

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016661.D
 Acq On : 02 Oct 2021 08:09
 Operator : CG/JU
 Sample : M3829-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 03:32:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

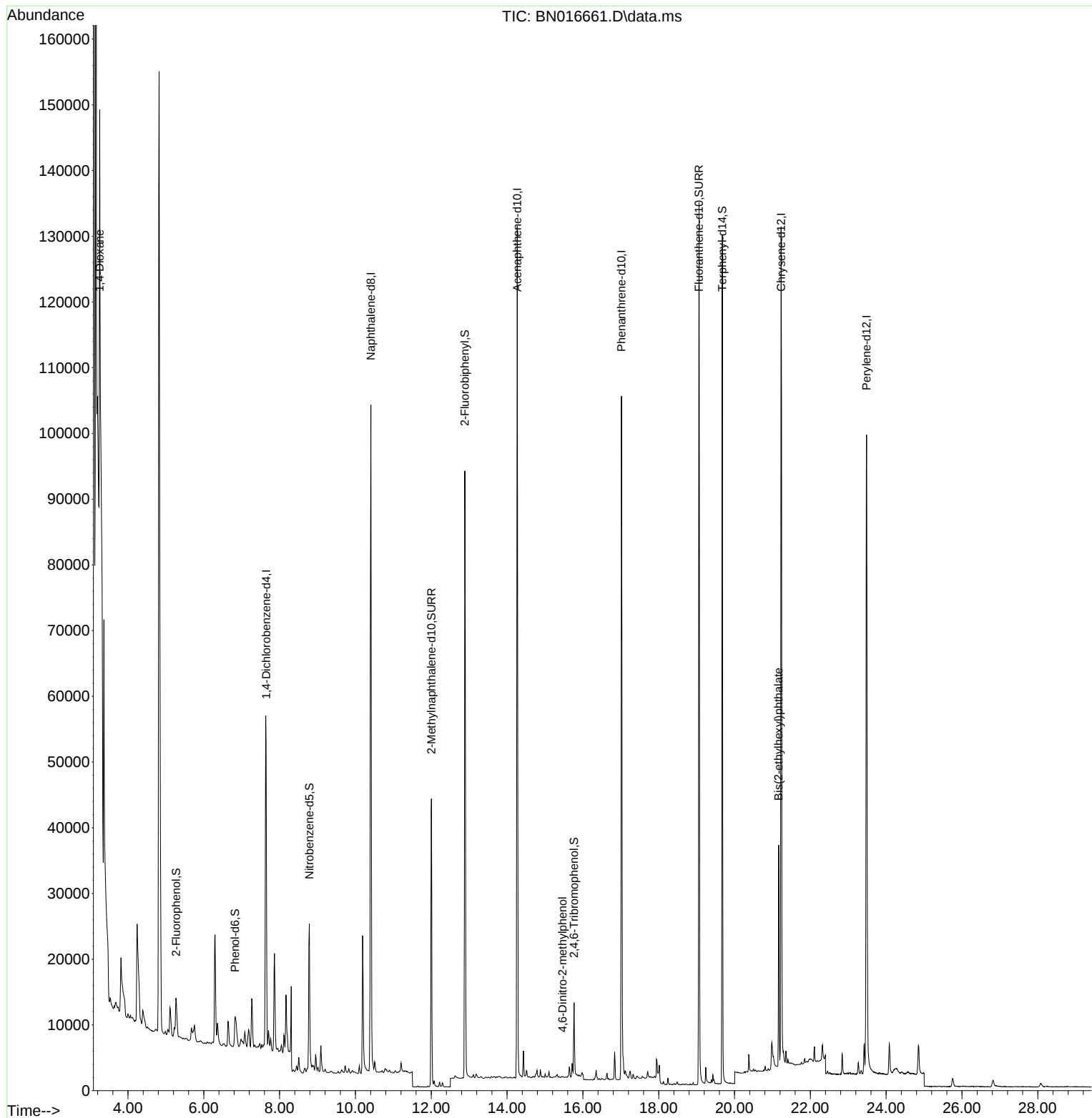
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29763	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	136580	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	72103	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	140359	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	131966	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	134047	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	8053	0.106	ng	0.02
5) Phenol-d6	6.822	99	4894	0.059	ng	0.00
8) Nitrobenzene-d5	8.784	82	22133	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	60678	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9936	0.303	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	84306	0.289	ng	-0.01
27) Fluoranthene-d10	19.063	212	154515	0.414	ng	0.00
31) Terphenyl-d14	19.679	244	129757	0.452	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	51287	3.744	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.461	198	15	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	33010	0.204	ng	99

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

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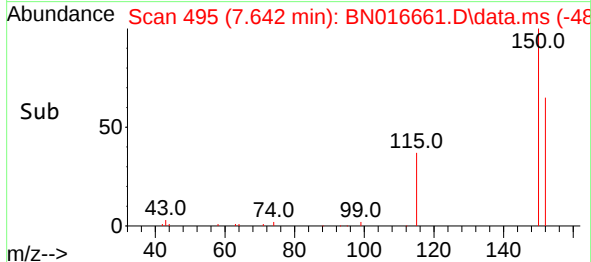
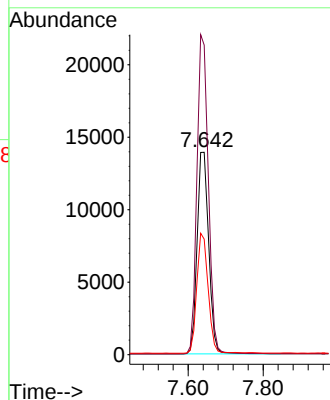
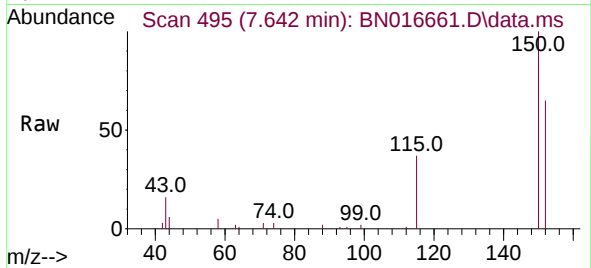




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016661.D
 Acq: 02 Oct 2021 08:09

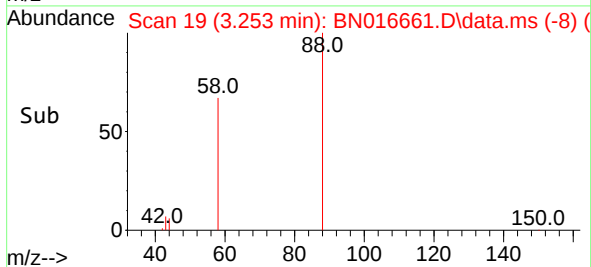
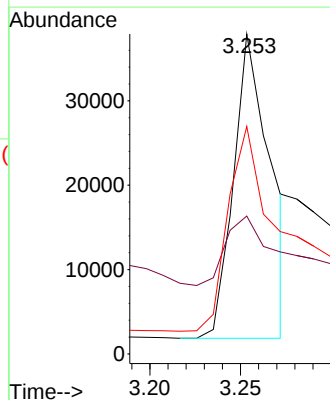
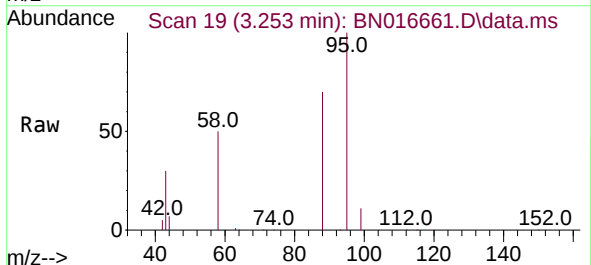
Instrument :
 BNA_N
 ClientSampled :

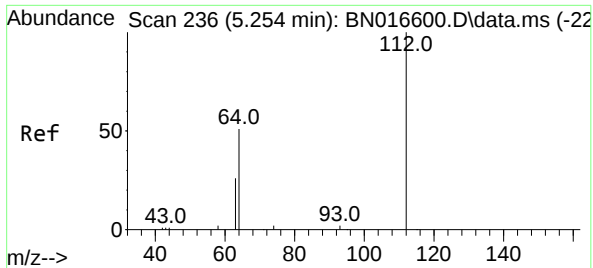
Tgt Ion:152 Resp: 29763
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.6 186.8
 115 57.1 46.5 69.7



#2
 1,4-Dioxane
 Concen: 3.744 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016661.D
 Acq: 02 Oct 2021 08:09

Tgt Ion: 88 Resp: 51287
 Ion Ratio Lower Upper
 88 100
 43 26.2 37.8 56.8#
 58 73.7 61.3 91.9

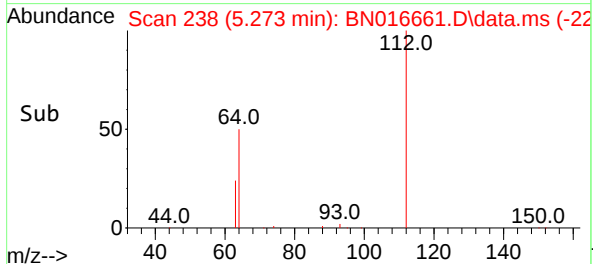
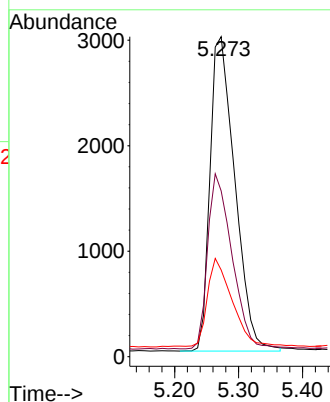
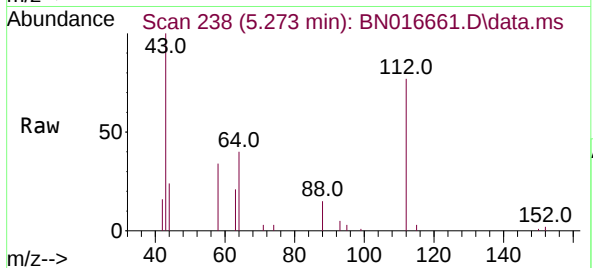




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

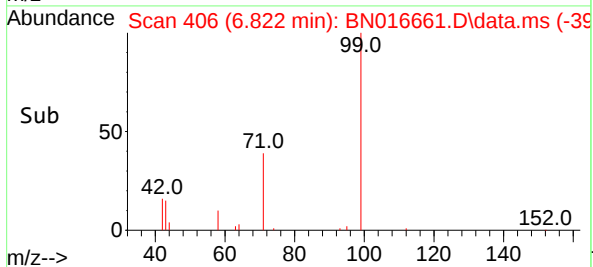
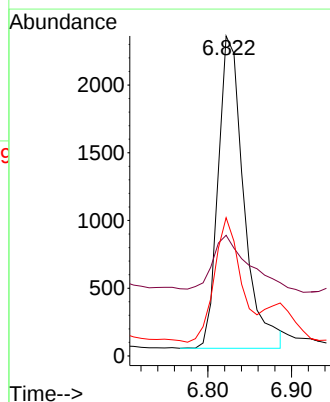
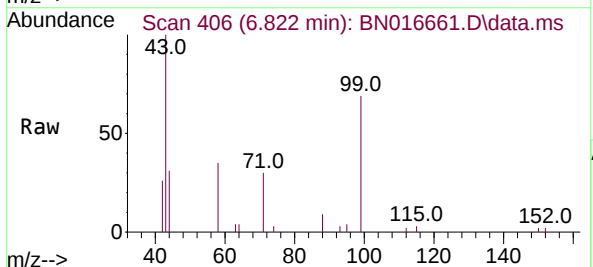
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	112	Resp:	8053
Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.1	64.7
63	28.5	21.6	32.4



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

Tgt Ion:	99	Resp:	4894
Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.0	19.6#
71	41.8	23.5	35.3#

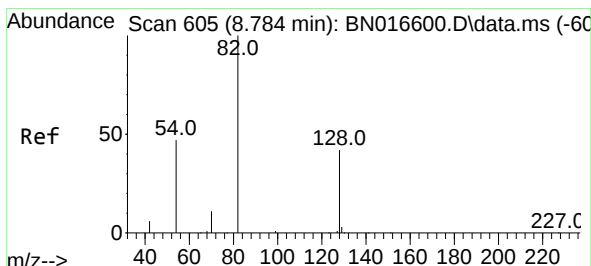
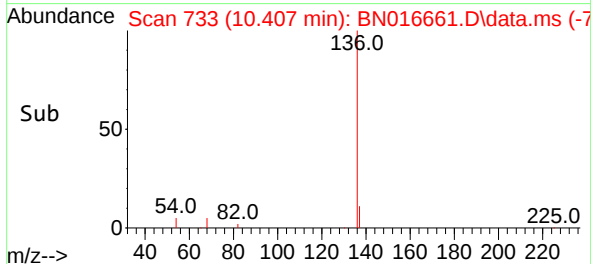
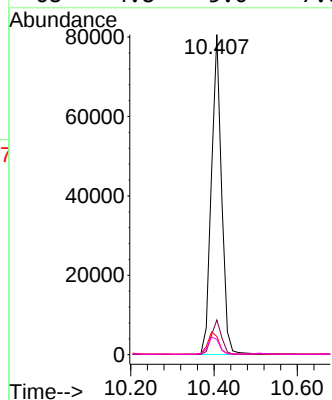
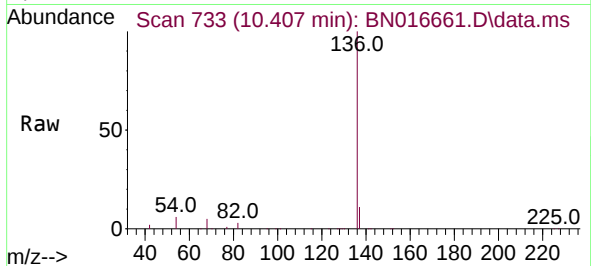




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

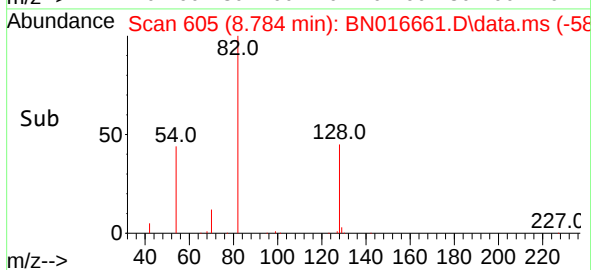
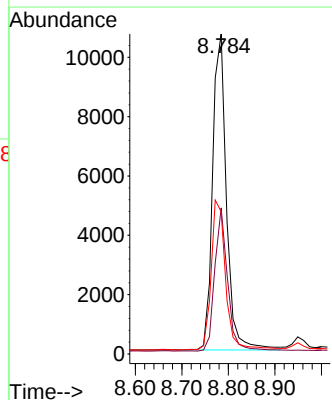
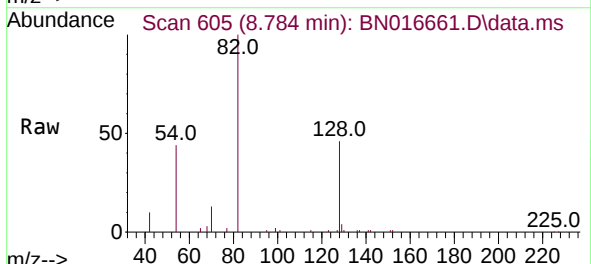
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 136580
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 5.7 5.9 8.9#
68 4.8 5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

Tgt Ion: 82 Resp: 22133
Ion Ratio Lower Upper
82 100
128 45.6 33.6 50.4
54 44.5 37.6 56.4

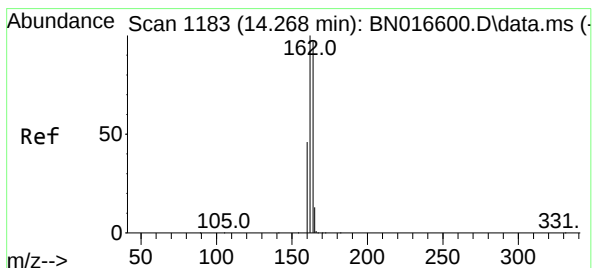
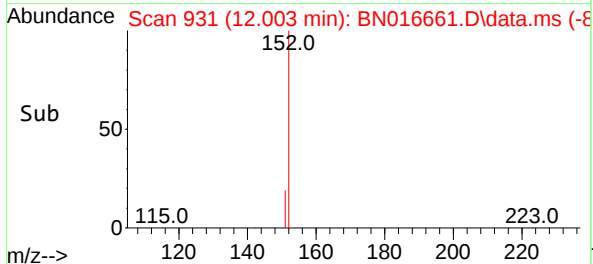
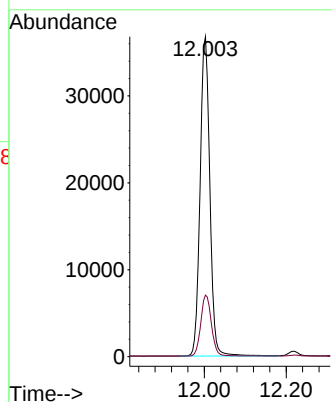
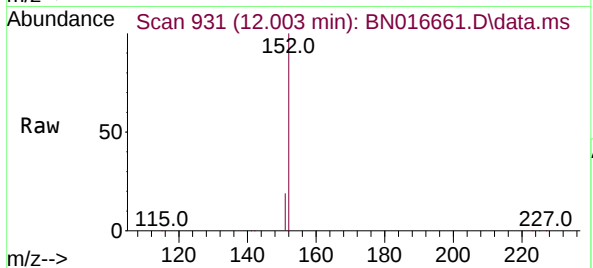




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

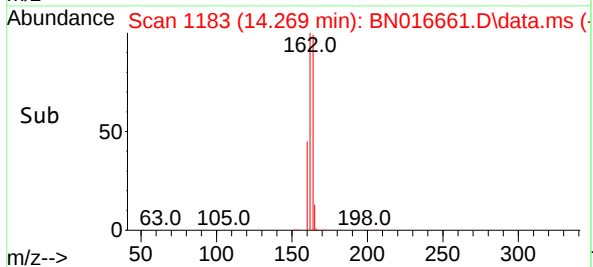
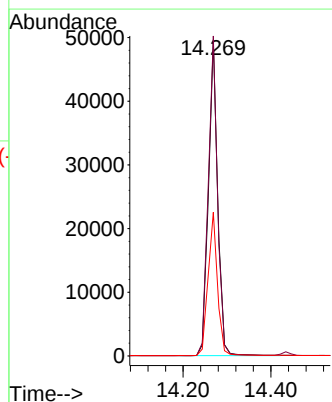
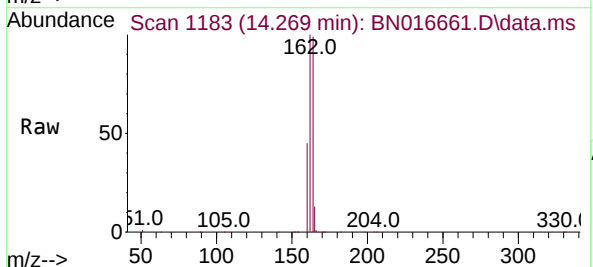
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 60678
Ion Ratio Lower Upper
152 100
151 20.8 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: BN016661.D
Acq: 02 Oct 2021 08:09

Tgt Ion:164 Resp: 72103
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 45.5 37.7 56.5

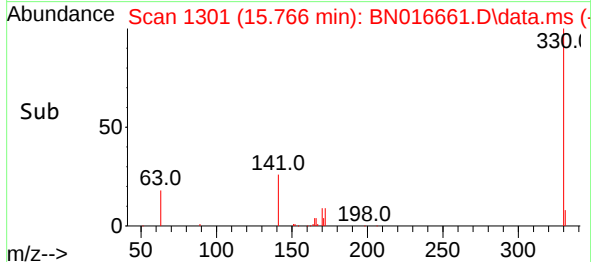
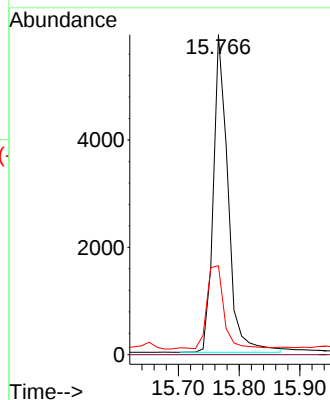
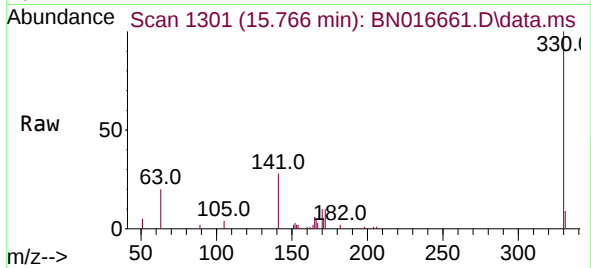




#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

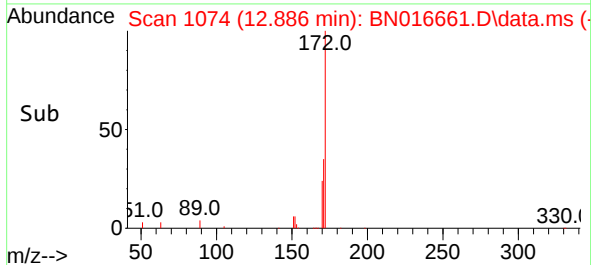
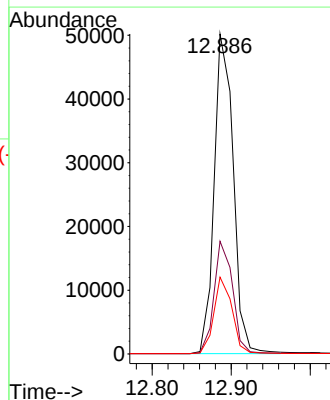
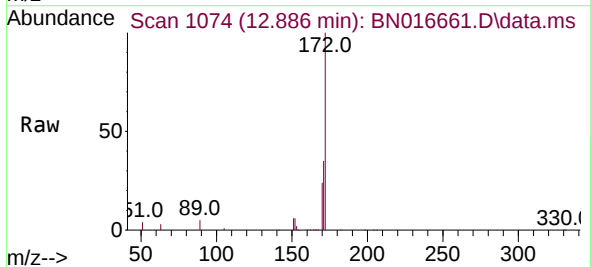
Instrument :
BNA_N
ClientSampled :

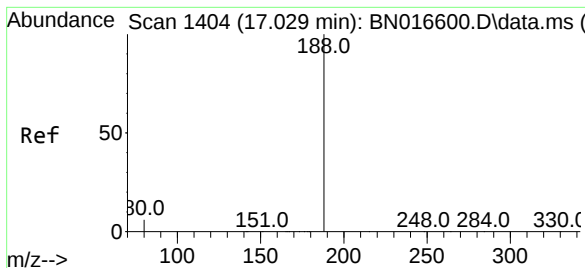
Tgt Ion:330 Resp: 9936
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

Tgt Ion:172 Resp: 84306
Ion Ratio Lower Upper
172 100
171 35.2 27.0 40.4
170 24.0 17.4 26.2

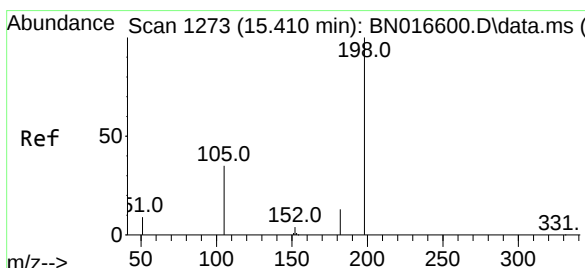
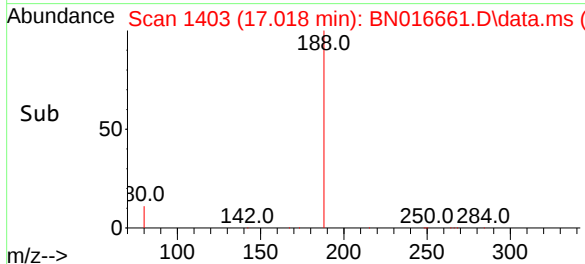
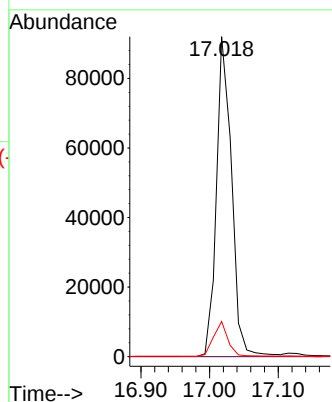
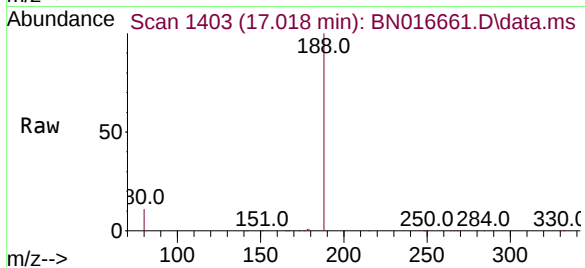




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

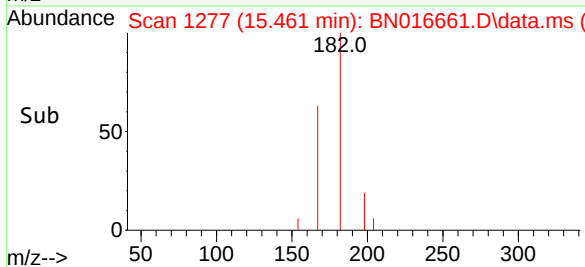
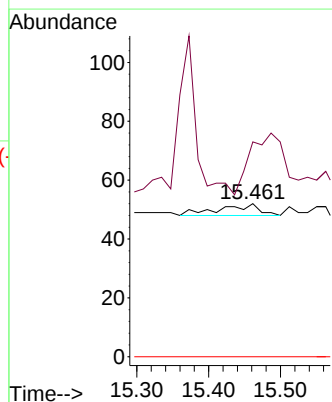
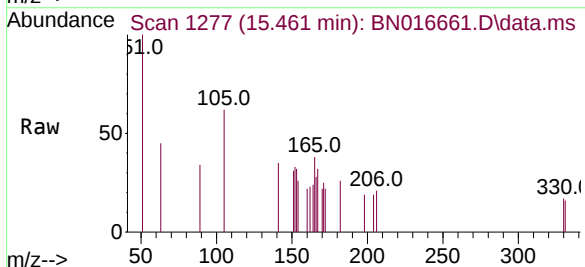
Instrument :
BNA_N
ClientSampleId :

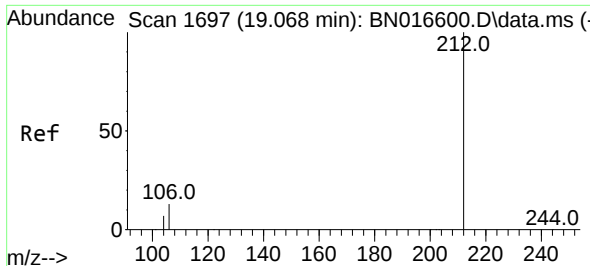
Tgt Ion:188 Resp: 140359
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.051 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 140.4 11.8 17.8#
77 0.0 0.0 0.0

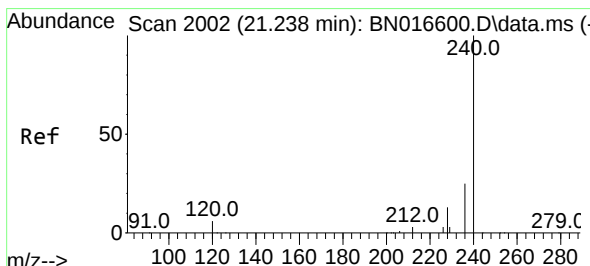
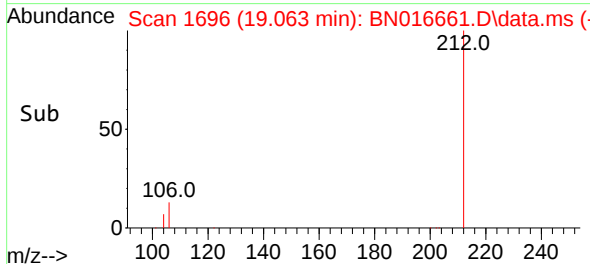
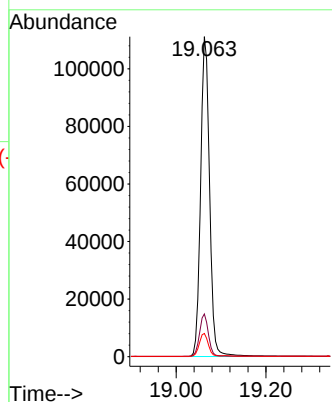
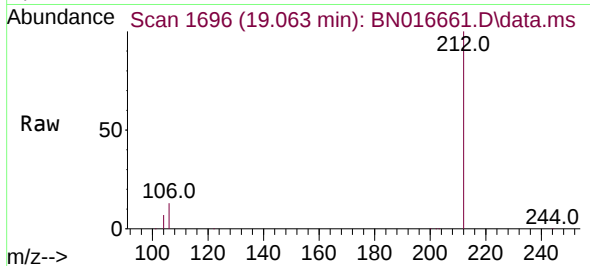




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

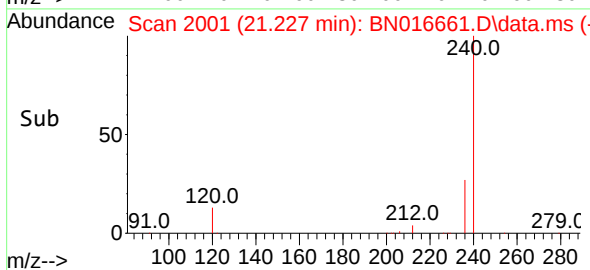
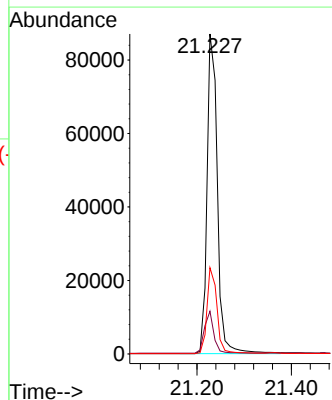
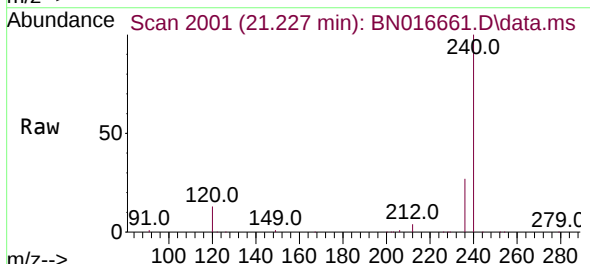
Instrument :
BNA_N
ClientSampleId :

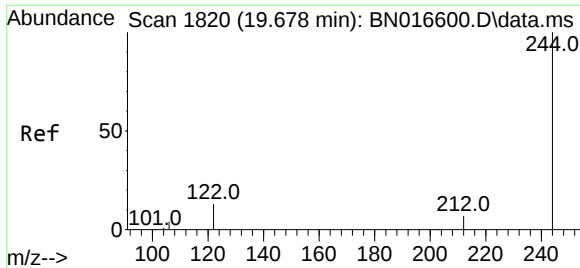
Tgt Ion:212 Resp: 154515
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.1 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016661.D
Acq: 02 Oct 2021 08:09

Tgt Ion:240 Resp: 131966
Ion Ratio Lower Upper
240 100
120 13.3 5.0 7.4#
236 26.9 20.4 30.6

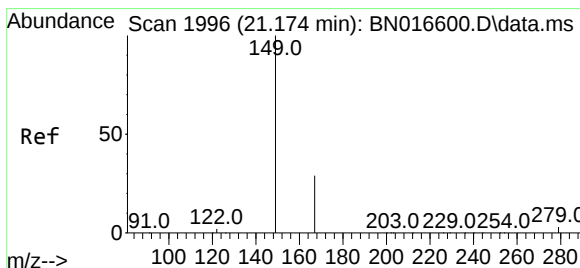
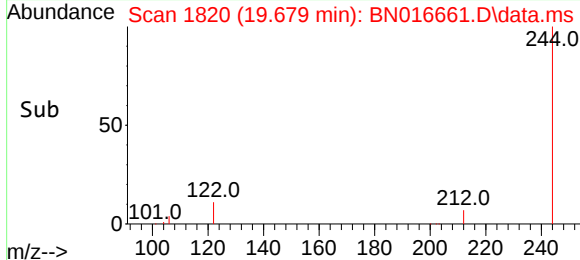
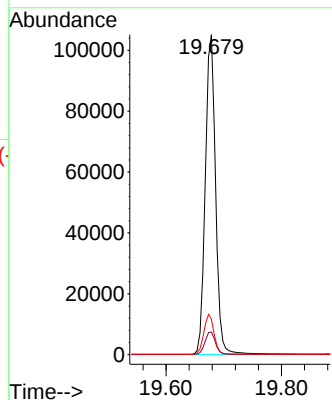
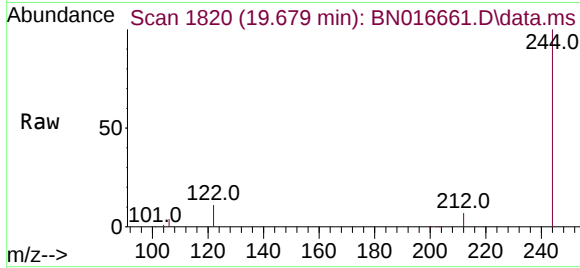




#31
 Terphenyl-d14
 Concen: 0.452 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016661.D
 Acq: 02 Oct 2021 08:09

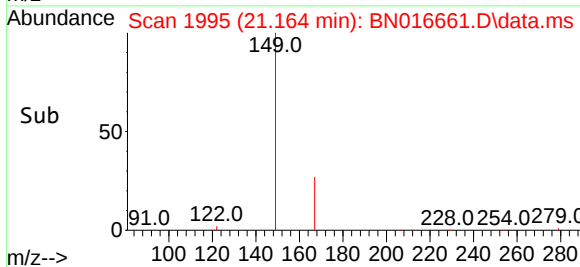
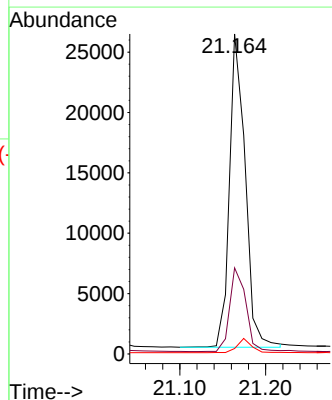
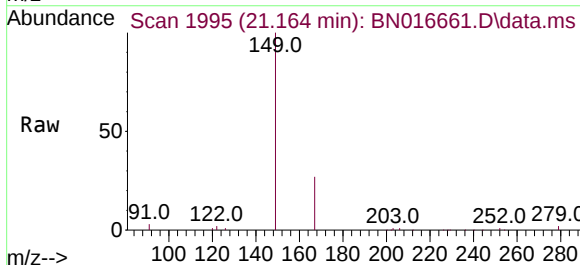
Instrument :
 BNA_N
 ClientSampled :

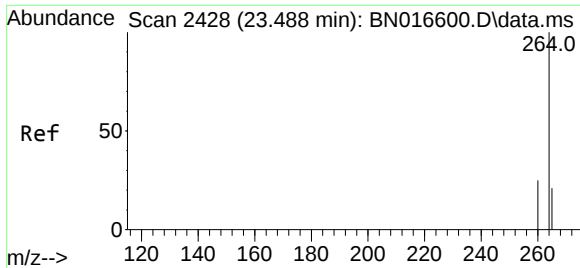
Tgt Ion:244 Resp: 129757
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.1 10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.204 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016661.D
 Acq: 02 Oct 2021 08:09

Tgt Ion:149 Resp: 33010
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.4
 279 4.1 3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BN016661.D
 Acq: 02 Oct 2021 08:09

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 134047

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.7	19.2	28.8

