

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016622.D
 Acq On : 01 Oct 2021 06:00
 Operator : CG/JU
 Sample : M3986-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Oct 01 07:24:29 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)

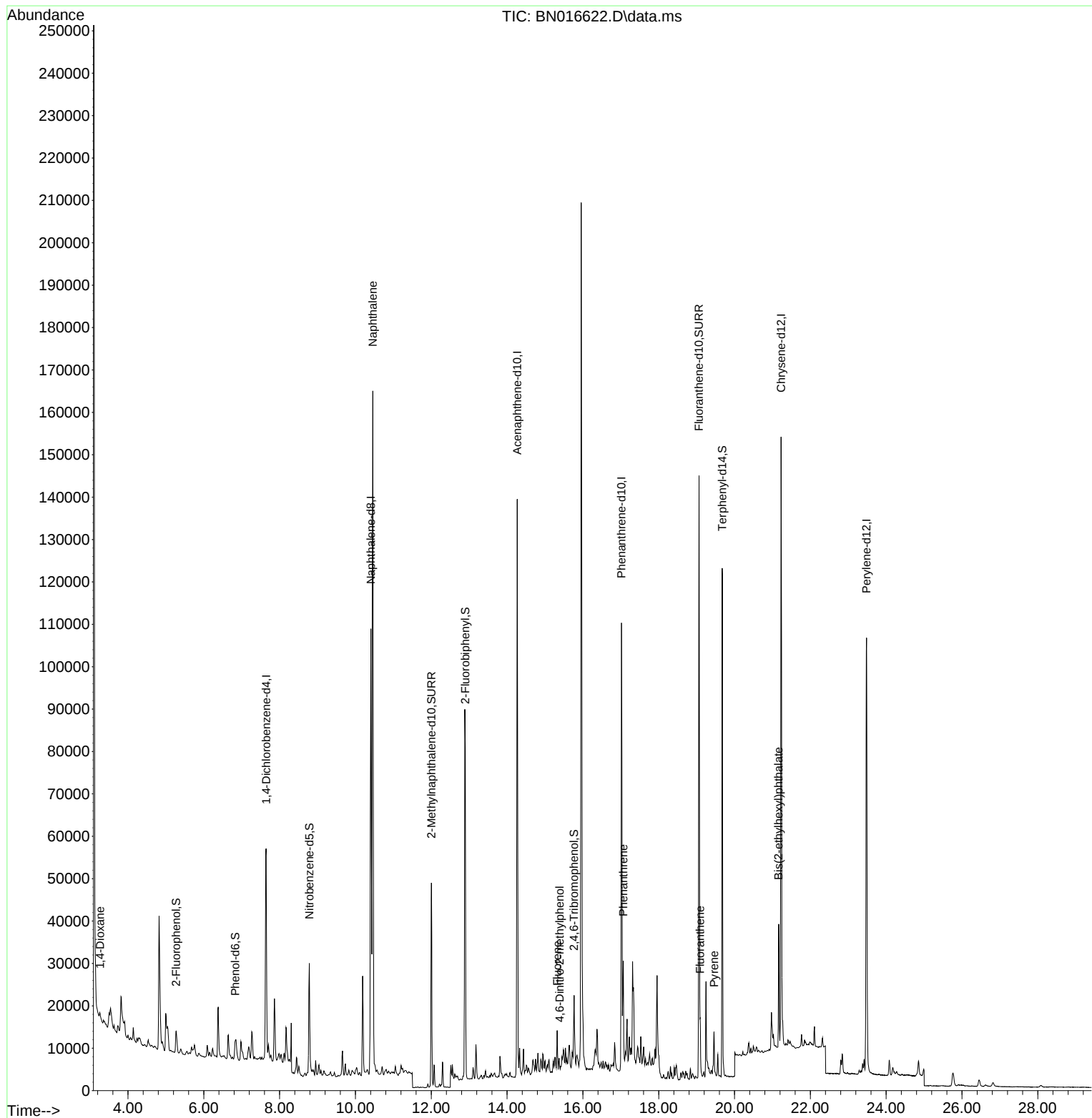
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29827	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	138048	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	74581	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	141033	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	135318	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	138438	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	7347	0.097	ng	0.02
5) Phenol-d6	6.831	99	4460	0.054	ng	0.00
8) Nitrobenzene-d5	8.784	82	24135	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	65733	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11861	0.349	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	84872	0.281	ng	0.00
27) Fluoranthene-d10	19.063	212	154376	0.412	ng	0.00
31) Terphenyl-d14	19.678	244	119652	0.407	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.262	88	361	0.026	ng	# 1
9) Naphthalene	10.457	128	209099	0.557	ng	100
18) Fluorene	15.322	166	6847	0.026	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.385	198	24	0.138	ng	# 1
25) Phenanthrene	17.066	178	28132	0.066	ng	# 92
28) Fluoranthene	19.092	202	10492	0.023	ng	# 93
30) Pyrene	19.460	202	10406	0.024	ng	97
34) Bis(2-ethylhexyl)phtha...	21.163	149	28716	0.173	ng	99

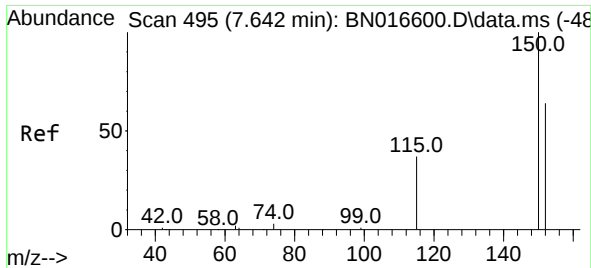
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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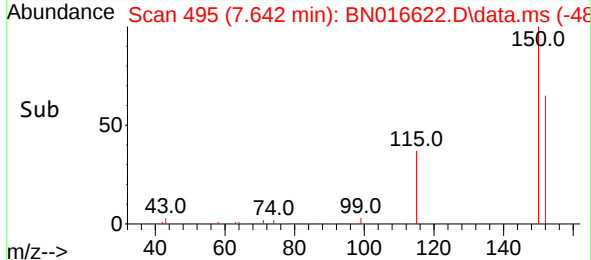
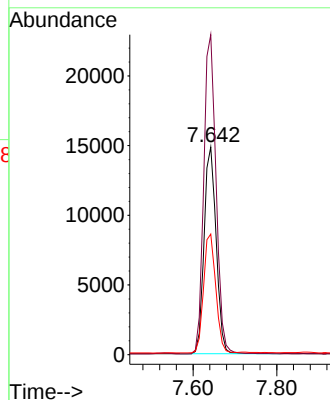
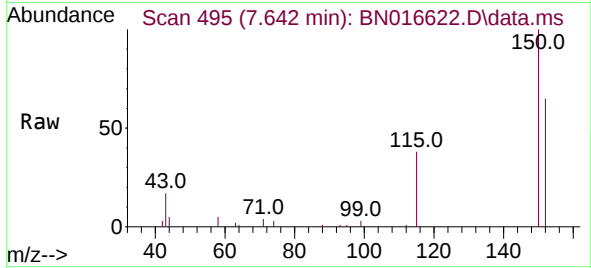




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016622.D
 Acq: 01 Oct 2021 06:00

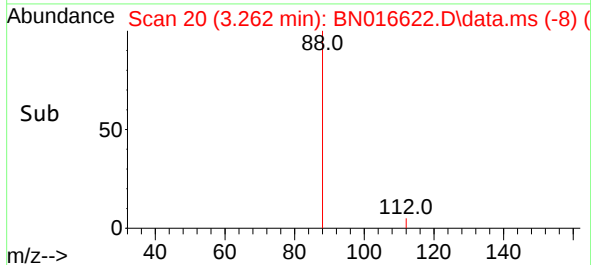
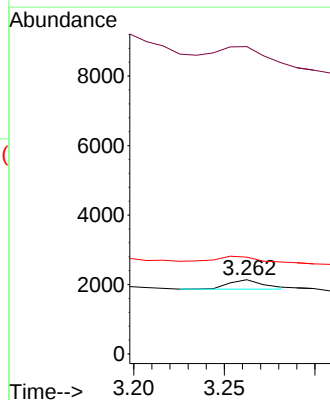
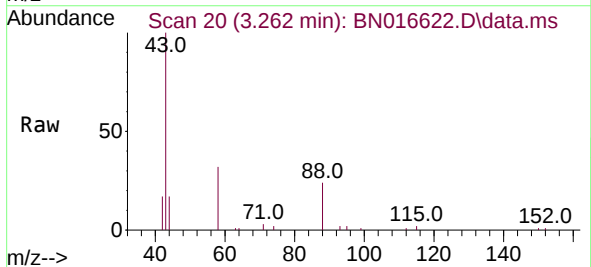
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion: 152 Resp: 29827
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 58.1 46.5 69.7



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.262 min Scan# 20
 Delta R.T. 0.009 min
 Lab File: BN016622.D
 Acq: 01 Oct 2021 06:00

Tgt Ion: 88 Resp: 361
 Ion Ratio Lower Upper
 88 100
 43 209.1 37.8 56.8#
 58 62.0 61.3 91.9

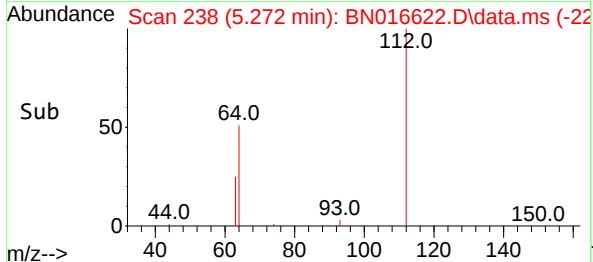
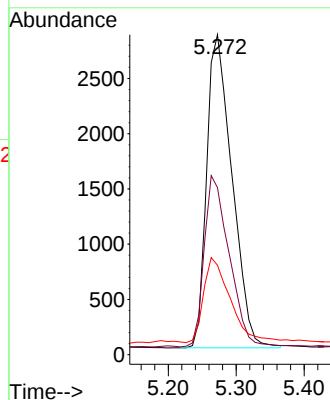
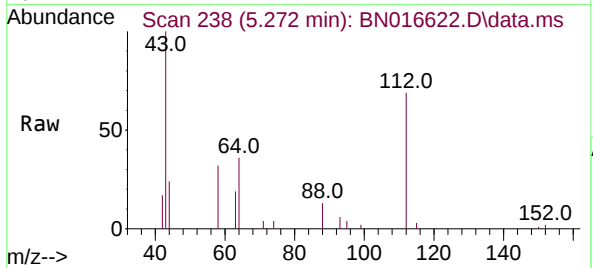




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

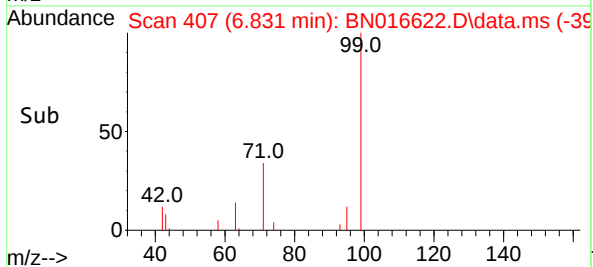
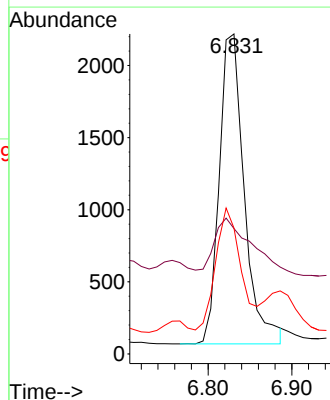
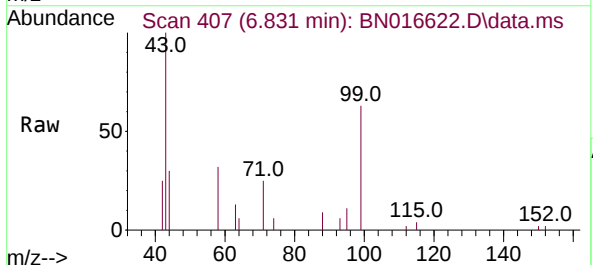
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

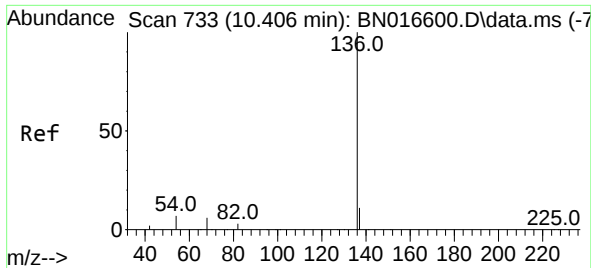
Tgt Ion:	112	Resp:	7347
Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.1	64.7
63	28.6	21.6	32.4



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:	99	Resp:	4460
Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.0	19.6#
71	39.7	23.5	35.3#

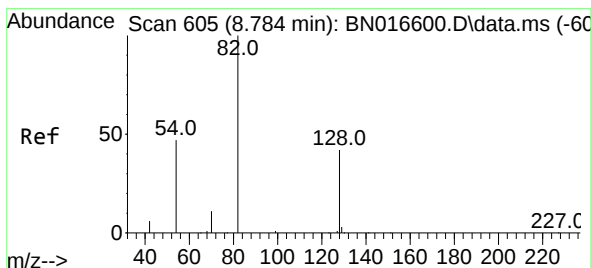
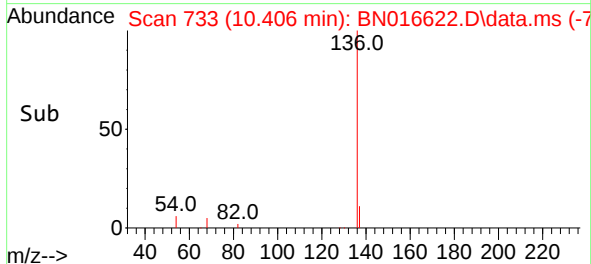
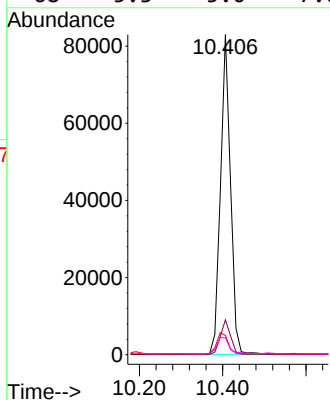
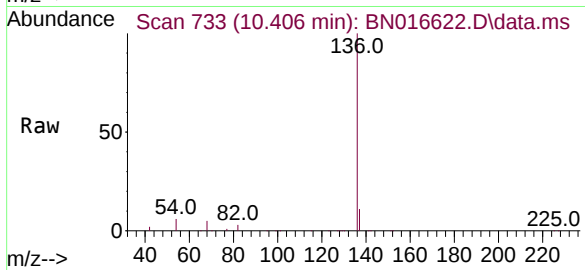




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

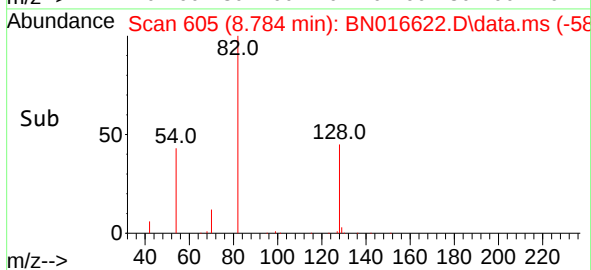
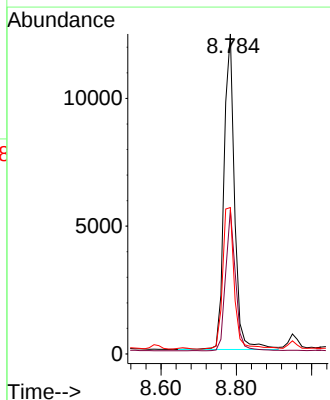
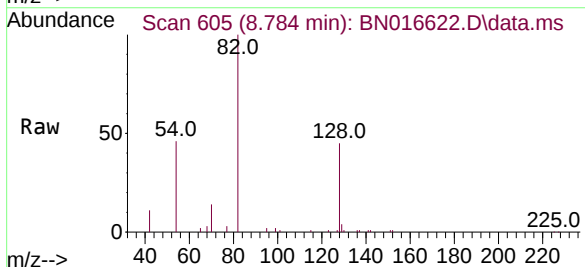
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

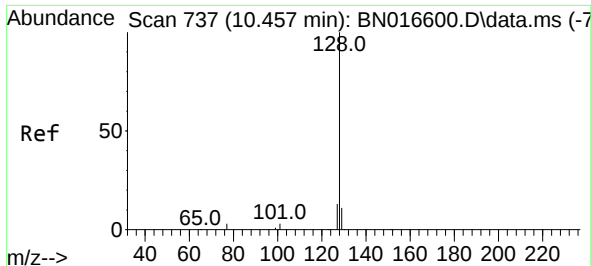
Tgt Ion:	136	Resp:	138048
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.1	5.9	8.9
68	5.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:	82	Resp:	24135
Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.6	50.4
54	45.7	37.6	56.4

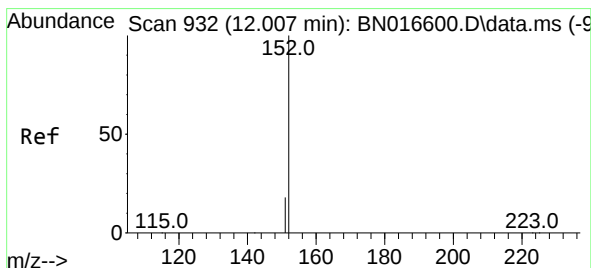
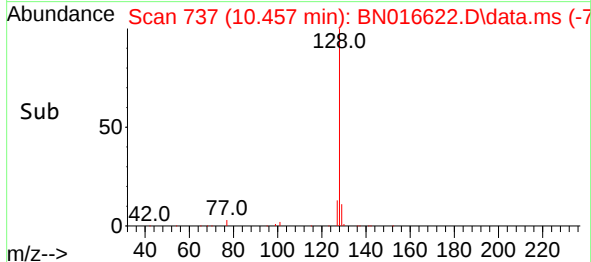
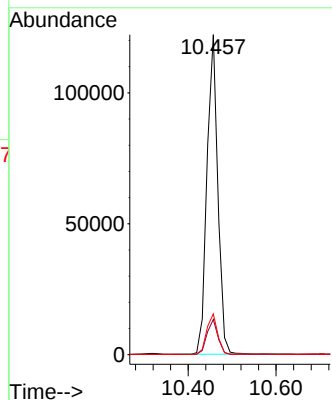
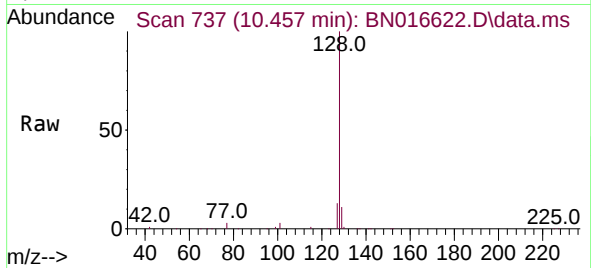




#9
Naphthalene
Concen: 0.557 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

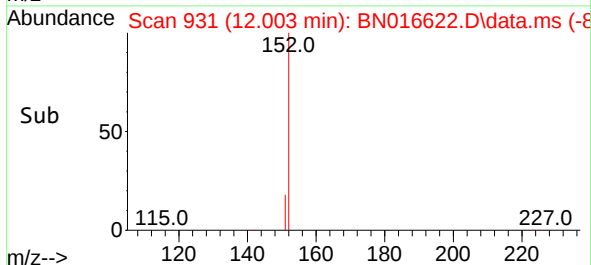
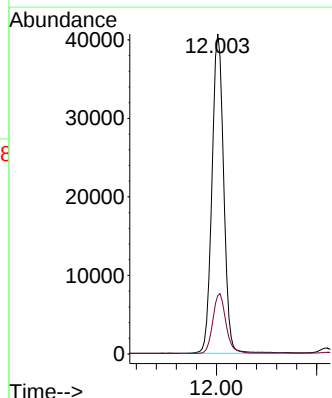
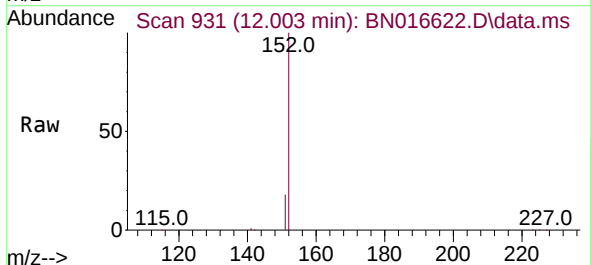
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

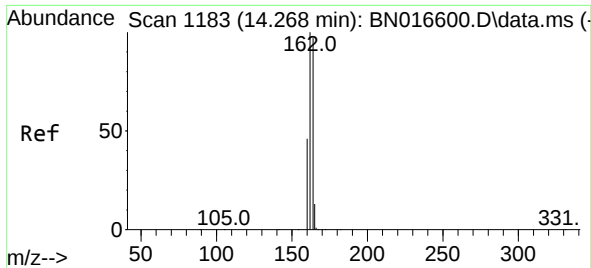
Tgt Ion:128 Resp: 209099
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.3 15.5



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:152 Resp: 65733
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4

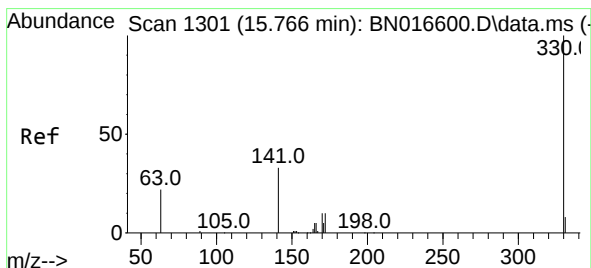
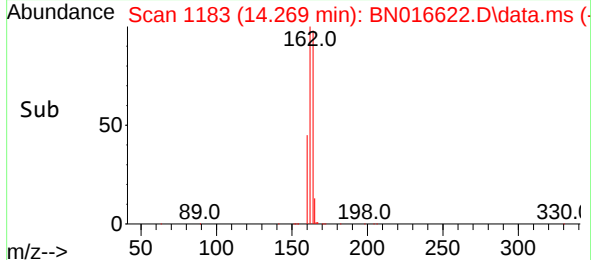
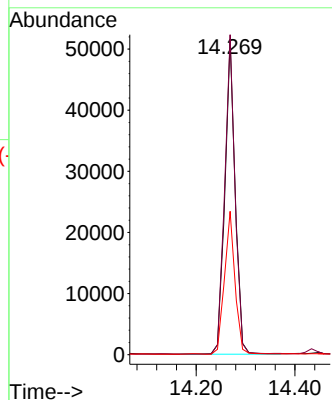
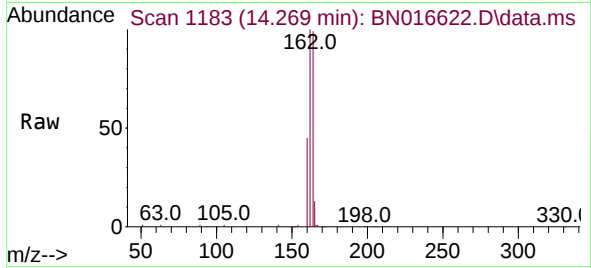




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

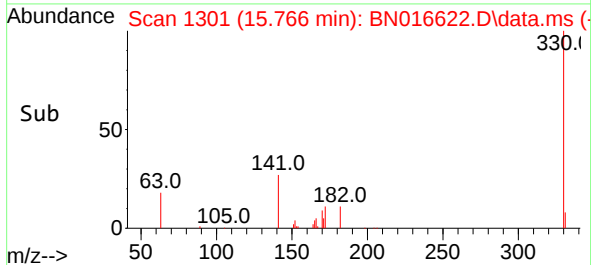
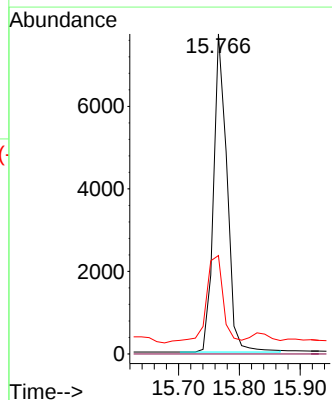
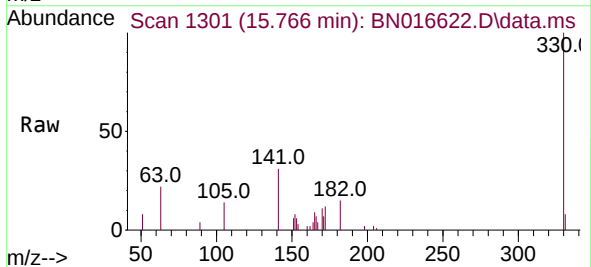
Instrument :
BNA_N
ClientSampleId :
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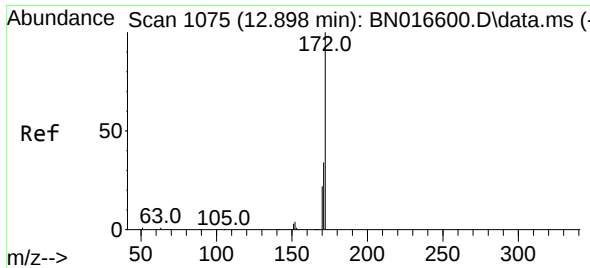
Tgt Ion:164 Resp: 74581
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 45.4 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:330 Resp: 11861
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.9 25.2 37.8

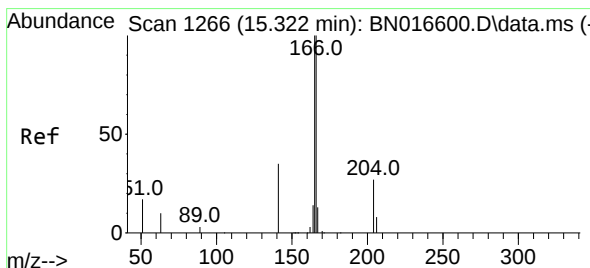
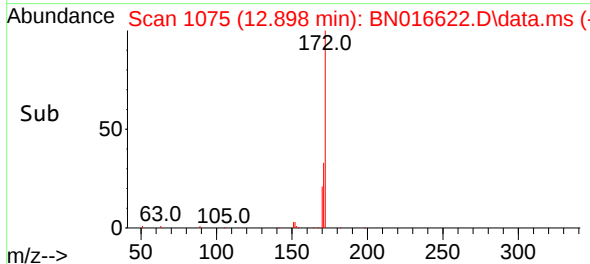
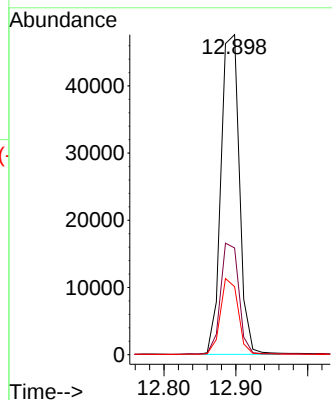
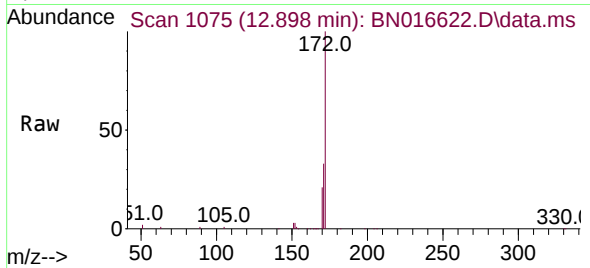




#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

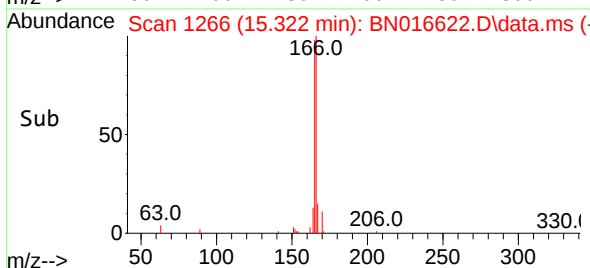
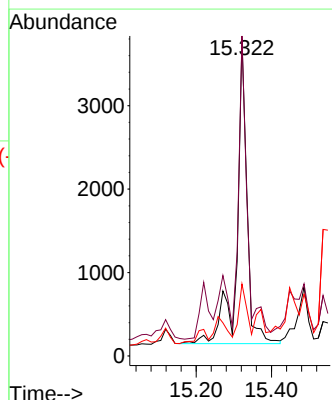
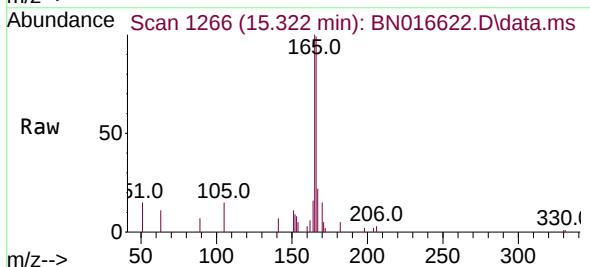
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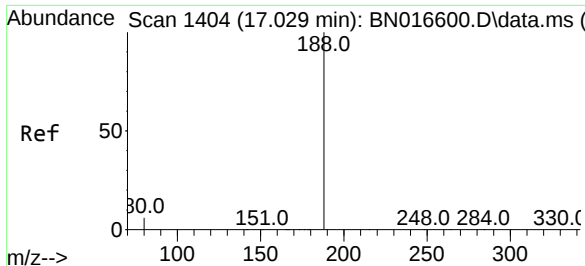
Tgt Ion:172 Resp: 84872
Ion Ratio Lower Upper
172 100
171 33.3 27.0 40.4
170 21.2 17.4 26.2



#18
Fluorene
Concen: 0.026 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:166 Resp: 6847
Ion Ratio Lower Upper
166 100
165 77.5 77.9 116.9#
167 12.9 10.7 16.1

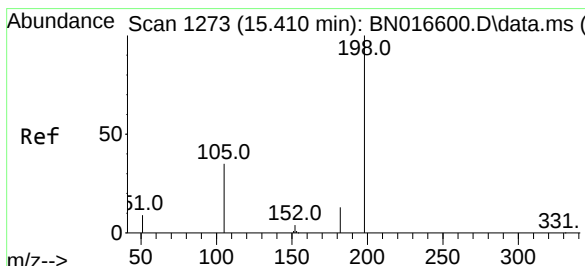
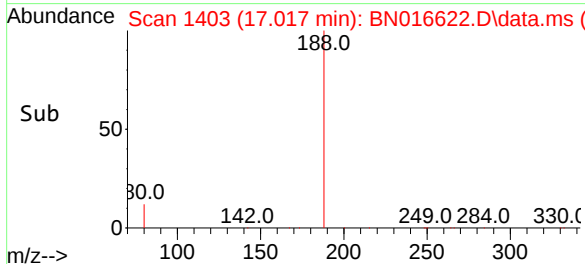
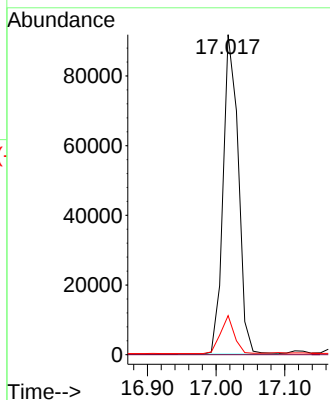
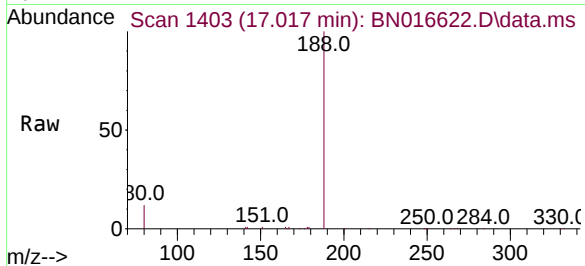




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

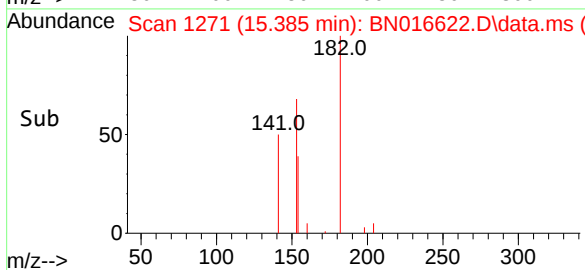
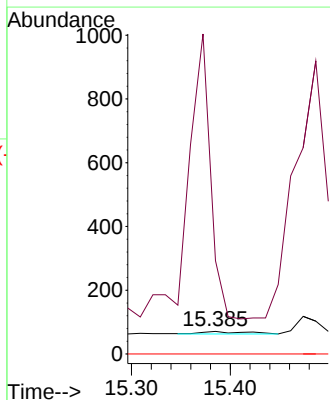
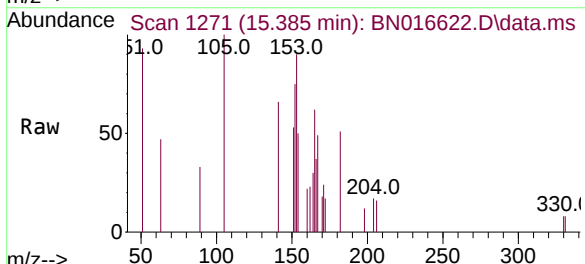
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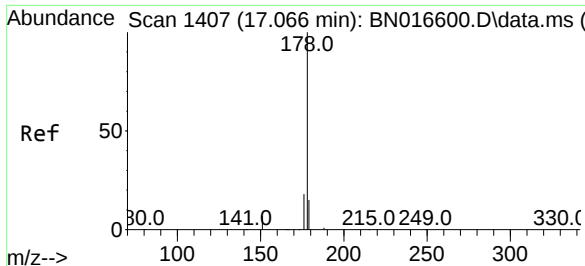
Tgt Ion:188 Resp: 141033
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 412.7 11.8 17.8#
77 0.0 0.0 0.0

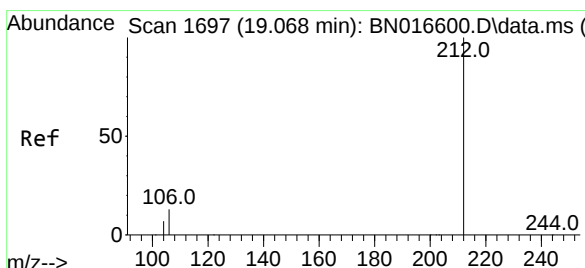
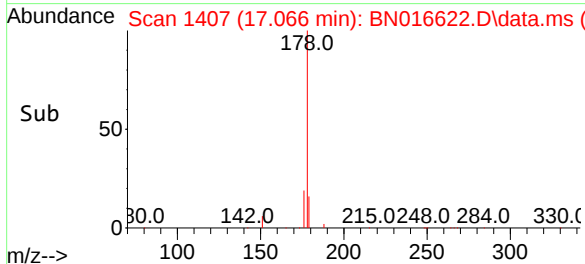
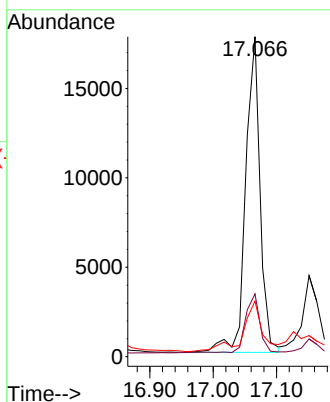
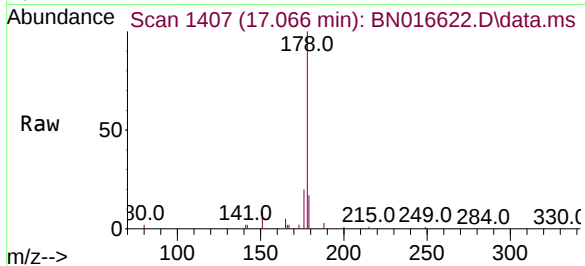




#25
Phenanthrene
Concen: 0.066 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

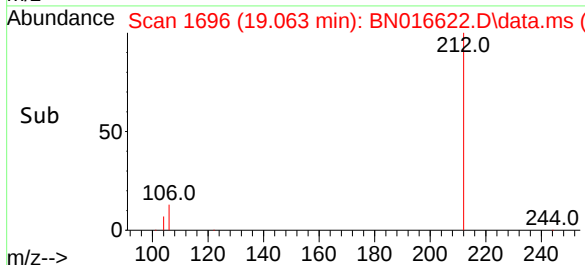
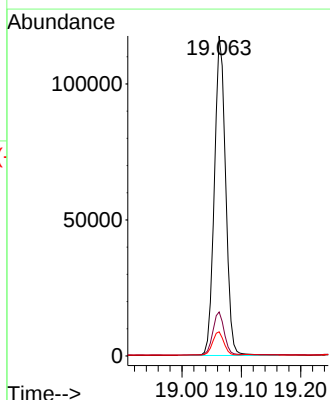
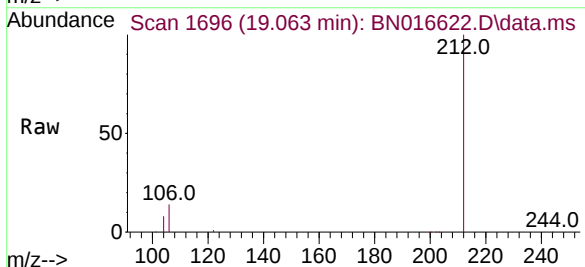
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

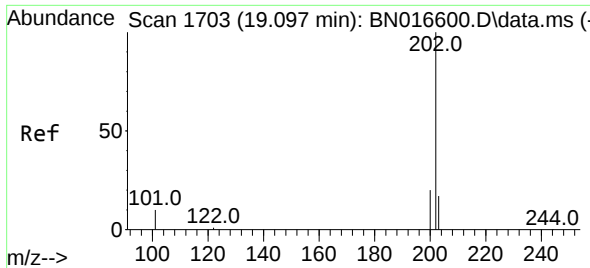
Tgt Ion:178	Resp:	28132
Ion Ratio	Lower	Upper
178	100	
176	17.7	15.0 22.4
179	21.2	12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:212	Resp:	154376
Ion Ratio	Lower	Upper
212	100	
106	13.7	10.6 16.0
104	7.4	5.9 8.9

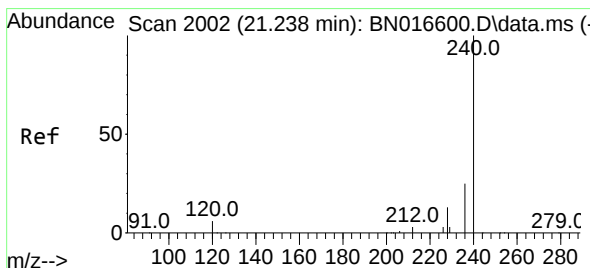
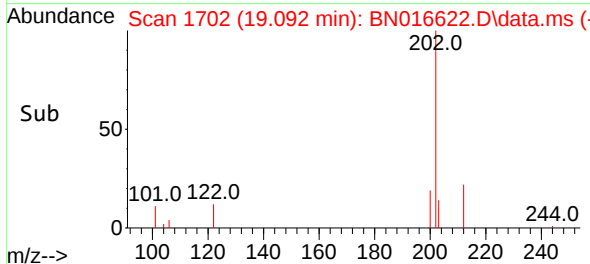
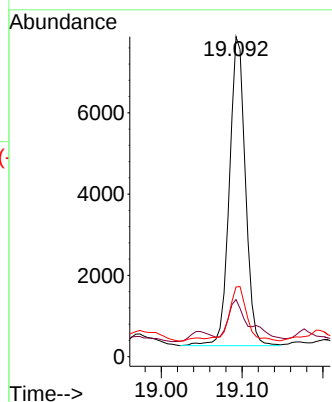
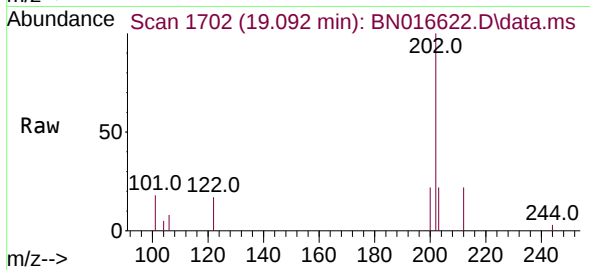




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.092 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

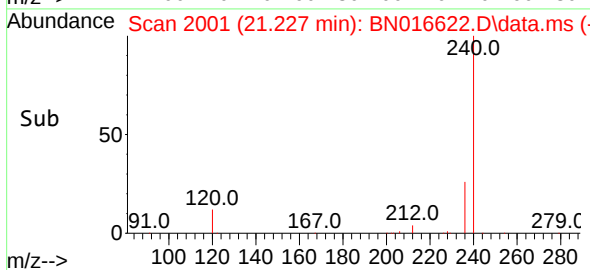
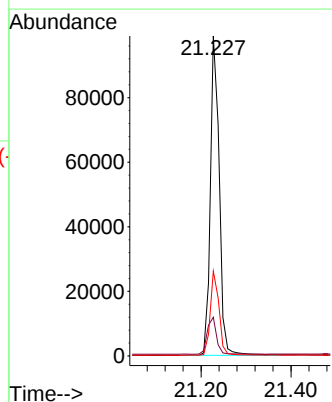
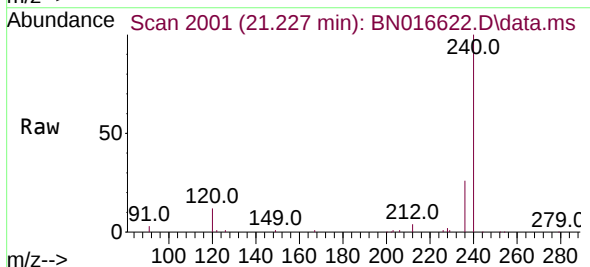
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

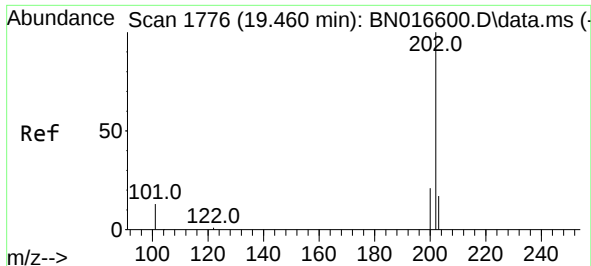
Tgt Ion:202 Resp: 10492
Ion Ratio Lower Upper
202 100
101 15.2 9.0 13.4#
203 19.1 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:240 Resp: 135318
Ion Ratio Lower Upper
240 100
120 12.1 5.0 7.4#
236 26.5 20.4 30.6

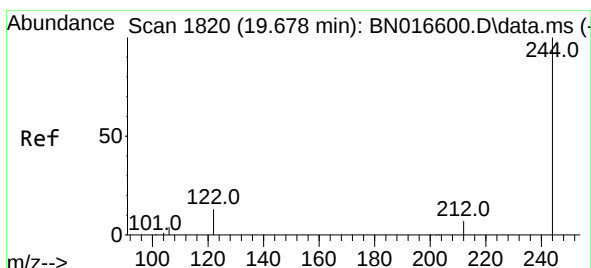
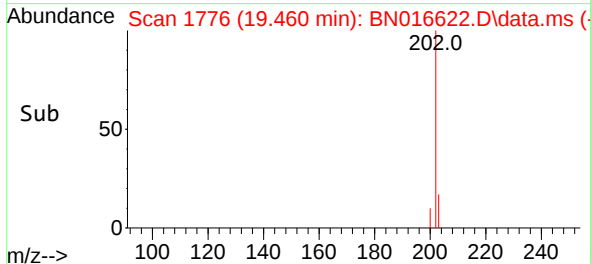
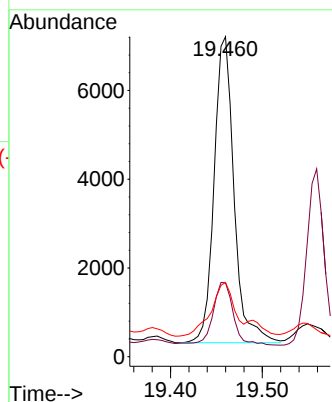
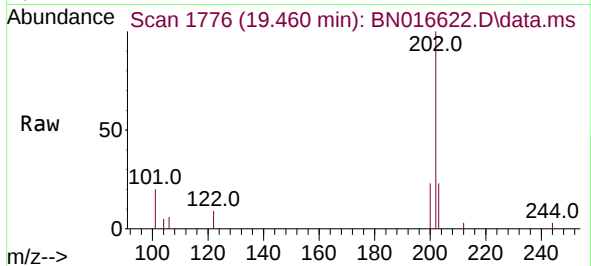




#30
Pyrene
Concen: 0.024 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

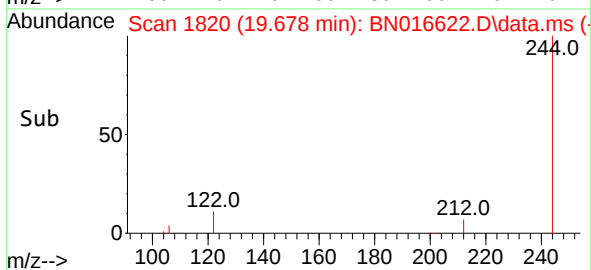
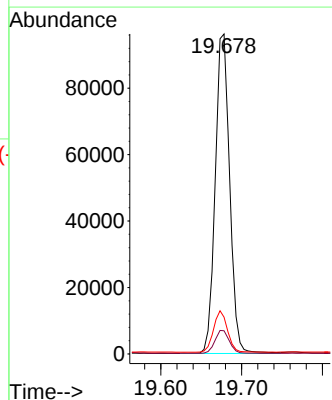
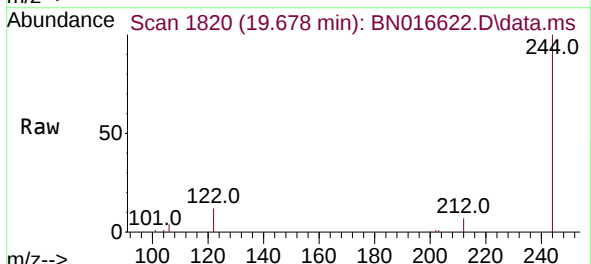
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

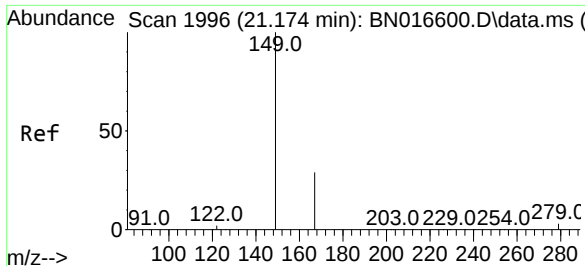
Tgt Ion:	202	Resp:	10406
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.5	24.7
203	20.4	14.0	21.0



#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:	244	Resp:	119652
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	11.5	10.1	15.1

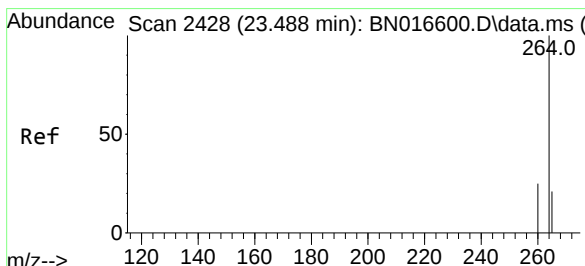
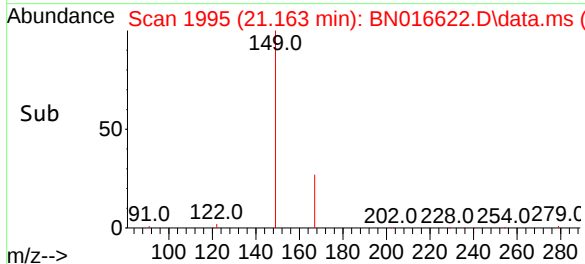
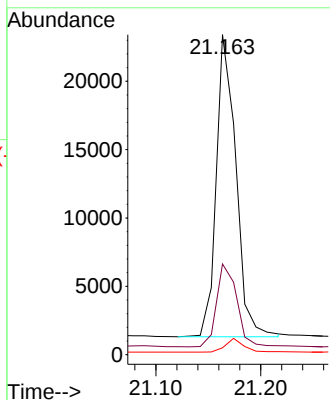
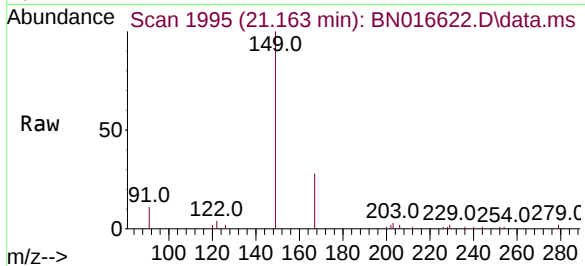




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 21.163 min Scan# 1995
 Delta R.T. -0.011 min
 Lab File: BN016622.D
 Acq: 01 Oct 2021 06:00

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

Tgt Ion:	149	Resp:	28716
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.4
279	4.3	3.2	4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016622.D
 Acq: 01 Oct 2021 06:00

Tgt Ion:	264	Resp:	138438
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.9	29.9
265	23.0	19.2	28.8

