

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016611.D
 Acq On : 30 Sep 2021 22:10
 Operator : CG/JU
 Sample : M3782-18DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20210915DL

Quant Time: Oct 01 01:37:23 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)

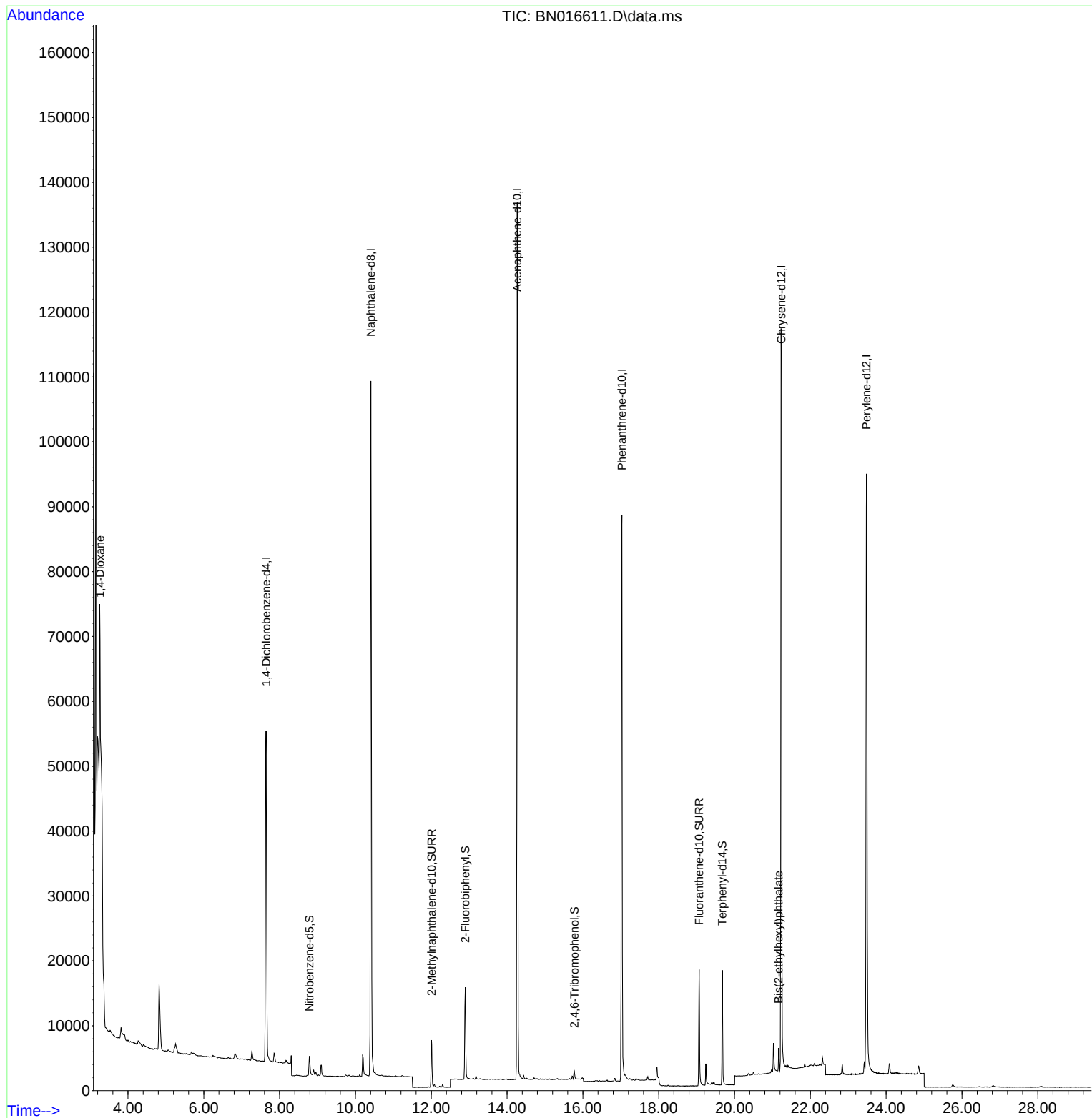
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	33221	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	147936	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	76410	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	142268	0.40	ng	0.00
29) Chrysene-d12	21.238	240	126838	0.40	ng	0.00
35) Perylene-d12	23.481	264	129791	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	1676	0.02	ng	0.00
5) Phenol-d6	6.822	99	948	0.01	ng	0.00
8) Nitrobenzene-d5	8.784	82	3289	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	10674	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	1385	0.04	ng	0.01
15) 2-Fluorobiphenyl	12.898	172	14142	0.05	ng	0.00
27) Fluoranthene-d10	19.068	212	21621	0.06	ng	0.00
31) Terphenyl-d14	19.678	244	18636	0.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.263	88	19389	1.27	ng	Qvalue # 87
34) Bis(2-ethylhexyl)phtha...	21.164	149	3339	0.02	ng	99

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

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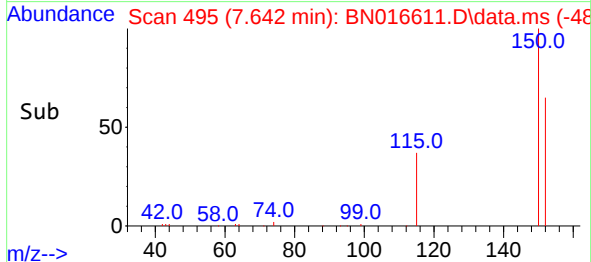
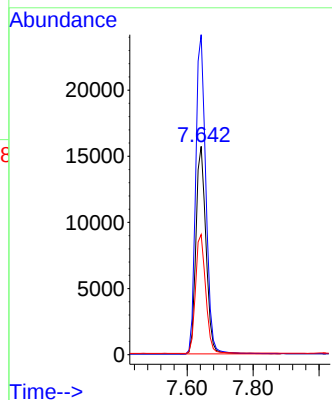
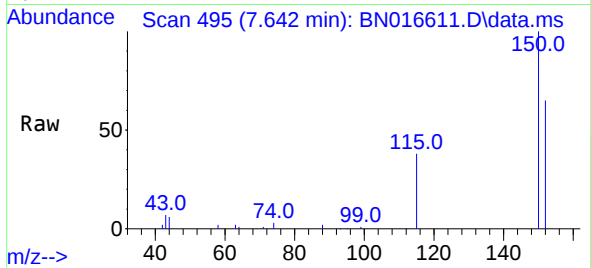




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

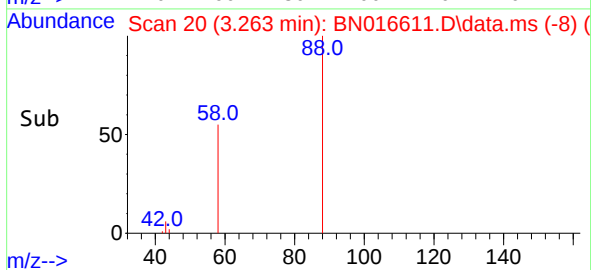
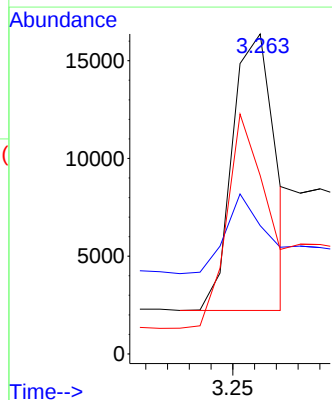
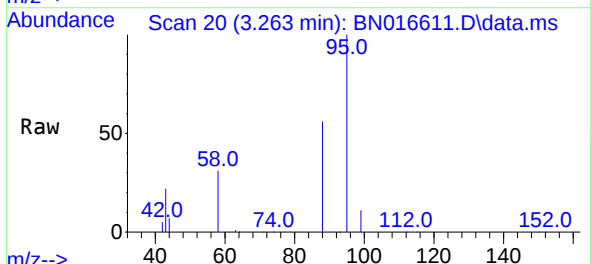
Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

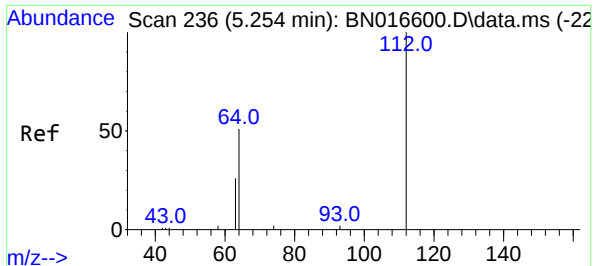
Tgt Ion:152 Resp: 33221
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 57.7 46.5 69.7



#2
1,4-Dioxane
Concen: 1.27 ng
RT: 3.263 min Scan# 20
Delta R.T. 0.009 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion: 88 Resp: 19389
Ion Ratio Lower Upper
88 100
43 26.7 37.8 56.8#
58 74.3 61.3 91.9

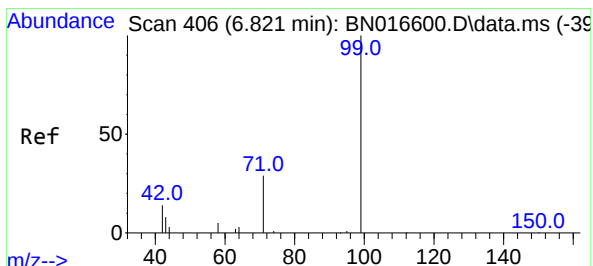
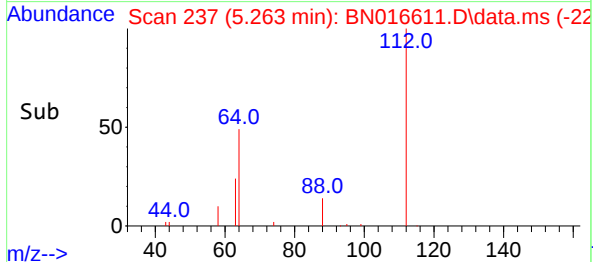
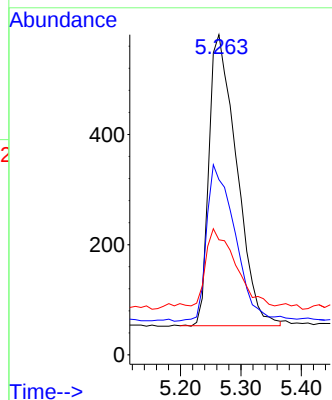
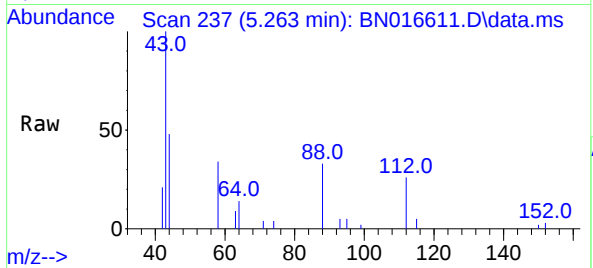




#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

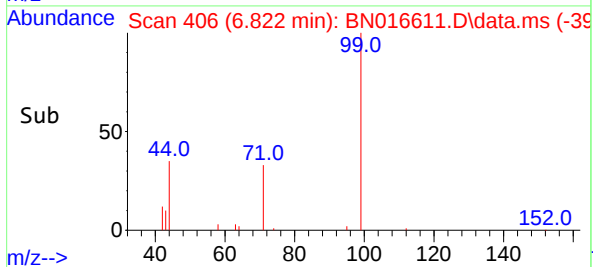
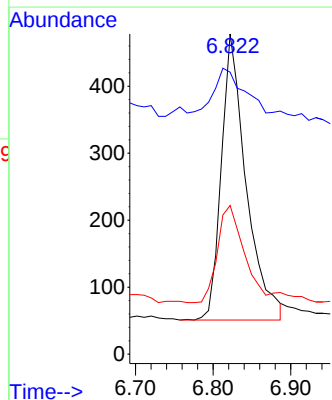
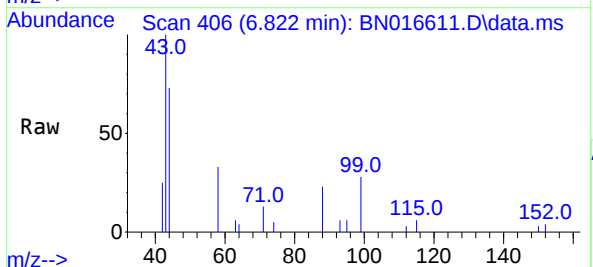
Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

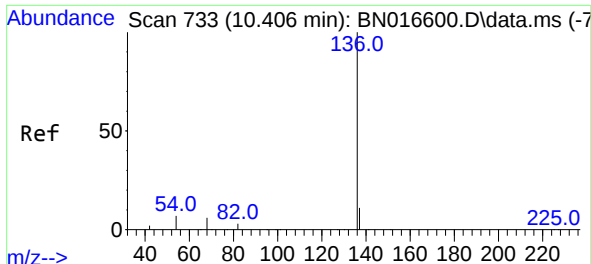
Tgt Ion:112 Resp: 1676
Ion Ratio Lower Upper
112 100
64 55.1 43.1 64.7
63 27.7 21.6 32.4



#5
Phenol-d6
Concen: 0.01 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

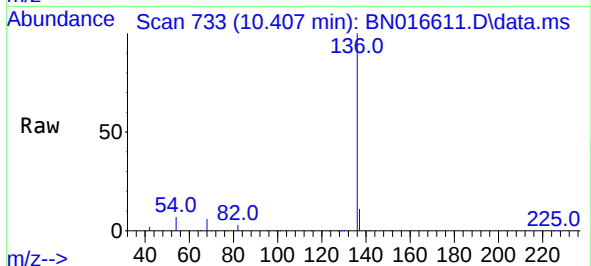
Tgt Ion: 99 Resp: 948
Ion Ratio Lower Upper
99 100
42 19.2 13.0 19.6
71 37.0 23.5 35.3#



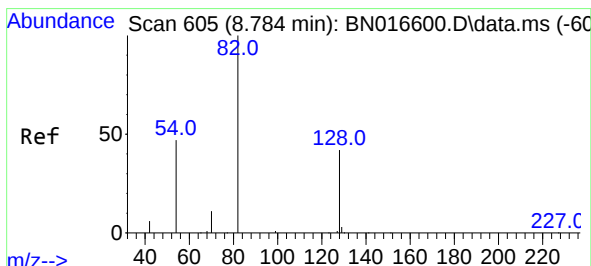
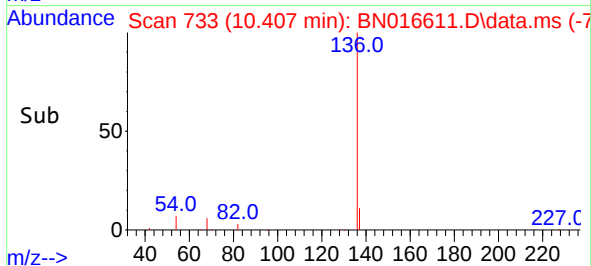
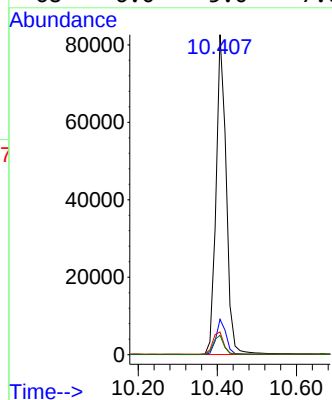


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

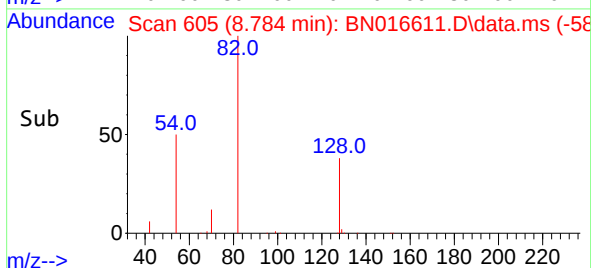
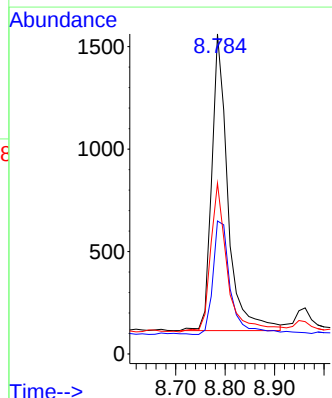
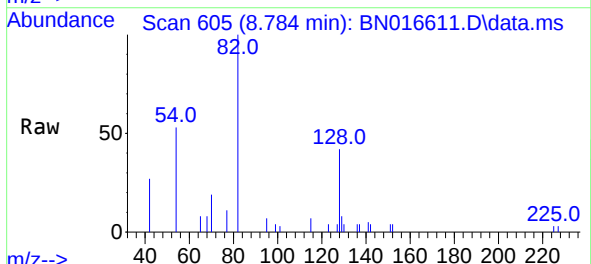


Tgt Ion:	136	Resp:	147936
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.9	8.9
68	6.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.03 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:	82	Resp:	3289
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.6	50.4
54	53.3	37.6	56.4

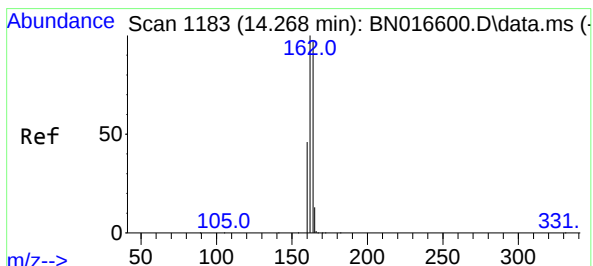
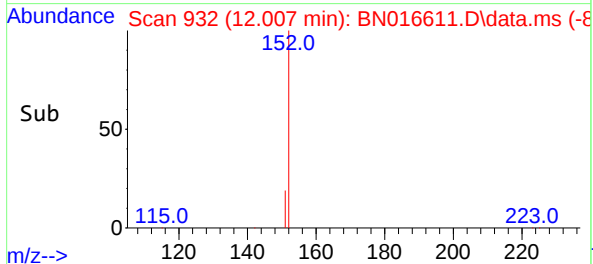
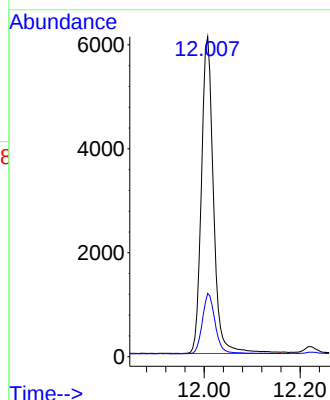
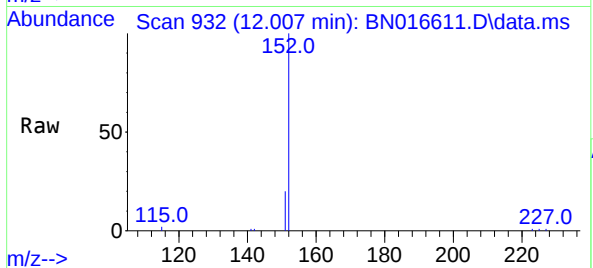




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

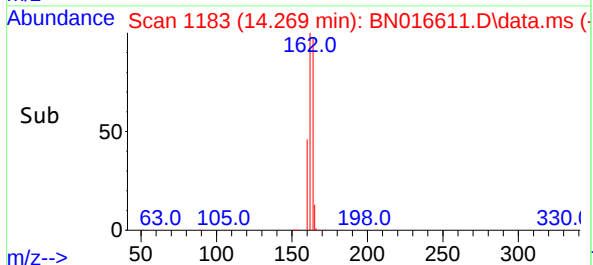
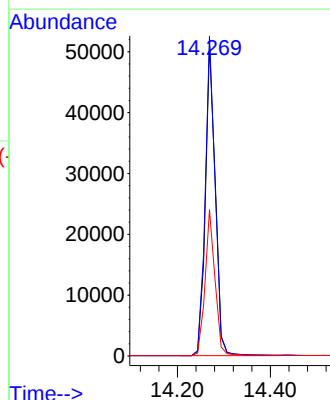
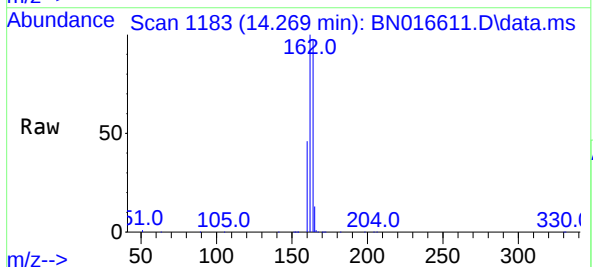
Instrument :
BNA_N
ClientSampleId :
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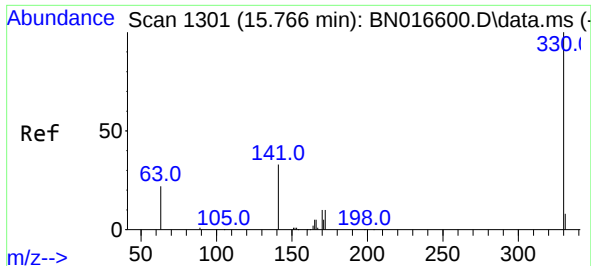
Tgt Ion:152 Resp: 10674
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:164 Resp: 76410
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 47.0 37.7 56.5

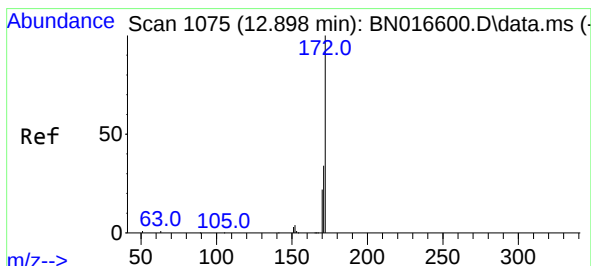
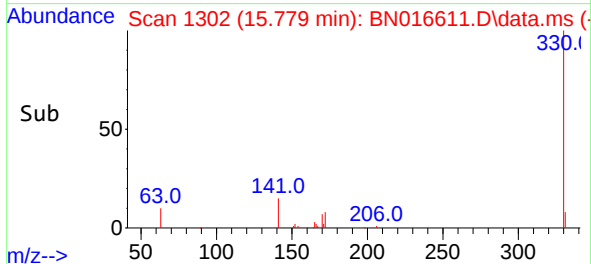
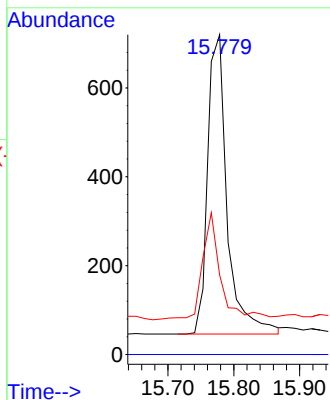
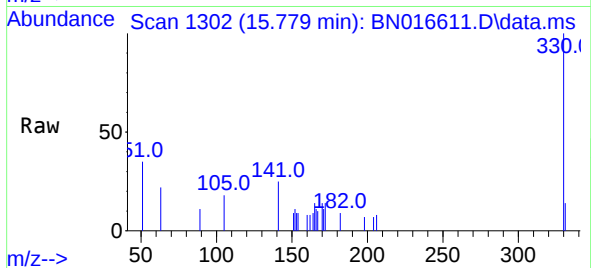




#14
2,4,6-Tribromophenol
Concen: 0.04 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.013 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

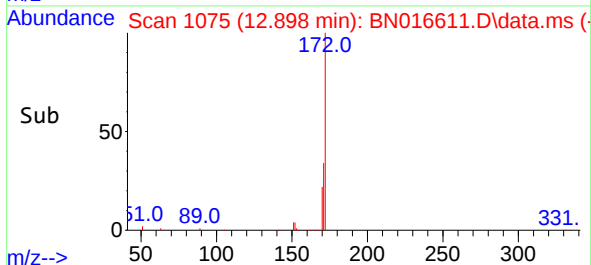
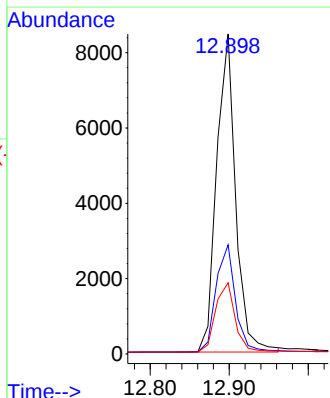
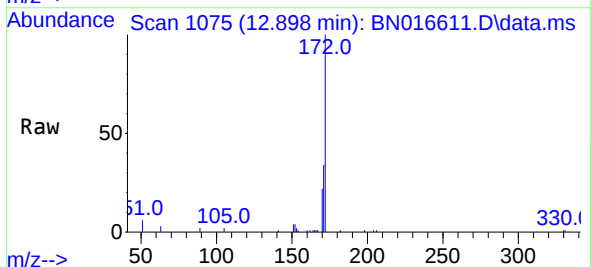
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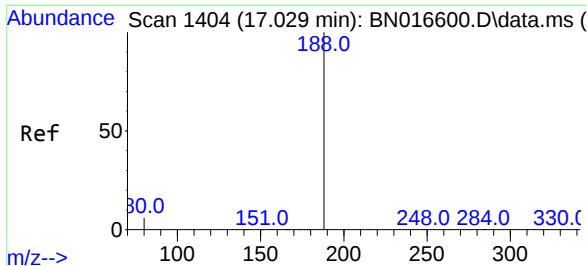
Tgt Ion:330 Resp: 1385
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.1 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.05 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:172 Resp: 14142
Ion Ratio Lower Upper
172 100
171 34.1 27.0 40.4
170 22.3 17.4 26.2

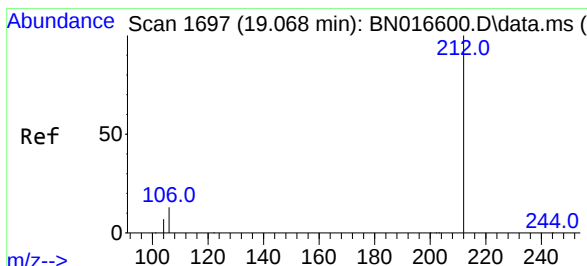
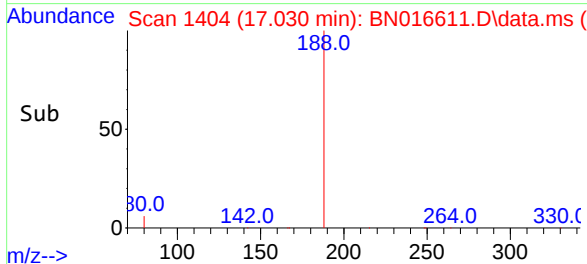
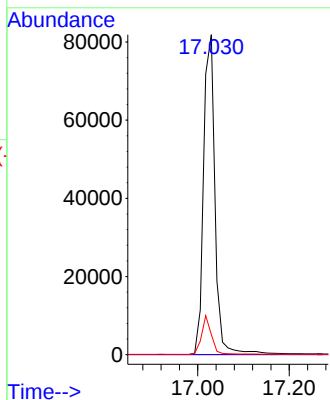
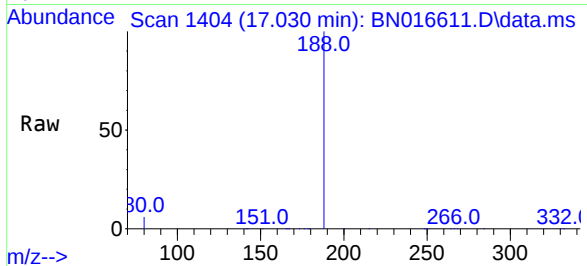




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

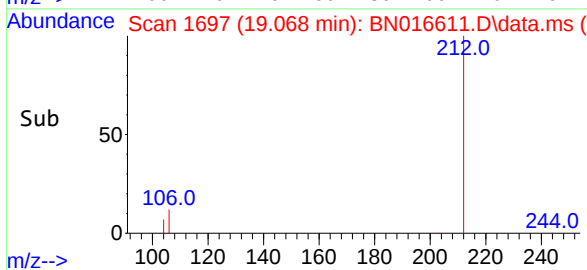
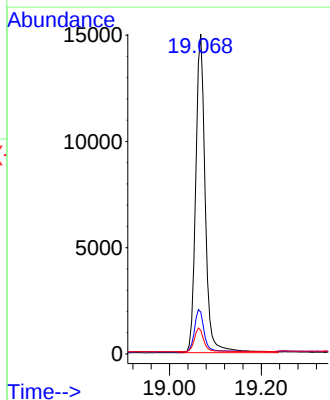
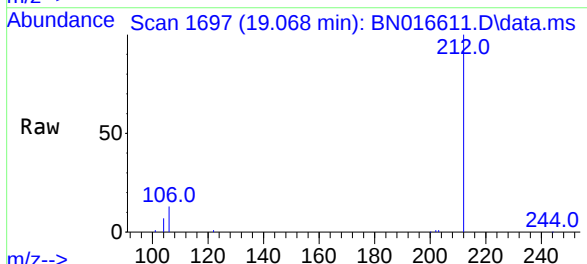
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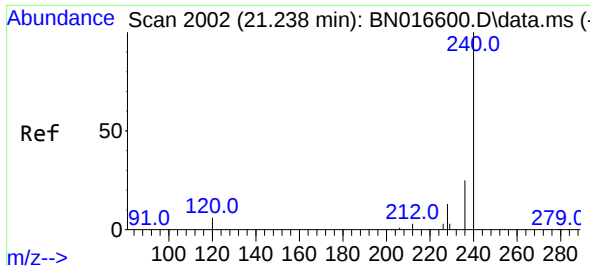
Tgt Ion:188 Resp: 142268
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 5.0 7.6



#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:212 Resp: 21621
Ion Ratio Lower Upper
212 100
106 13.7 10.6 16.0
104 7.3 5.9 8.9

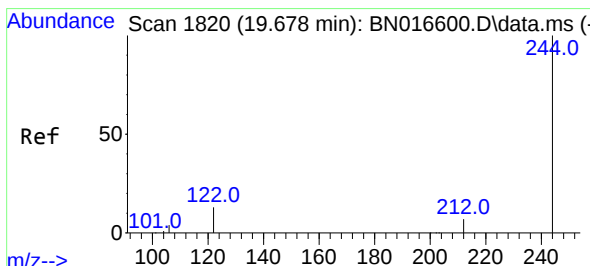
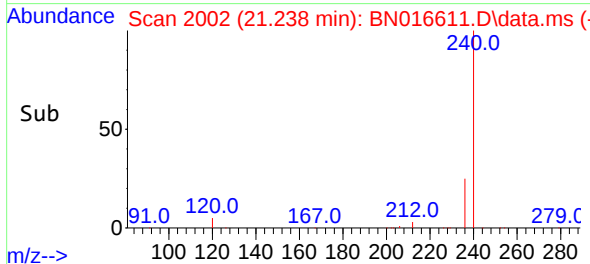
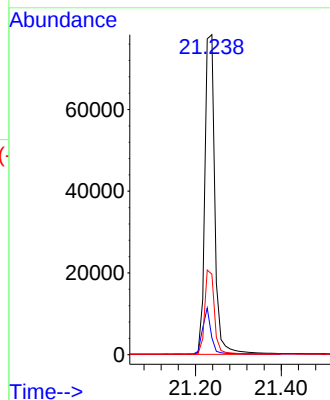
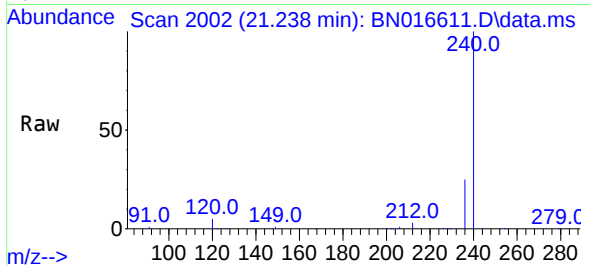




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

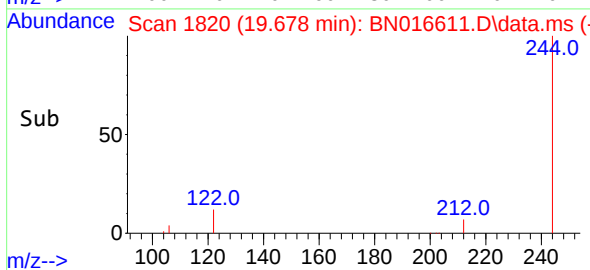
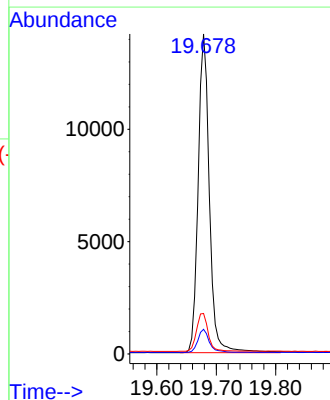
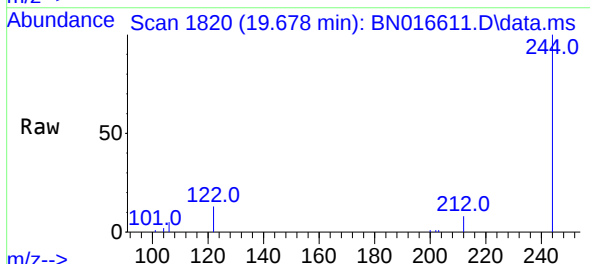
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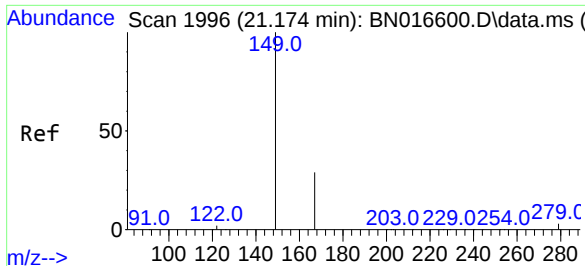
Tgt Ion:240 Resp: 126838
Ion Ratio Lower Upper
240 100
120 5.2 5.0 7.4
236 25.2 20.4 30.6



#31
Terphenyl-d14
Concen: 0.07 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:244 Resp: 18636
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 12.7 10.1 15.1



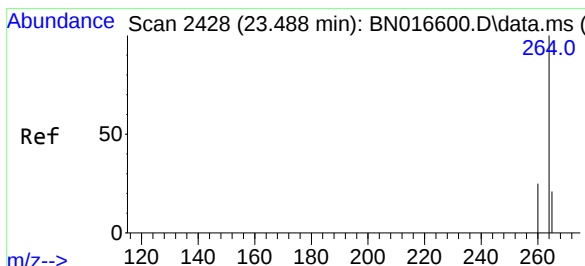
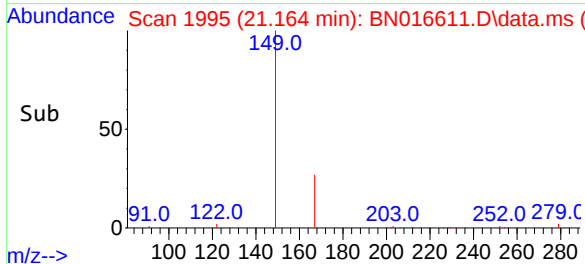
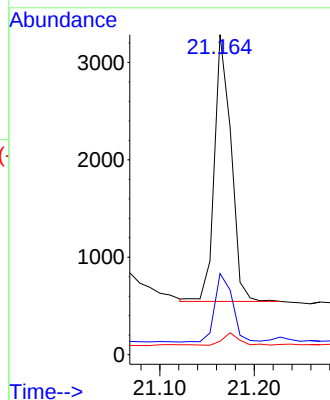
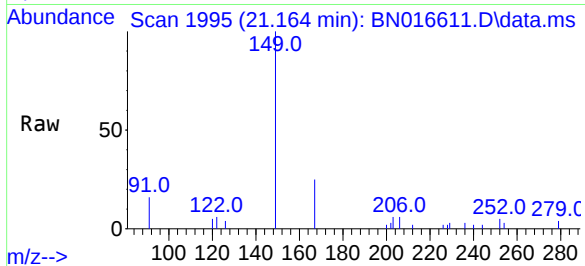


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016611.D
Acq: 30 Sep 2021 22:10

Instrument :
BNA_N
ClientSampleId :
RE131D1-20210915DL

Tgt Ion:149 Resp: 3339

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	4.3	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: BN016611.D
Acq: 30 Sep 2021 22:10

Tgt Ion:264 Resp: 129791

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.3	19.2	28.8

