

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016612.D
 Acq On : 30 Sep 2021 22:46
 Operator : CG/JU
 Sample : M3782-14DL 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20210915DL

Quant Time: Oct 01 07:11:47 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)

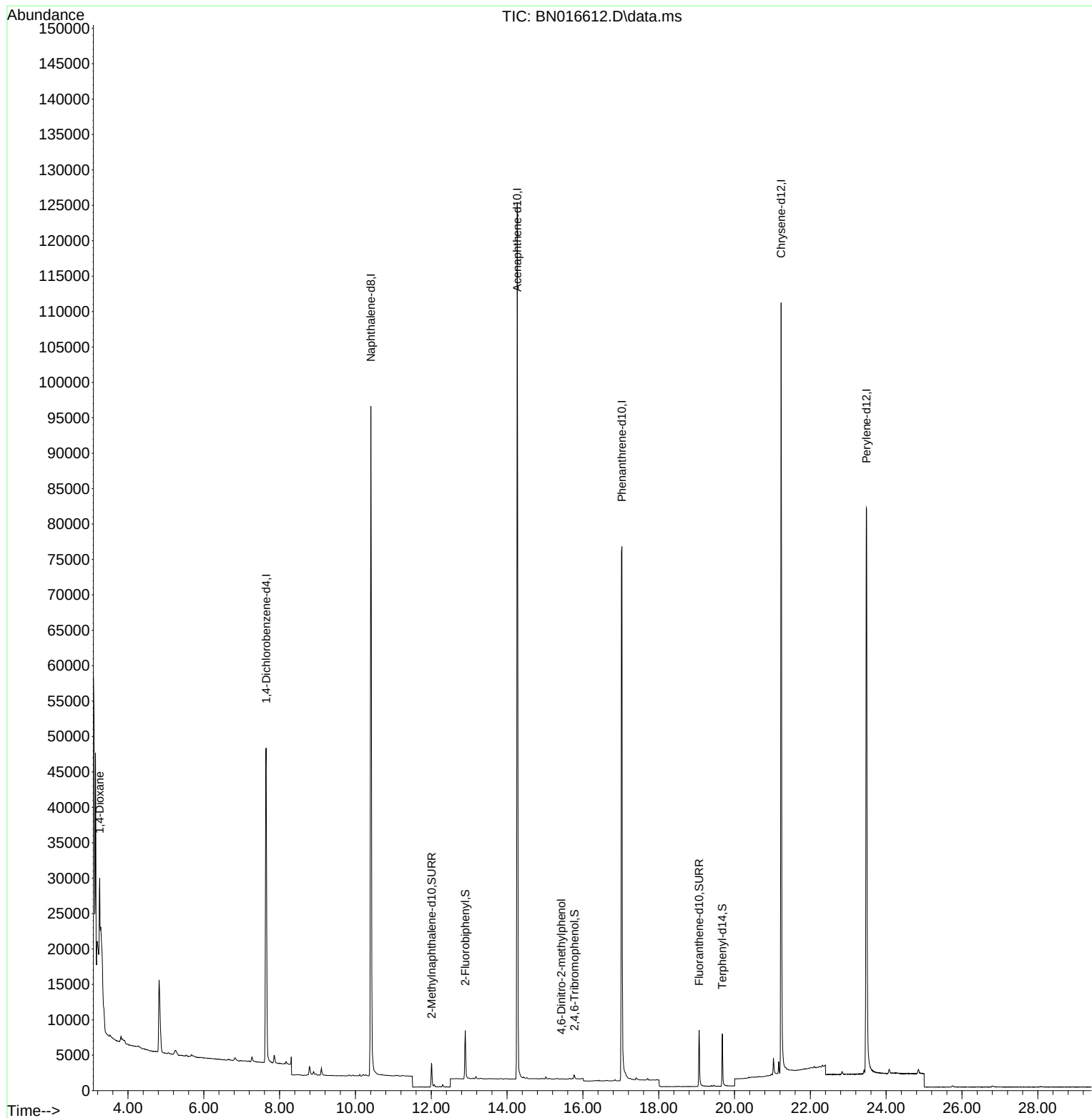
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	30378	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	134196	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	70174	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	129609	0.400	ng	0.00
29) Chrysene-d12	21.227	240	110871	0.400	ng	#-0.01
35) Perylene-d12	23.478	264	113079	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	868	0.011	ng	0.00
5) Phenol-d6	6.822	99	490	0.006	ng	0.00
8) Nitrobenzene-d5	8.784	82	1588	0.018	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	5181	0.026	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	654	0.020	ng	0.01
15) 2-Fluorobiphenyl	12.899	172	6866	0.024	ng	0.00
27) Fluoranthene-d10	19.068	212	10562	0.031	ng	0.00
31) Terphenyl-d14	19.679	244	8452	0.035	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	9036	0.646	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.436	198	9	0.137	ng	# 1

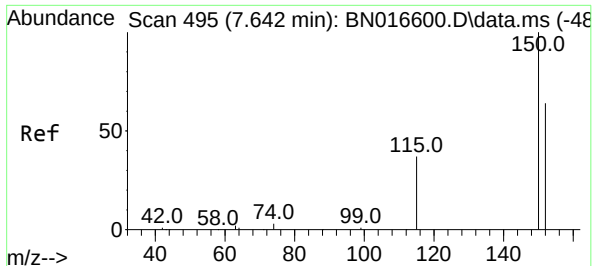
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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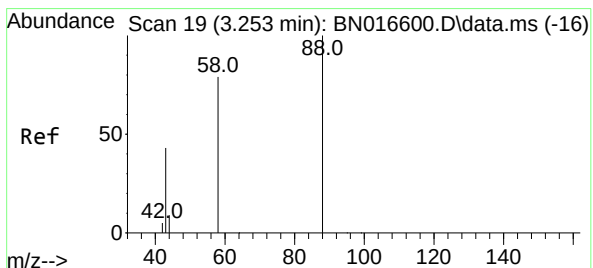
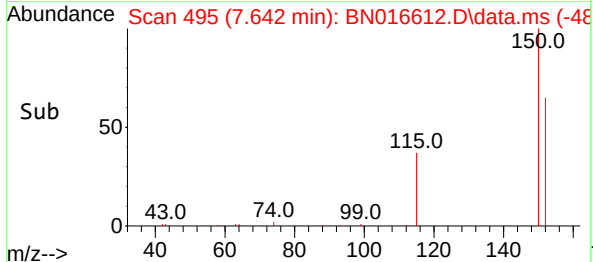
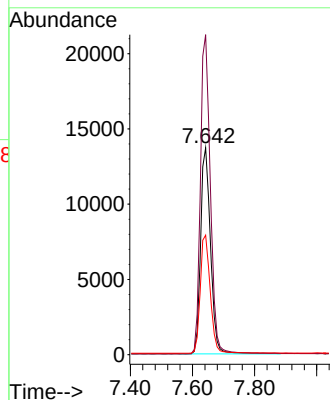
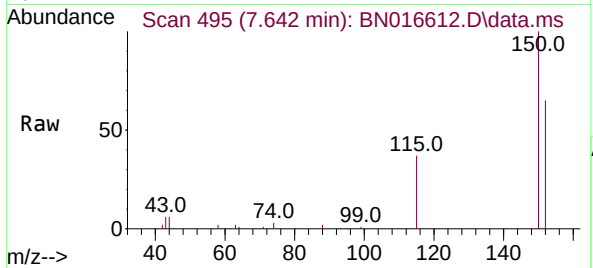




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016612.D
 Acq: 30 Sep 2021 22:46

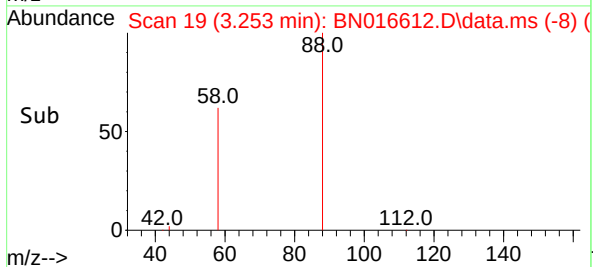
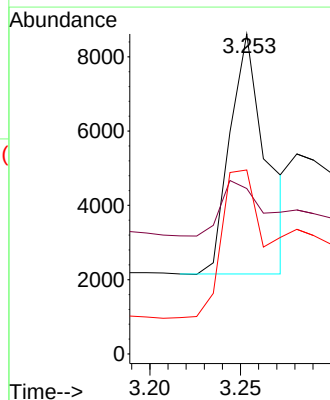
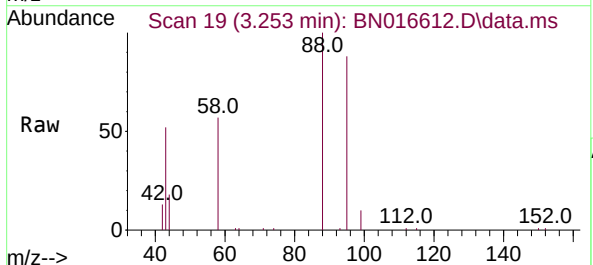
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20210915DL

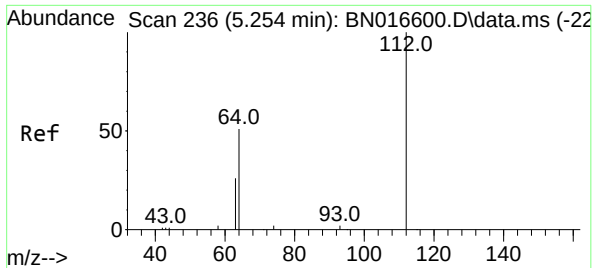
Tgt Ion:152 Resp: 30378
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 57.8 46.5 69.7



#2
 1,4-Dioxane
 Concen: 0.646 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016612.D
 Acq: 30 Sep 2021 22:46

Tgt Ion: 88 Resp: 9036
 Ion Ratio Lower Upper
 88 100
 43 22.3 37.8 56.8#
 58 64.6 61.3 91.9

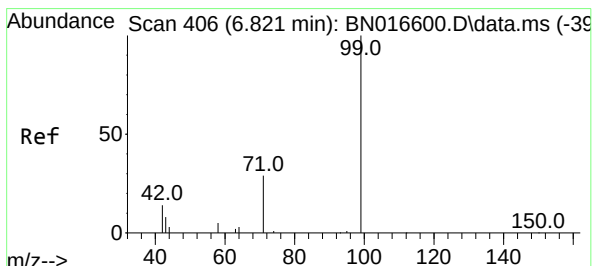
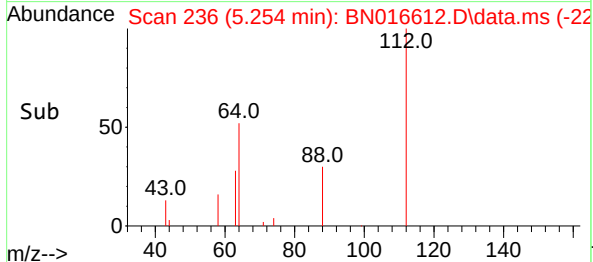
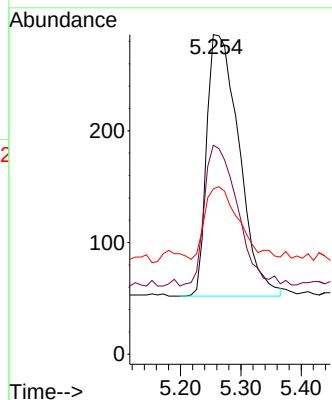
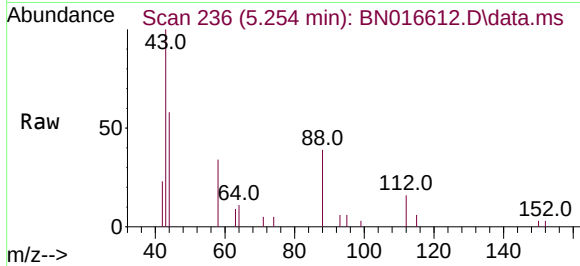




#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

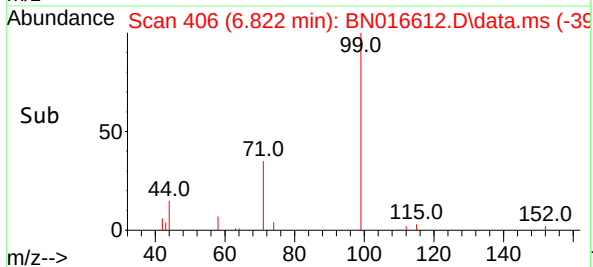
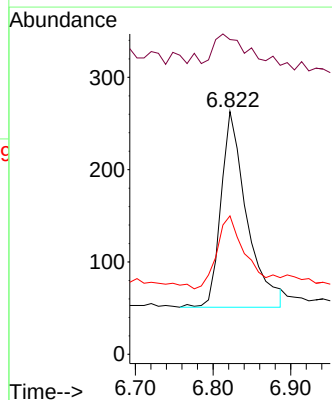
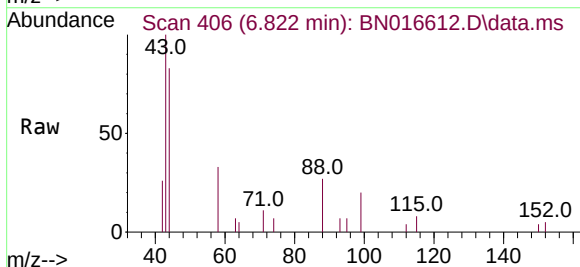
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ClientSampleId :
RE131D2-20210915DL

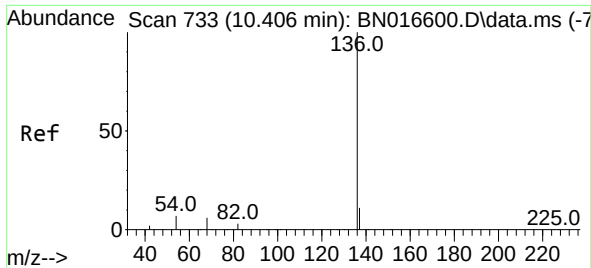
Tgt Ion:	112	Resp:	868
Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.1	64.7
63	29.1	21.6	32.4



#5
Phenol-d6
Concen: 0.006 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Tgt Ion:	99	Resp:	490
Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.0	19.6#
71	43.1	23.5	35.3#

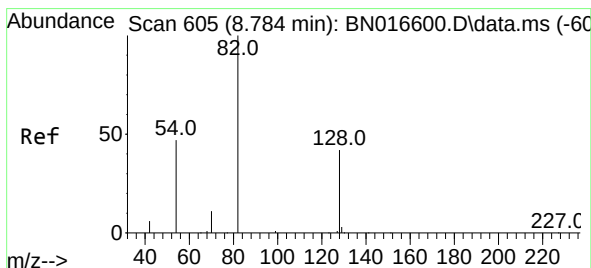
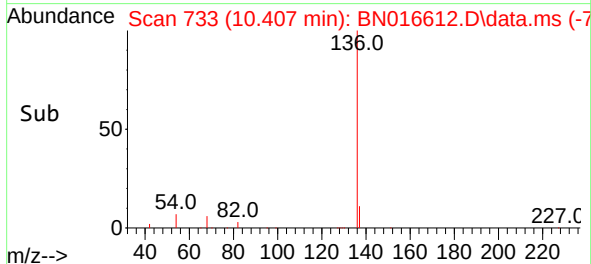
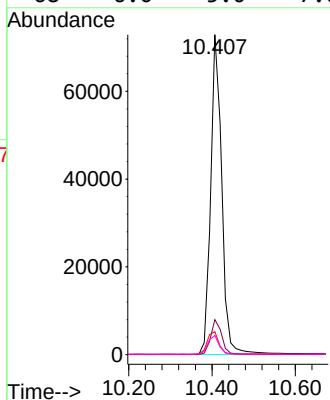
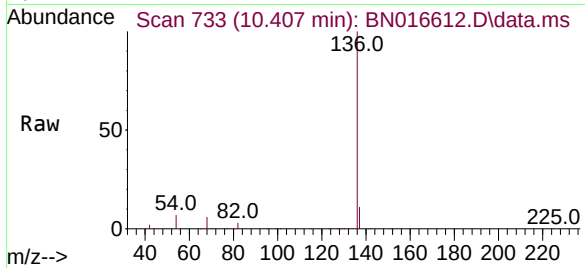




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

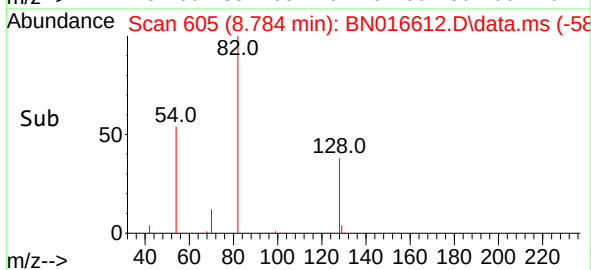
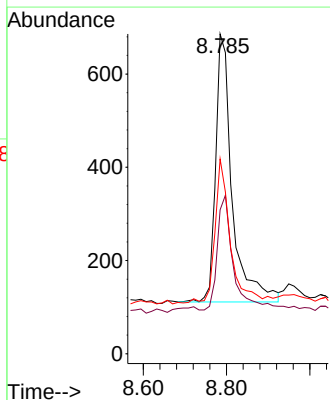
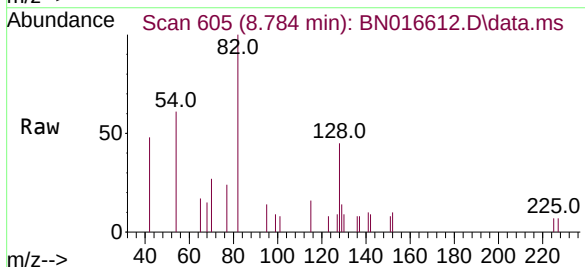
Instrument :
BNA_N
ClientSampleId :
RE131D2-20210915DL

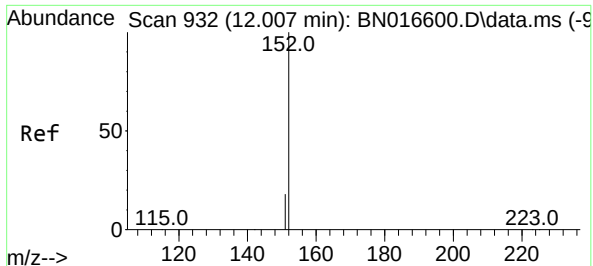
Tgt Ion:	136	Resp:	134196
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	7.2	5.9	8.9
68	6.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.018 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Tgt Ion:	82	Resp:	1588
Ion Ratio	Lower	Upper	
82	100		
128	45.0	33.6	50.4
54	60.9	37.6	56.4

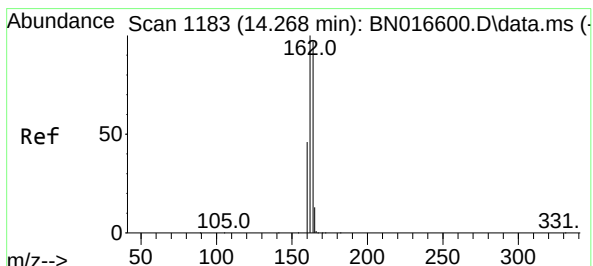
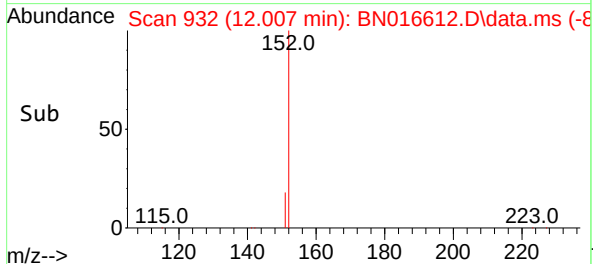
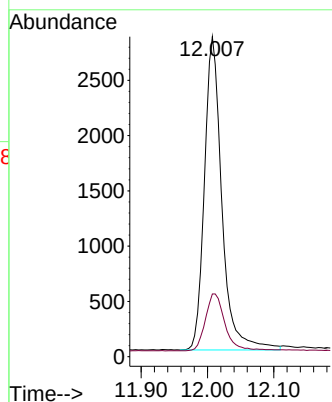
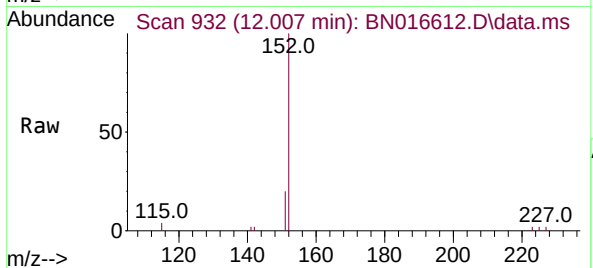




#11
2-Methylnaphthalene-d10
Concen: 0.026 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

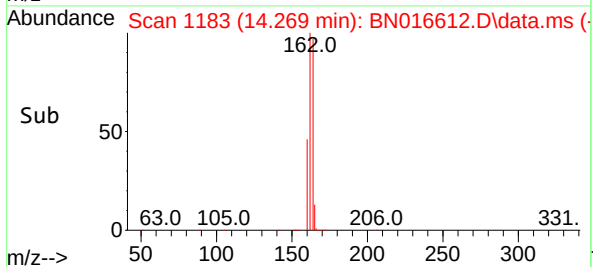
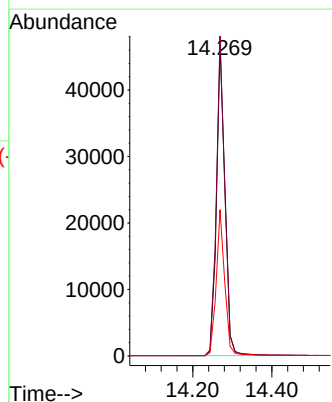
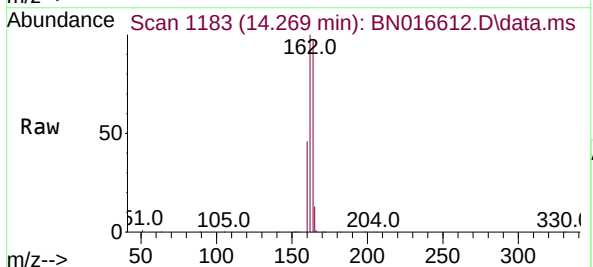
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ClientSampleId :
RE131D2-20210915DL

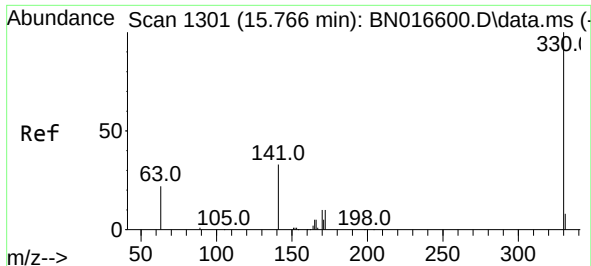
Tgt Ion:152 Resp: 5181
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Tgt Ion:164 Resp: 70174
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 46.9 37.7 56.5

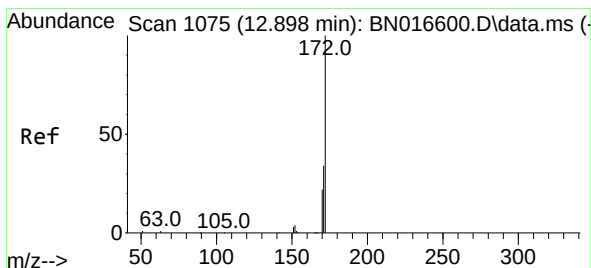
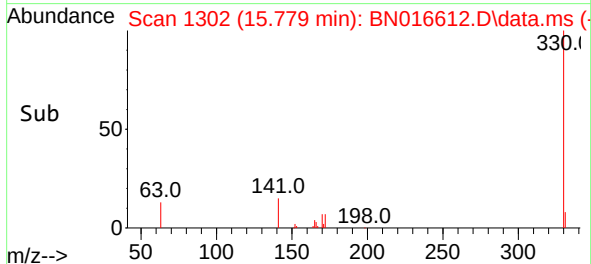
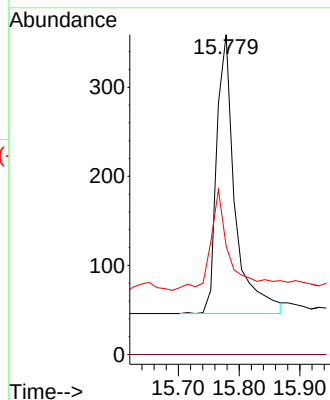
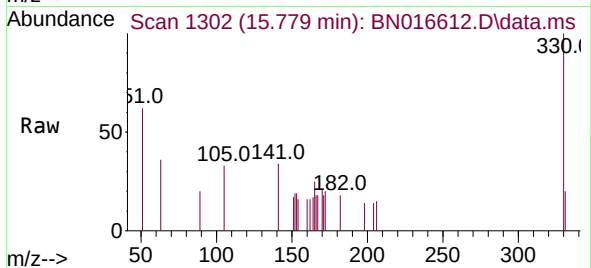




#14
2,4,6-Tribromophenol
Concen: 0.020 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.013 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

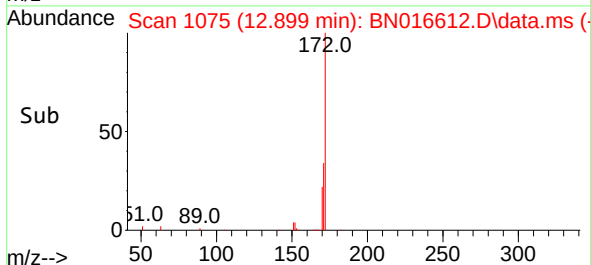
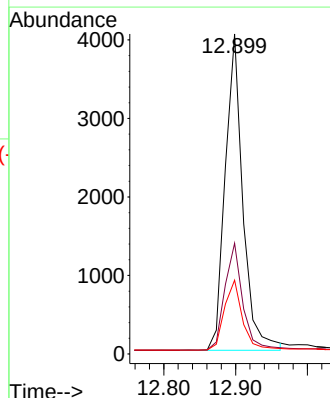
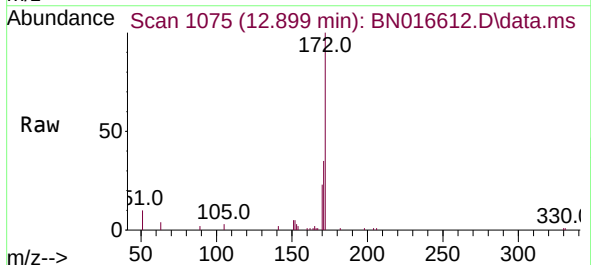
Instrument :
BNA_N
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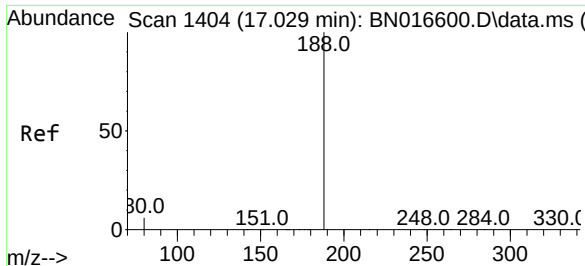
Tgt Ion:330 Resp: 654
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.8 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.024 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

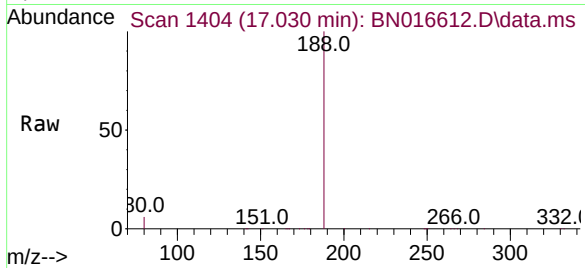
Tgt Ion:172 Resp: 6866
Ion Ratio Lower Upper
172 100
171 34.6 27.0 40.4
170 23.0 17.4 26.2



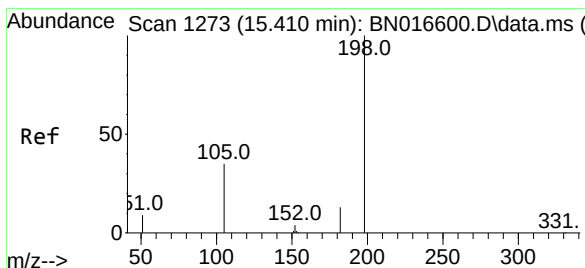
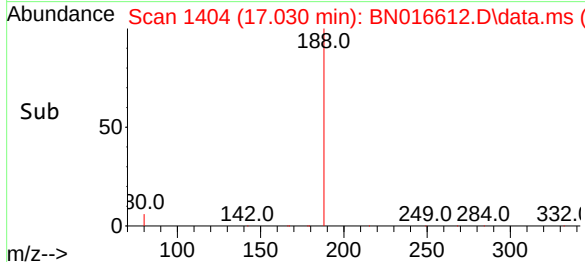
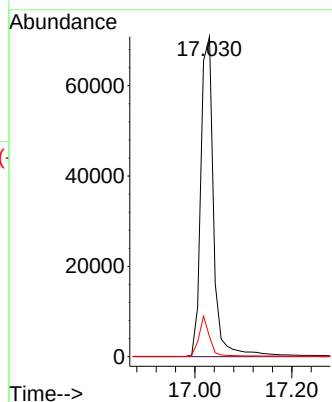


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Instrument :
BNA_N
ClientSampleId :
RE131D2-20210915DL

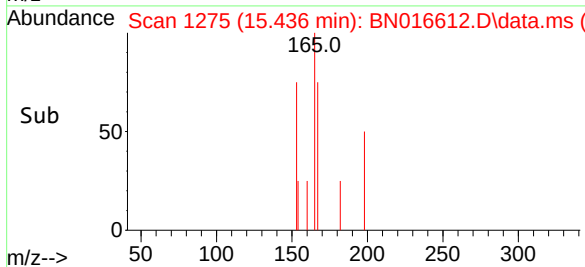
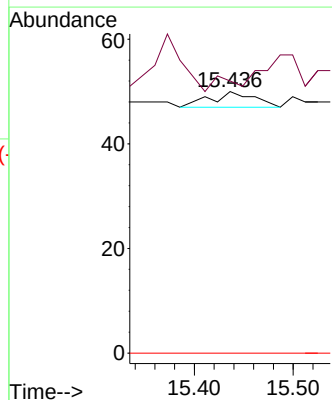
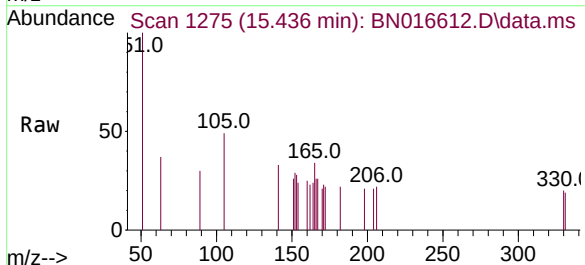


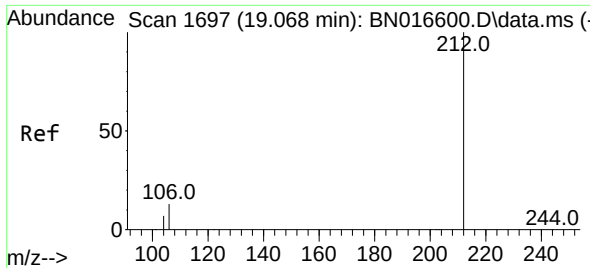
Tgt Ion:188	Resp:	129609
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	6.3	7.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.026 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Tgt Ion:198	Resp:	9
Ion Ratio	Lower	Upper
198	100	
182	104.0	11.8
77	0.0	0.0

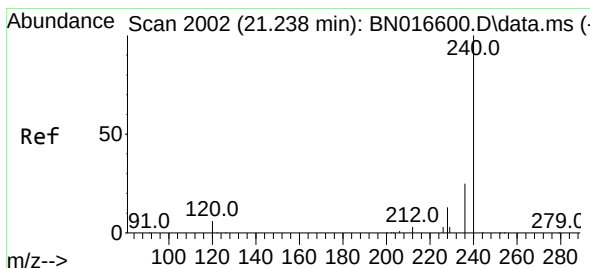
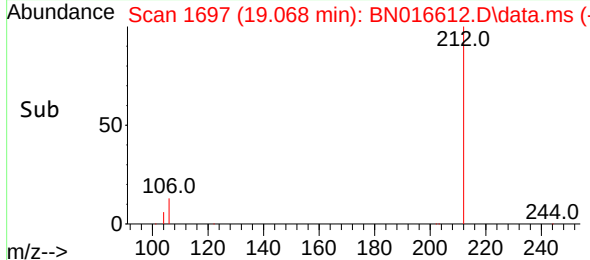
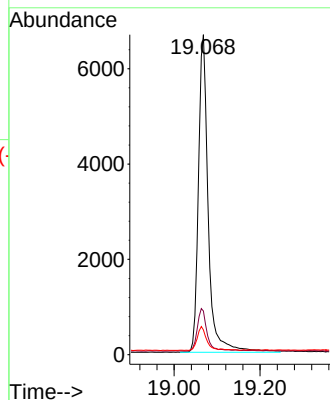
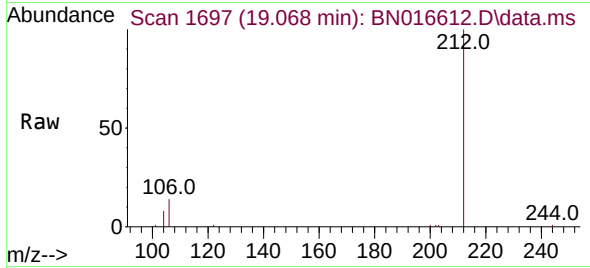




#27
Fluoranthene-d10
Concen: 0.031 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

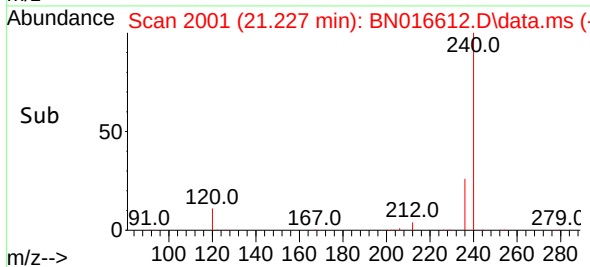
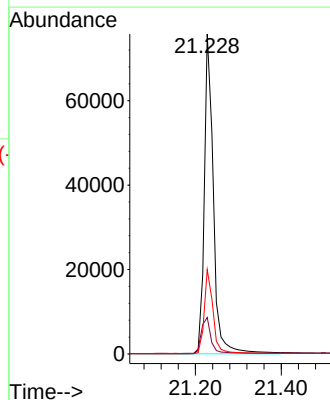
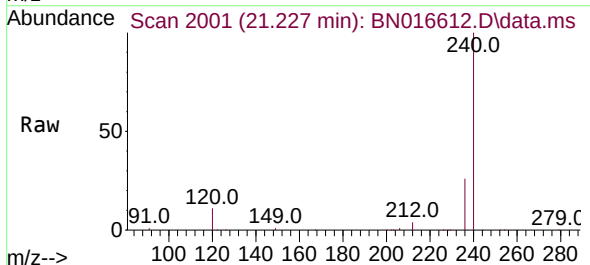
Instrument :
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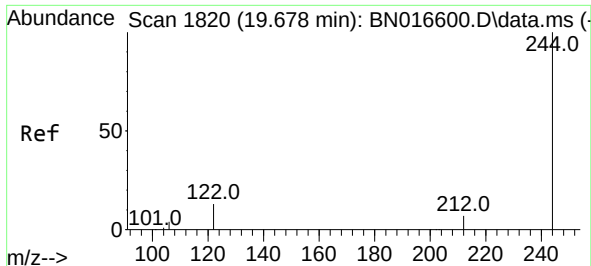
Tgt Ion:212 Resp: 10562
Ion Ratio Lower Upper
212 100
106 13.0 10.6 16.0
104 6.9 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Tgt Ion:240 Resp: 110871
Ion Ratio Lower Upper
240 100
120 11.4 5.0 7.4#
236 26.3 20.4 30.6

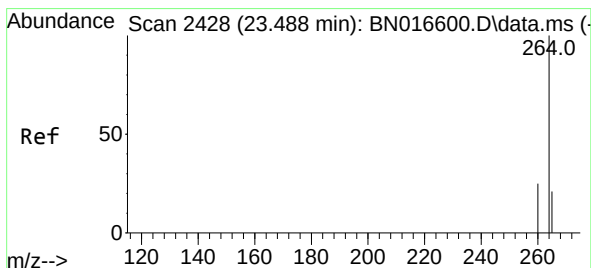
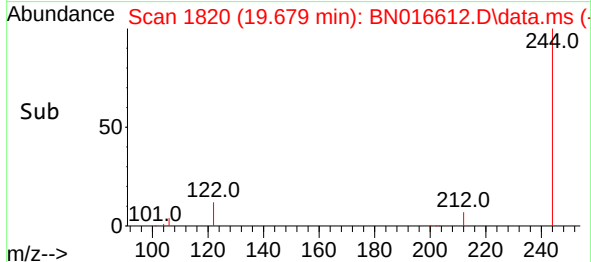
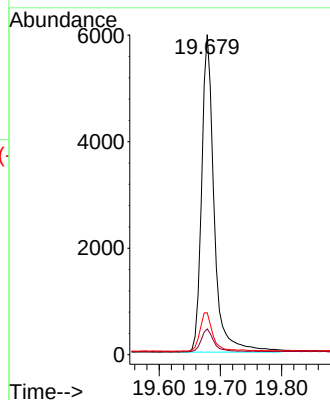
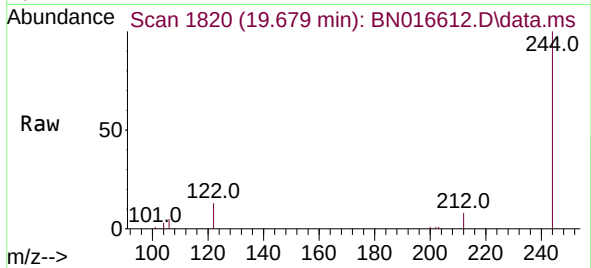




#31
Terphenyl-d14
Concen: 0.035 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Instrument :
BNA_N
ClientSampleId :
RE131D2-20210915DL

Tgt Ion:244 Resp: 8452
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.1 10.1 15.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.478 min Scan# 2425
Delta R.T. -0.010 min
Lab File: BN016612.D
Acq: 30 Sep 2021 22:46

Tgt Ion:264 Resp: 113079
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 23.4 19.2 28.8

