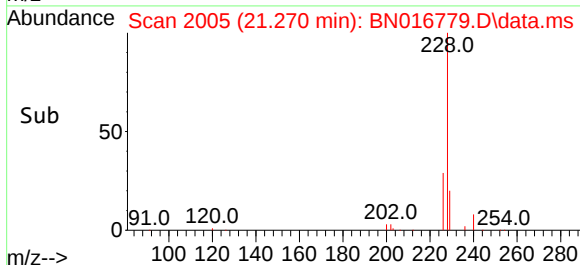
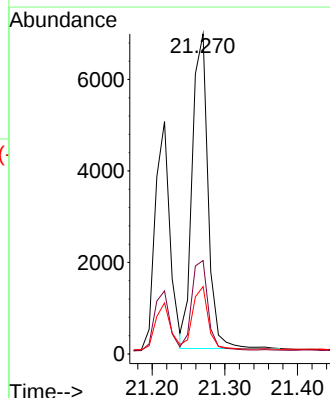
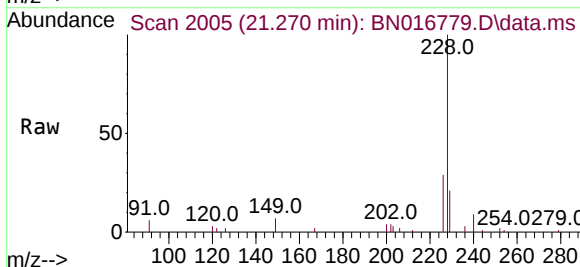
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

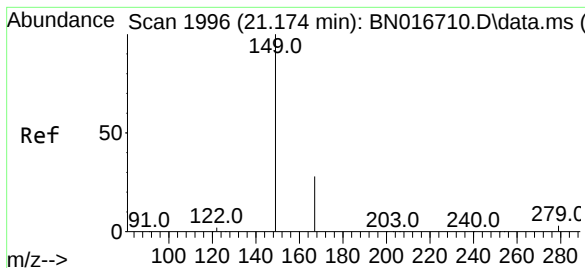
Tgt Ion:244 Resp: 91004
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.4 8.9 13.3



#33
Chrysene
Concen: 0.067 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:228 Resp: 10368
Ion Ratio Lower Upper
228 100
226 29.2 24.2 36.4
229 21.0 15.4 23.0



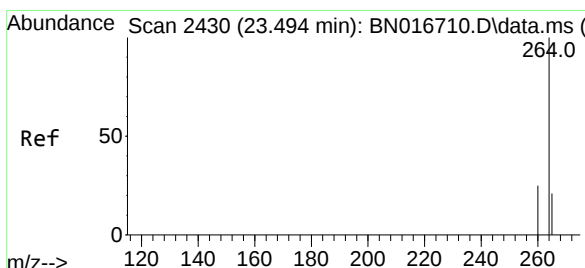
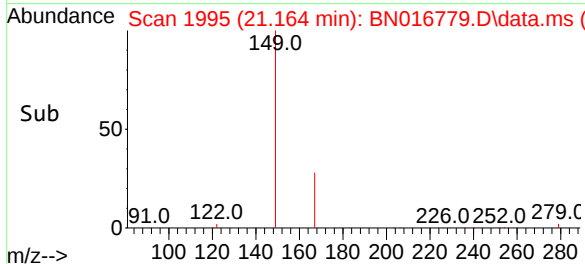
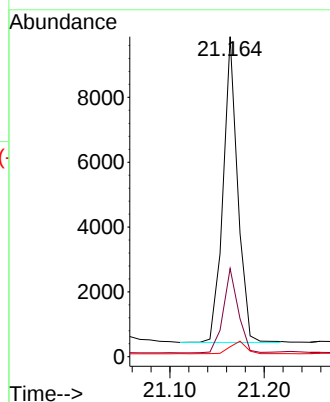
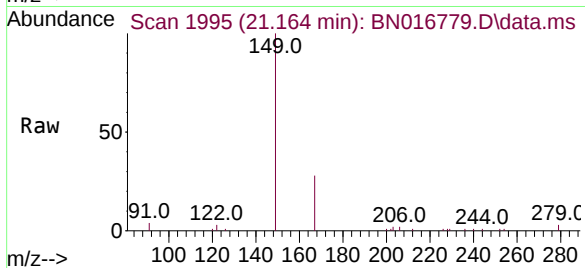


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

Tgt Ion:149 Resp: 10160

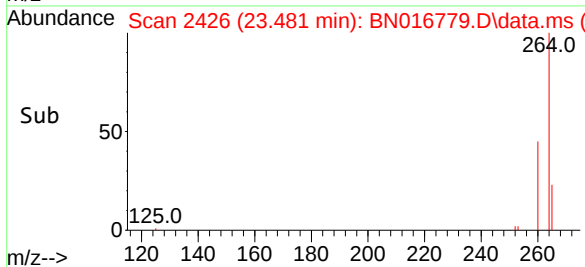
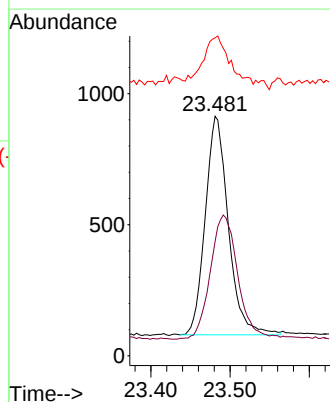
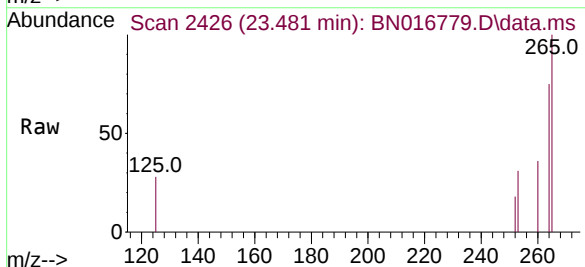
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	4.5	3.4	5.2

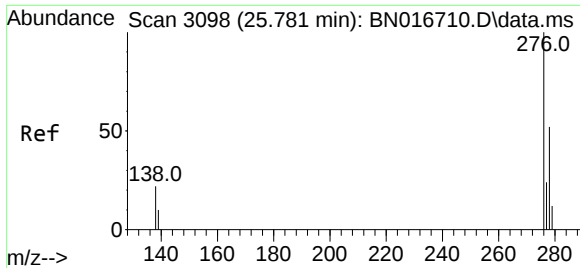


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:264 Resp: 1694

Ion	Ratio	Lower	Upper
264	100		
260	47.7	19.8	29.6#
265	132.7	20.3	30.5#

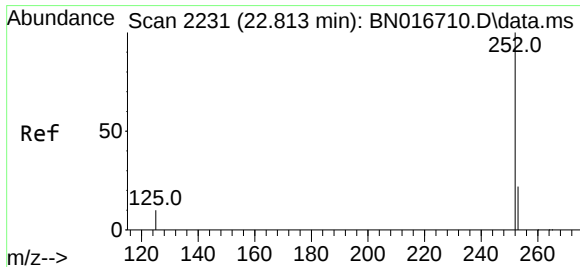
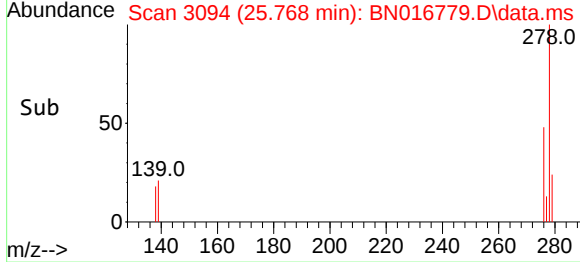
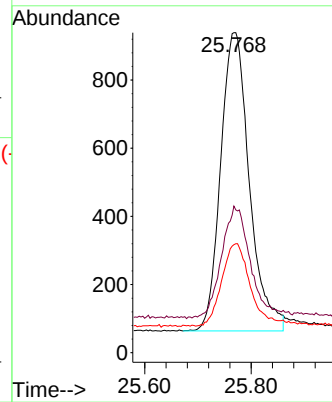
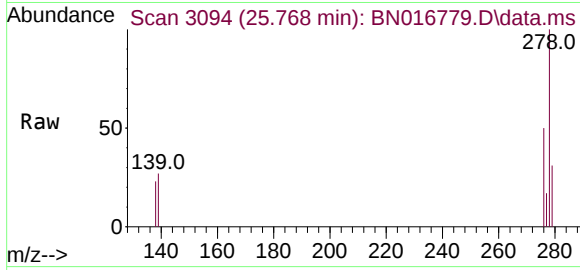




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.610 ng
RT: 25.768 min Scan# 3094
Delta R.T. 0.014 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

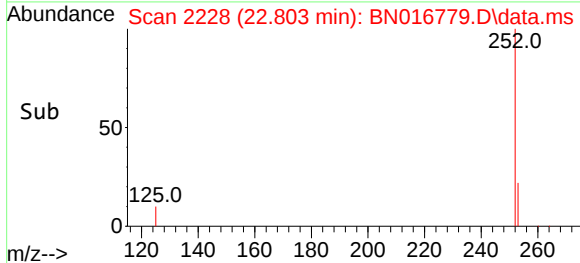
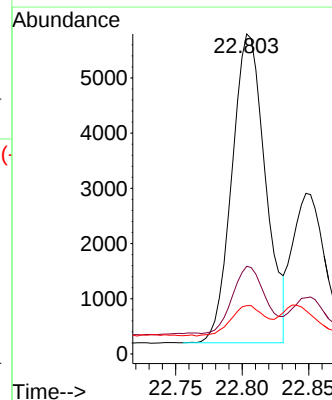
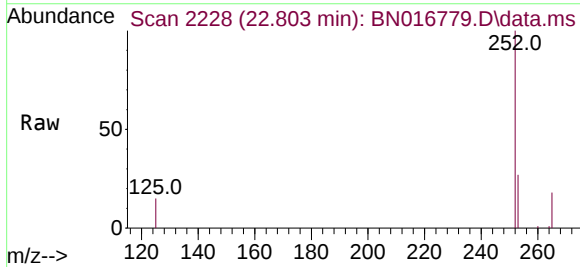
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

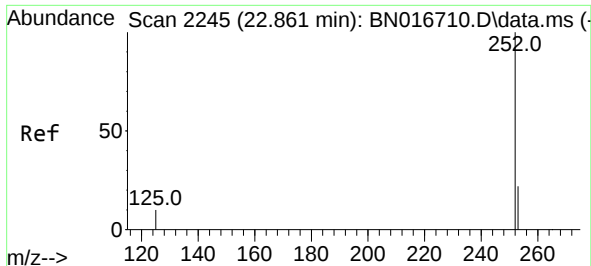
Tgt Ion:	276	Resp:	3278
Ion Ratio	Lower	Upper	
276	100		
138	37.2	19.2	28.8#
277	27.1	20.0	30.0



#37
Benzo(b)fluoranthene
Concen: 1.789 ng
RT: 22.803 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

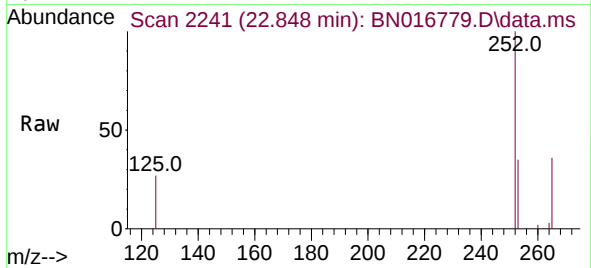
Tgt Ion:	252	Resp:	9798
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.8	26.8#
125	15.1	8.3	12.5#



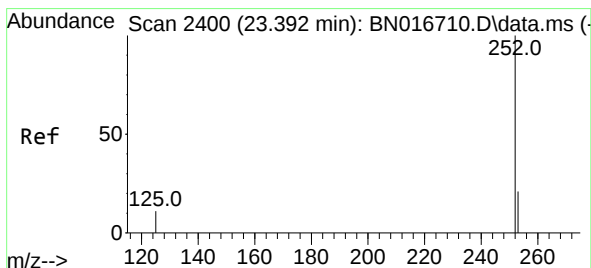
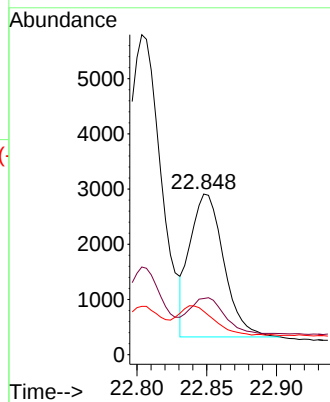
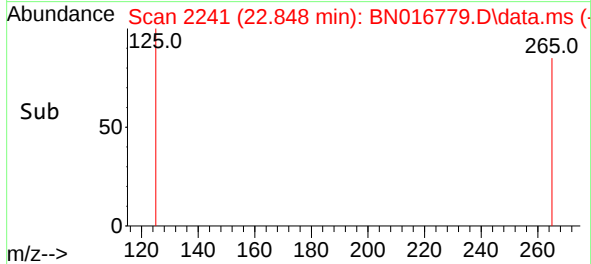


#38
Benzo(k)fluoranthene
Concen: 0.829 ng
RT: 22.848 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

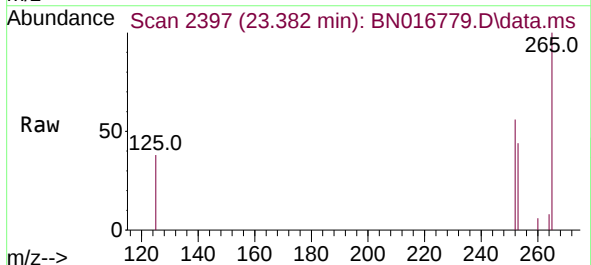
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE



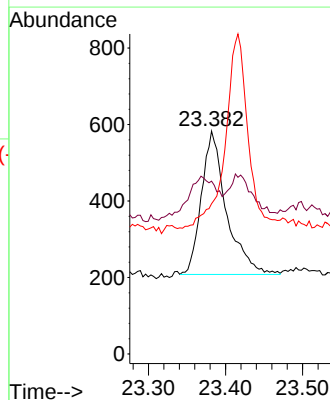
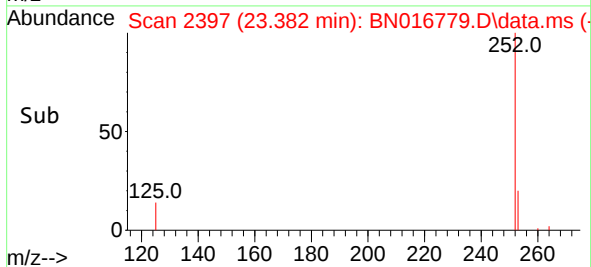
Tgt Ion:252 Resp: 4366
Ion Ratio Lower Upper
252 100
253 35.0 17.8 26.8#
125 27.0 8.5 12.7#

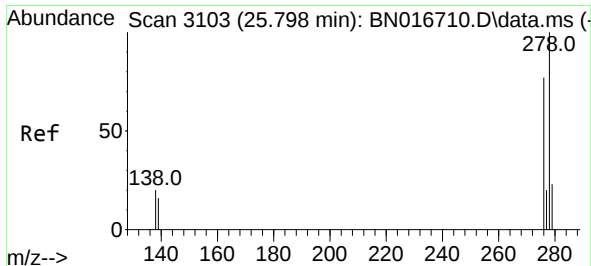


#39
Benzo(a)pyrene
Concen: 0.172 ng
RT: 23.382 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01



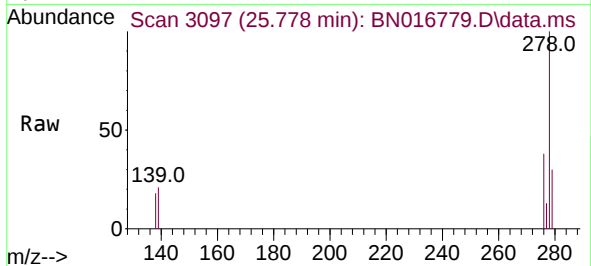
Tgt Ion:252 Resp: 843
Ion Ratio Lower Upper
252 100
253 77.5 17.9 26.9#
125 67.4 9.4 14.2#



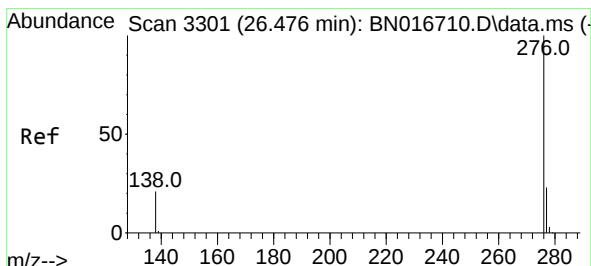
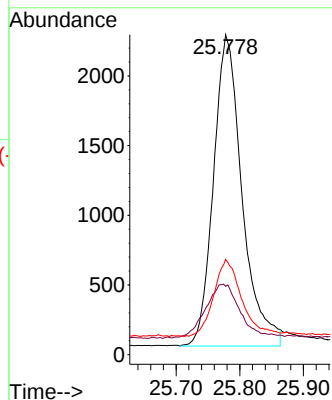
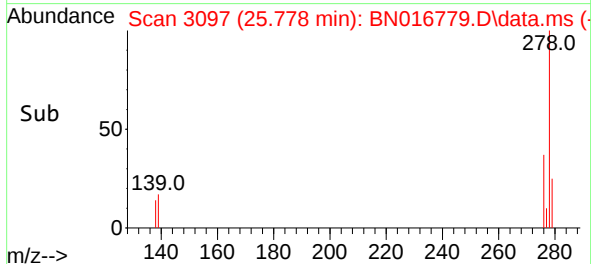


#40
Dibenzo(a,h)anthracene
Concen: 1.632 ng
RT: 25.778 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

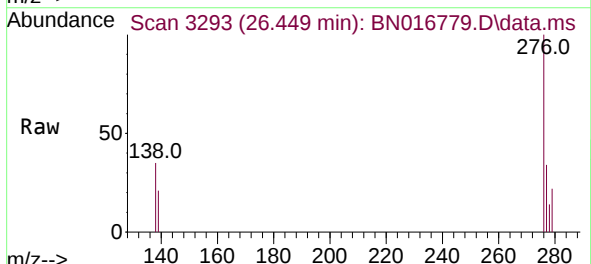
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE



Tgt Ion:278 Resp: 6964
Ion Ratio Lower Upper
278 100
139 21.3 13.1 19.7#
279 29.7 19.3 28.9#



#41
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.449 min Scan# 3293
Delta R.T. -0.003 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01



Tgt Ion:276 Resp: 1919
Ion Ratio Lower Upper
276 100
277 33.6 19.0 28.4#
138 35.0 17.0 25.6#

