

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016656.D
 Acq On : 02 Oct 2021 05:10
 Operator : CG/JU
 Sample : M3829-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20210917

Quant Time: Oct 02 05:42:03 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

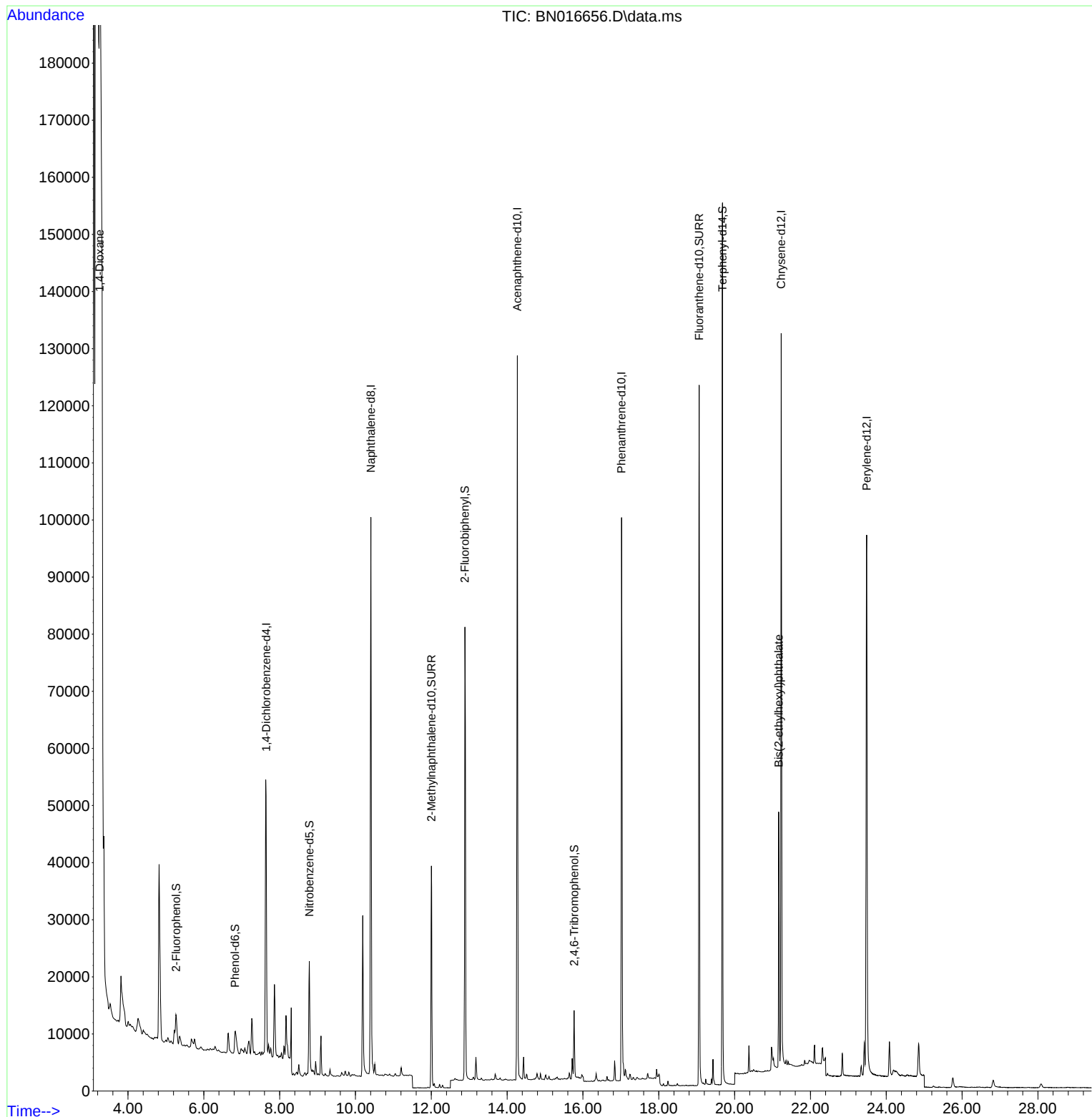
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28296	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	129914	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	68992	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	132800	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	125332	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	129944	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7071	0.10	ng	0.02
5) Phenol-d6	6.822	99	4228	0.05	ng	0.00
8) Nitrobenzene-d5	8.784	82	19302	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	53154	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10286	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	74327	0.27	ng	-0.01
27) Fluoranthene-d10	19.063	212	139422	0.39	ng	0.00
31) Terphenyl-d14	19.679	244	157780	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	70989	5.45	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.164	149	41558	0.27	ng	100

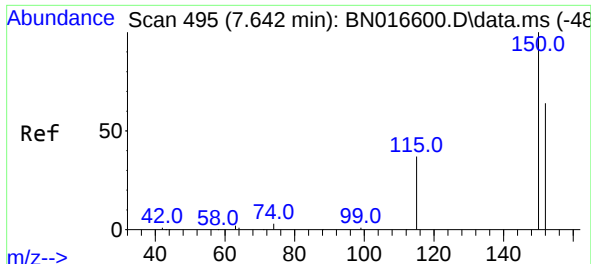
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



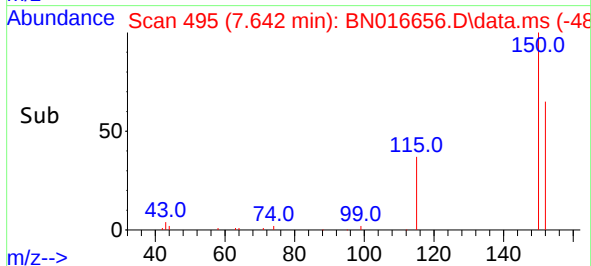
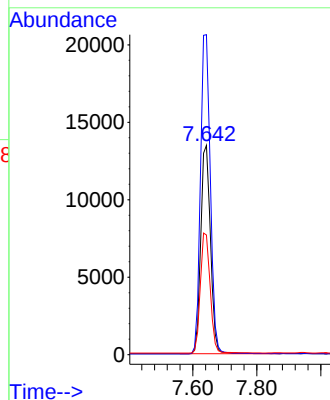
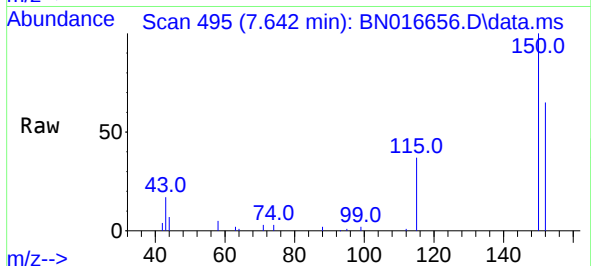


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016656.D
 Acq: 02 Oct 2021 05:10

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20210917

Tgt Ion: 152 Resp: 28296

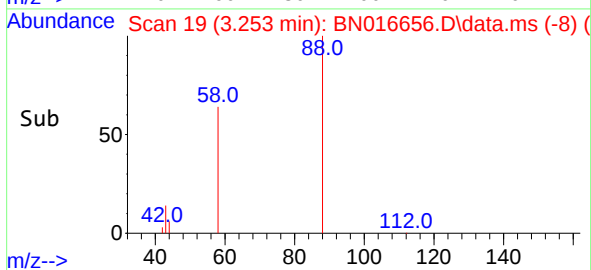
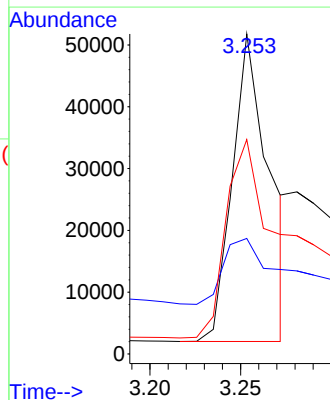
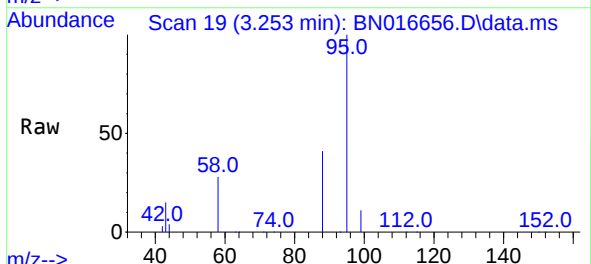
Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	57.2	46.5	69.7

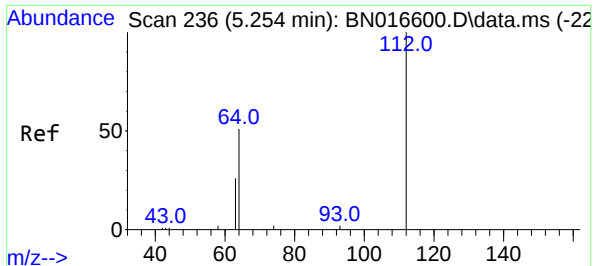


#2
 1,4-Dioxane
 Concen: 5.45 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016656.D
 Acq: 02 Oct 2021 05:10

Tgt Ion: 88 Resp: 70989

Ion	Ratio	Lower	Upper
88	100		
43	26.1	37.8	56.8
58	73.8	61.3	91.9

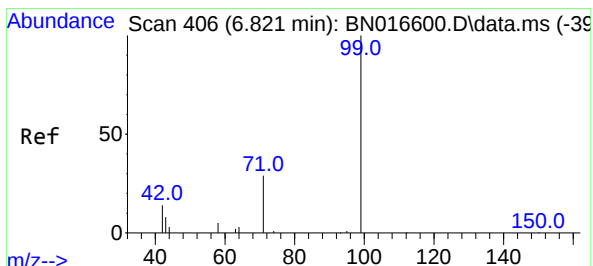
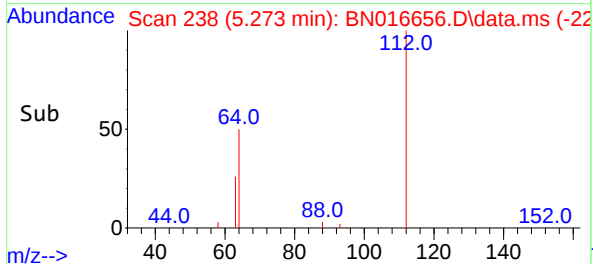
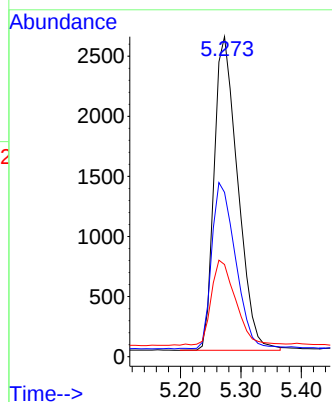
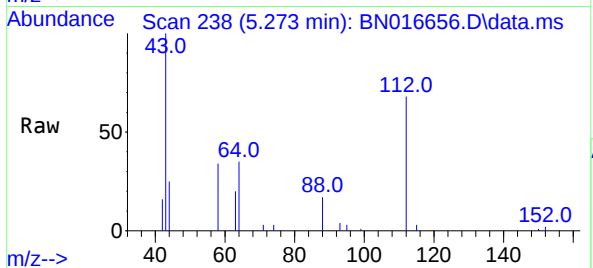




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

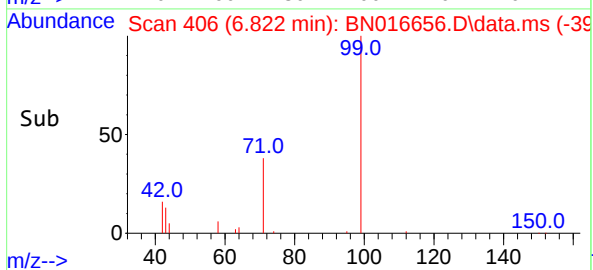
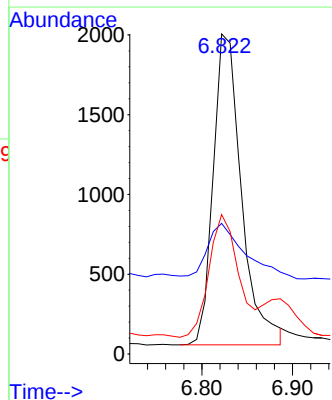
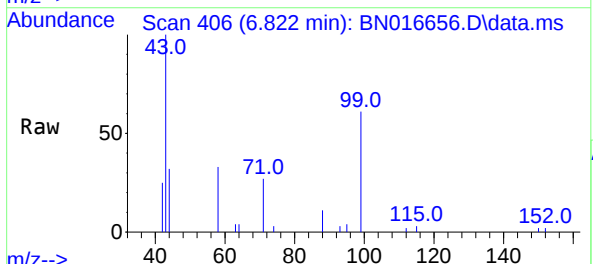
Instrument :
BNA_N
ClientSampleId :
RE125D1-20210917

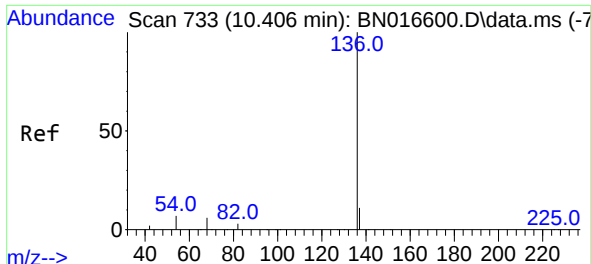
Tgt Ion:	112	Resp:	7071
Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.1	64.7
63	28.2	21.6	32.4



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

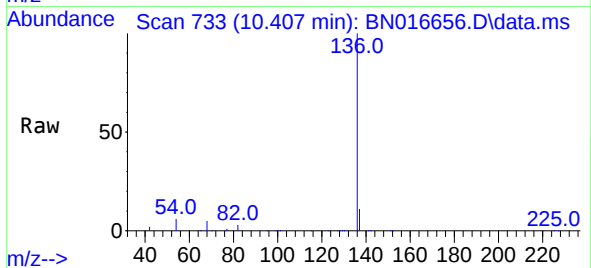
Tgt Ion:	99	Resp:	4228
Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.0	19.6#
71	41.6	23.5	35.3#



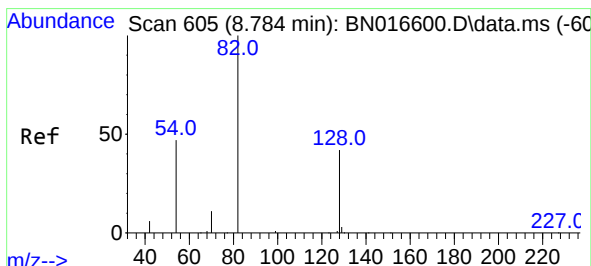
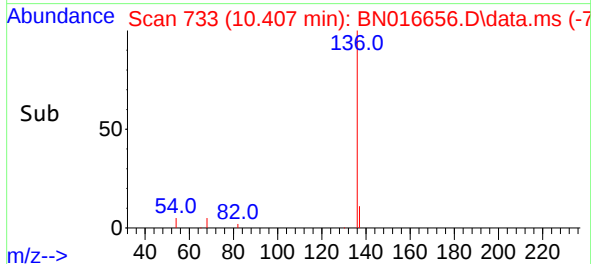
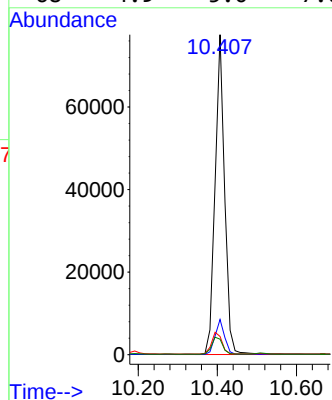


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

Instrument :
BNA_N
ClientSampleId :
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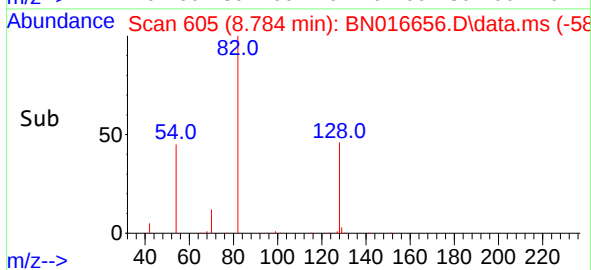
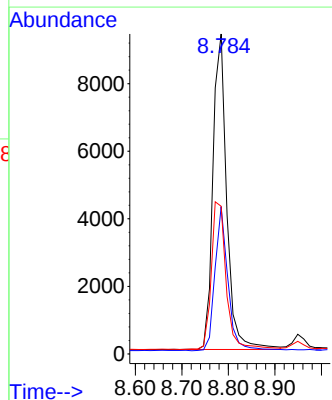
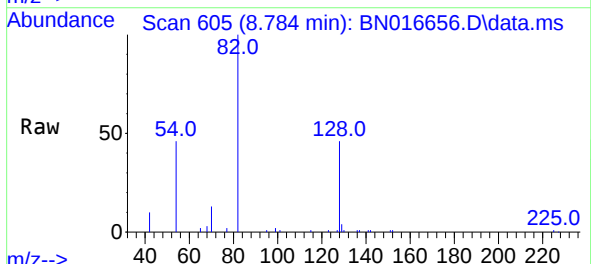


Tgt Ion:	136	Resp:	129914
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.7	5.9	8.9#
68	4.9	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

Tgt Ion:	82	Resp:	19302
Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.6	50.4
54	46.1	37.6	56.4

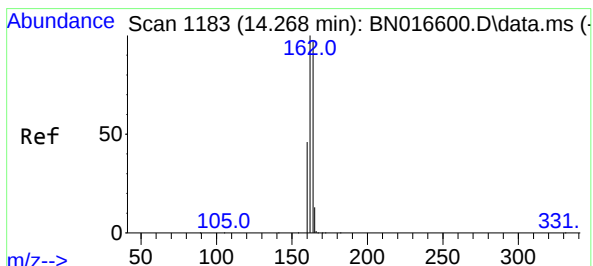
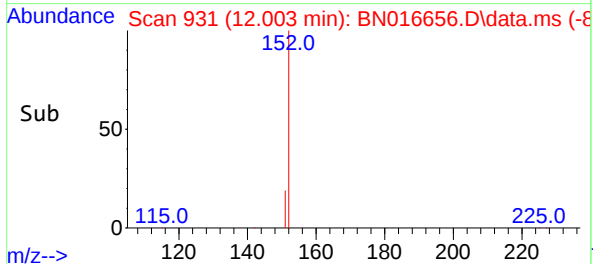
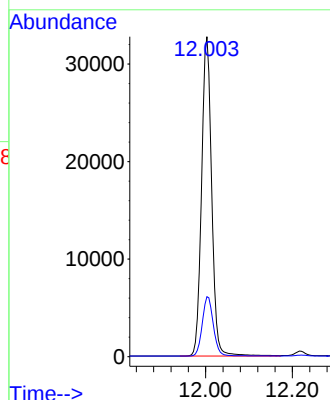
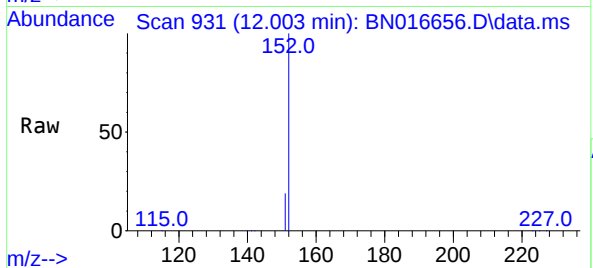




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

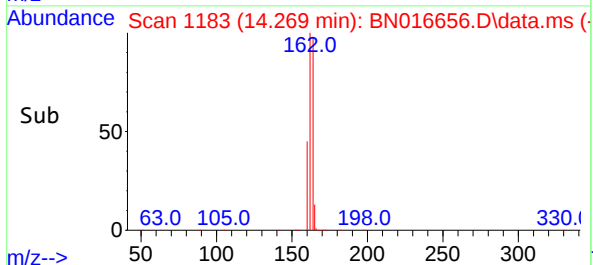
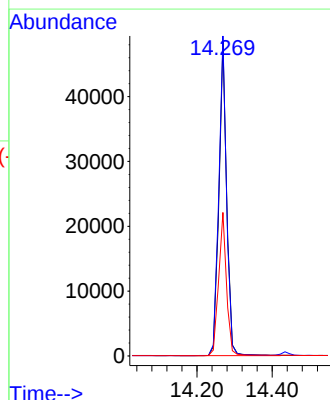
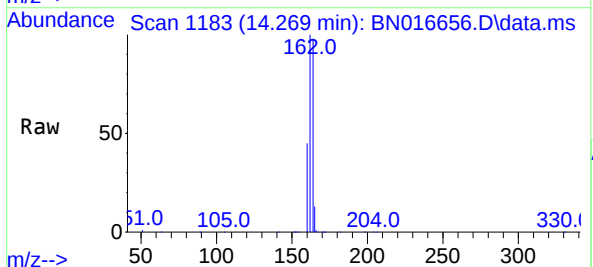
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ClientSampleId :
RE125D1-20210917

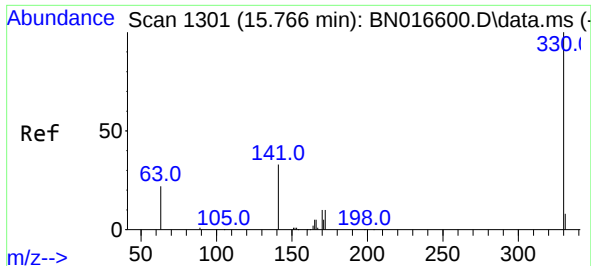
Tgt Ion:152 Resp: 53154
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

Tgt Ion:164 Resp: 68992
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 45.7 37.7 56.5

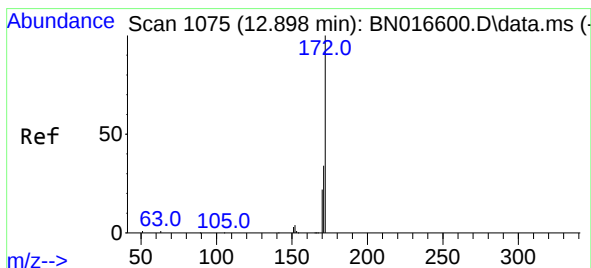
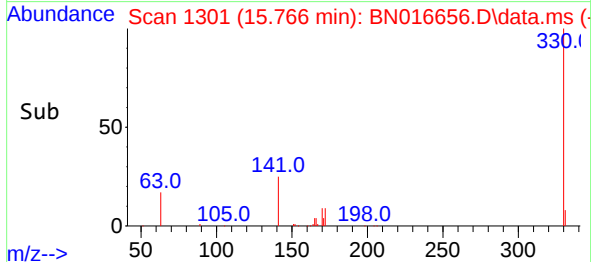
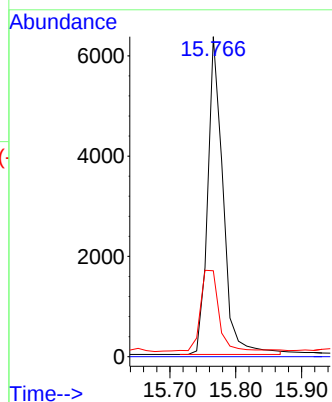
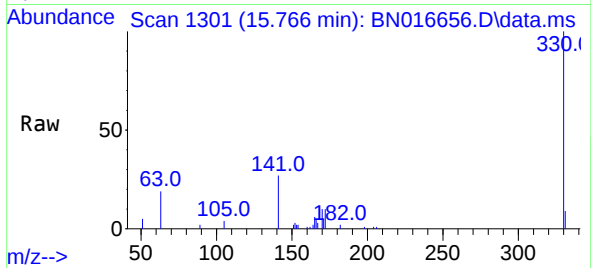




#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

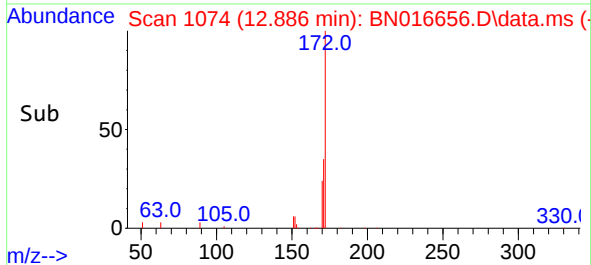
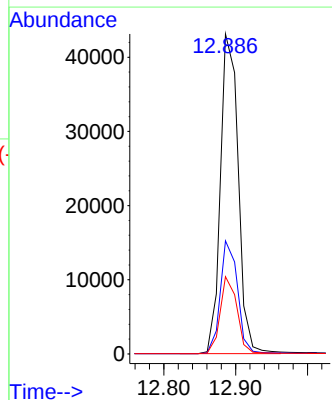
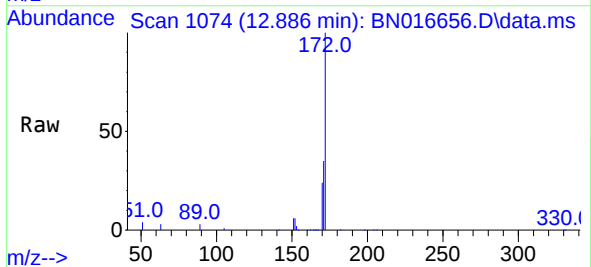
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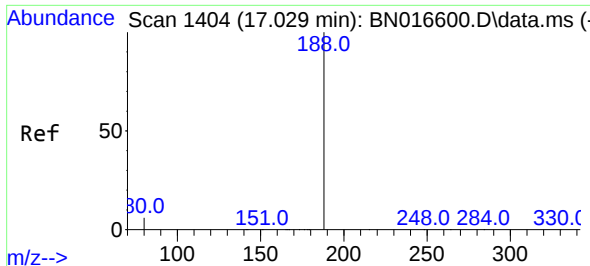
Tgt Ion:330 Resp: 10286
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

Tgt Ion:172 Resp: 74327
Ion Ratio Lower Upper
172 100
171 35.4 27.0 40.4
170 24.2 17.4 26.2

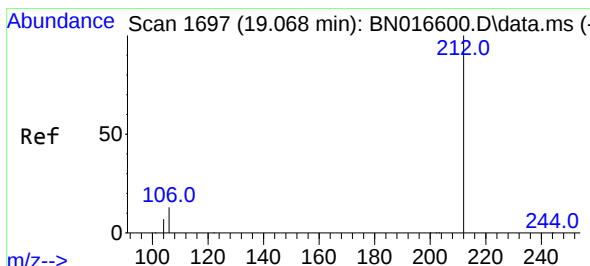
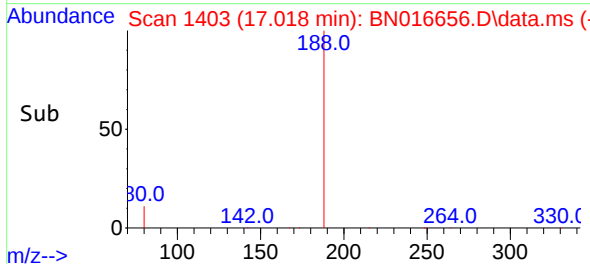
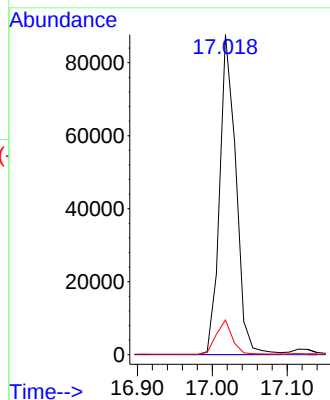
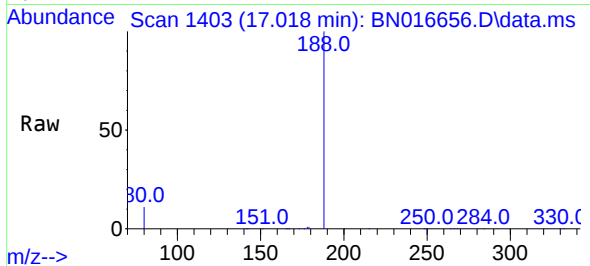




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

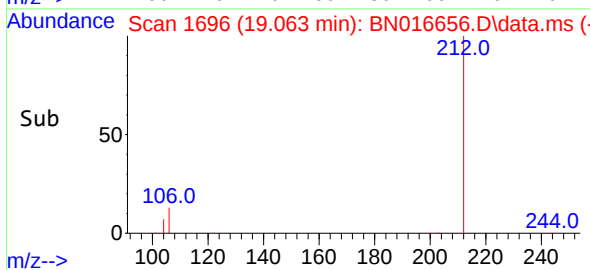
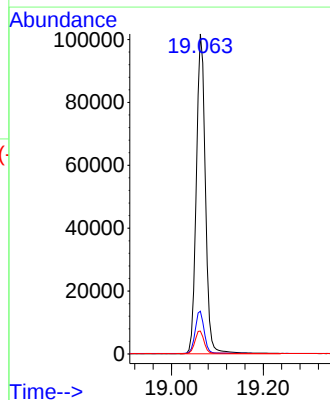
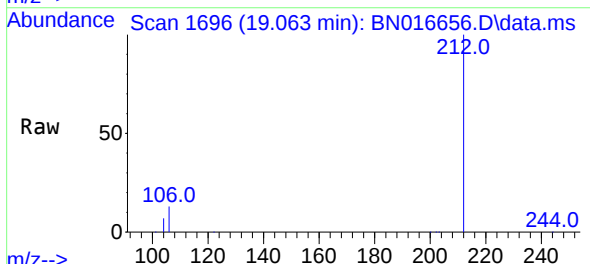
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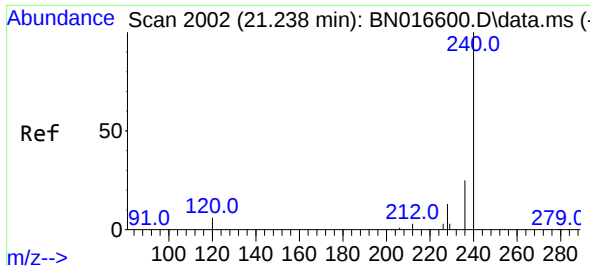
Tgt Ion:188 Resp: 132800
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 5.0 7.6#



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

Tgt Ion:212 Resp: 139422
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.1 5.9 8.9

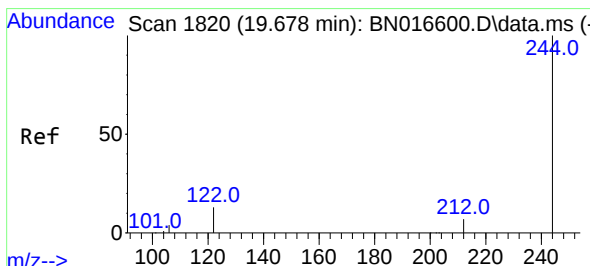
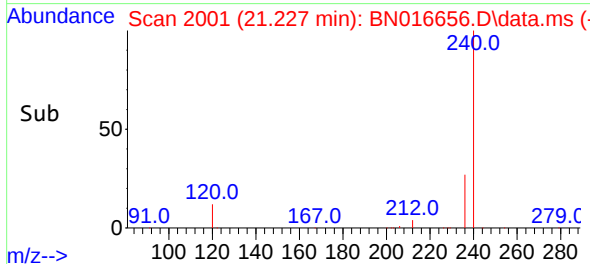
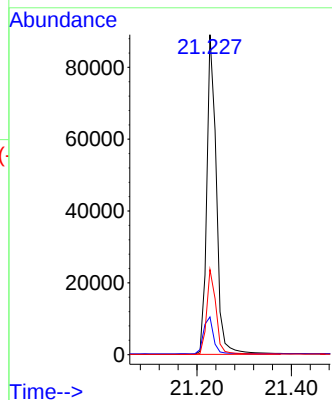
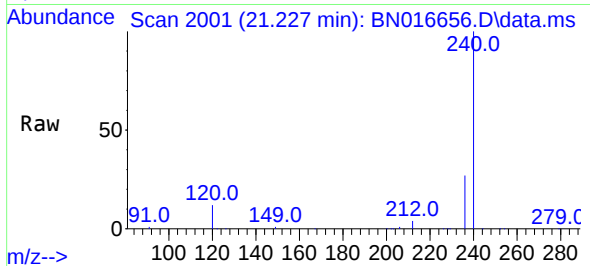




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

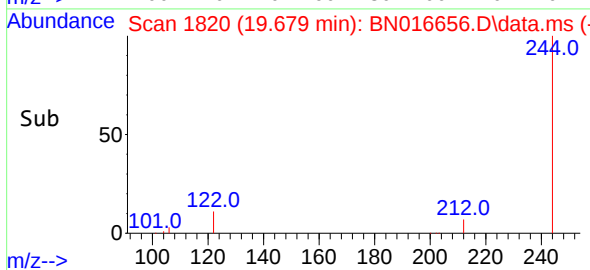
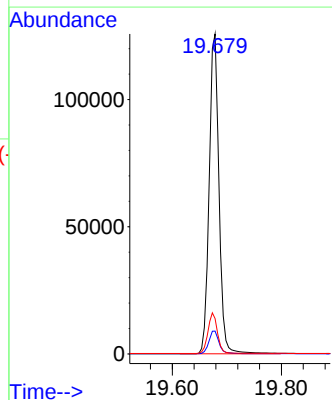
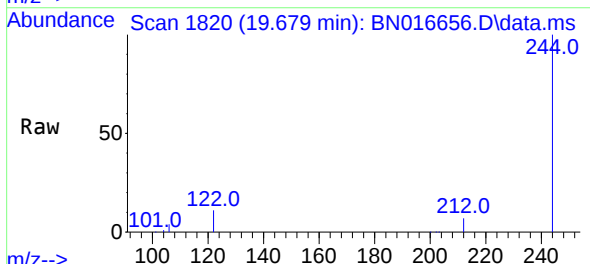
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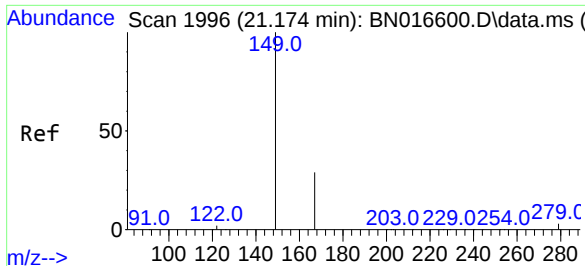
Tgt Ion:240 Resp: 125332
Ion Ratio Lower Upper
240 100
120 11.8 5.0 7.4#
236 26.6 20.4 30.6



#31
Terphenyl-d14
Concen: 0.58 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016656.D
Acq: 02 Oct 2021 05:10

Tgt Ion:244 Resp: 157780
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.1 10.1 15.1

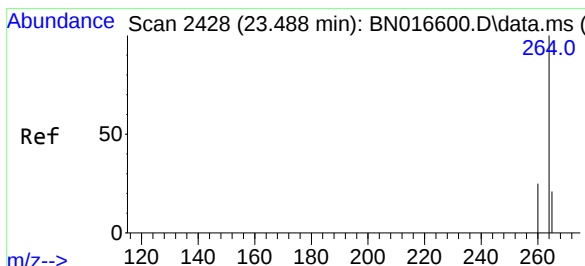
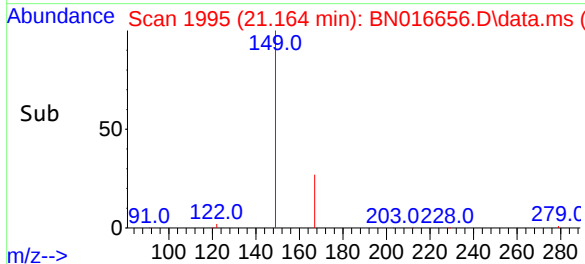
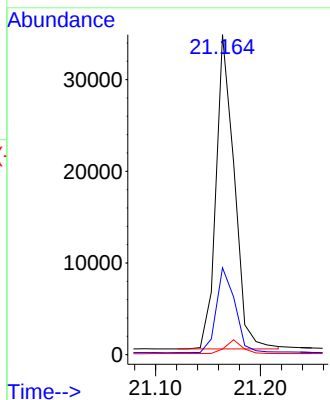
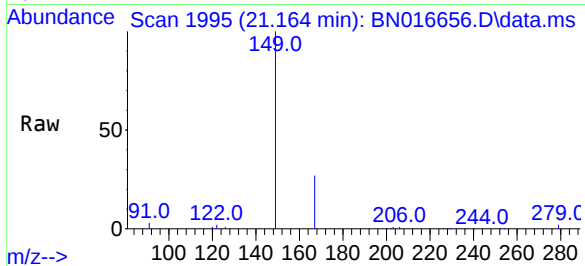




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.27 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016656.D
 Acq: 02 Oct 2021 05:10

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	149	Resp:	41558
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.1	3.2	4.8



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016656.D
 Acq: 02 Oct 2021 05:10

Tgt Ion:	264	Resp:	129944
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	22.9	19.2	28.8

