

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016658.D
 Acq On : 02 Oct 2021 06:22
 Operator : CG/JU
 Sample : M3829-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20210917

Quant Time: Oct 02 07:04:10 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

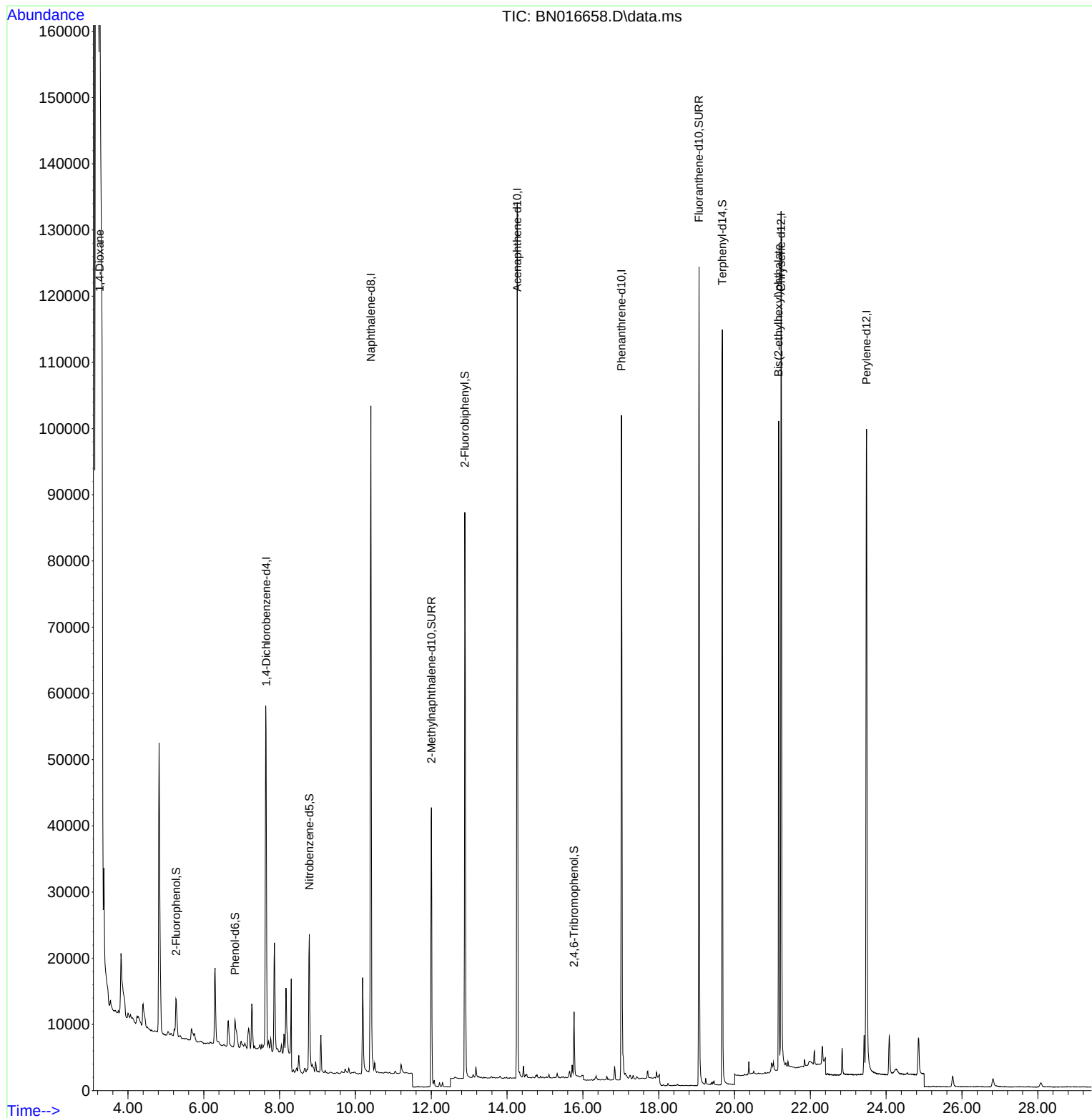
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	30432	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	138394	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	73199	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	139252	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	130685	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	135170	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	7670	0.10	ng	0.02
5) Phenol-d6	6.821	99	4570	0.05	ng	0.00
8) Nitrobenzene-d5	8.784	82	20783	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	57664	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8637	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	79273	0.27	ng	-0.01
27) Fluoranthene-d10	19.063	212	140633	0.38	ng	0.00
31) Terphenyl-d14	19.678	244	118952	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	38178	2.73	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.163	149	89712	0.56	ng	100

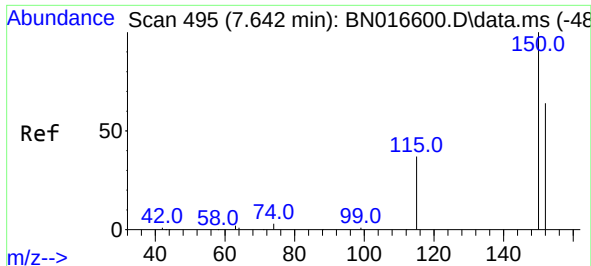
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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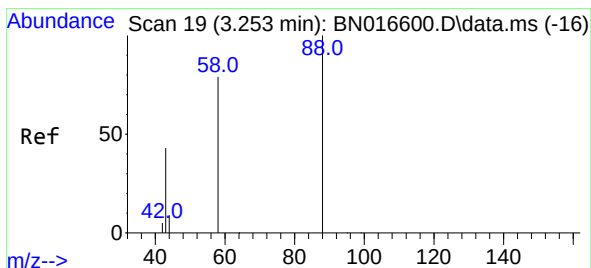
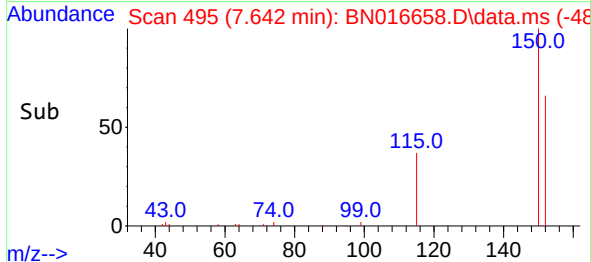
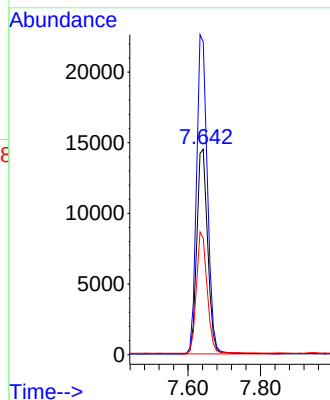
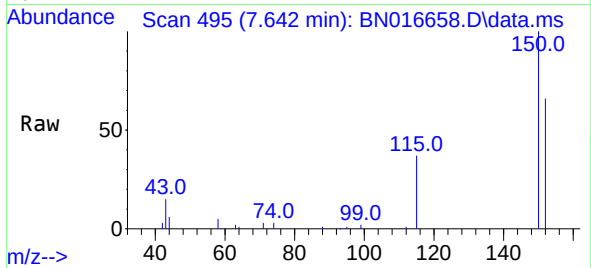




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016658.D
 Acq: 02 Oct 2021 06:22

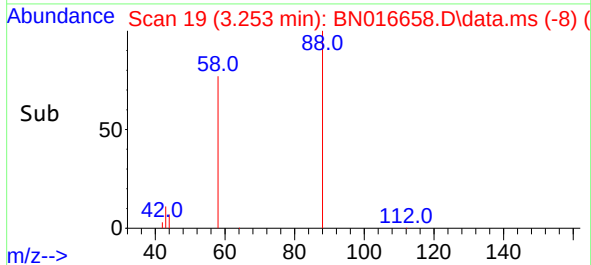
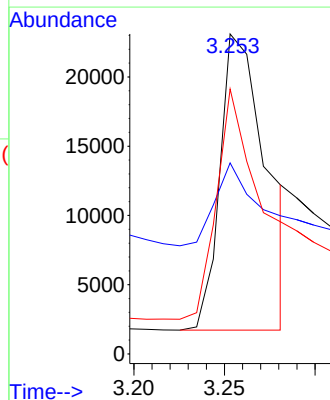
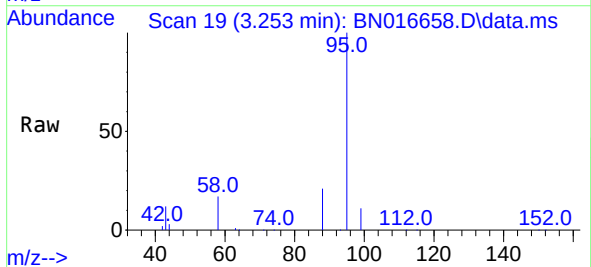
Instrument :
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 RE125D3-20210917

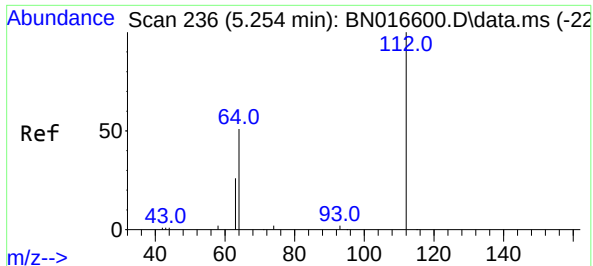
Tgt Ion:152 Resp: 30432
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.6 186.8
 115 56.7 46.5 69.7



#2
 1,4-Dioxane
 Concen: 2.73 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016658.D
 Acq: 02 Oct 2021 06:22

Tgt Ion: 88 Resp: 38178
 Ion Ratio Lower Upper
 88 100
 43 25.6 37.8 56.8#
 58 72.5 61.3 91.9

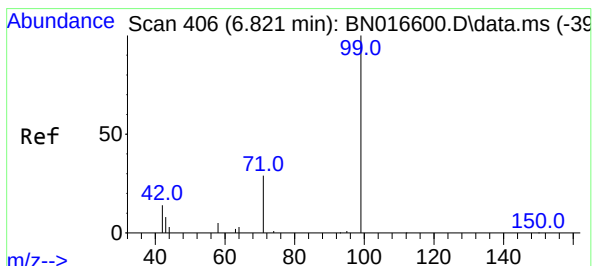
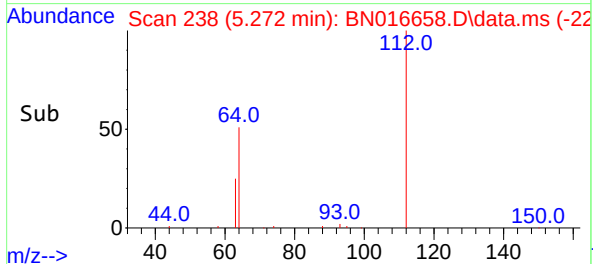
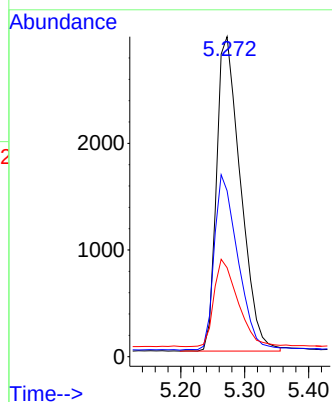
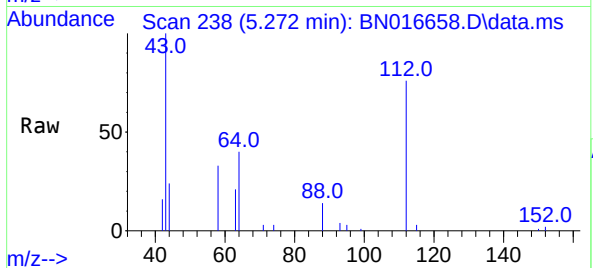




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

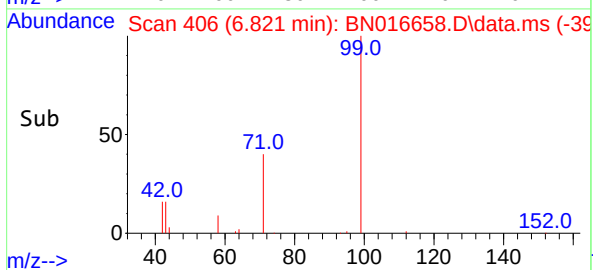
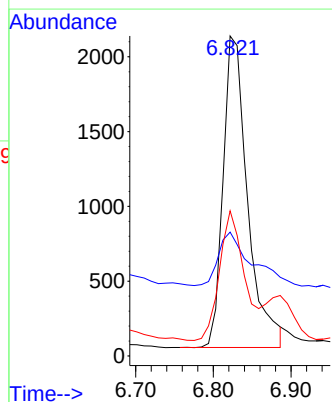
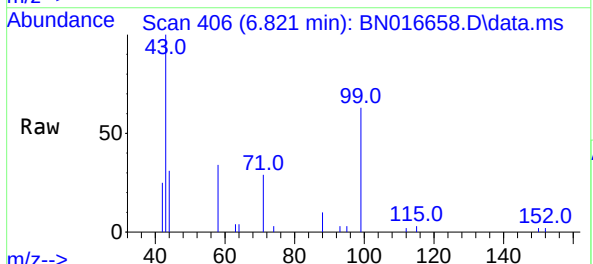
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BNA_N
ClientSampleId :
RE125D3-20210917

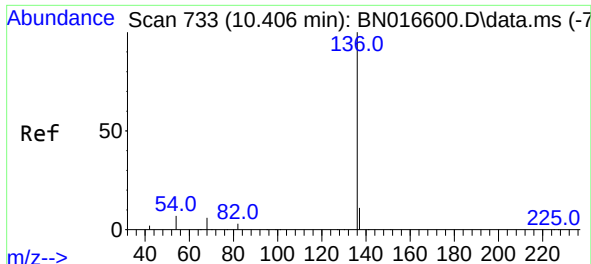
Tgt Ion:112 Resp: 7670
Ion Ratio Lower Upper
112 100
64 54.9 43.1 64.7
63 27.7 21.6 32.4



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.821 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

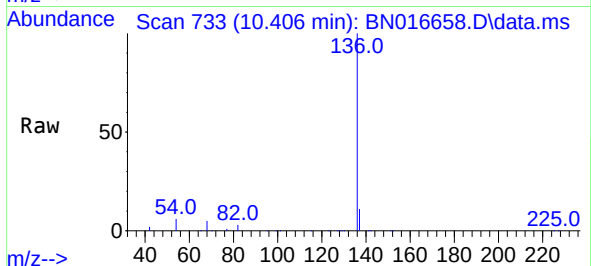
Tgt Ion: 99 Resp: 4570
Ion Ratio Lower Upper
99 100
42 22.3 13.0 19.6#
71 42.3 23.5 35.3#



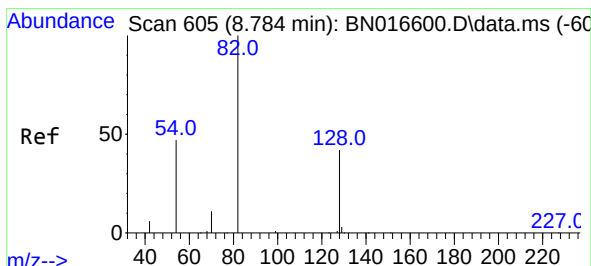
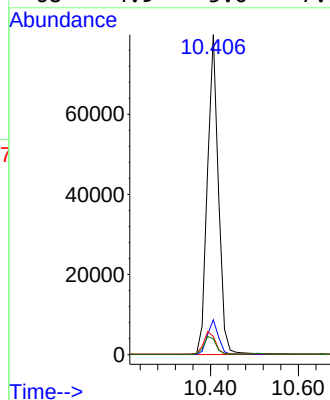


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

Instrument :
BNA_N
ClientSampleId :
RE125D3-20210917

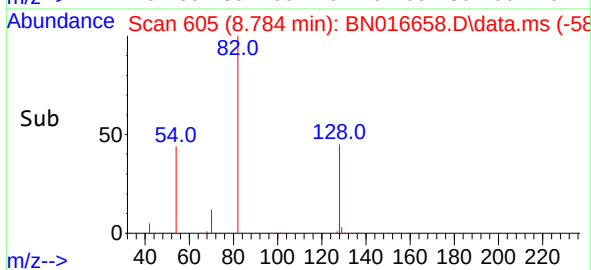
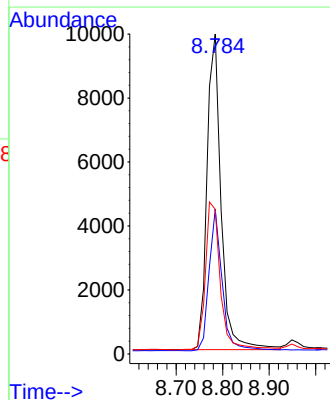
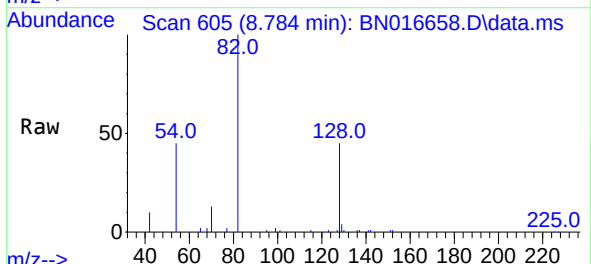


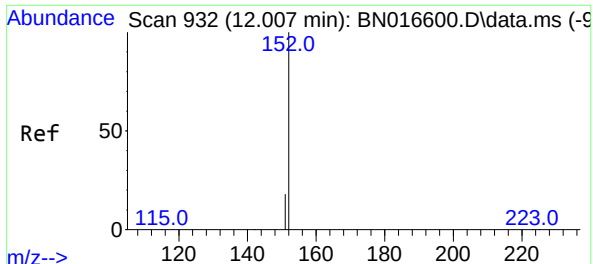
Tgt Ion:	136	Resp:	138394
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.7	5.9	8.9#
68	4.9	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

Tgt Ion:	82	Resp:	20783
Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.6	50.4
54	45.2	37.6	56.4

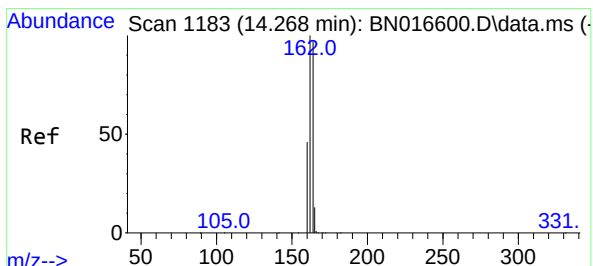
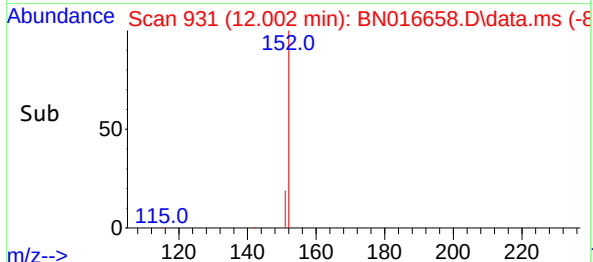
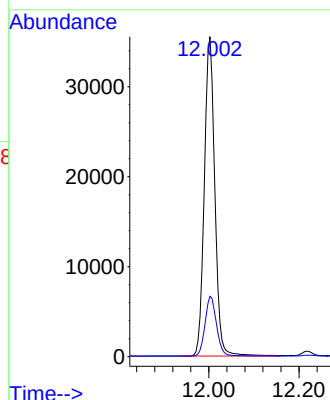
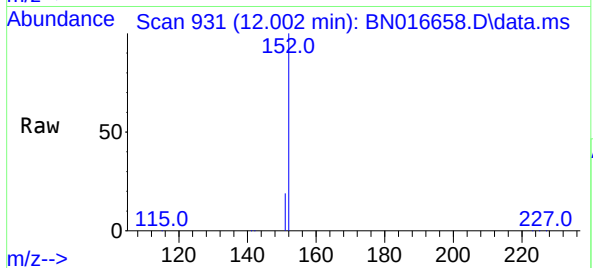




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

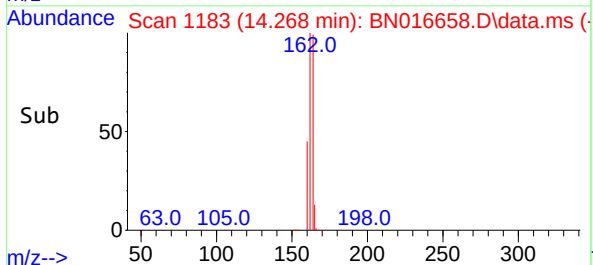
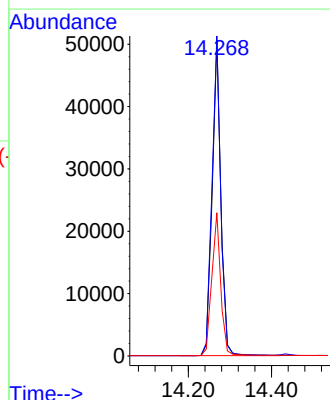
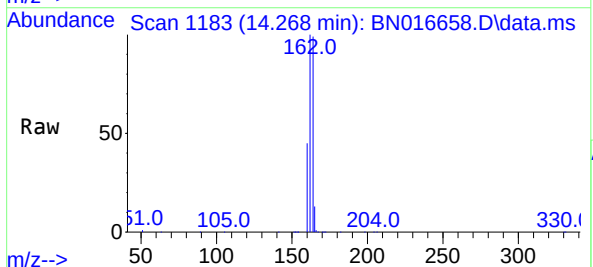
Instrument :
BNA_N
ClientSampleId :
RE125D3-20210917

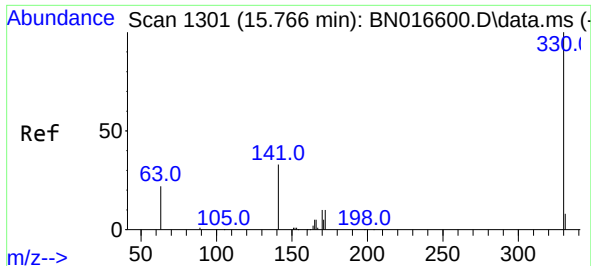
Tgt Ion:152 Resp: 57664
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

Tgt Ion:164 Resp: 73199
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.3 37.7 56.5

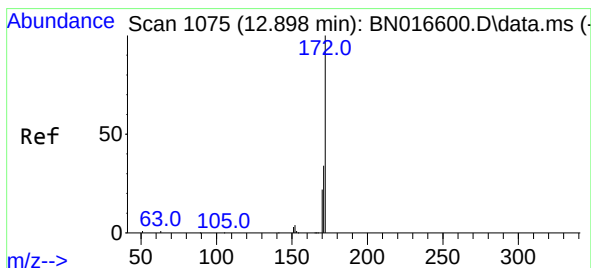
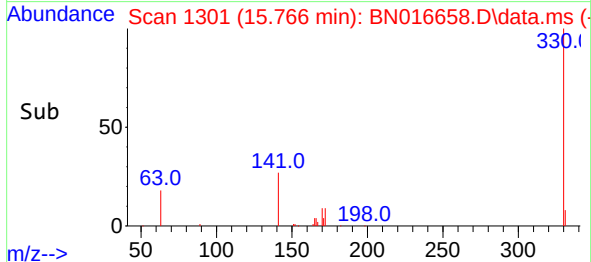
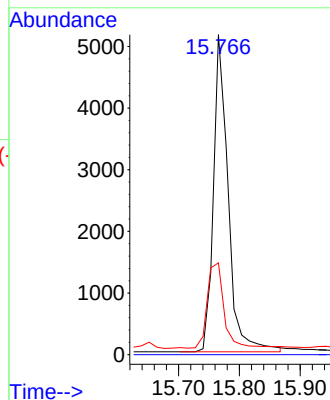
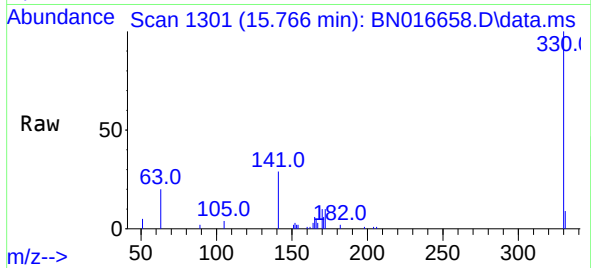




#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

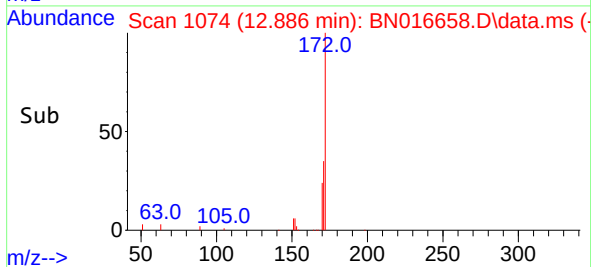
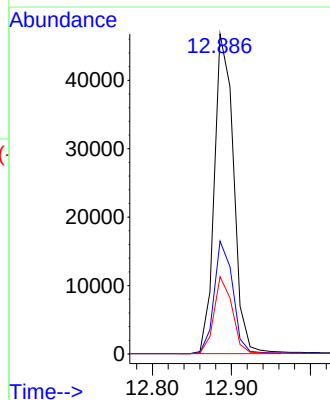
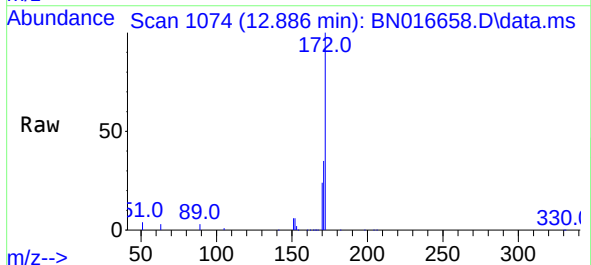
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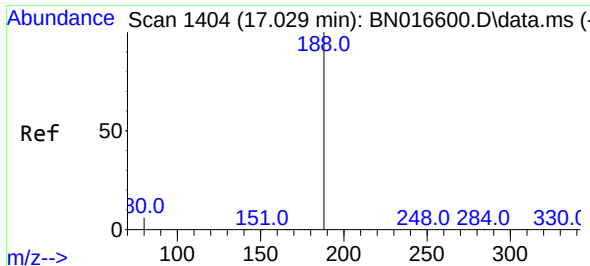
Tgt Ion:330 Resp: 8637
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.9 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

Tgt Ion:172 Resp: 79273
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.4
170 24.1 17.4 26.2

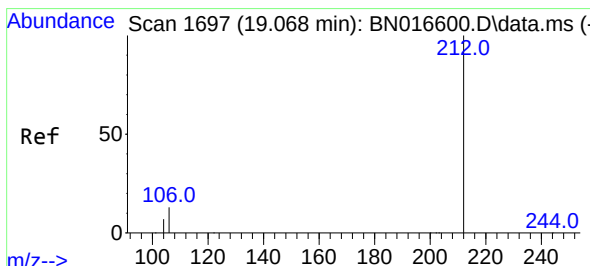
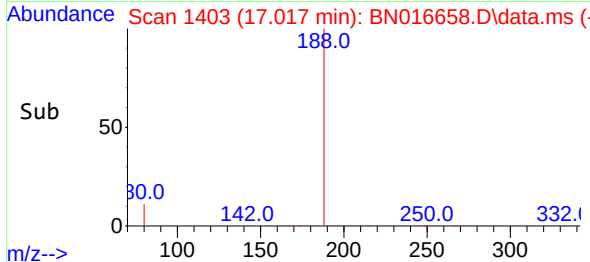
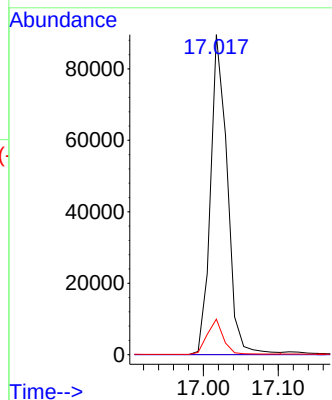
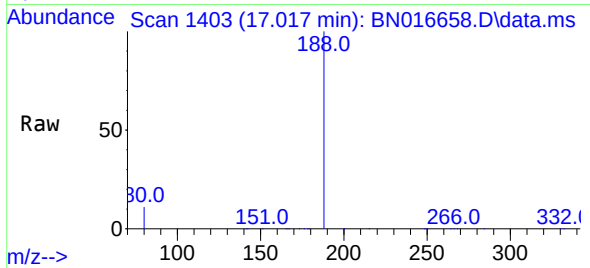




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

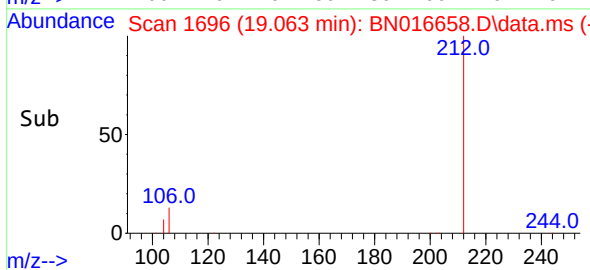
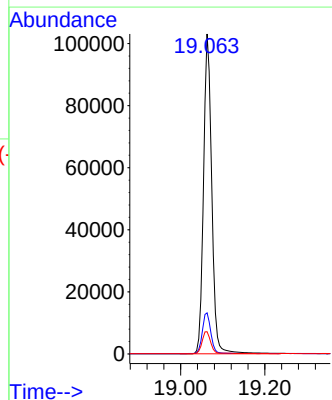
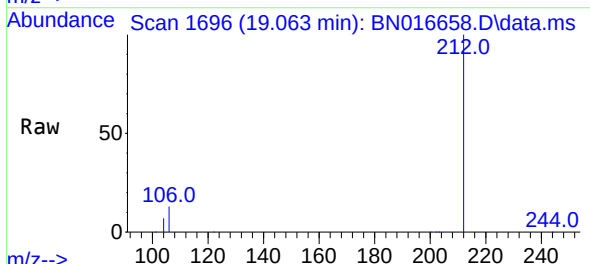
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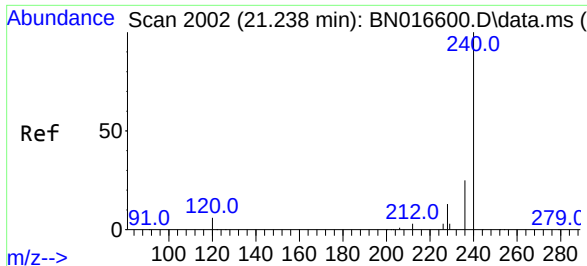
Tgt Ion:188 Resp: 139252
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 5.0 7.6#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

Tgt Ion:212 Resp: 140633
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.1 5.9 8.9

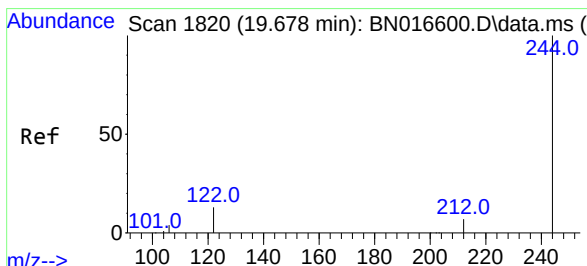
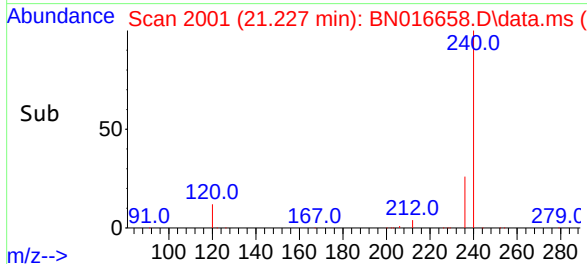
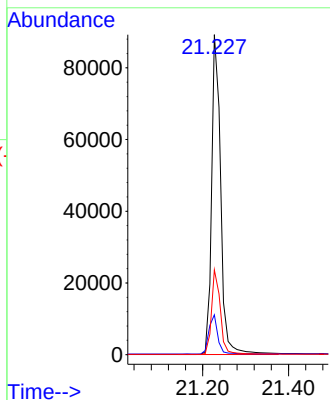
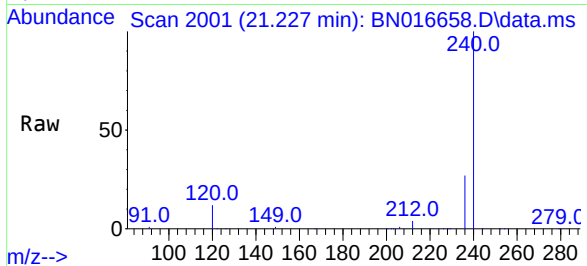




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

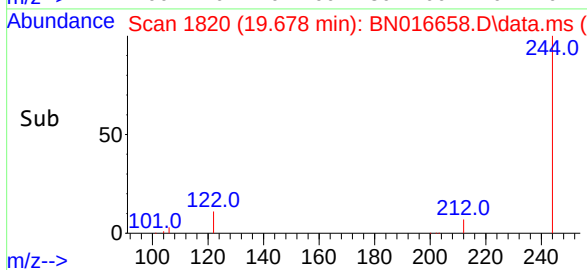
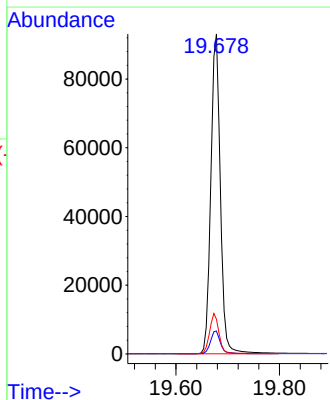
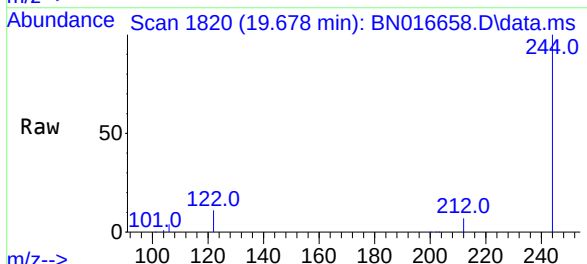
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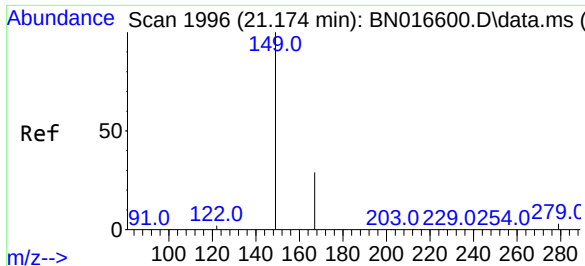
Tgt Ion:240 Resp: 130685
Ion Ratio Lower Upper
240 100
120 12.4 5.0 7.4#
236 26.5 20.4 30.6



#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

Tgt Ion:244 Resp: 118952
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.8 10.1 15.1

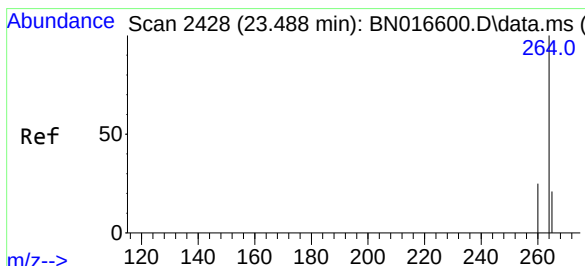
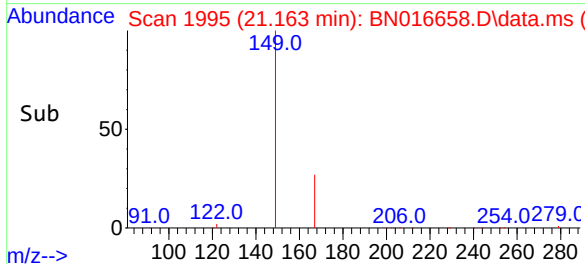
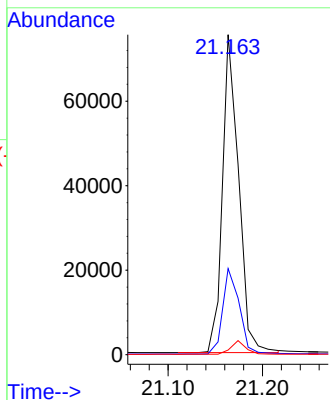
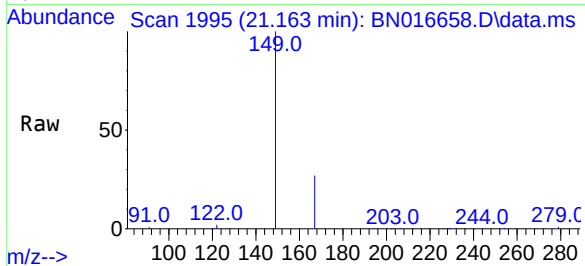




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016658.D
Acq: 02 Oct 2021 06:22

Instrument :
BNA_N
ClientSampleId :
RE125D3-20210917

Tgt Ion:149 Resp: 89712
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.0 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: BN016658.D
Acq: 02 Oct 2021 06:22

Tgt Ion:264 Resp: 135170
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 22.7 19.2 28.8

