

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016660.D
 Acq On : 02 Oct 2021 07:33
 Operator : CG/JU
 Sample : M3829-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20210917

Quant Time: Oct 04 03:32:49 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)

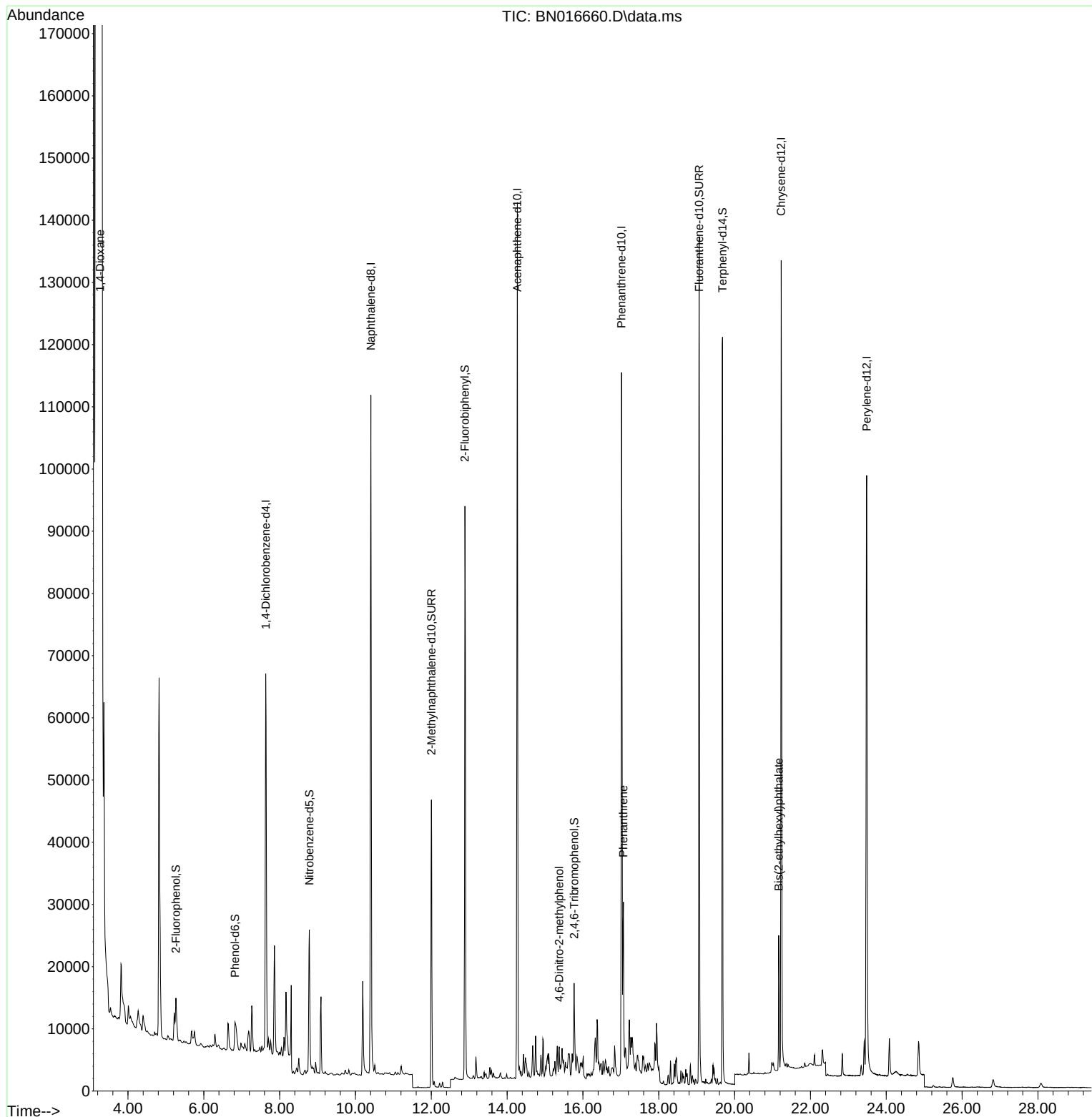
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	32644	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	148411	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	78044	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	150856	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	132704	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	135451	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	8062	0.097	ng	0.00
5) Phenol-d6	6.822	99	4693	0.052	ng	0.00
8) Nitrobenzene-d5	8.784	82	23101	0.239	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	62990	0.287	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10200	0.287	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	85510	0.271	ng	-0.01
27) Fluoranthene-d10	19.063	212	151865	0.379	ng	0.00
31) Terphenyl-d14	19.679	244	124505	0.431	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.263	88	116515	7.755	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.373	198	8	0.137	ng	# 1
25) Phenanthrene	17.066	178	30964	0.068	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.164	149	20216	0.124	ng	99

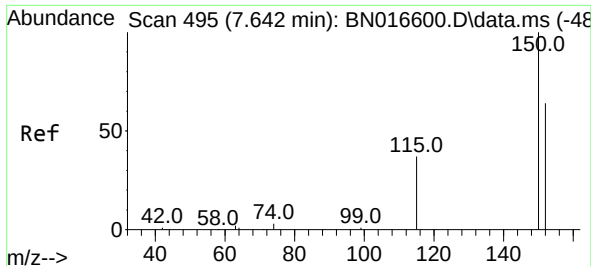
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

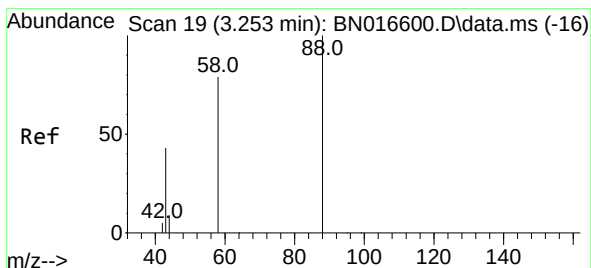
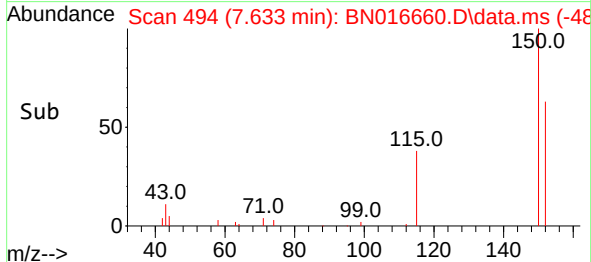
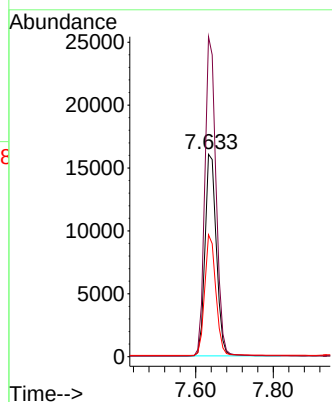
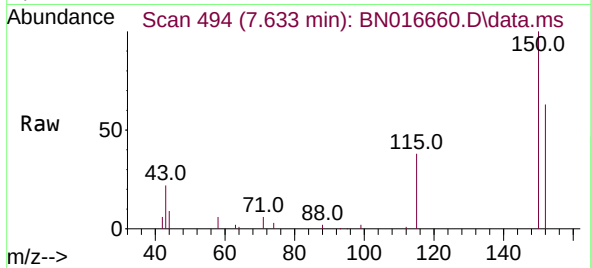




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. -0.009 min
 Lab File: BN016660.D
 Acq: 02 Oct 2021 07:33

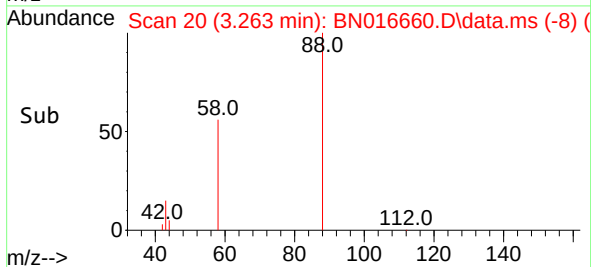
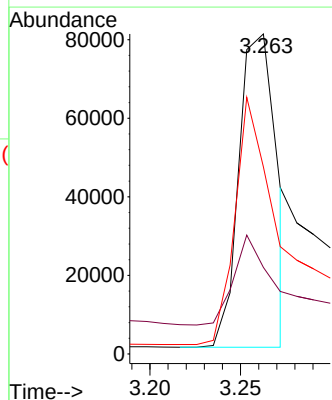
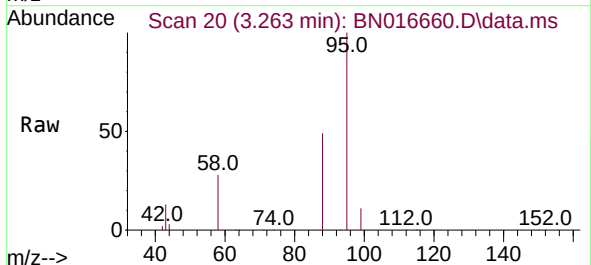
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20210917

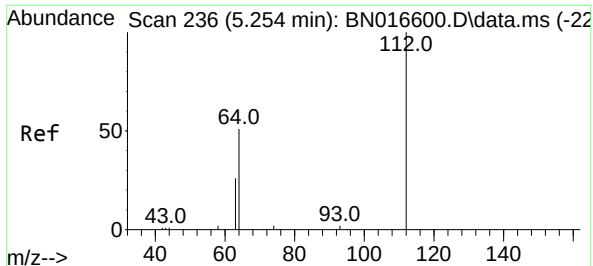
Tgt Ion:152 Resp: 32644
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 60.2 46.5 69.7



#2
 1,4-Dioxane
 Concen: 7.755 ng
 RT: 3.263 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: BN016660.D
 Acq: 02 Oct 2021 07:33

Tgt Ion: 88 Resp: 116515
 Ion Ratio Lower Upper
 88 100
 43 26.4 37.8 56.8#
 58 73.3 61.3 91.9

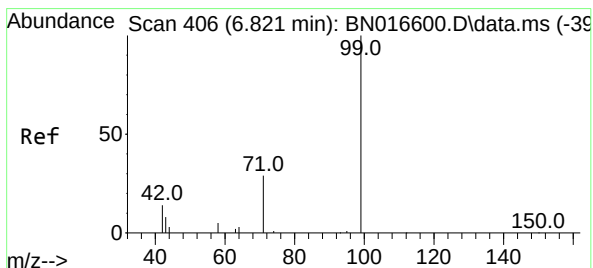
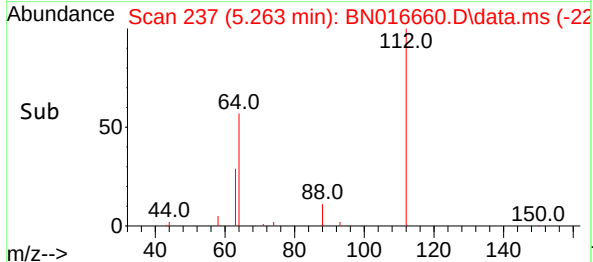
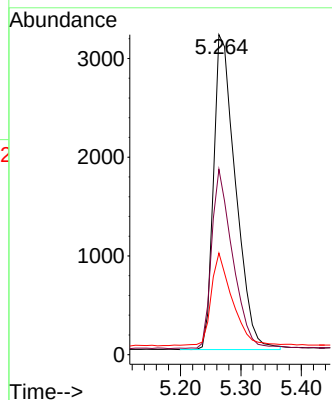
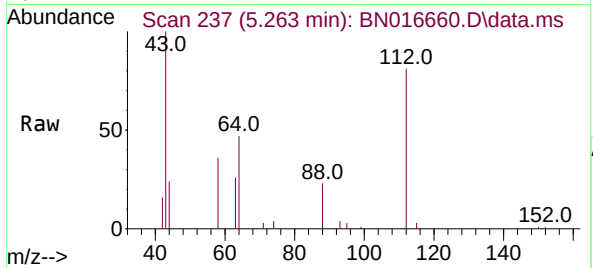




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

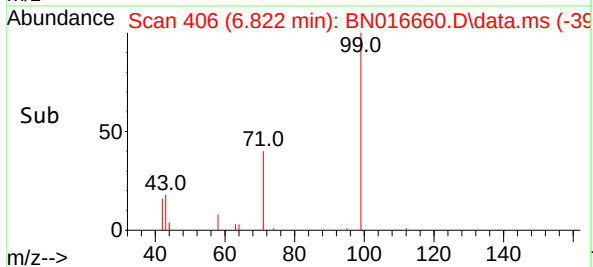
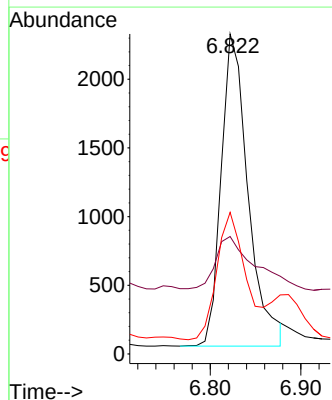
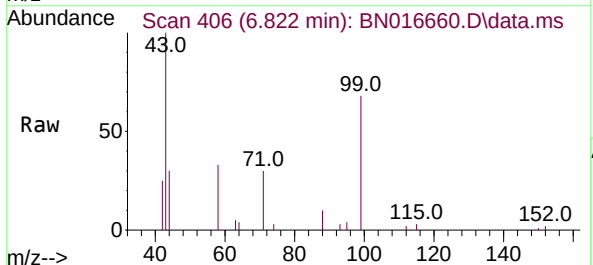
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917

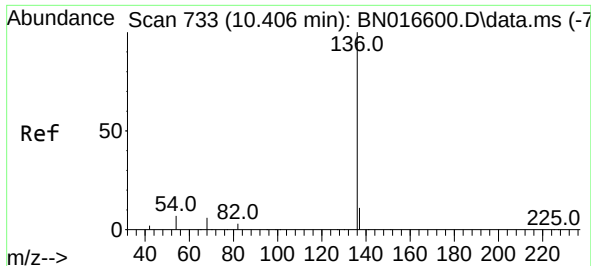
Tgt Ion:	112	Resp:	8062
Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.1	64.7
63	28.4	21.6	32.4



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

Tgt Ion:	99	Resp:	4693
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.0	19.6#
71	44.3	23.5	35.3#

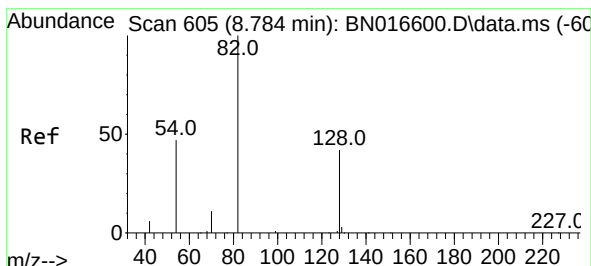
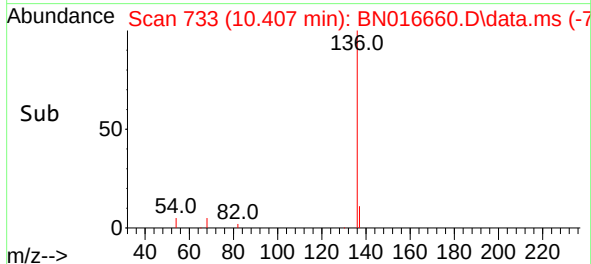
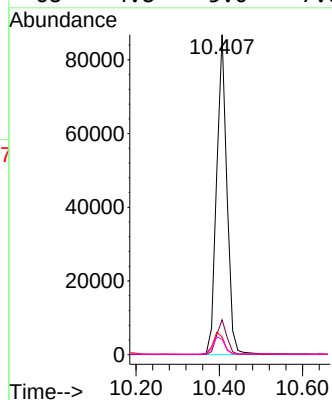
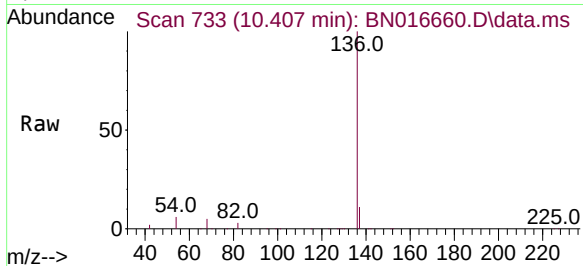




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

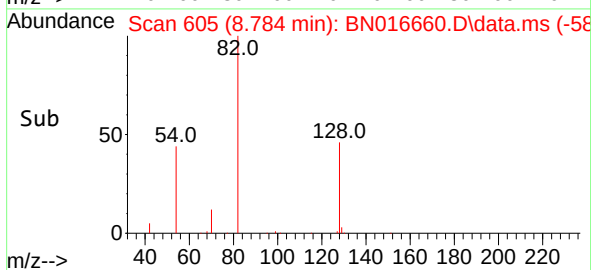
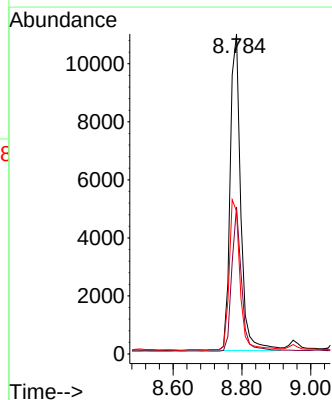
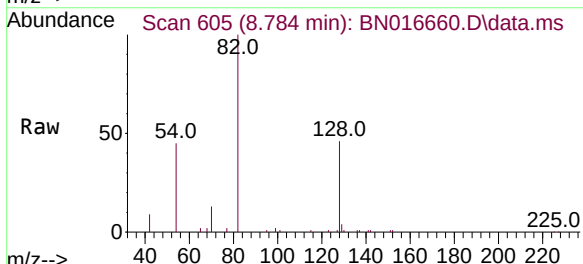
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917

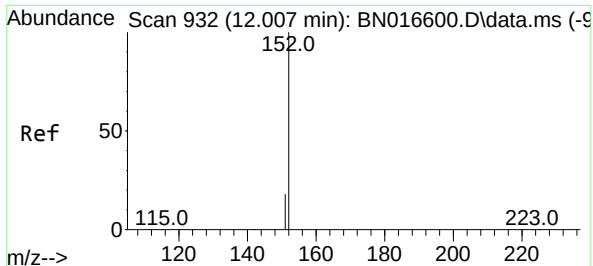
Tgt Ion:	136	Resp:	148411
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.6	5.9	8.9#
68	4.8	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

Tgt Ion:	82	Resp:	23101
Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.6	50.4
54	44.7	37.6	56.4

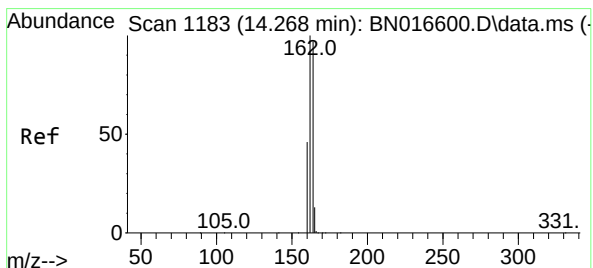
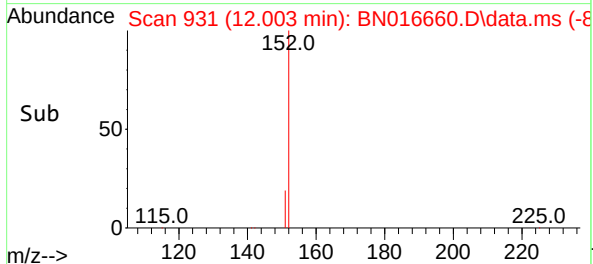
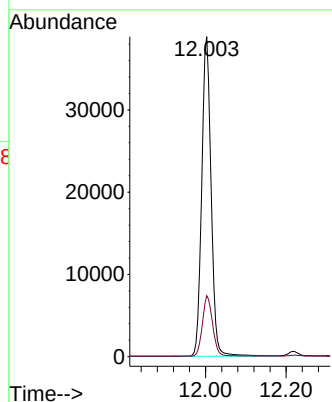
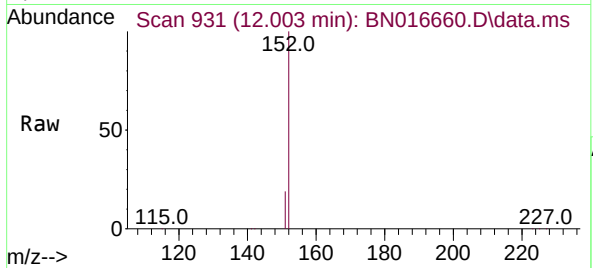




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

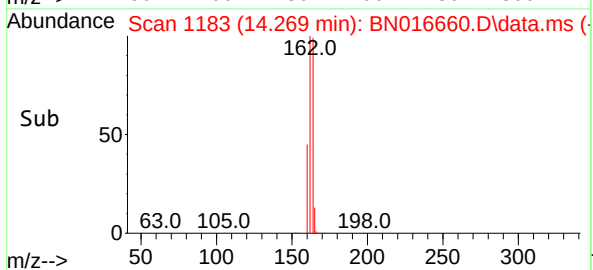
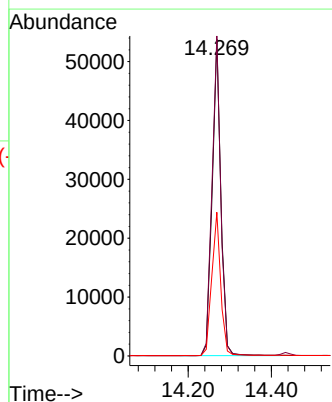
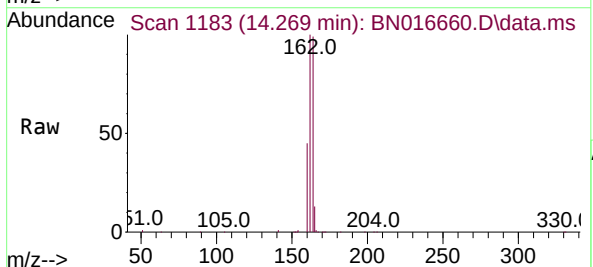
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917

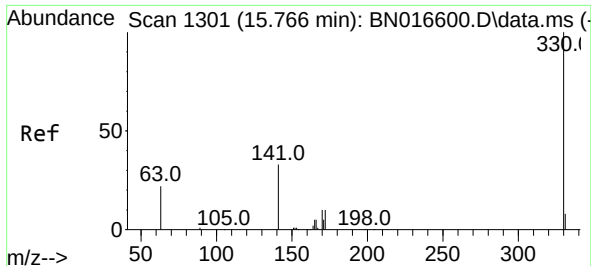
Tgt Ion:152 Resp: 62990
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

Tgt Ion:164 Resp: 78044
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 45.4 37.7 56.5

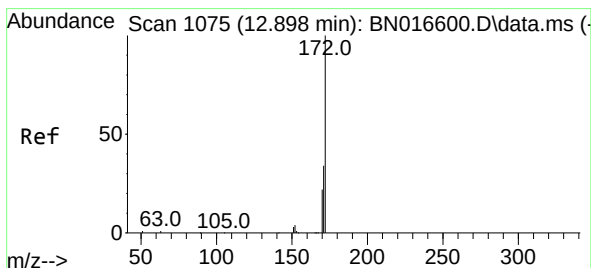
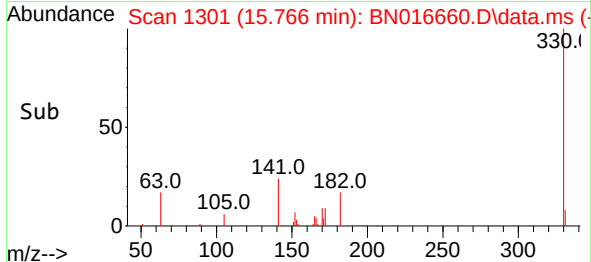
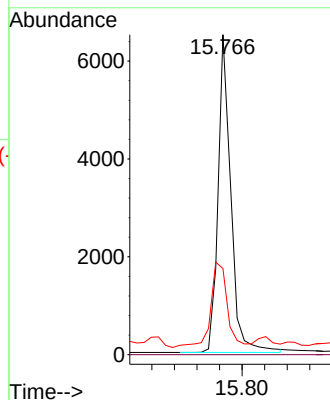
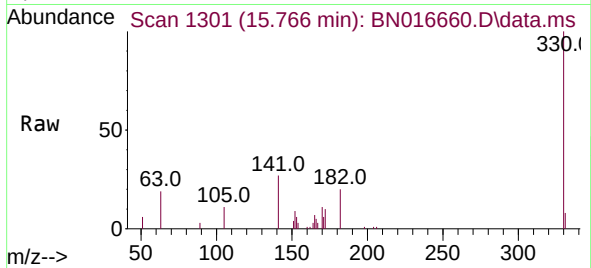




#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

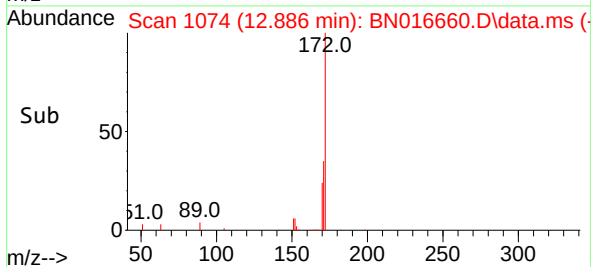
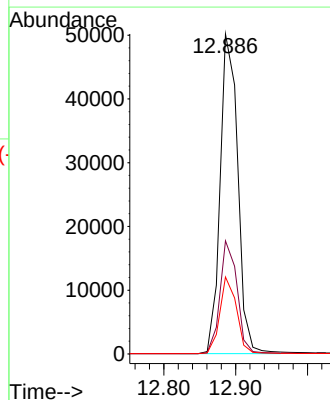
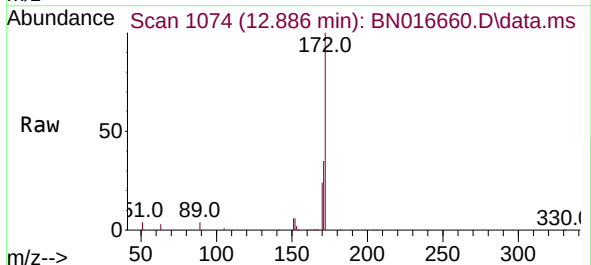
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ClientSampleId :
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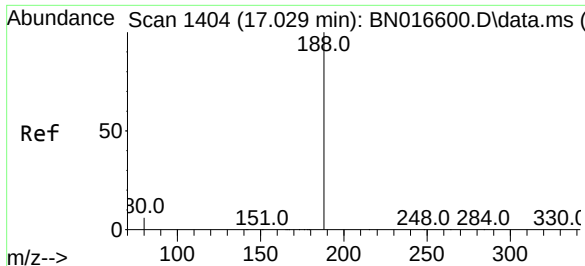
Tgt Ion:330 Resp: 10200
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

Tgt Ion:172 Resp: 85510
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.4
170 24.0 17.4 26.2

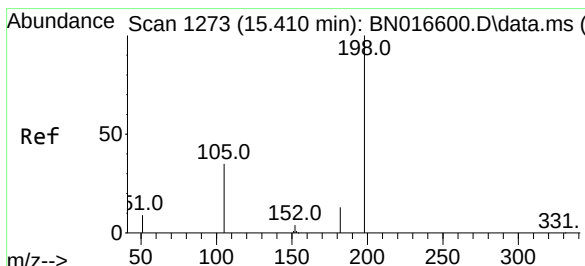
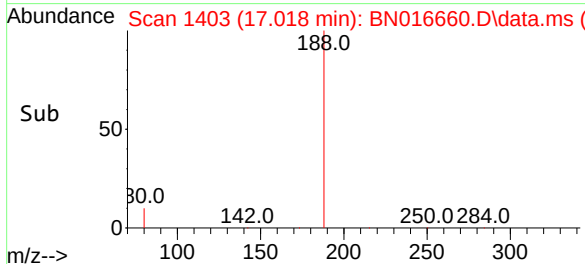
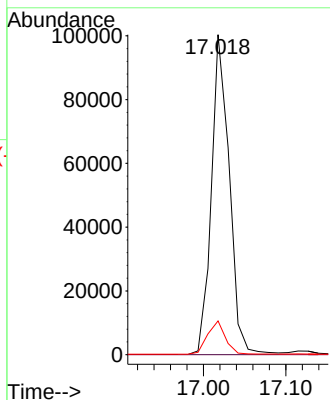
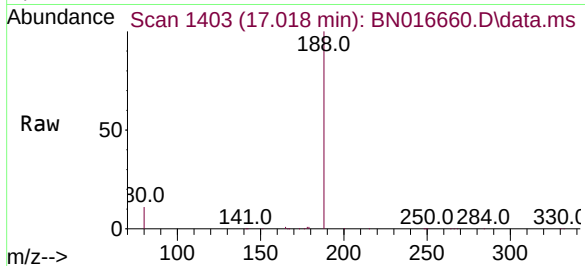




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

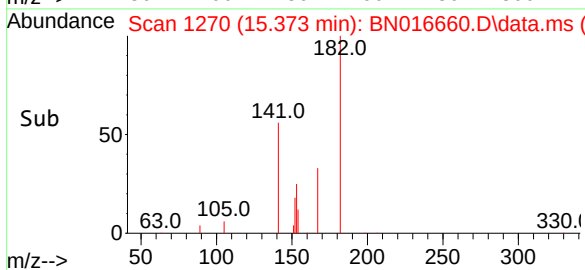
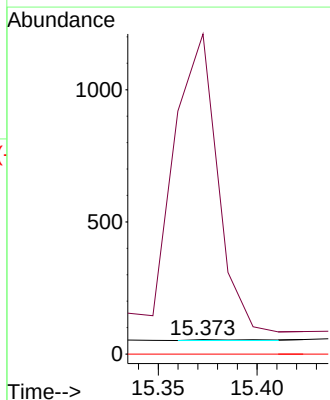
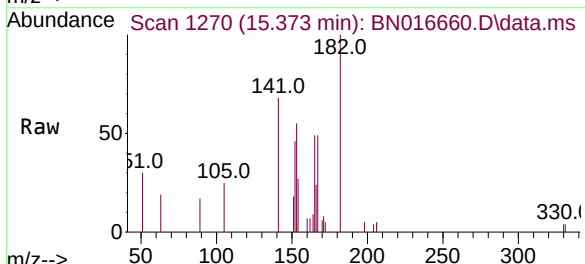
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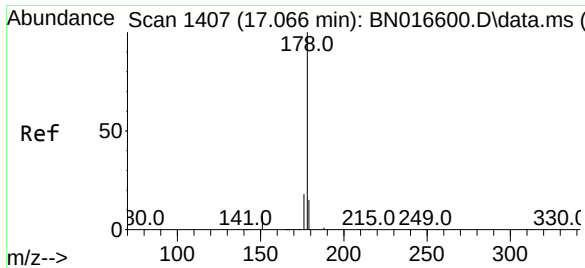
Tgt Ion:188 Resp: 150856
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.373 min Scan# 1270
Delta R.T. -0.037 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 2201.8 11.8 17.8#
77 0.0 0.0 0.0

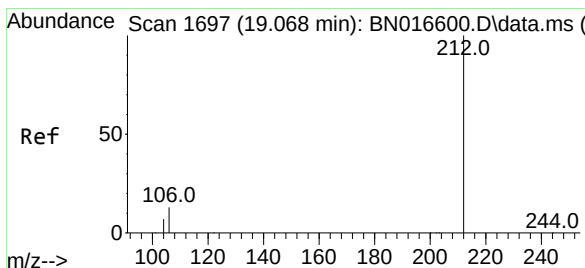
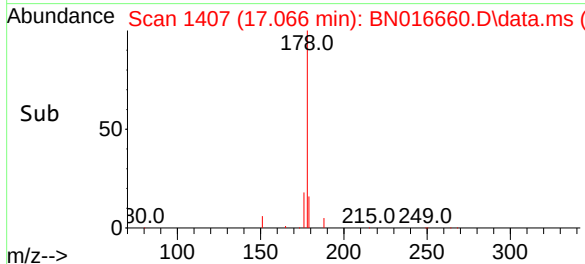
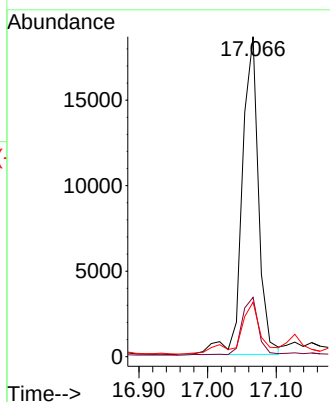
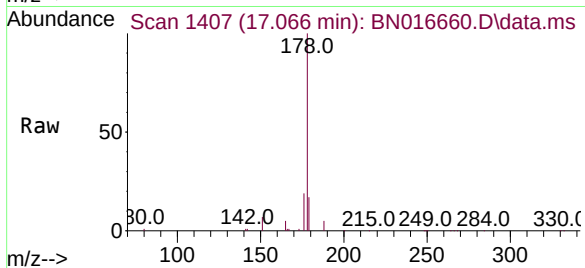




#25
Phenanthrene
Concen: 0.068 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

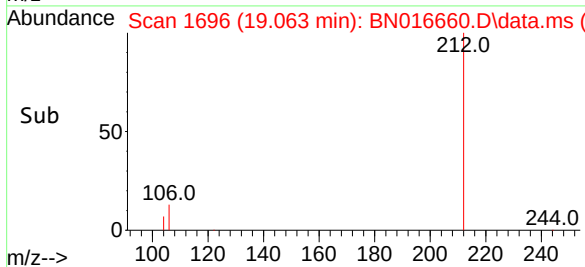
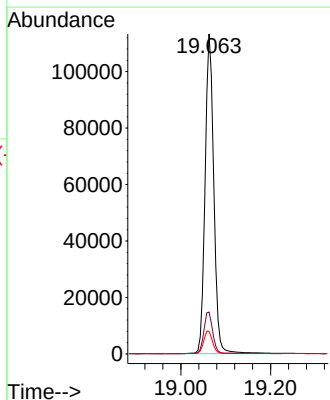
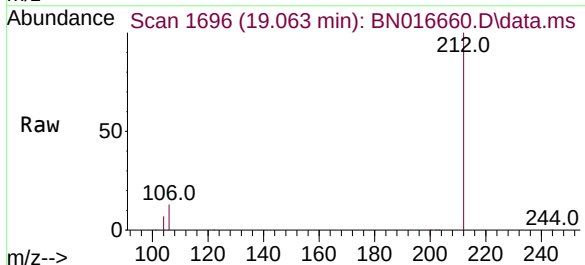
Instrument :
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RE125D2-20210917

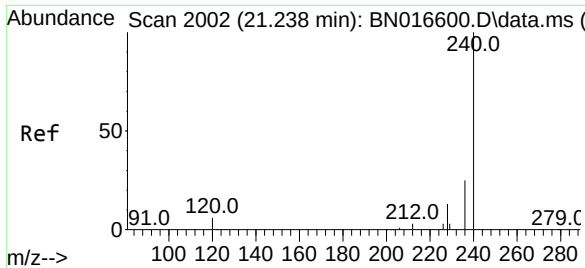
Tgt Ion:178	Resp:	30964
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.0 22.4
179	20.6	12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

Tgt Ion:212	Resp:	151865
Ion Ratio	Lower	Upper
212	100	
106	13.3	10.6 16.0
104	7.2	5.9 8.9

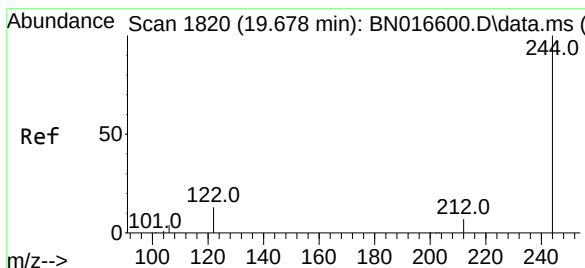
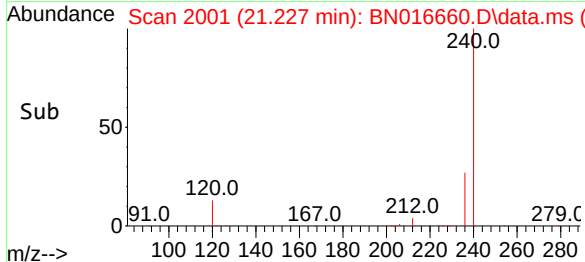
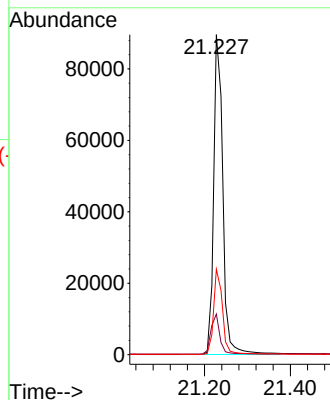
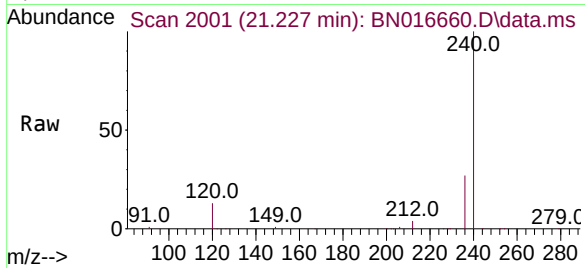




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

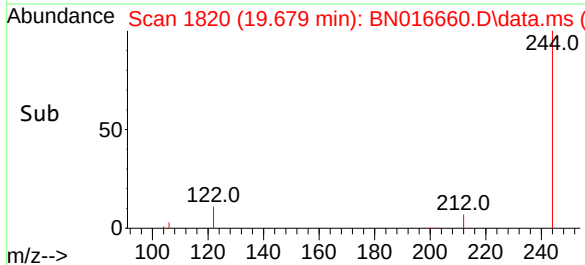
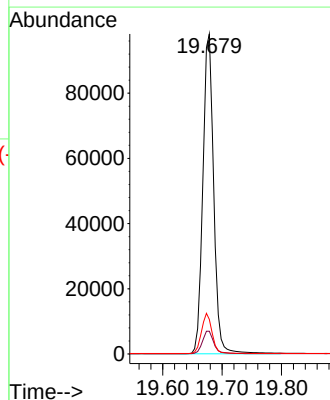
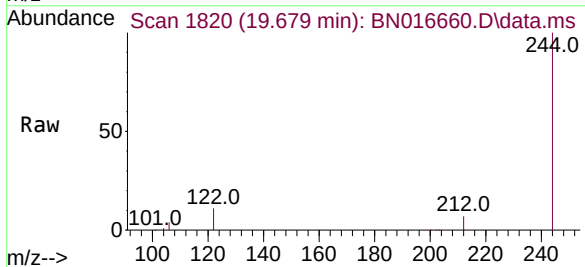
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917

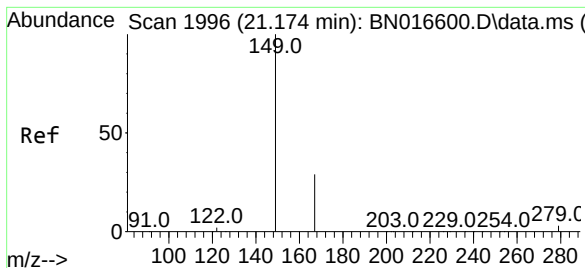
Tgt Ion:240 Resp: 132704
Ion Ratio Lower Upper
240 100
120 12.7 5.0 7.4#
236 26.7 20.4 30.6



#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016660.D
Acq: 02 Oct 2021 07:33

Tgt Ion:244 Resp: 124505
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.8 10.1 15.1

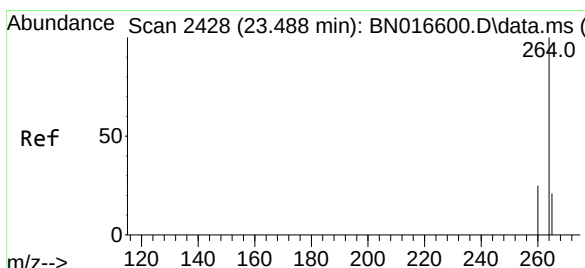
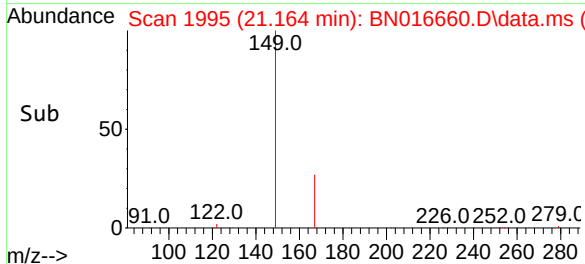
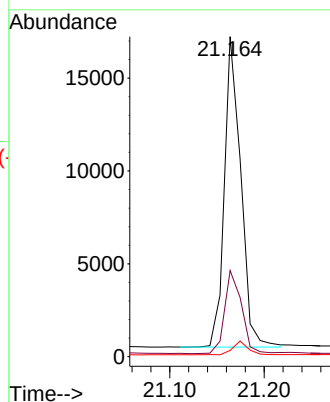
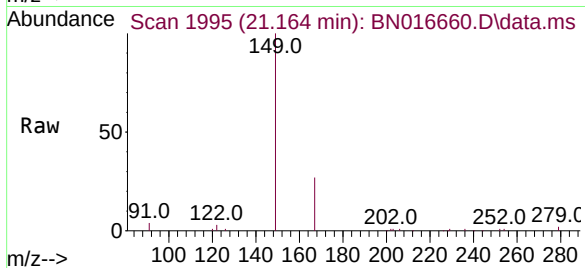




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016660.D
 Acq: 02 Oct 2021 07:33

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20210917

Tgt Ion:	149	Resp:	20216
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.2	33.4
279	4.2	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: BN016660.D
 Acq: 02 Oct 2021 07:33

Tgt Ion:	264	Resp:	135451
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.9	29.9
265	23.1	19.2	28.8

