

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)

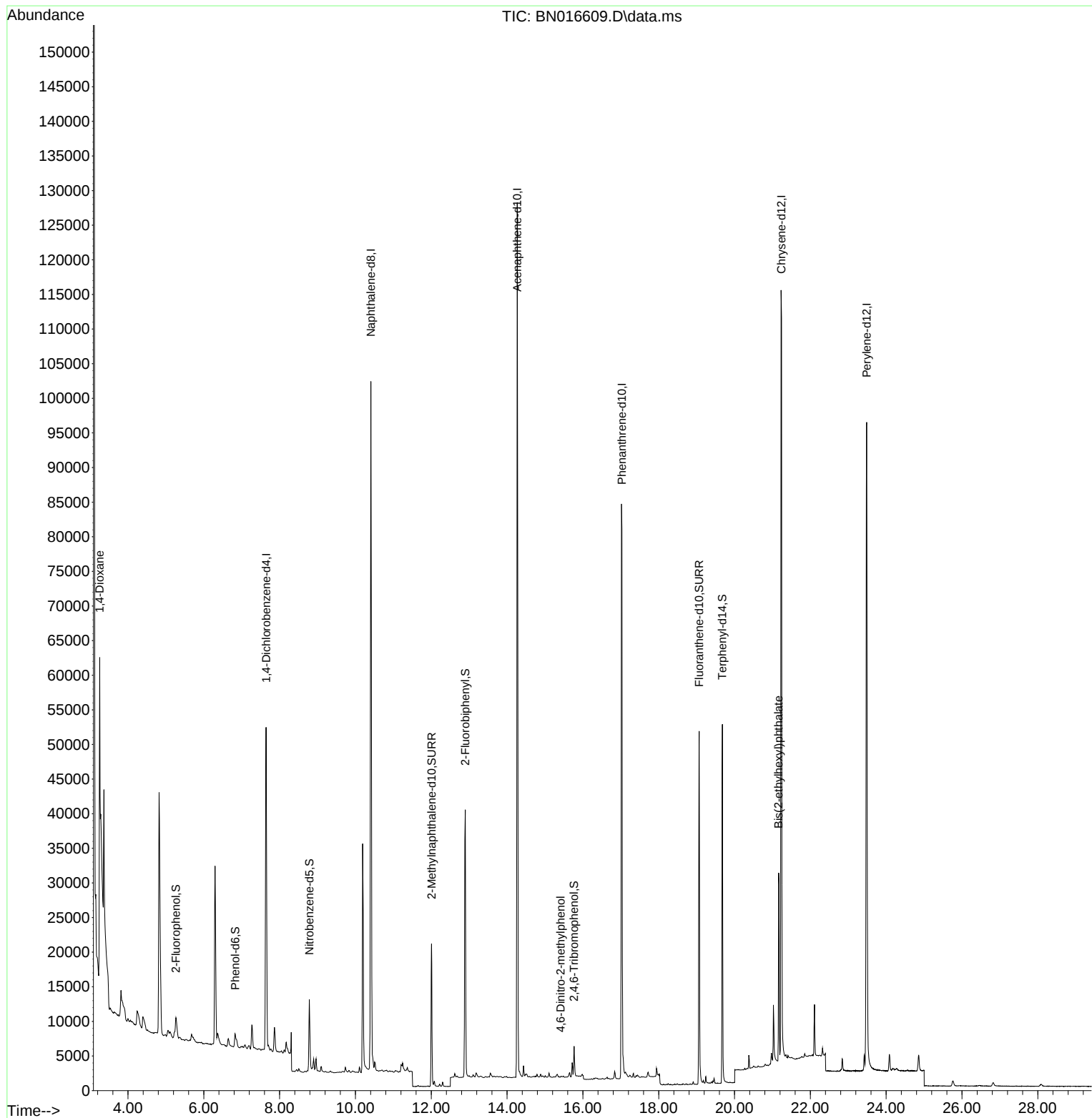
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29298	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	134109	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	71292	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	135738	0.400	ng	0.00
29) Chrysene-d12	21.238	240	126669	0.400	ng	0.00
35) Perylene-d12	23.484	264	128683	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	4399	0.059	ng	0.00
5) Phenol-d6	6.831	99	2517	0.031	ng	0.00
8) Nitrobenzene-d5	8.784	82	10028	0.115	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	28392	0.143	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	3926	0.121	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	37796	0.131	ng	0.00
27) Fluoranthene-d10	19.068	212	60567	0.168	ng	0.00
31) Terphenyl-d14	19.678	244	52906	0.192	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	32654	2.422	ng	Qvalue # 89
20) 4,6-Dinitro-2-methylph...	15.410	198	5	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.163	149	29116	0.188	ng	99

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

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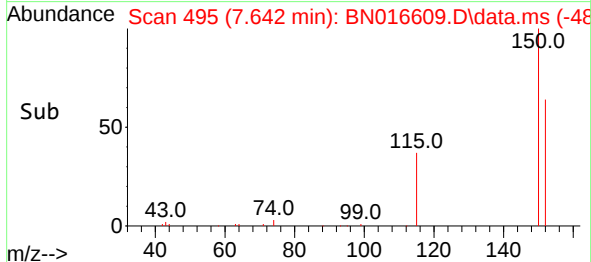
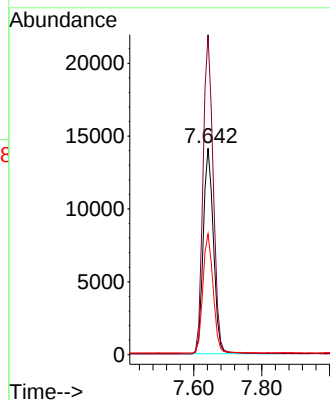
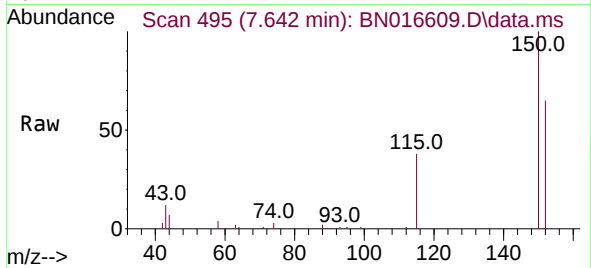




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

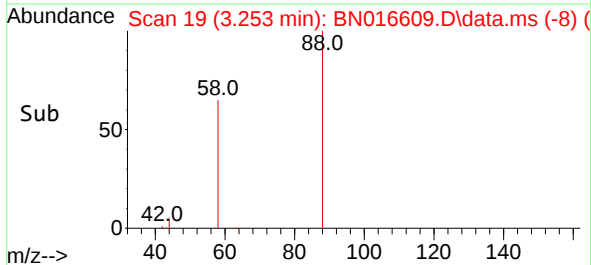
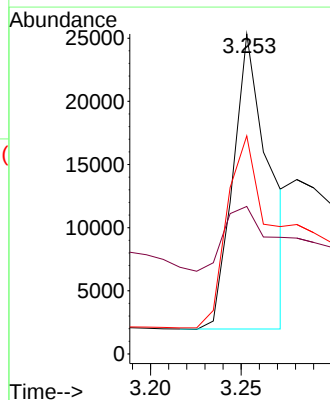
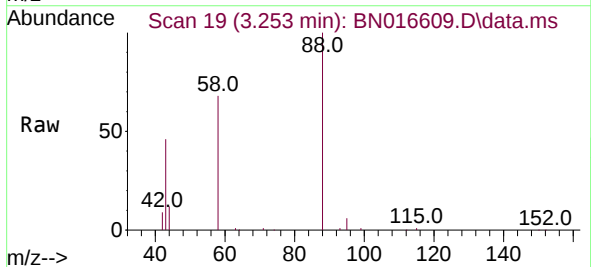
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

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: 2.422 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

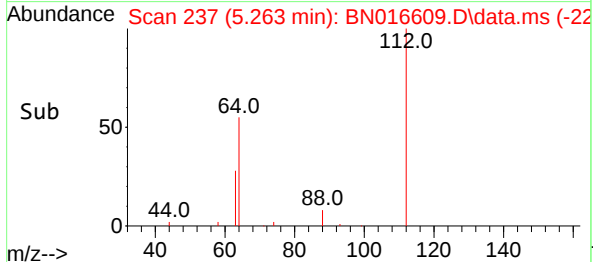
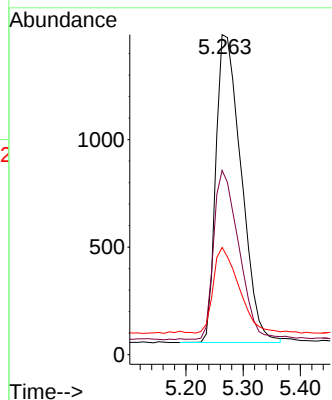
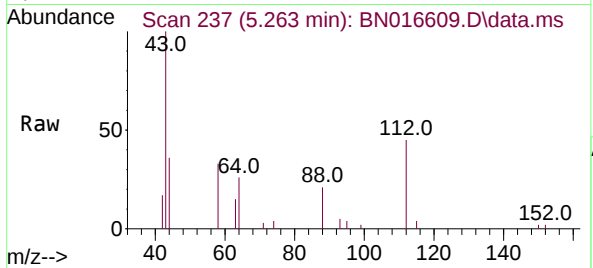




#4
2-Fluorophenol
Concen: 0.059 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

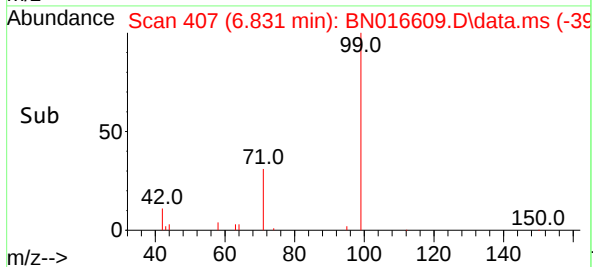
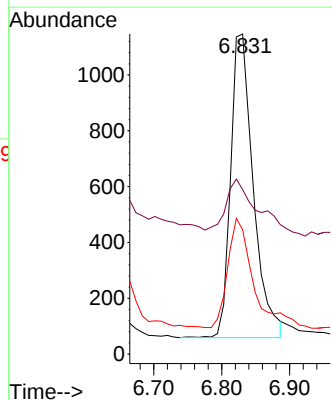
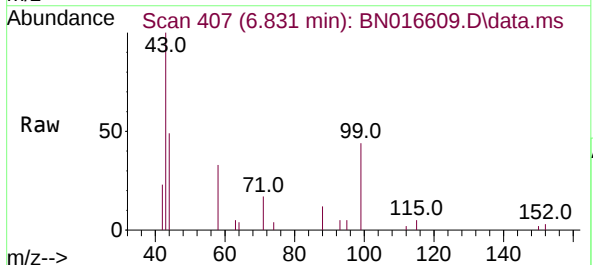
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

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: 0.031 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#

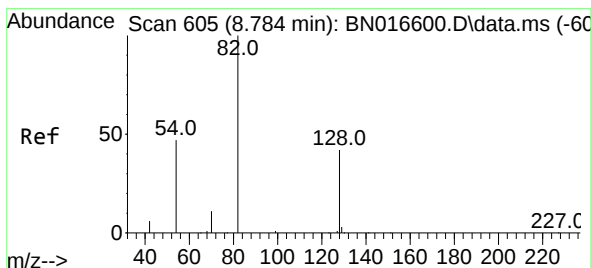
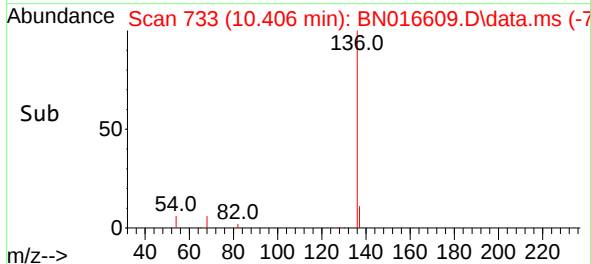
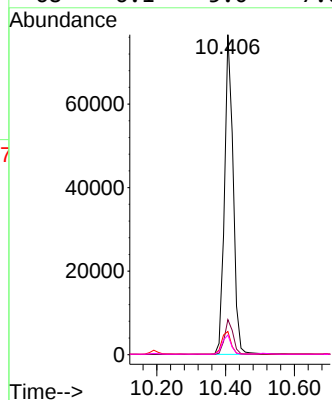
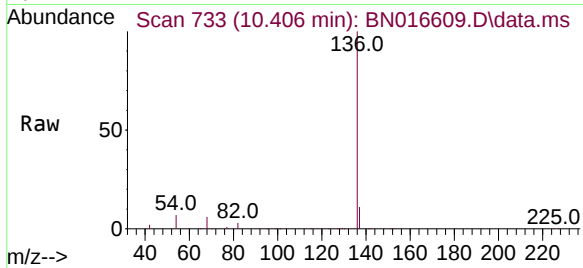




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

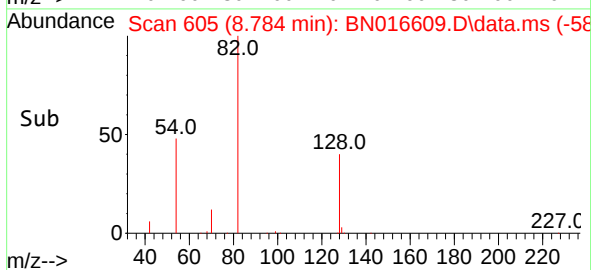
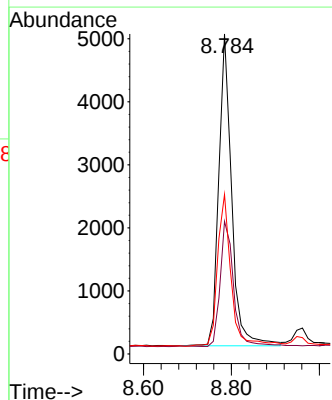
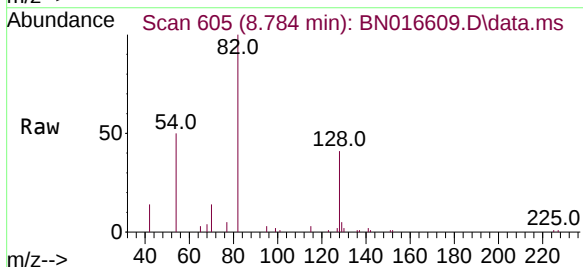
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

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: 0.115 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

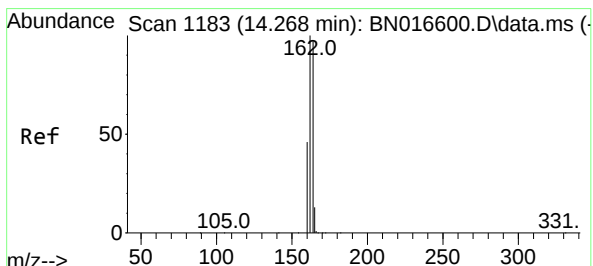
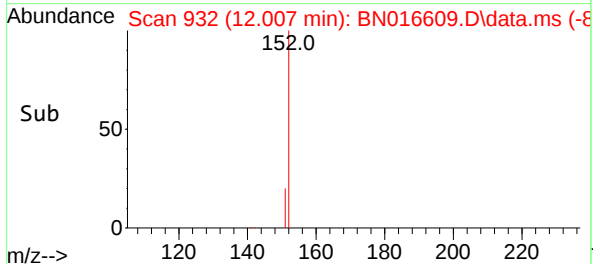
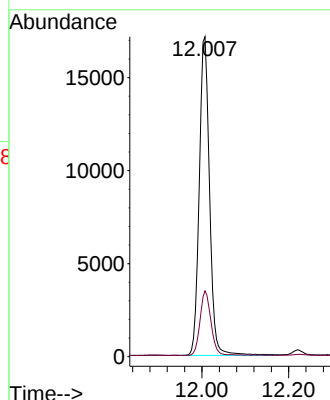
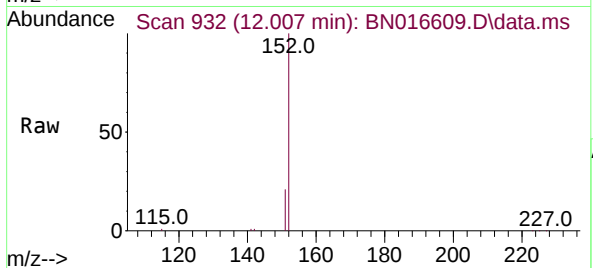




#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

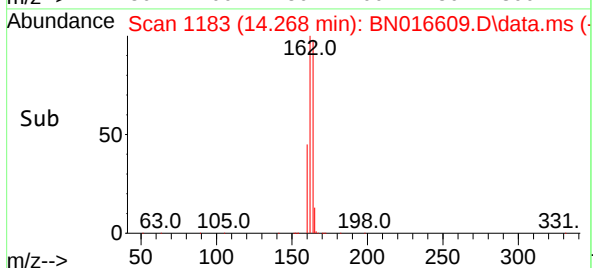
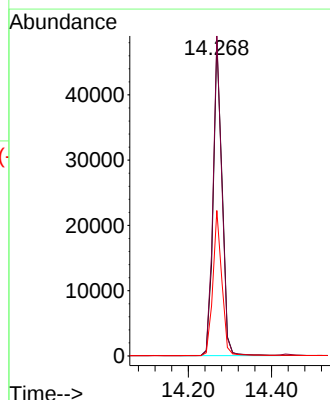
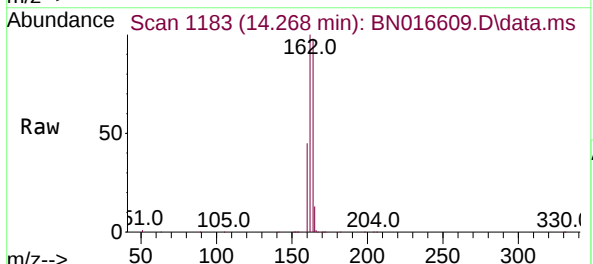
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

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



#13
Acenaphthene-d10
Concen: 0.400 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

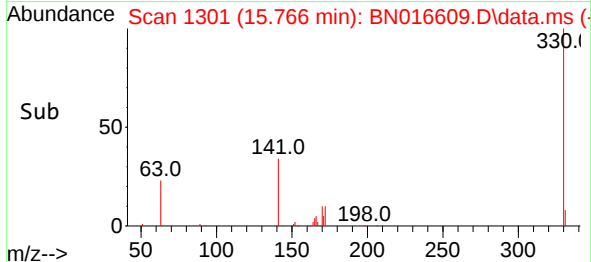
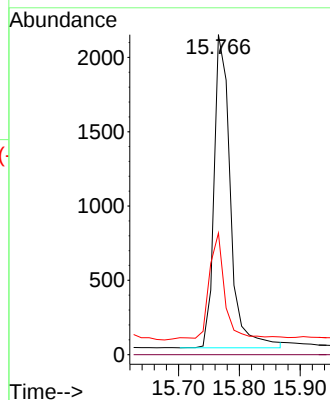
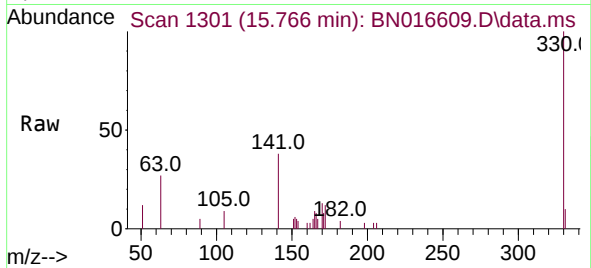




#14
2,4,6-Tribromophenol
Concen: 0.121 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

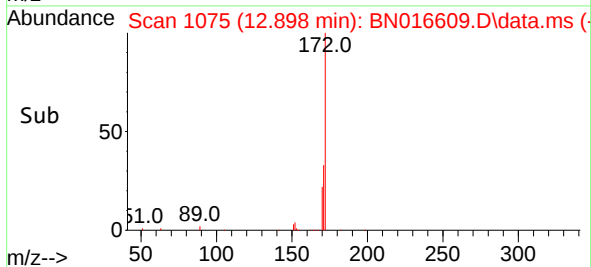
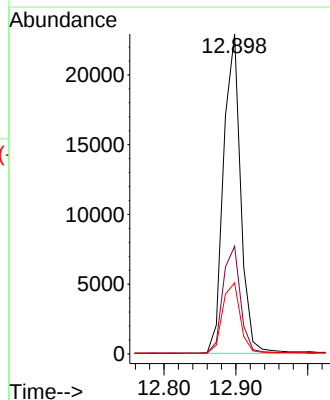
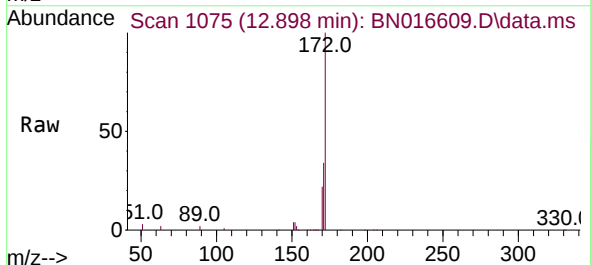
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

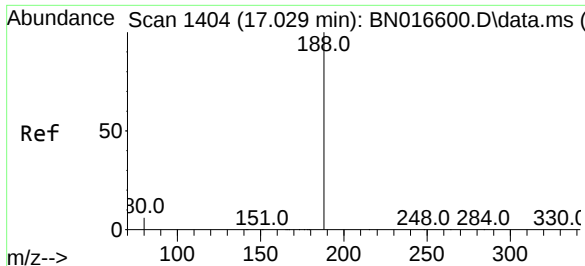
Tgt Ion:330 Resp: 3926
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.6 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.131 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

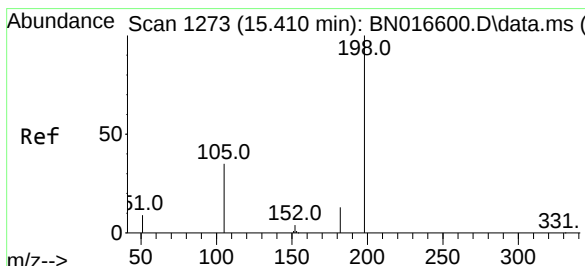
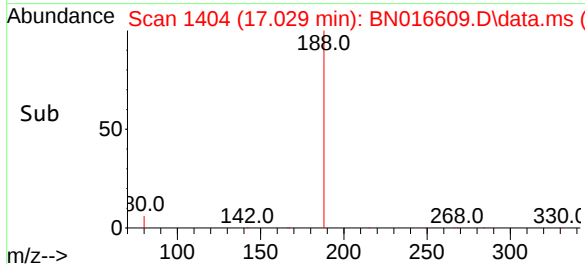
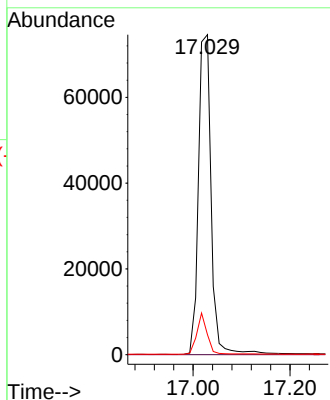
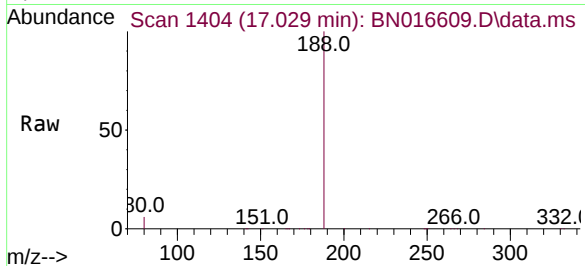




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

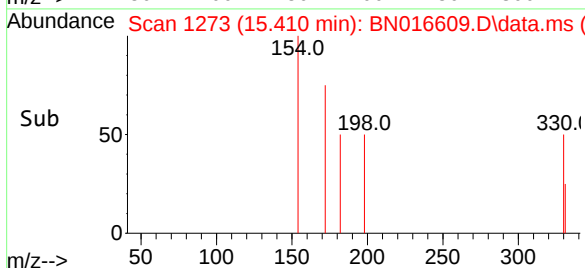
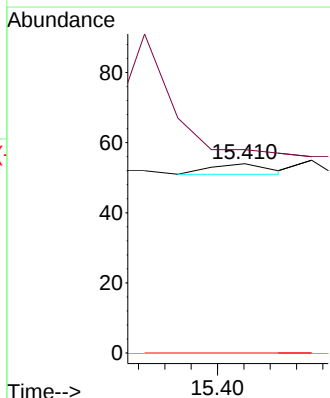
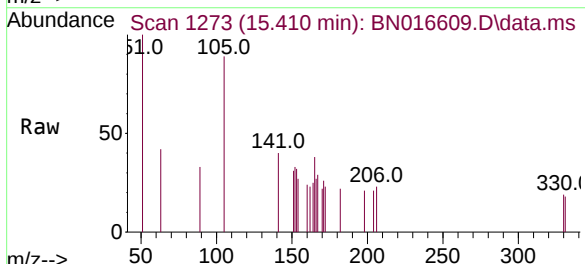
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210914DL

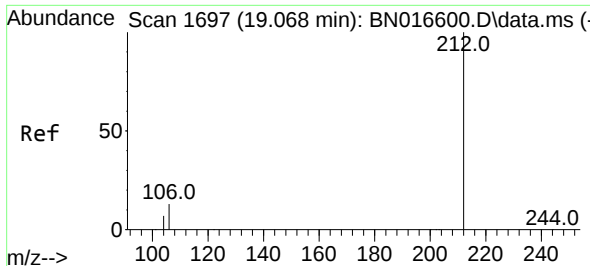
Tgt Ion:188	Resp:	135738
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	6.2	5.0
		7.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.410 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

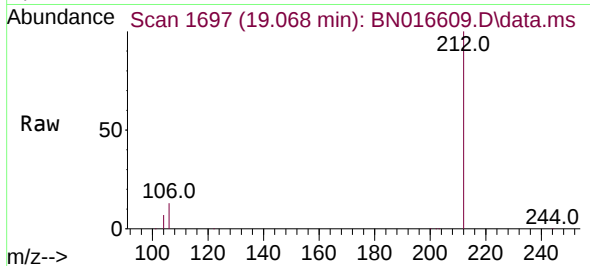
Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
182	107.4	11.8
77	0.0	0.0
		17.8#



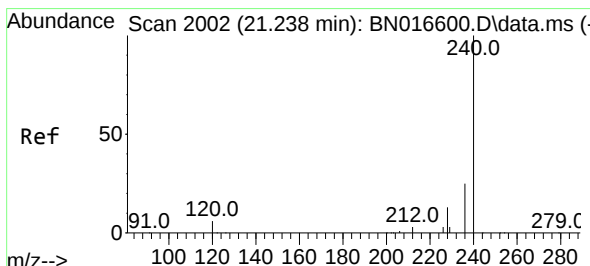
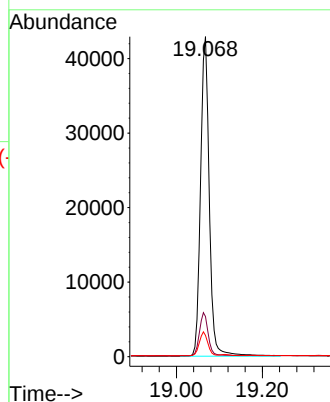
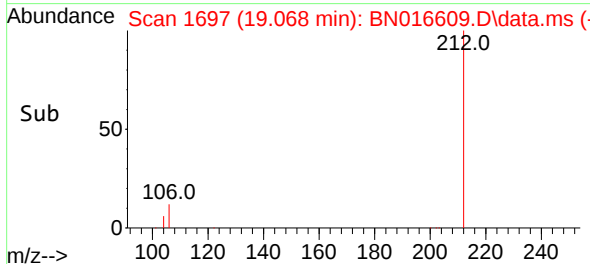


#27
Fluoranthene-d10
Concen: 0.168 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58

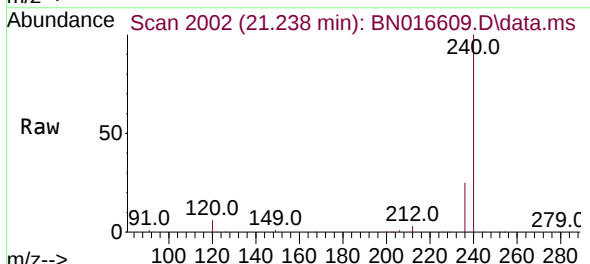
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BNA_N
ClientSampleId :
RE132D2-20210914DL



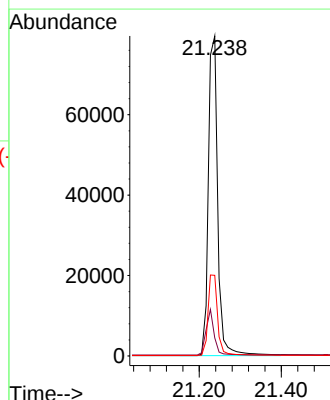
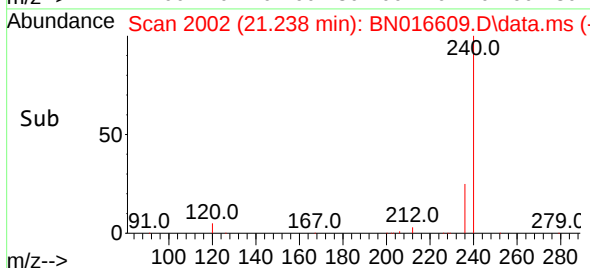
Tgt Ion:212 Resp: 60567
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.1 5.9 8.9

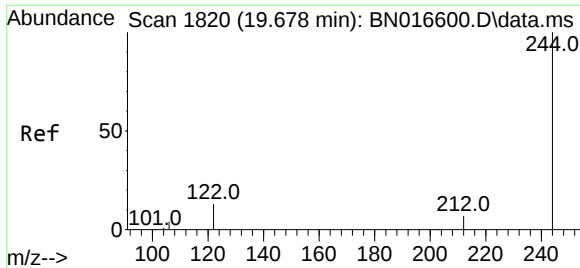


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016609.D
Acq: 30 Sep 2021 20:58



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

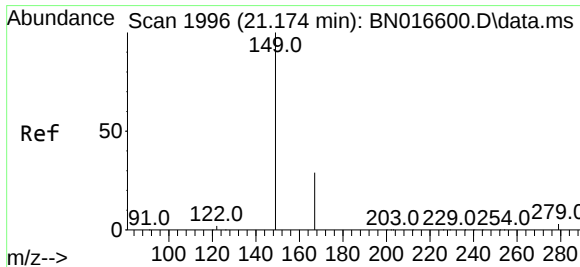
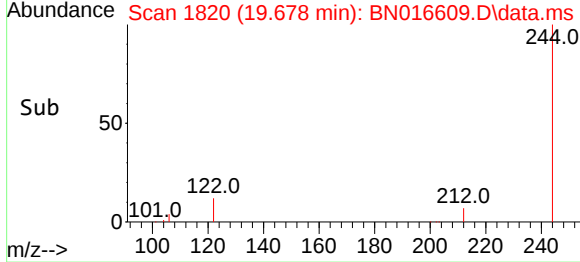
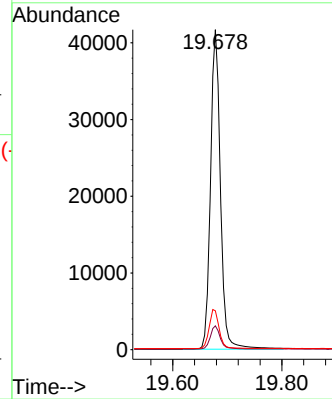
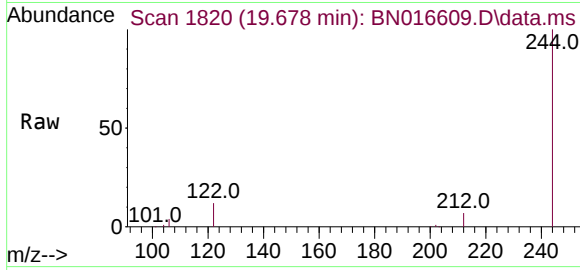




#31
 Terphenyl-d14
 Concen: 0.192 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016609.D
 Acq: 30 Sep 2021 20:58

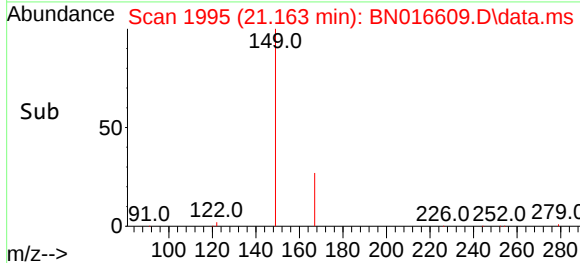
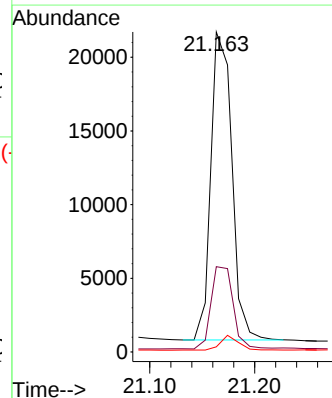
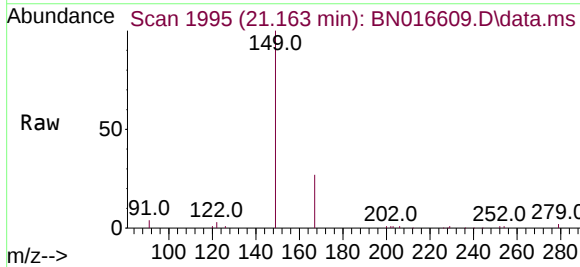
Instrument :
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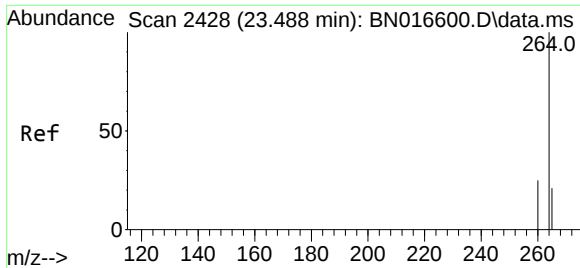
Tgt Ion:244	Resp:	52906
Ion Ratio	Lower	Upper
244	100	
212	7.5	6.0 9.0
122	12.2	10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.188 ng
 RT: 21.163 min Scan# 1995
 Delta R.T. -0.011 min
 Lab File: BN016609.D
 Acq: 30 Sep 2021 20:58

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

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210914DL

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

