

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016609.D
 Acq On : 30 Sep 2021 20:58
 Operator : CG/JU
 Sample : M3782-03DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210914DL

Quant Time: Oct 01 01:37:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

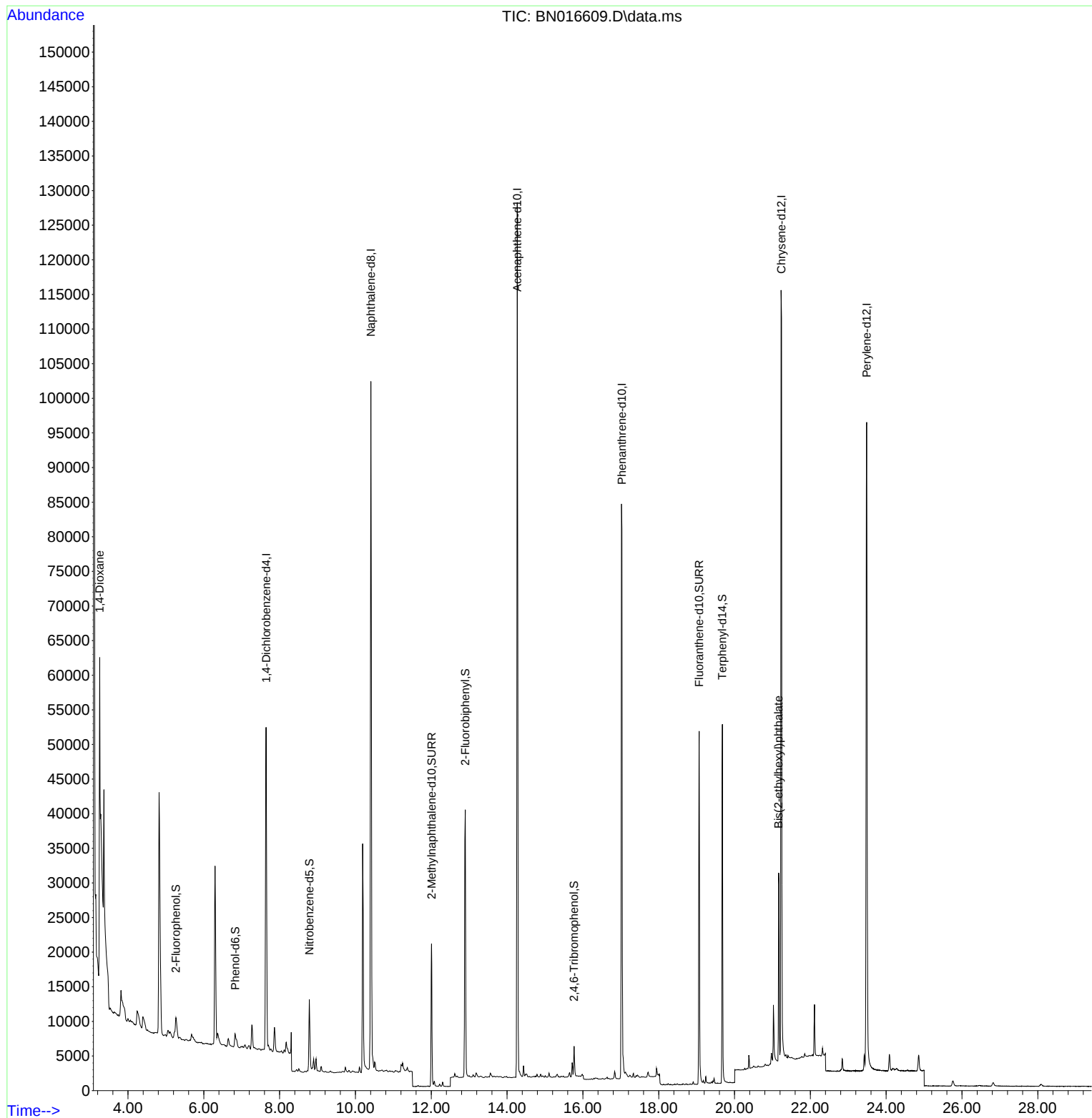
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29298	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	134109	0.40	ng	0.00
13) Acenaphthene-d10	14.268	164	71292	0.40	ng	0.00
19) Phenanthrene-d10	17.029	188	135738	0.40	ng	0.00
29) Chrysene-d12	21.238	240	126669	0.40	ng	0.00
35) Perylene-d12	23.484	264	128683	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	4399	0.06	ng	0.00
5) Phenol-d6	6.831	99	2517	0.03	ng	0.00
8) Nitrobenzene-d5	8.784	82	10028	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	28392	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	3926	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	37796	0.13	ng	0.00
27) Fluoranthene-d10	19.068	212	60567	0.17	ng	0.00
31) Terphenyl-d14	19.678	244	52906	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	32654	2.42	ng	Qvalue # 89
34) Bis(2-ethylhexyl)phtha...	21.163	149	29116	0.19	ng	99

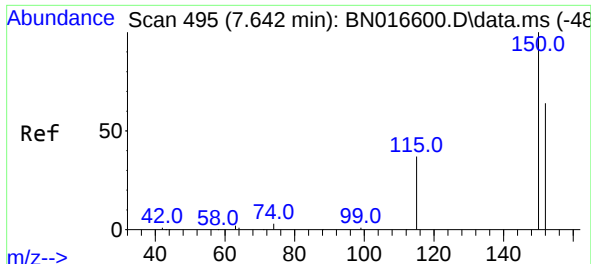
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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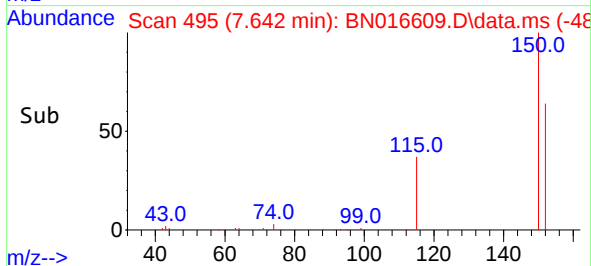
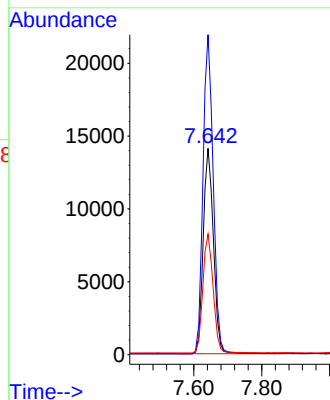
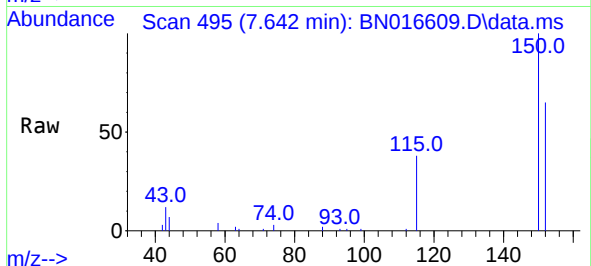


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016609.D
 Acq: 30 Sep 2021 20:58

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210914DL

Tgt Ion: 152 Resp: 29298

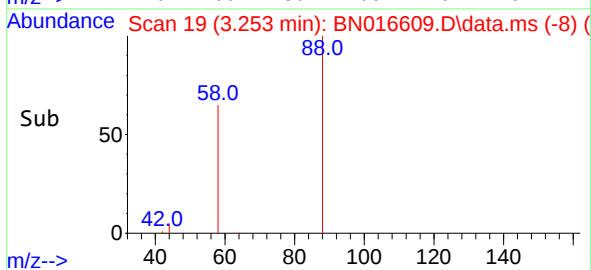
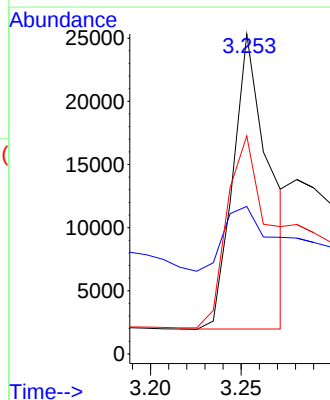
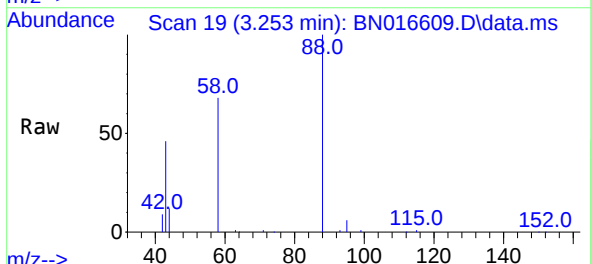
Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.5	46.5	69.7

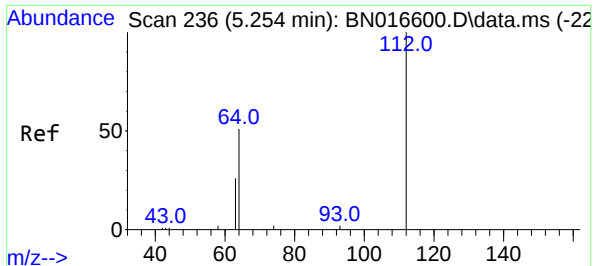


#2
 1,4-Dioxane
 Concen: 2.42 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016609.D
 Acq: 30 Sep 2021 20:58

Tgt Ion: 88 Resp: 32654

Ion	Ratio	Lower	Upper
88	100		
43	31.1	37.8	56.8#
58	74.4	61.3	91.9

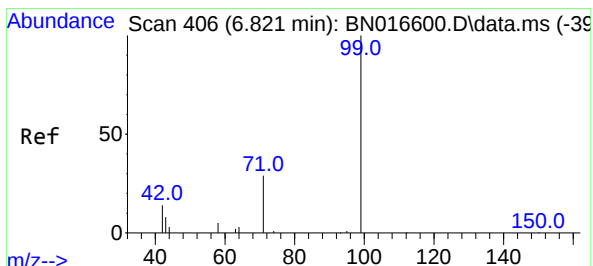
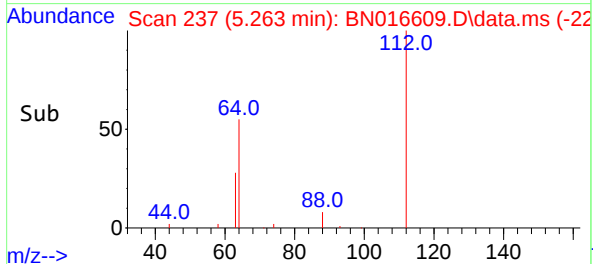
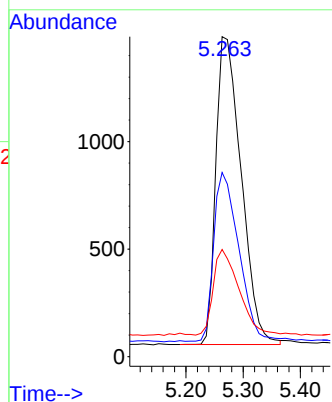
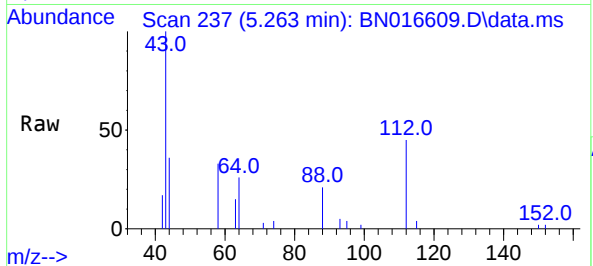




#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

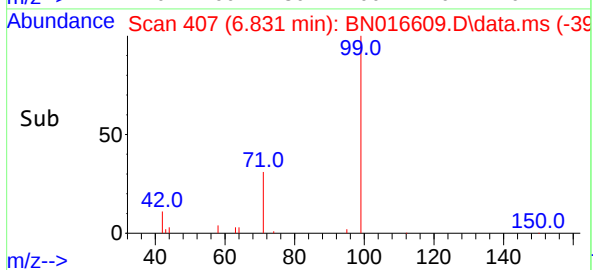
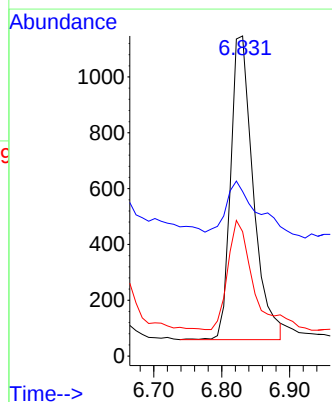
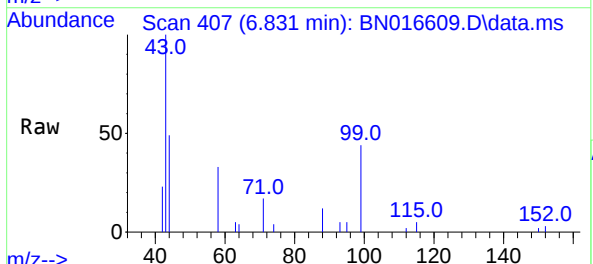
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ClientSampleId :
RE132D2-20210914DL

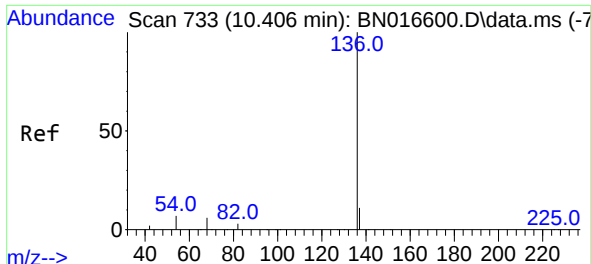
Tgt Ion:112 Resp: 4399
Ion Ratio Lower Upper
112 100
64 54.3 43.1 64.7
63 28.1 21.6 32.4



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Tgt Ion: 99 Resp: 2517
Ion Ratio Lower Upper
99 100
42 20.8 13.0 19.6#
71 37.4 23.5 35.3#

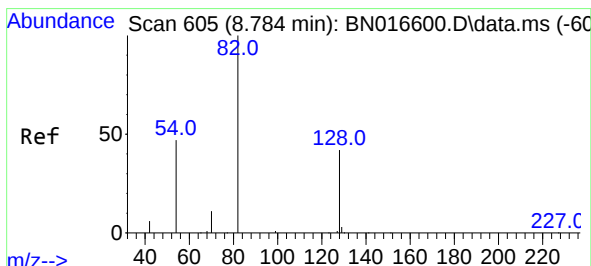
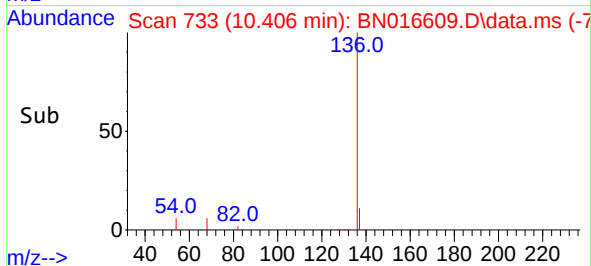
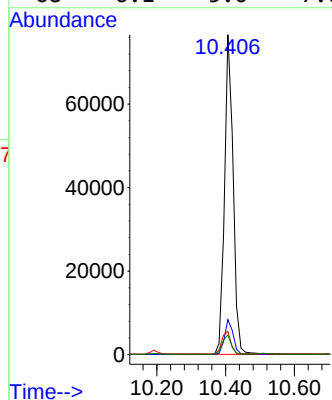
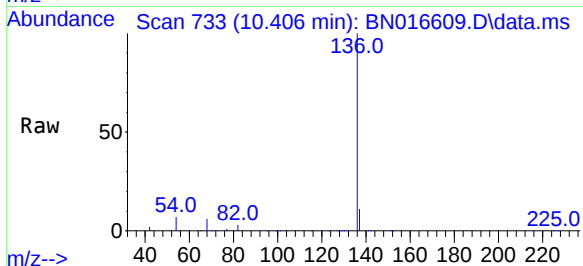




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

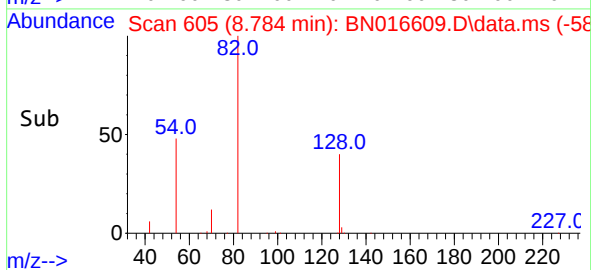
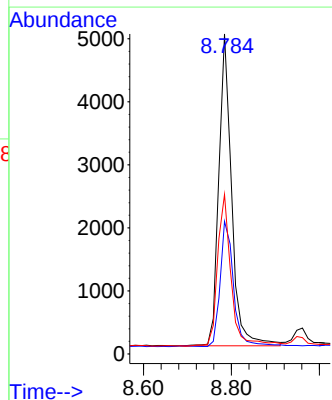
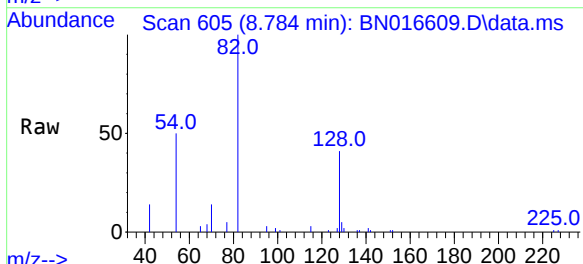
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

Tgt Ion:	136	Resp:	134109
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.9	8.9
68	6.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Tgt Ion:	82	Resp:	10028
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.6	50.4
54	49.8	37.6	56.4

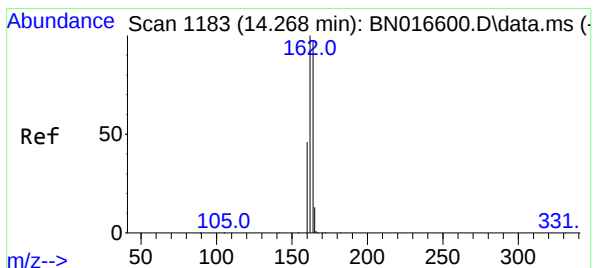
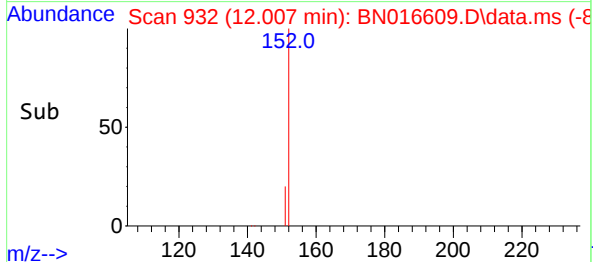
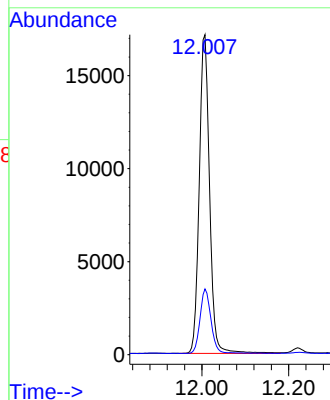
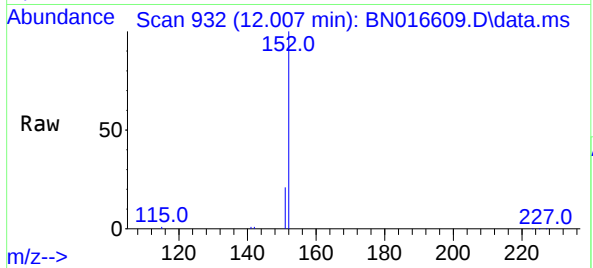




#11
2-Methylnaphthalene-d10
Concen: 0.14 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

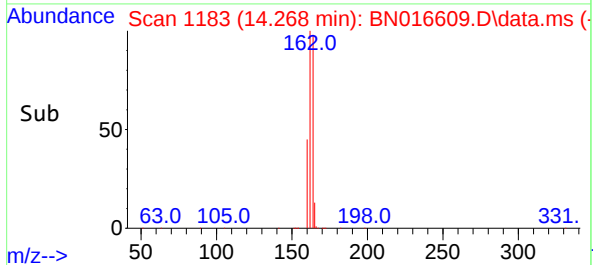
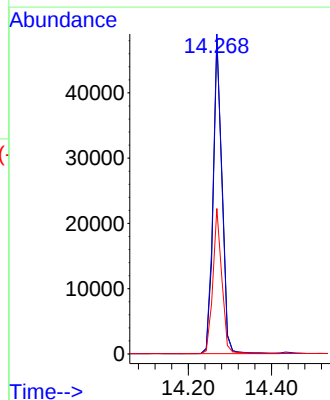
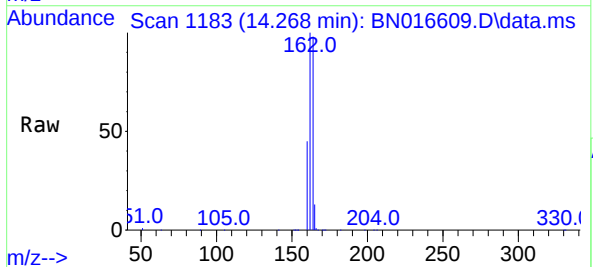
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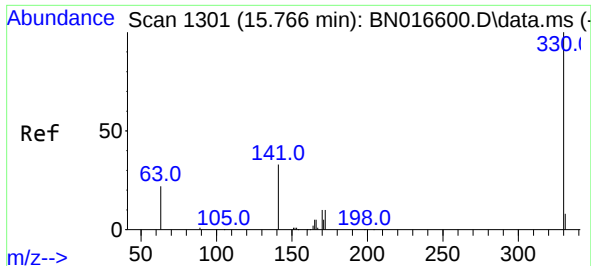
Tgt Ion:152 Resp: 28392
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Tgt Ion:164 Resp: 71292
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 46.3 37.7 56.5

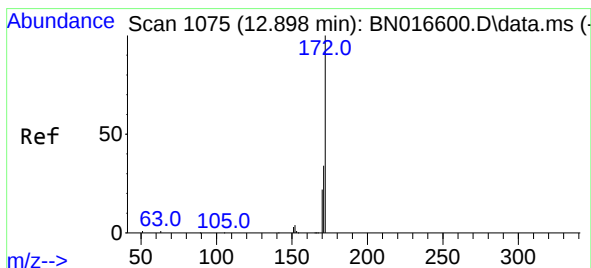
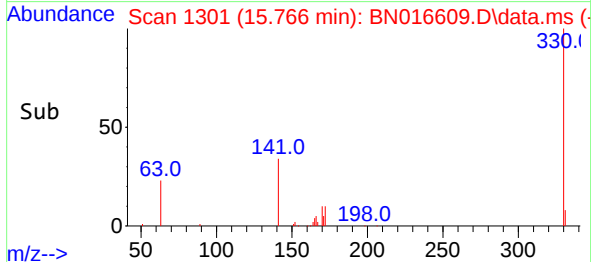
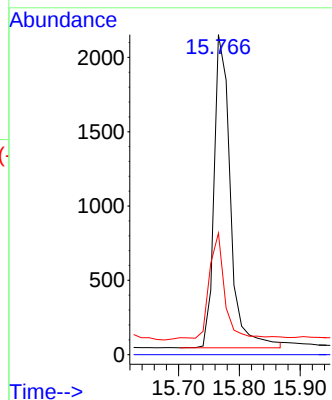
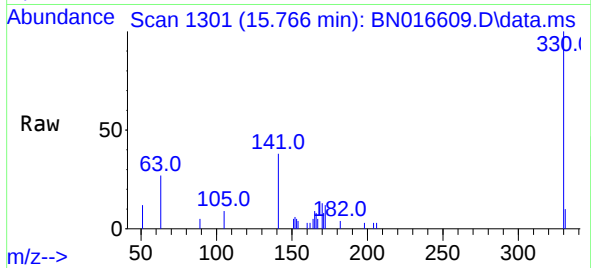




#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

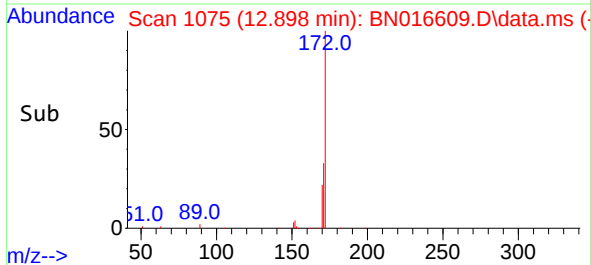
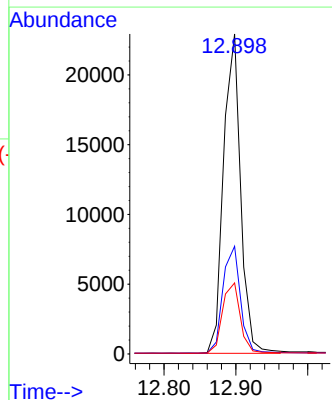
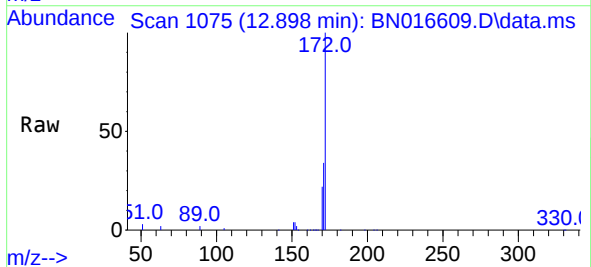
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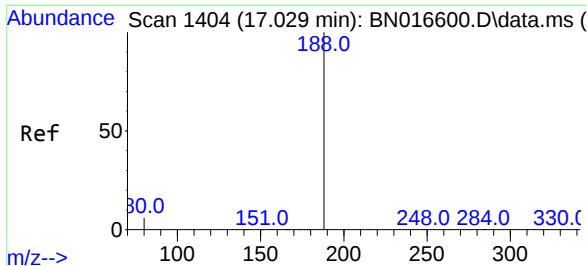
Tgt Ion:330 Resp: 3926
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.6 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.13 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Tgt Ion:172 Resp: 37796
Ion Ratio Lower Upper
172 100
171 33.6 27.0 40.4
170 22.2 17.4 26.2

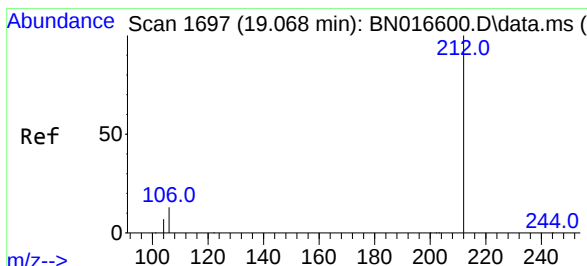
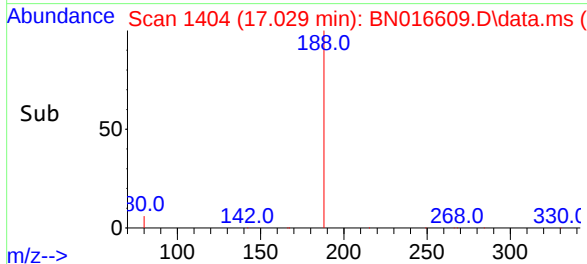
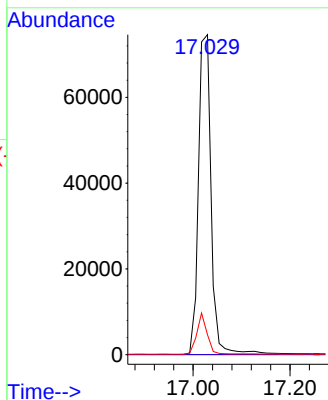
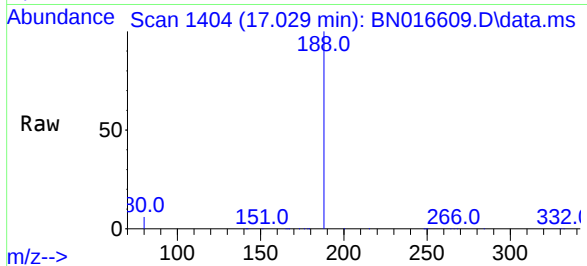




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

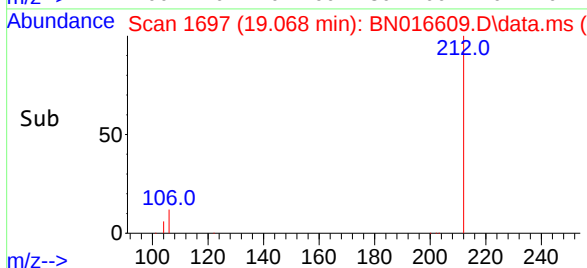
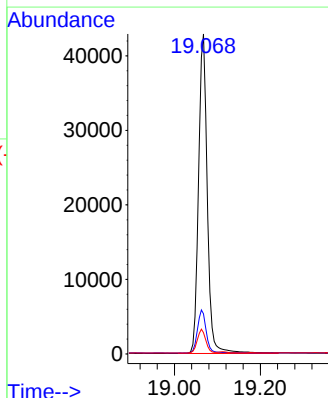
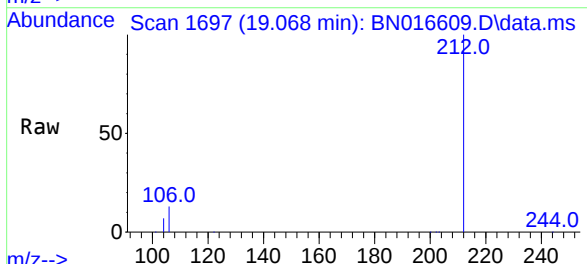
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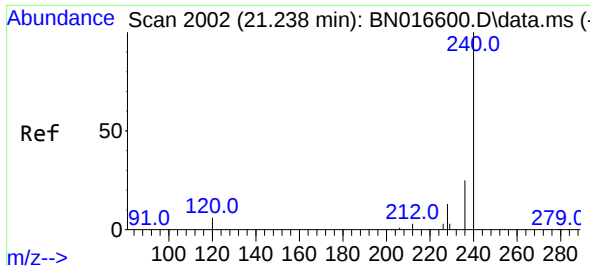
Tgt Ion:188 Resp: 135738
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.2 5.0 7.6



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Tgt Ion:212 Resp: 60567
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.1 5.9 8.9

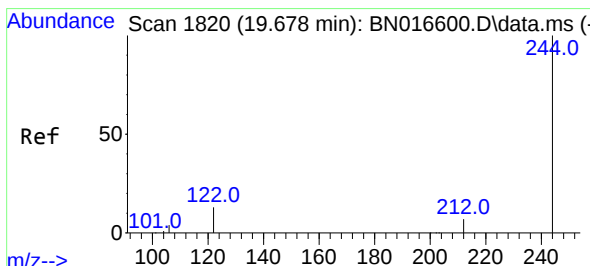
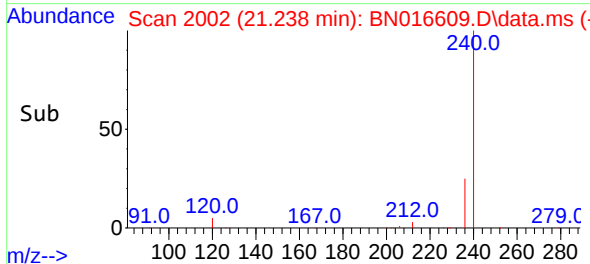
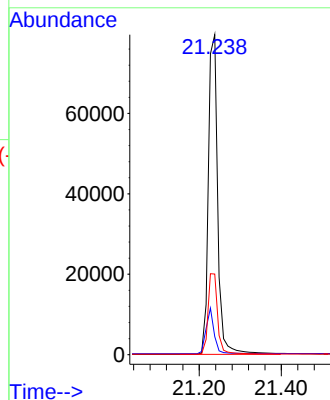
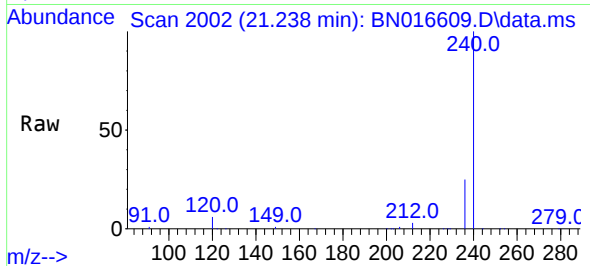




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

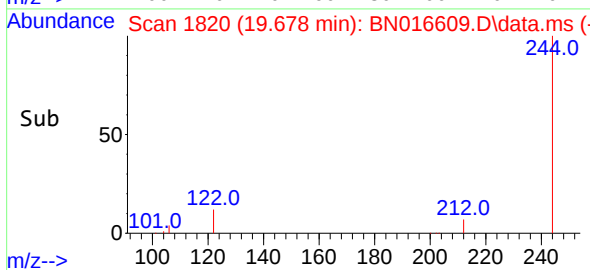
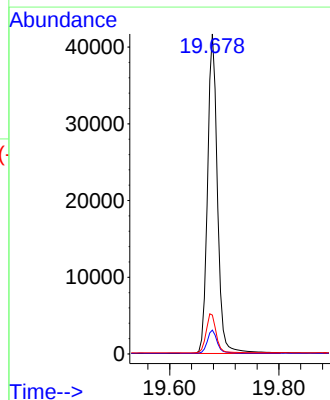
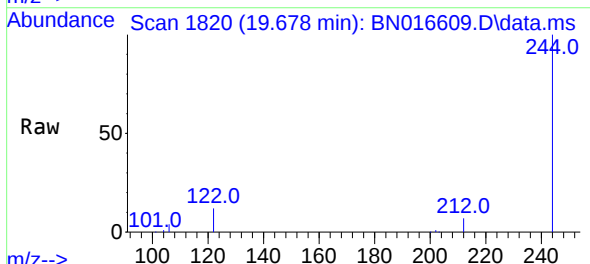
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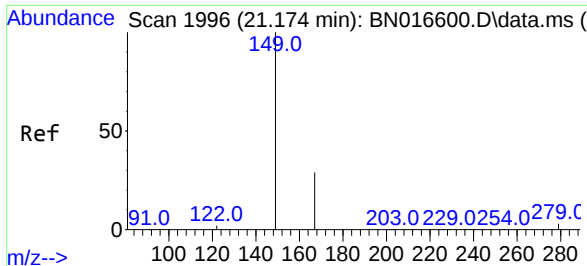
Tgt Ion:240 Resp: 126669
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.4
236 25.2 20.4 30.6



#31
Terphenyl-d14
Concen: 0.19 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Tgt Ion:244 Resp: 52906
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.2 10.1 15.1

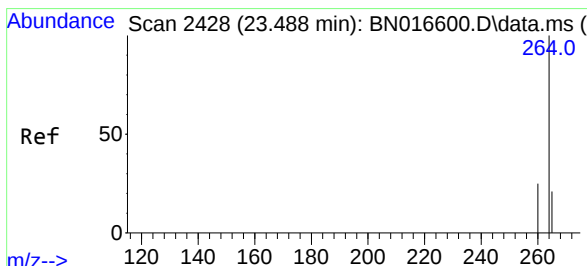
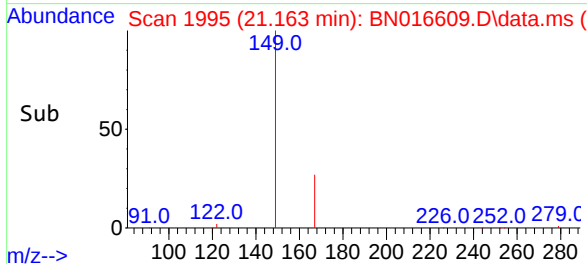
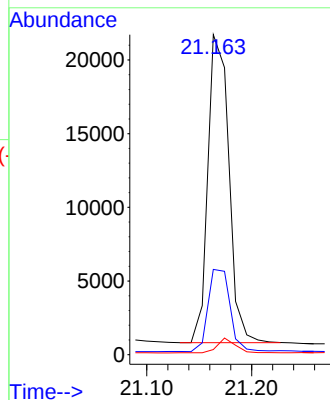
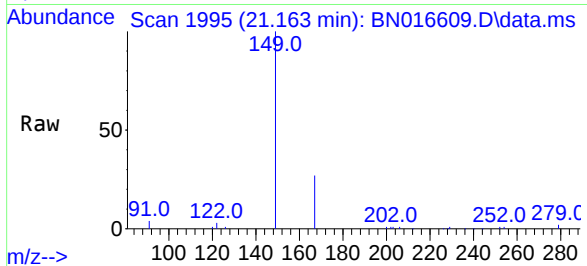




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

Tgt Ion:149 Resp: 29116
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 4.1 3.2 4.8



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

Tgt Ion:264 Resp: 128683
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 23.4 19.2 28.8

