

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016664.D
 Acq On : 02 Oct 2021 09:56
 Operator : CG/JU
 Sample : M3829-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20210917

Quant Time: Oct 04 03:33:21 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)

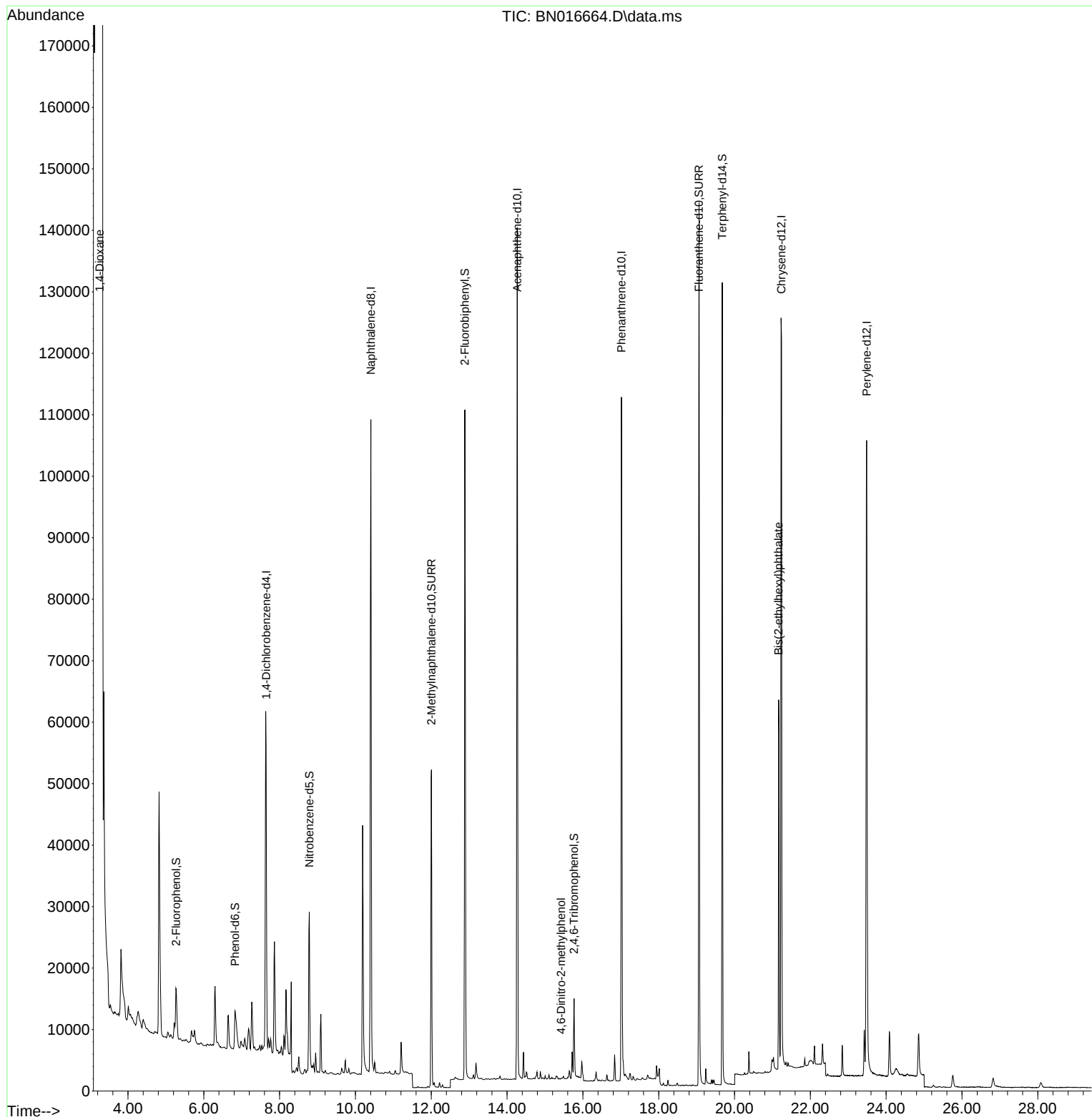
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31137	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	143109	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	76944	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	149248	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	138951	0.400	ng	0.00
35) Perylene-d12	23.484	264	145232	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	10892	0.137	ng	0.02
5) Phenol-d6	6.822	99	6888	0.079	ng	0.00
8) Nitrobenzene-d5	8.784	82	25604	0.275	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	70978	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11471	0.327	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	97115	0.312	ng	-0.01
27) Fluoranthene-d10	19.063	212	161983	0.408	ng	0.00
31) Terphenyl-d14	19.678	244	136299	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	67229	4.691	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.423	198	4	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	64322	0.378	ng	100

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

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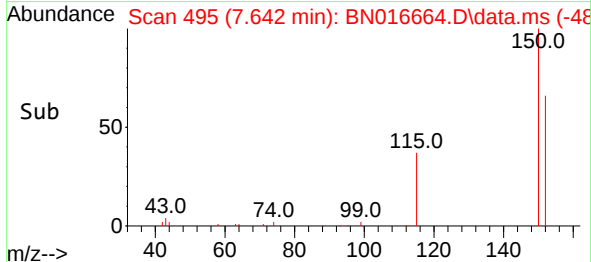
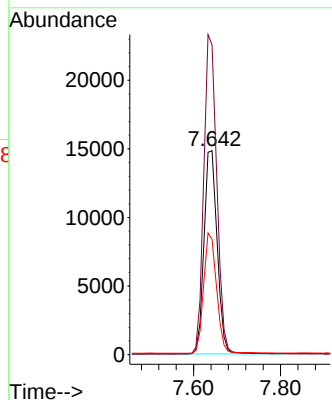
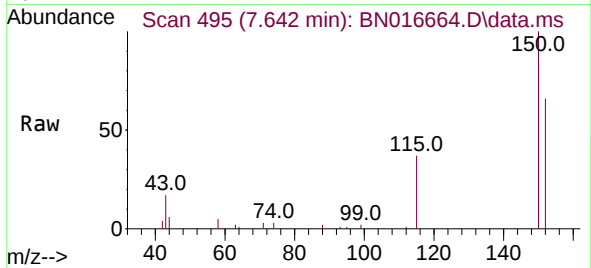




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

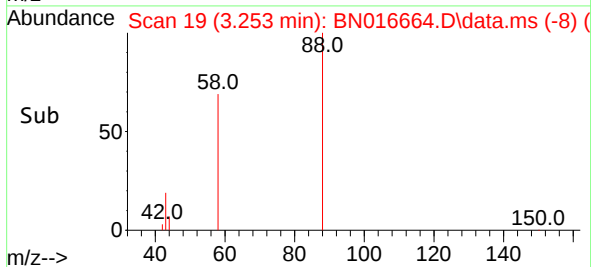
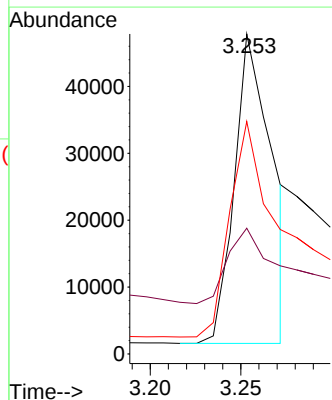
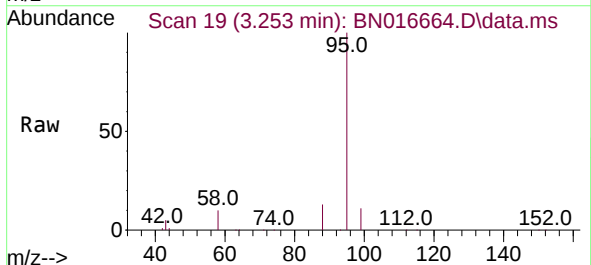
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210917

Tgt Ion: 152 Resp: 31137
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 56.5 46.5 69.7



#2
1,4-Dioxane
Concen: 4.691 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

Tgt Ion: 88 Resp: 67229
Ion Ratio Lower Upper
88 100
43 26.8 37.8 56.8#
58 73.7 61.3 91.9

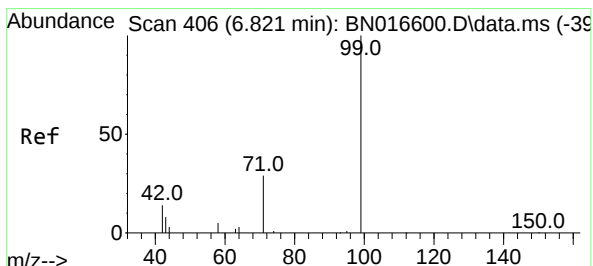
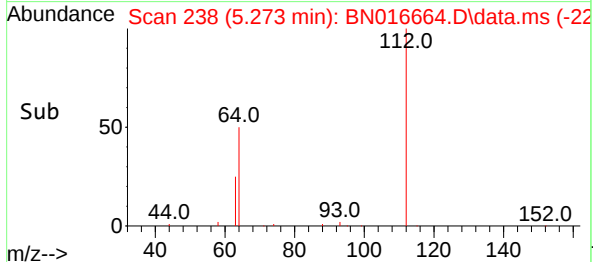
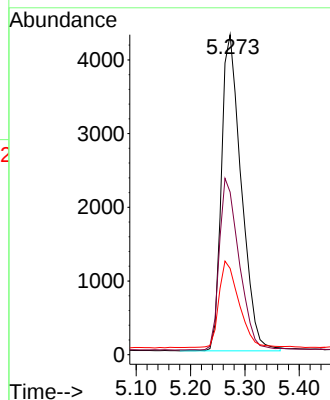
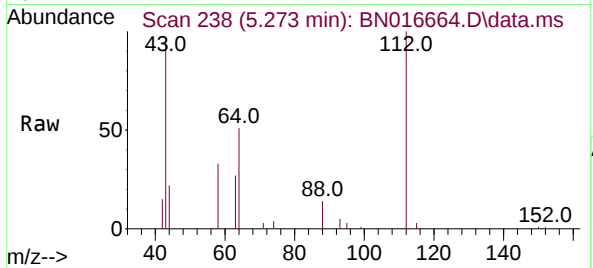




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

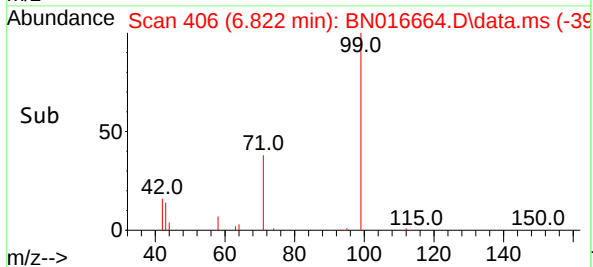
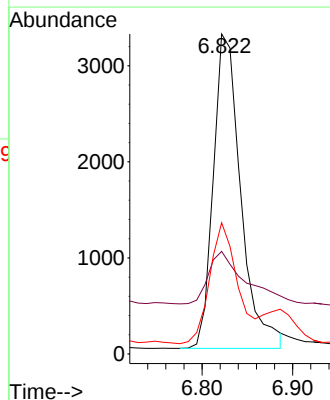
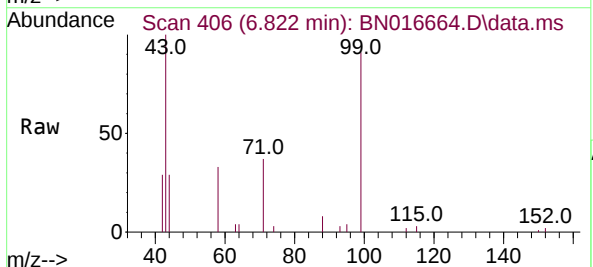
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210917

Tgt Ion:112 Resp: 10892
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.4 21.6 32.4



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

Tgt Ion: 99 Resp: 6888
Ion Ratio Lower Upper
99 100
42 21.8 13.0 19.6#
71 39.2 23.5 35.3#

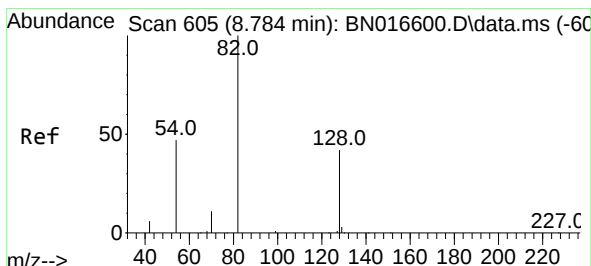
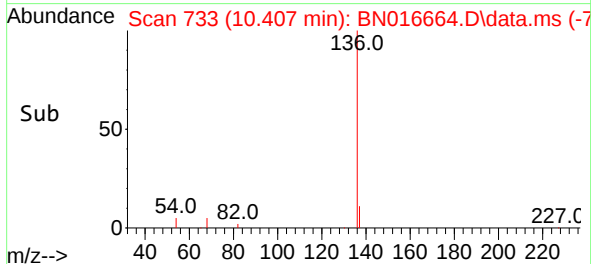
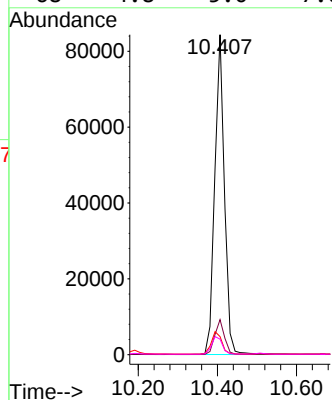
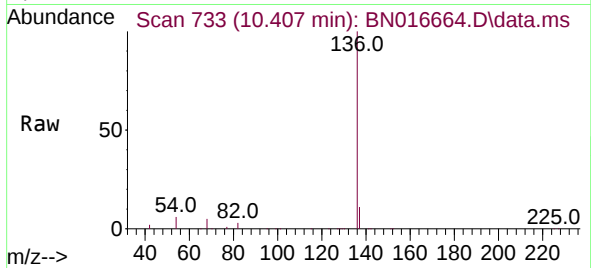




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

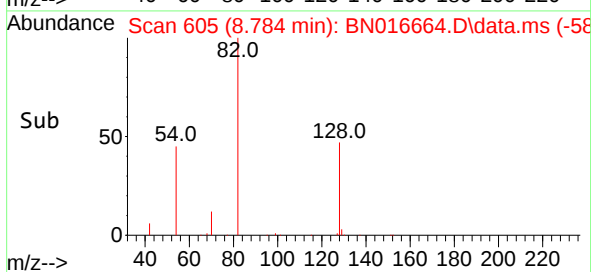
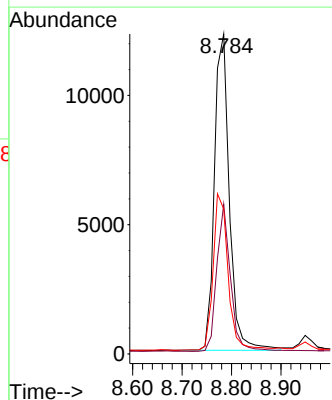
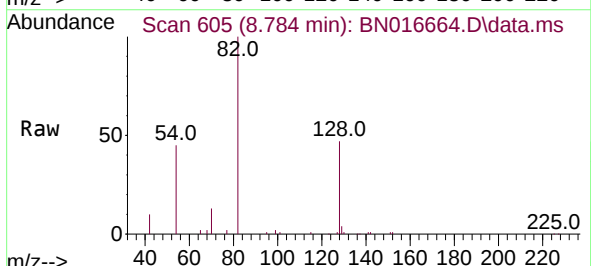
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210917

Tgt Ion:136	Resp:	143109
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	5.6	5.9 8.9#
68	4.8	5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

Tgt Ion: 82	Resp:	25604
Ion Ratio	Lower	Upper
82	100	
128	46.8	33.6 50.4
54	45.3	37.6 56.4

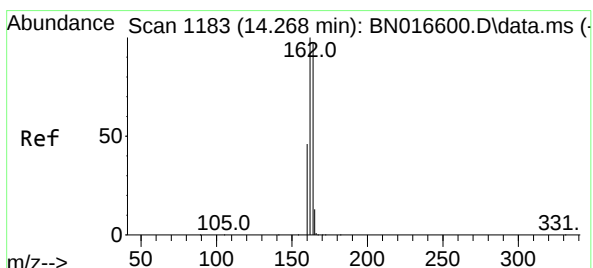
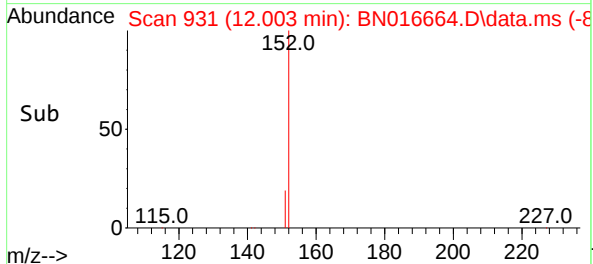
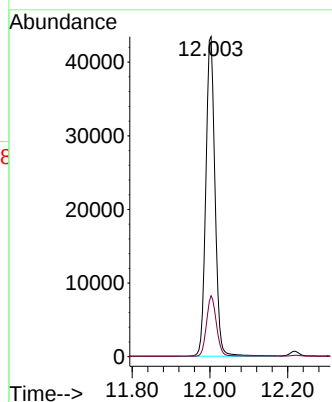
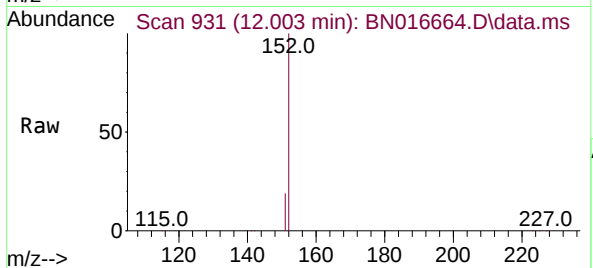




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

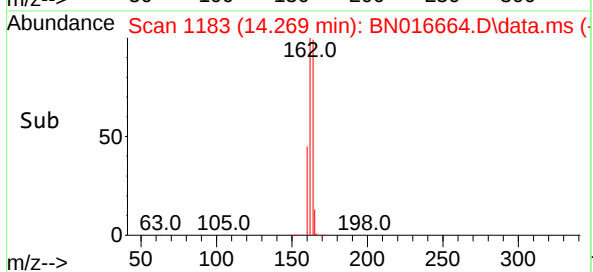
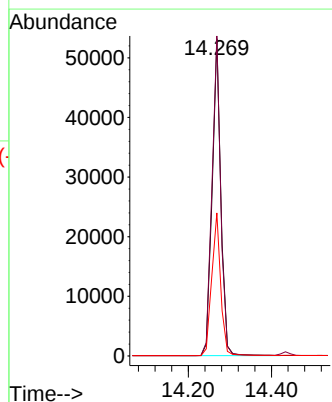
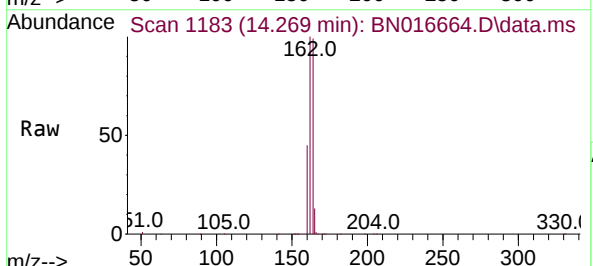
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210917

Tgt Ion:152 Resp: 70978
Ion Ratio Lower Upper
152 100
151 20.5 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: BN016664.D
Acq: 02 Oct 2021 09:56

Tgt Ion:164 Resp: 76944
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 45.1 37.7 56.5

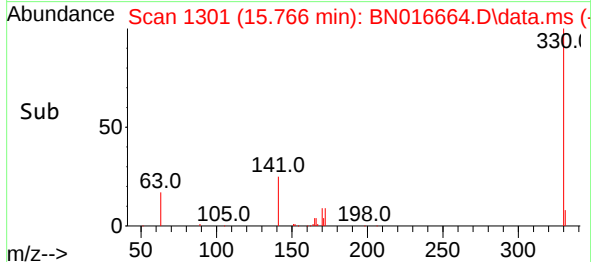
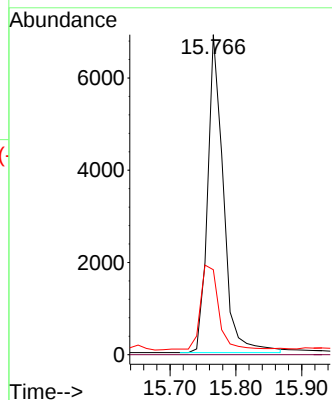
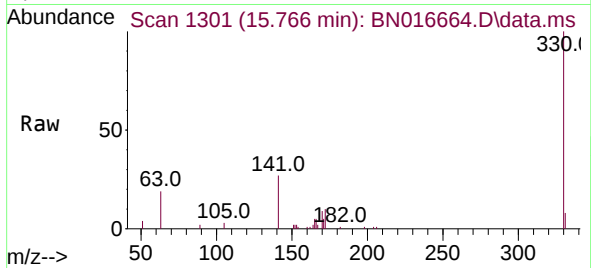




#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

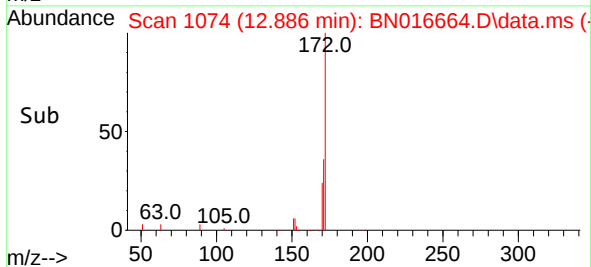
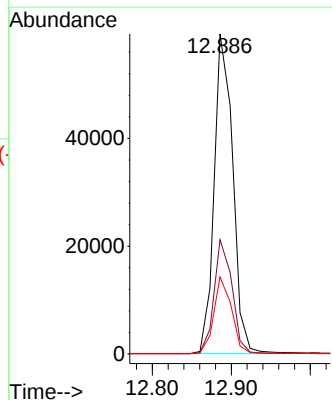
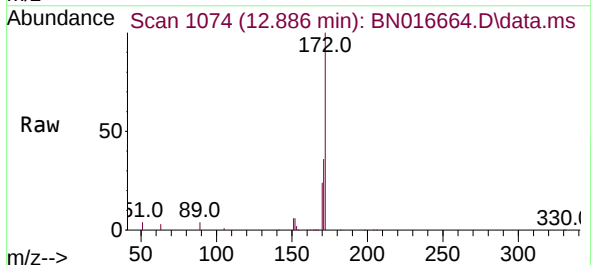
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RE120D2-20210917

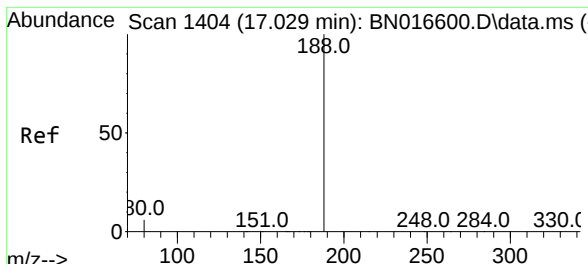
Tgt Ion:330 Resp: 11471
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

Tgt Ion:172 Resp: 97115
Ion Ratio Lower Upper
172 100
171 35.7 27.0 40.4
170 24.1 17.4 26.2

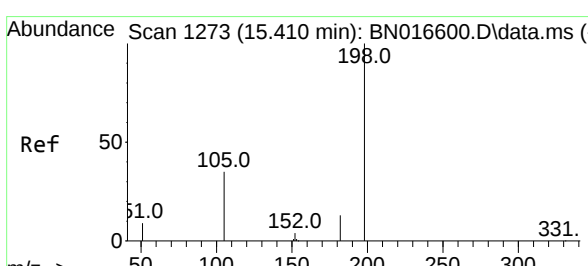
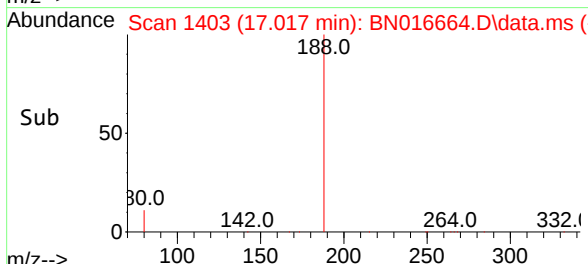
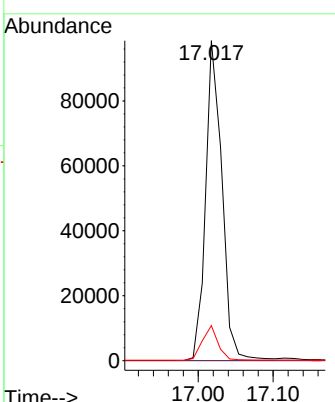
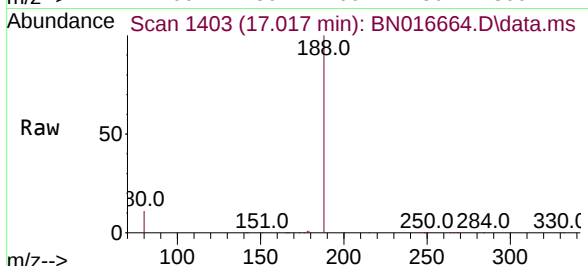




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.017 min Scan# 1403
 Delta R.T. -0.012 min
 Lab File: BN016664.D
 Acq: 02 Oct 2021 09:56

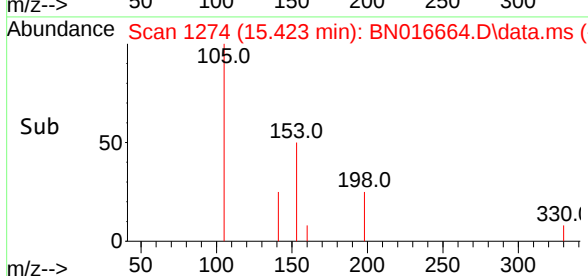
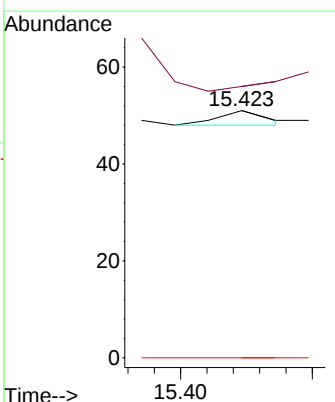
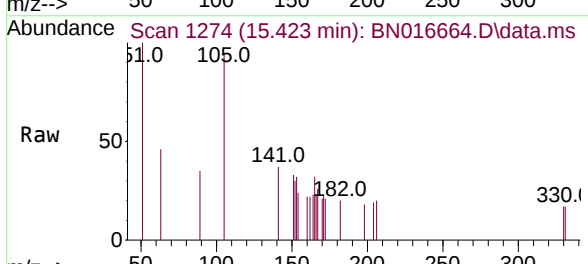
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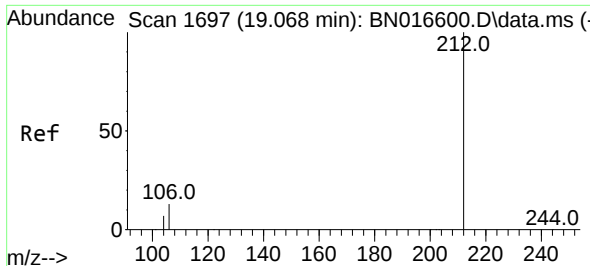
Tgt Ion:188	Resp:	149248
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.9	5.0



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.137 ng
 RT: 15.423 min Scan# 1274
 Delta R.T. 0.013 min
 Lab File: BN016664.D
 Acq: 02 Oct 2021 09:56

Tgt Ion:198	Resp:	4
Ion Ratio	Lower	Upper
198	100	
182	109.8	11.8
77	0.0	0.0

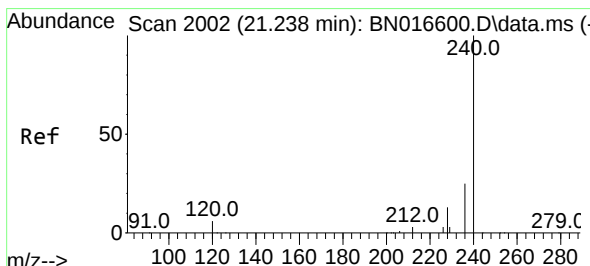
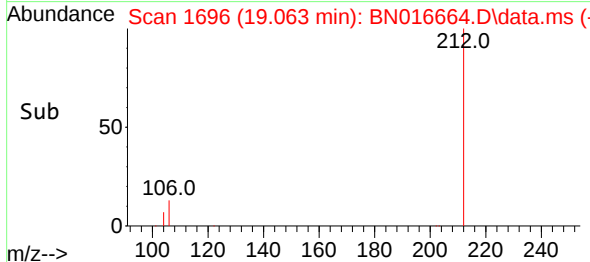
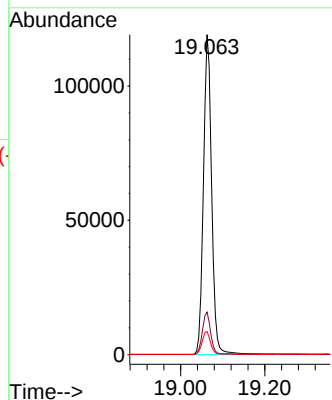
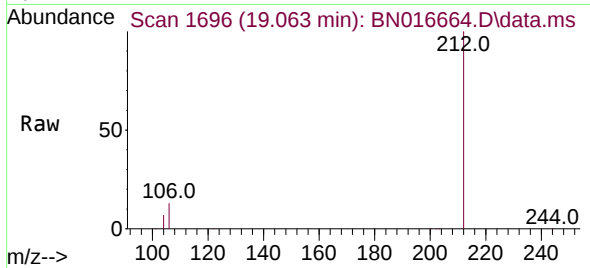




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

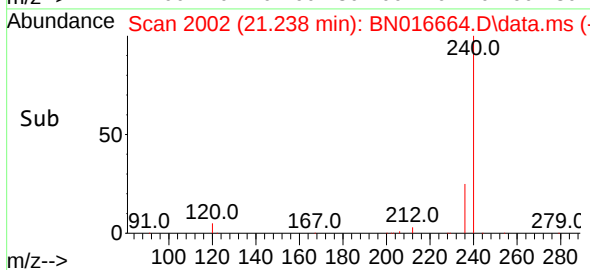
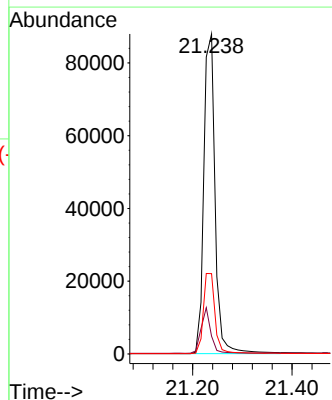
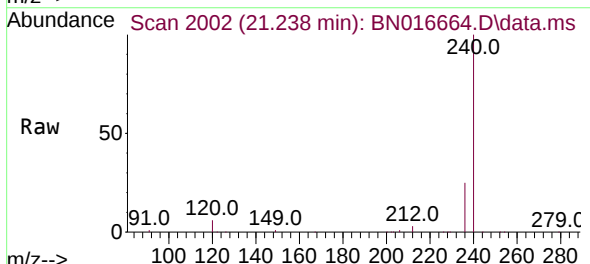
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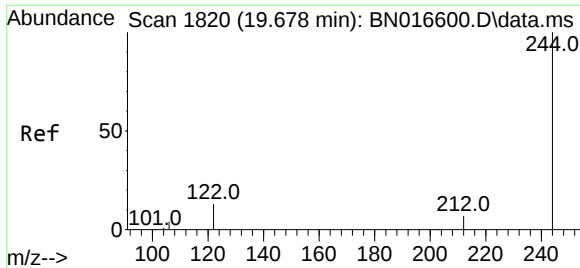
Tgt Ion:212 Resp: 161983
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.2 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016664.D
Acq: 02 Oct 2021 09:56

Tgt Ion:240 Resp: 138951
Ion Ratio Lower Upper
240 100
120 5.6 5.0 7.4
236 25.1 20.4 30.6

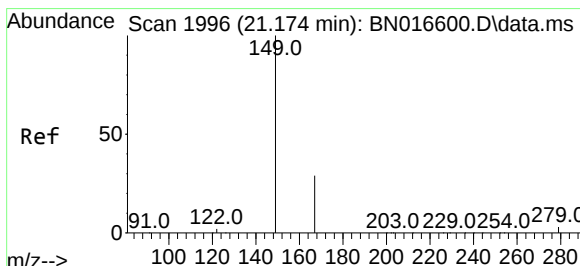
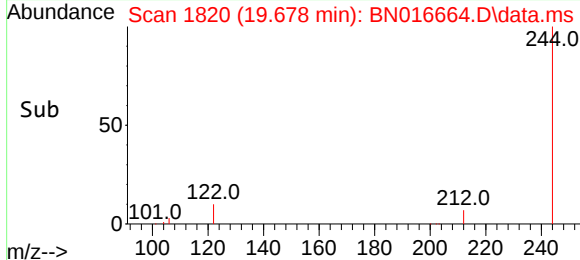
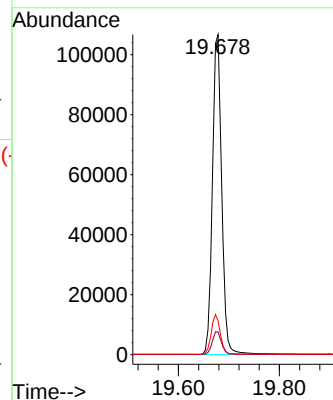
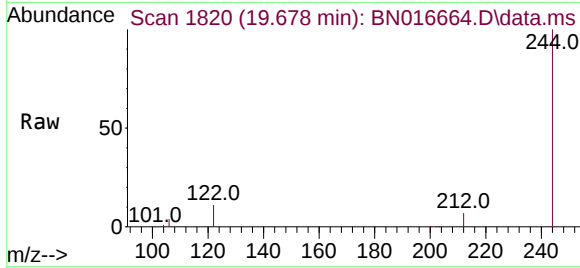




#31
 Terphenyl-d14
 Concen: 0.451 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016664.D
 Acq: 02 Oct 2021 09:56

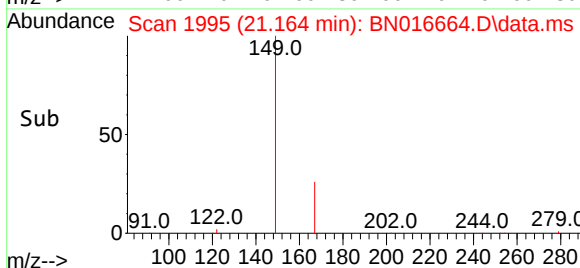
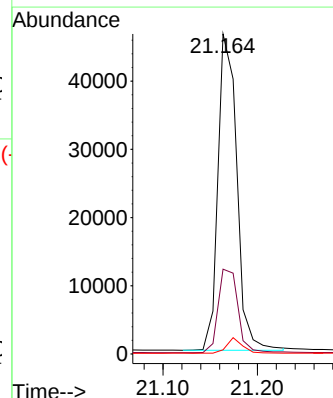
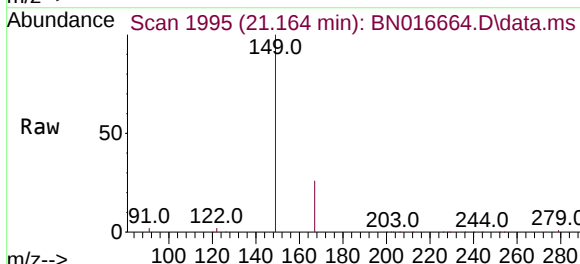
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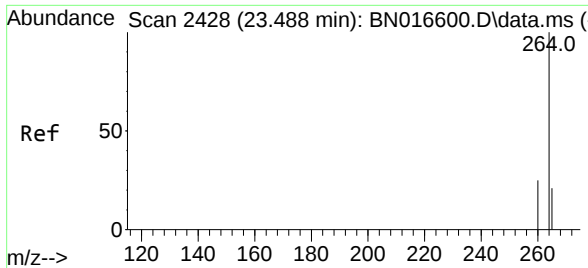
Tgt Ion:244 Resp: 136299
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.6 10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.378 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016664.D
 Acq: 02 Oct 2021 09:56

Tgt Ion:149 Resp: 64322
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.4
 279 4.1 3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016664.D
 Acq: 02 Oct 2021 09:56

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20210917

Tgt Ion:264	Resp:	145232
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.9 29.9
265	22.7	19.2 28.8

