

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
 Data File : BN016277.D
 Acq On : 10 Sep 2021 04:31
 Operator : CG/JU
 Sample : M3561-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-082621

Quant Time: Sep 10 05:43:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 09 15:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

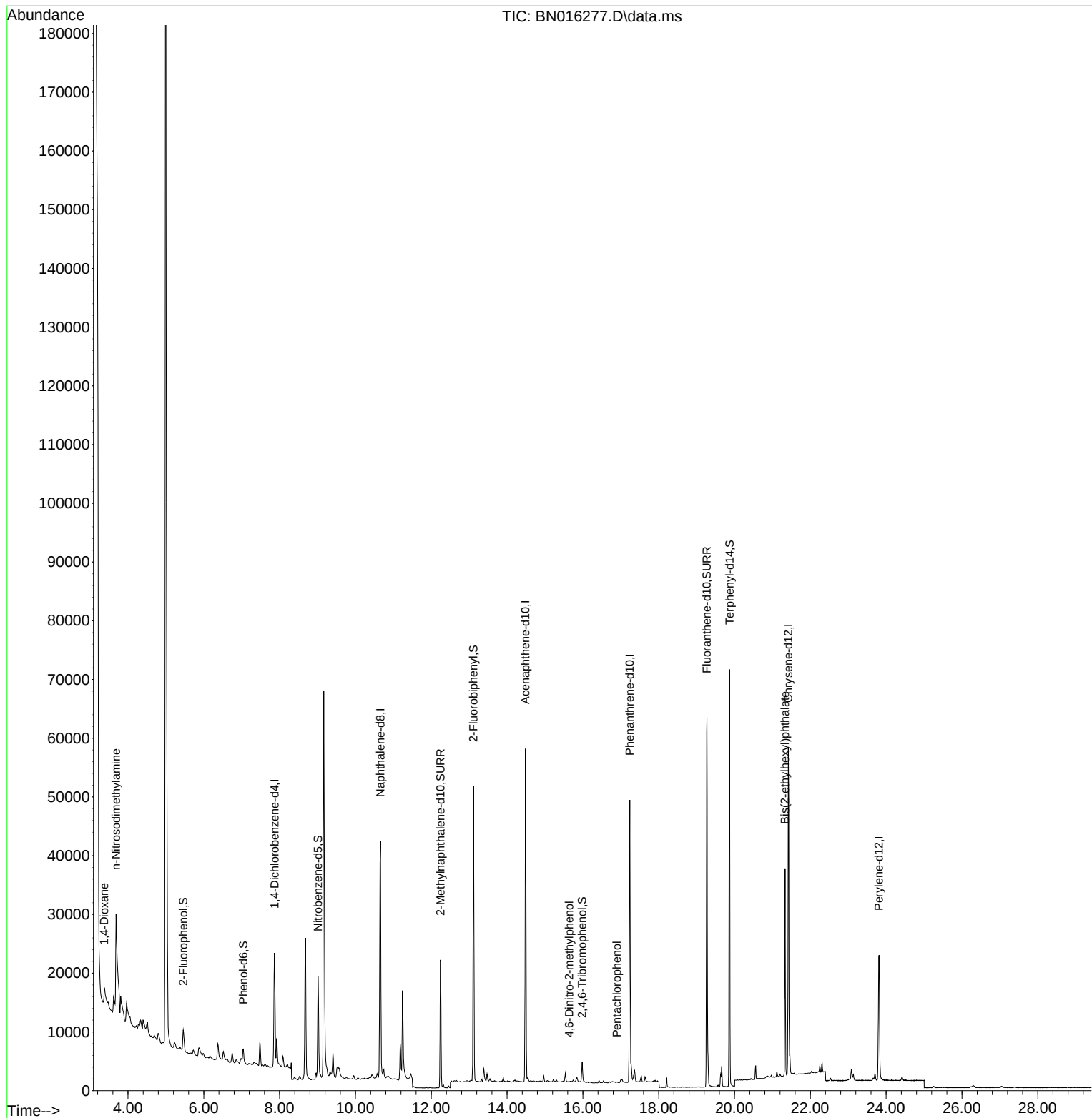
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	12305	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	62218	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	34086	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	69235	0.400	ng	0.00
29) Chrysene-d12	21.419	240	59123	0.400	ng	#-0.01
35) Perylene-d12	23.810	264	32764	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	4524	0.144	ng	0.00
5) Phenol-d6	7.043	99	3179	0.081	ng	0.00
8) Nitrobenzene-d5	9.013	82	16187	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	31309	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	2918	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	45906	0.344	ng	0.00
27) Fluoranthene-d10	19.271	212	76855	0.378	ng	0.00
31) Terphenyl-d14	19.867	244	77597	0.523	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	2174	0.498	ng	# 78
3) n-Nitrosodimethylamine	3.687	42	2197	0.243	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.639	198	10	0.211	ng	# 1
24) Pentachlorophenol	16.896	266	90	0.125	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.334	149	30337	0.267	ng	99

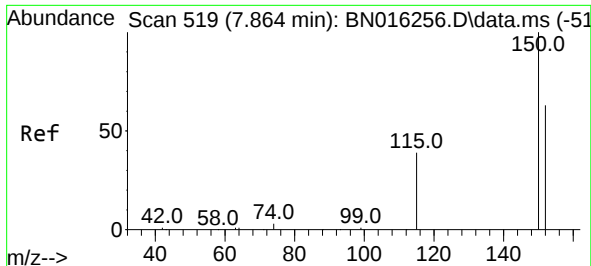
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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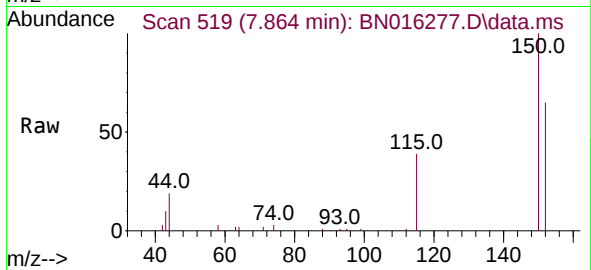
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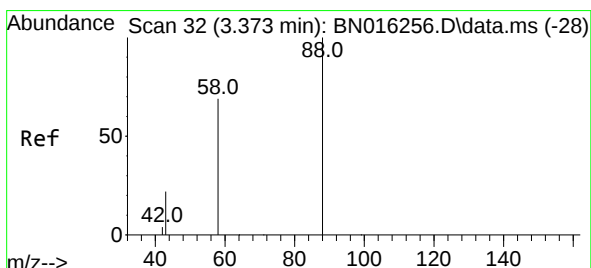
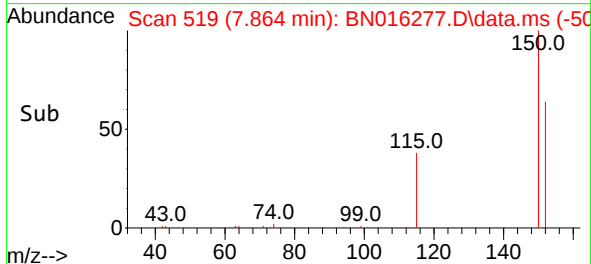
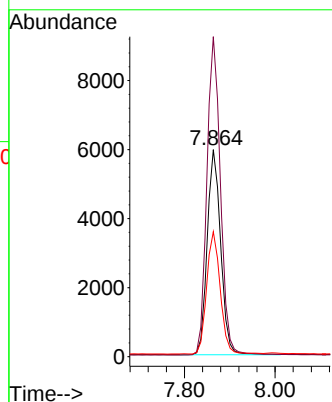


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Instrument :
BNA_N
ClientSampleId :
FB-082621

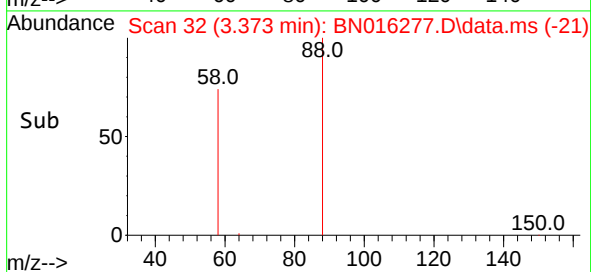
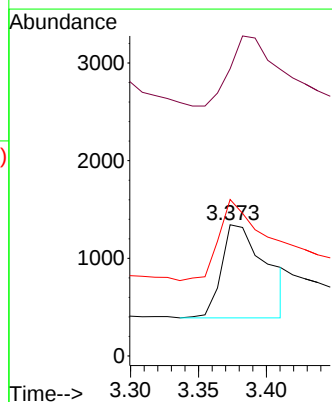
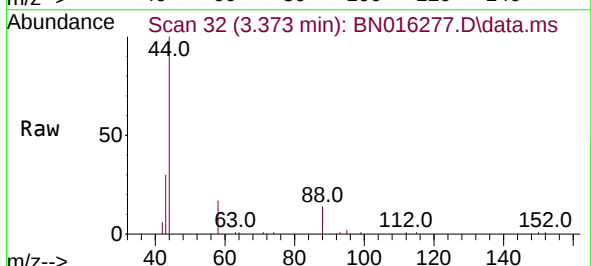


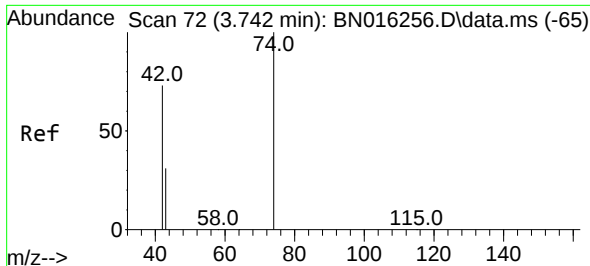
Tgt Ion: 152 Resp: 12305
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 60.4 50.2 75.2



#2
1,4-Dioxane
Concen: 0.498 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Tgt Ion: 88 Resp: 2174
Ion Ratio Lower Upper
88 100
43 70.7 20.3 30.5#
58 85.5 69.9 104.9

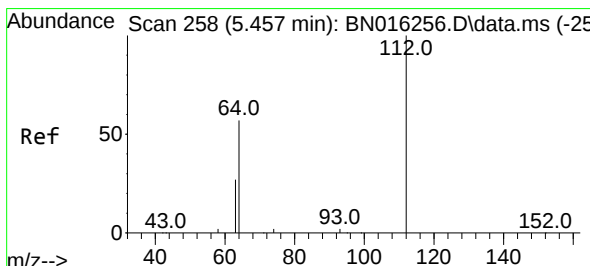
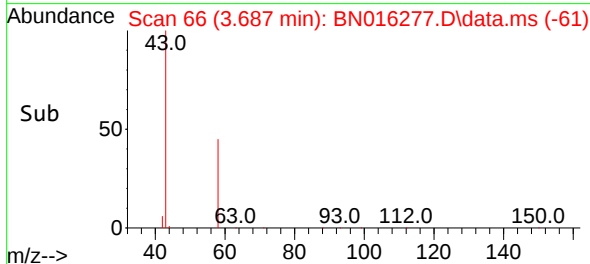
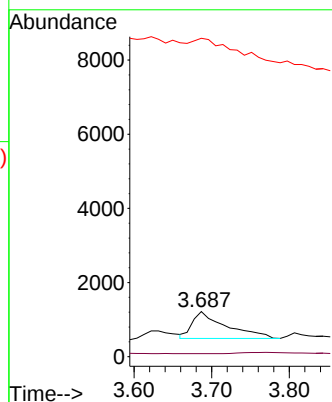
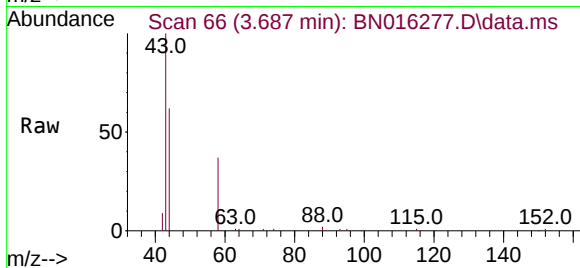




#3
n-Nitrosodimethylamine
Concen: 0.243 ng
RT: 3.687 min Scan# 66
Delta R.T. -0.055 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

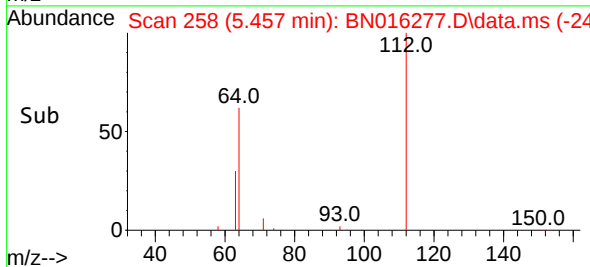
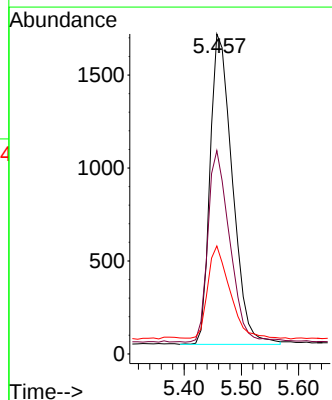
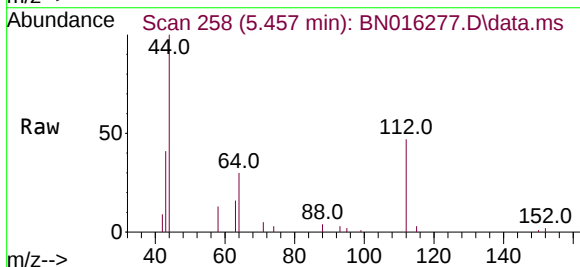
Instrument :
BNA_N
ClientSampleId :
FB-082621

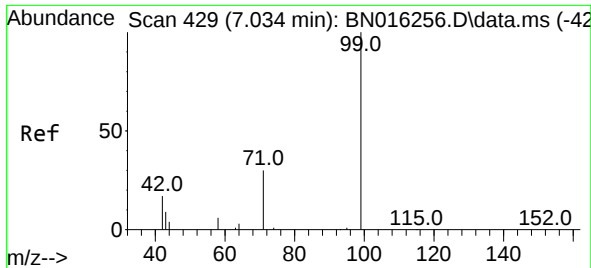
Tgt Ion: 42 Resp: 2197
Ion Ratio Lower Upper
42 100
74 0.0 113.6 170.4#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Tgt Ion: 112 Resp: 4524
Ion Ratio Lower Upper
112 100
64 60.6 47.3 70.9
63 29.0 23.4 35.0

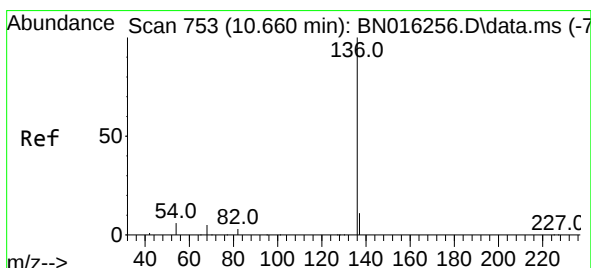
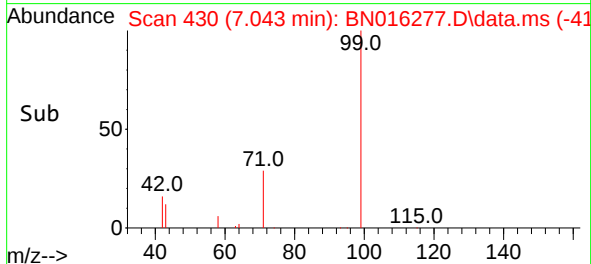
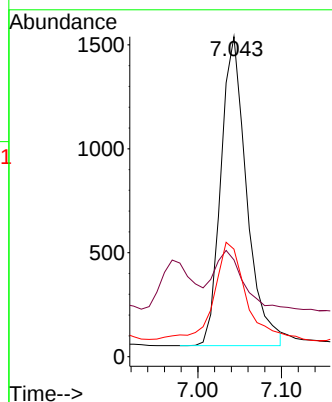
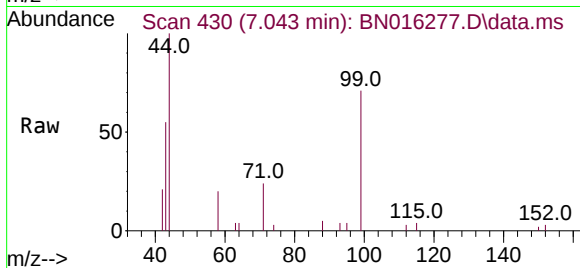




#5
Phenol-d6
Concen: 0.081 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

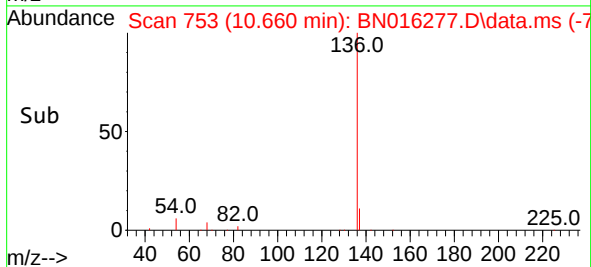
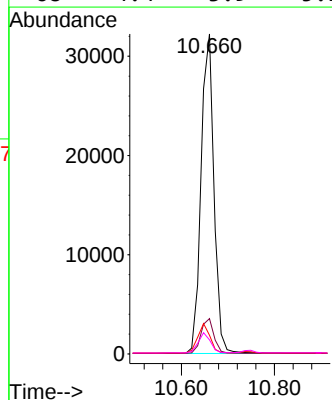
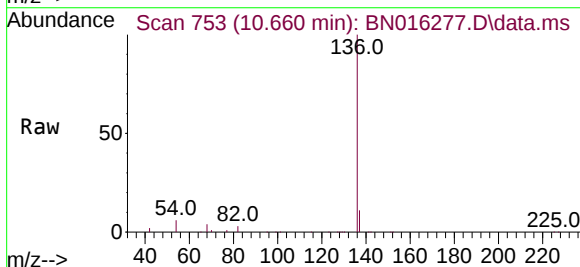
Instrument :
BNA_N
ClientSampleId :
FB-082621

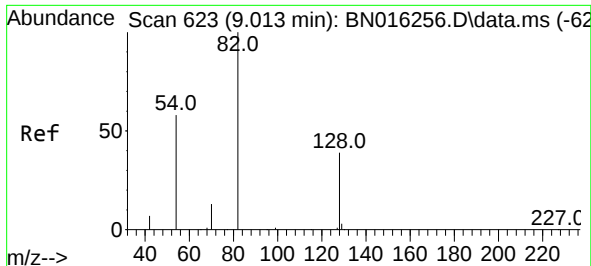
Tgt Ion: 99 Resp: 3179
Ion Ratio Lower Upper
99 100
42 19.2 14.0 21.0
71 37.2 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Tgt Ion: 136 Resp: 62218
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.8 5.3 7.9
68 4.4 3.9 5.9

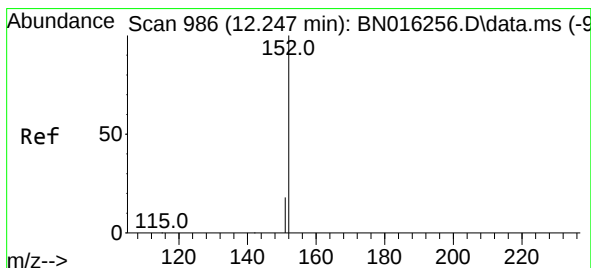
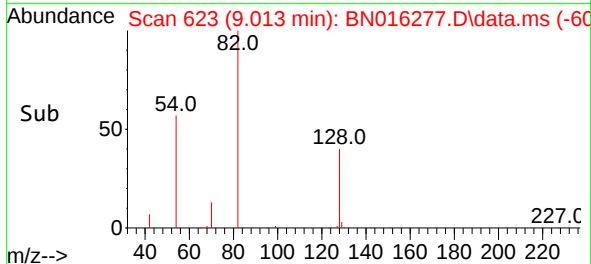
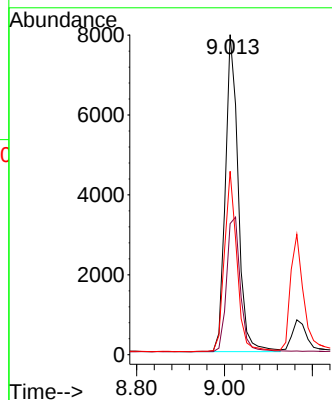
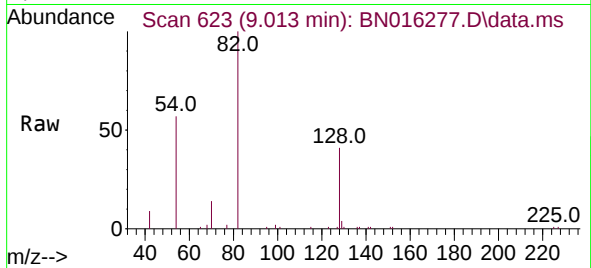




#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 9.013 min Scan# 623
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

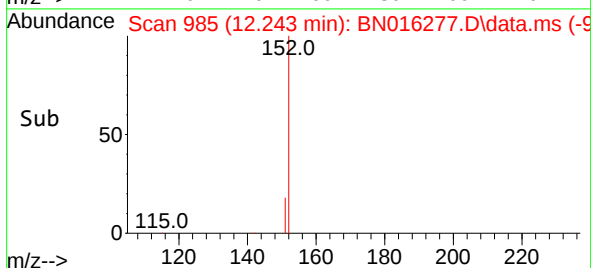
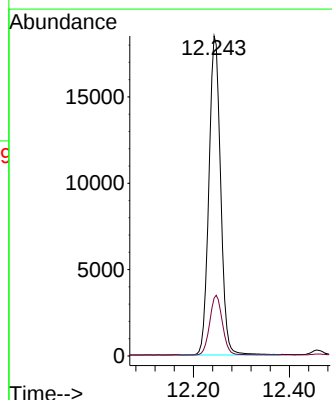
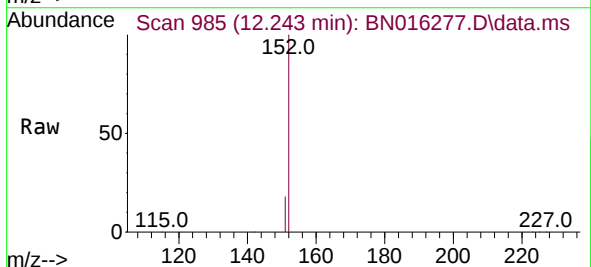
Instrument :
BNA_N
ClientSampleId :
FB-082621

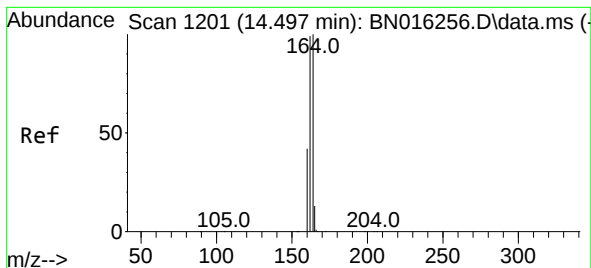
Tgt Ion: 82 Resp: 16187
Ion Ratio Lower Upper
82 100
128 41.0 31.7 47.5
54 57.3 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.243 min Scan# 985
Delta R.T. -0.005 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Tgt Ion: 152 Resp: 31309
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1200

Delta R.T. -0.013 min

Lab File: BN016277.D

Acq: 10 Sep 2021 04:31

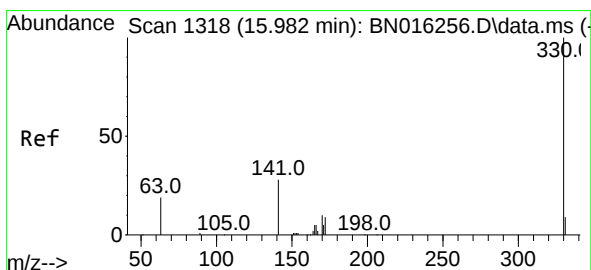
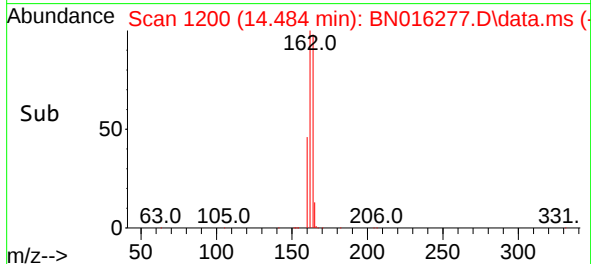
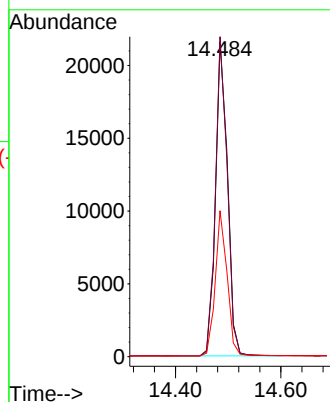
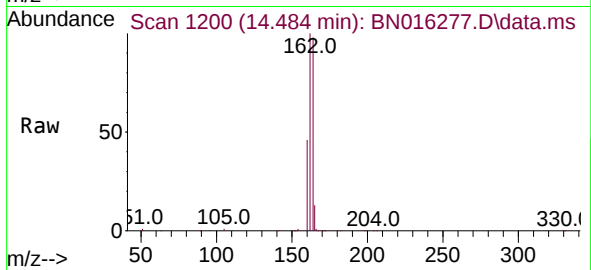
Tgt Ion:164 Resp: 34086

Ion Ratio Lower Upper

164 100

162 101.6 79.0 118.4

160 46.4 34.1 51.1



#14

2,4,6-Tribromophenol

Concen: 0.209 ng

RT: 15.982 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BN016277.D

Acq: 10 Sep 2021 04:31

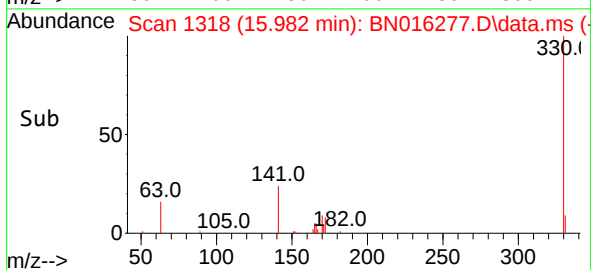
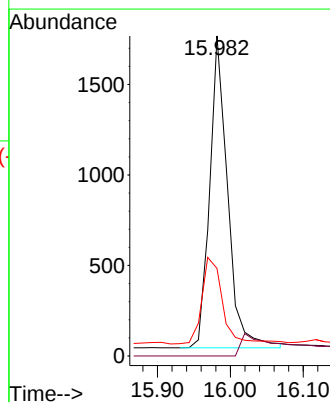
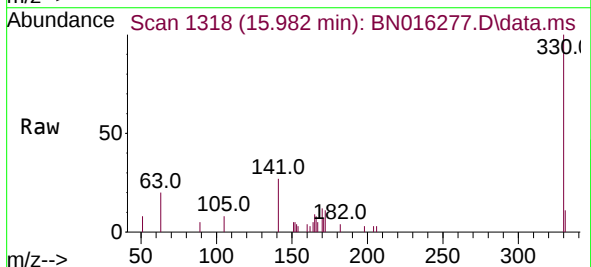
Tgt Ion:330 Resp: 2918

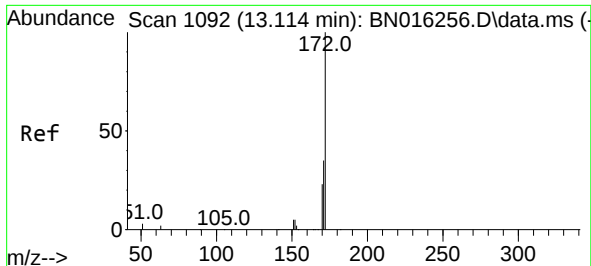
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 32.3 25.0 37.4

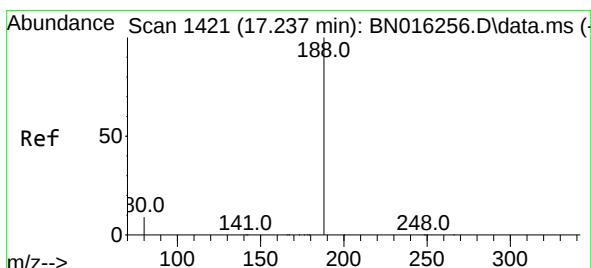
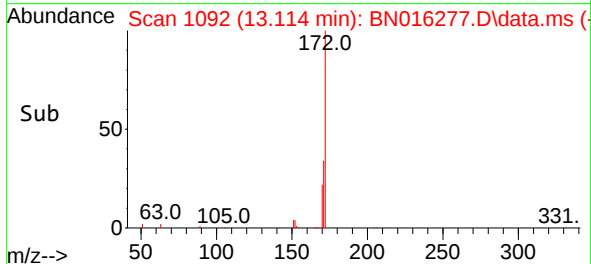
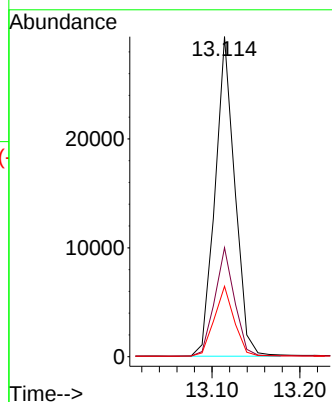
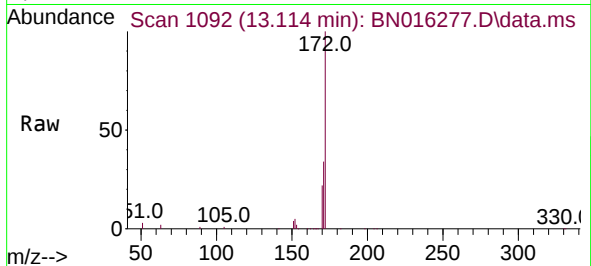




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

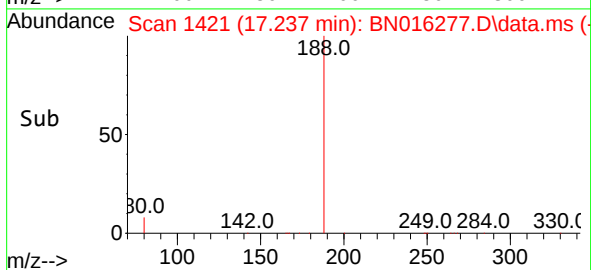
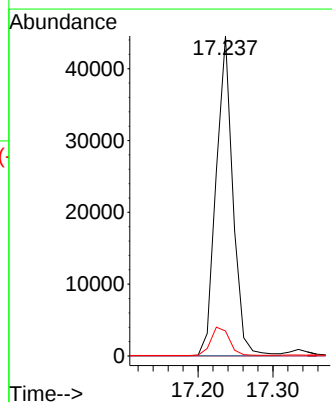
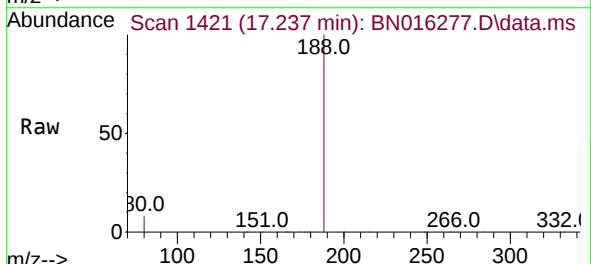
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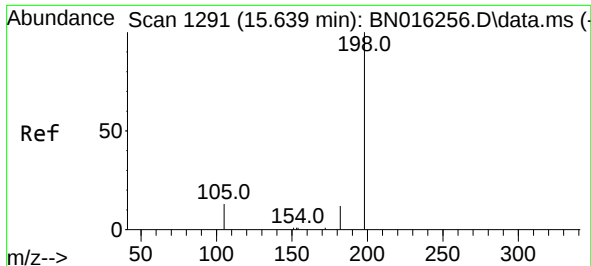
Tgt Ion:	172	Resp:	45906
Ion Ratio	Lower	Upper	
172	100		
171	34.1	27.8	41.6
170	22.0	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Tgt Ion:	188	Resp:	69235
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.8	7.0	10.6

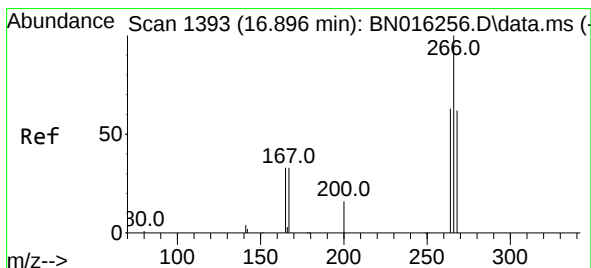
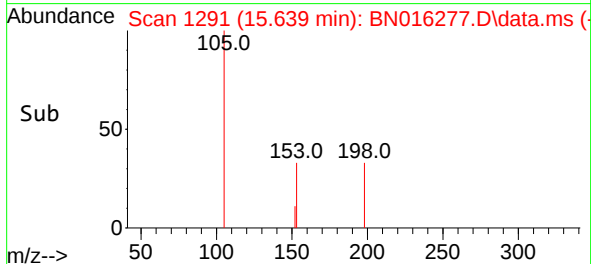
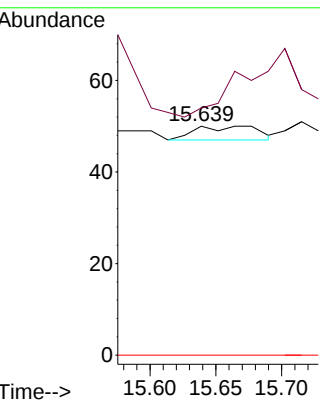
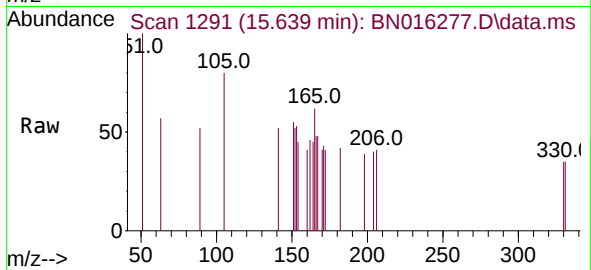




#20
4,6-Dinitro-2-methylphenol
Concen: 0.211 ng
RT: 15.639 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

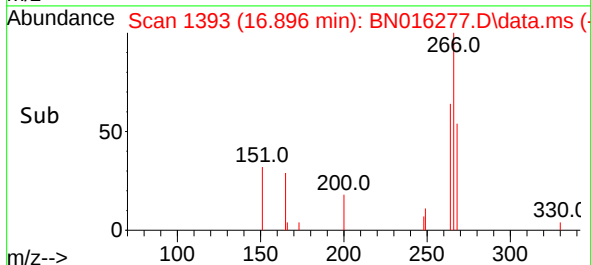
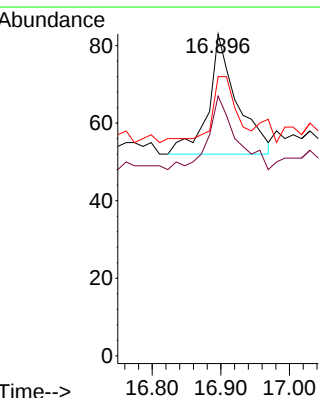
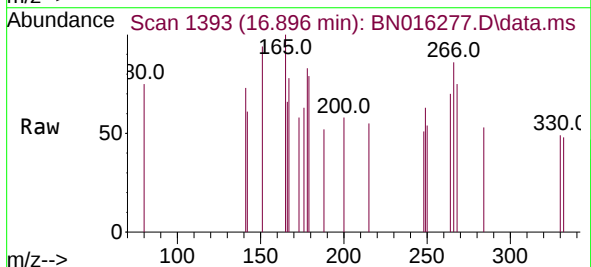
Instrument :
BNA_N
ClientSampleId :
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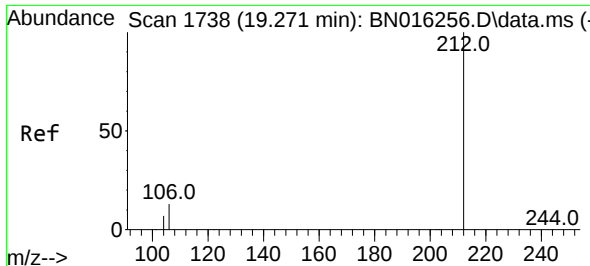
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 108.0 26.6 39.8#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.125 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Tgt Ion:266 Resp: 90
Ion Ratio Lower Upper
266 100
264 60.0 50.6 75.8
268 38.9 52.6 79.0#

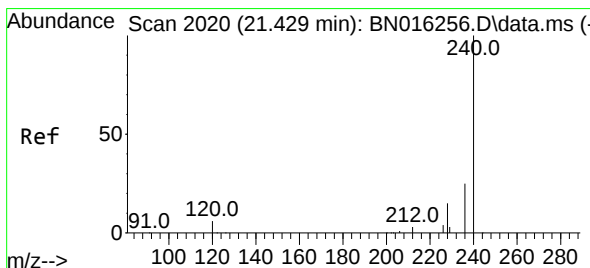
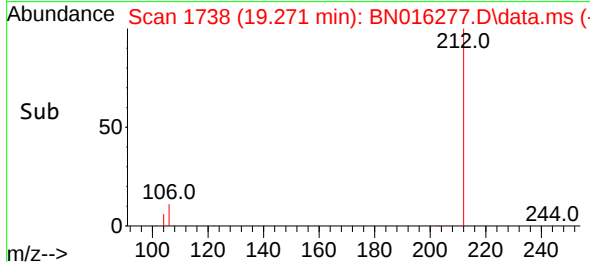
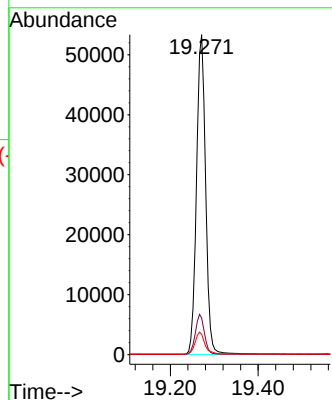
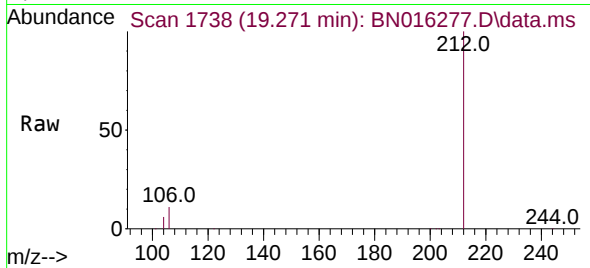




#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

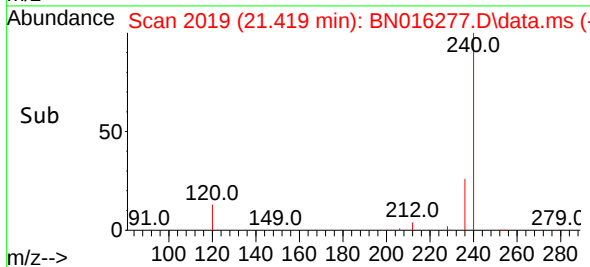
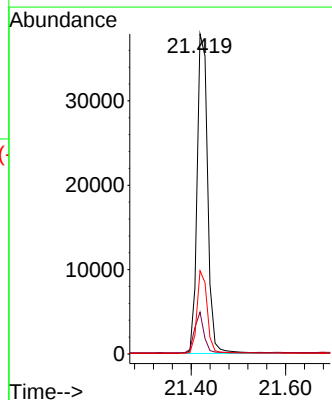
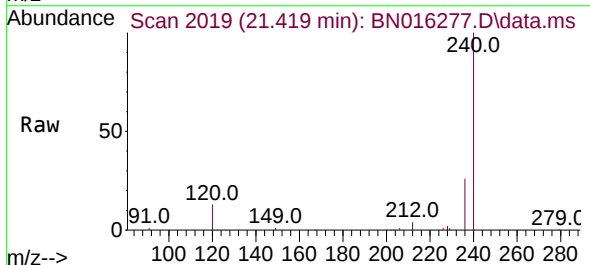
Instrument :
BNA_N
ClientSampleId :
FB-082621

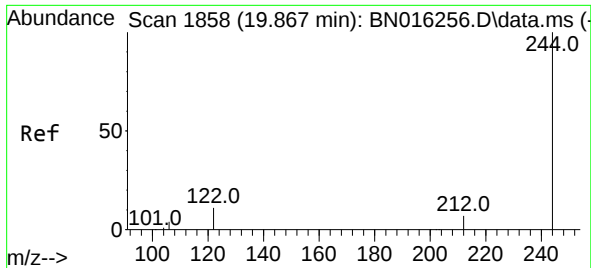
Tgt Ion:212 Resp: 76855
Ion Ratio Lower Upper
212 100
106 12.4 9.8 14.6
104 7.3 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.419 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN016277.D
Acq: 10 Sep 2021 04:31

Tgt Ion:240 Resp: 59123
Ion Ratio Lower Upper
240 100
120 13.1 5.3 7.9#
236 26.0 19.8 29.8

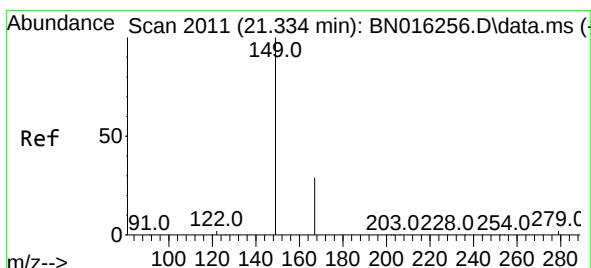
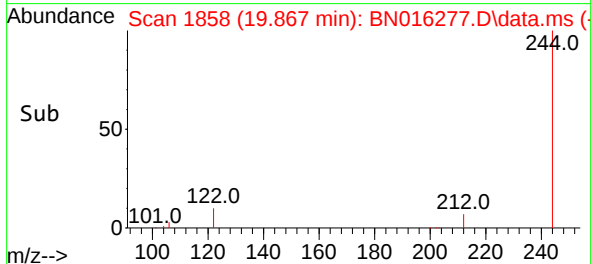
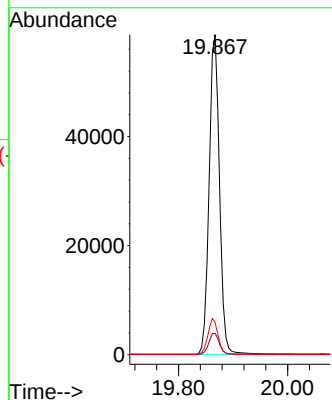
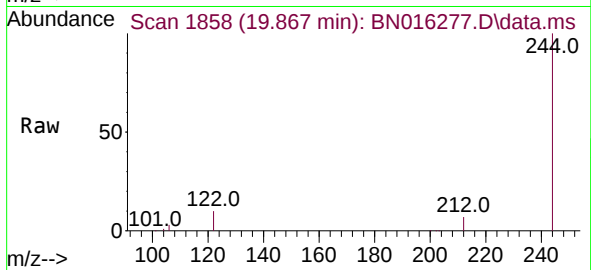




#31
 Terphenyl-d14
 Concen: 0.523 ng
 RT: 19.867 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: BN016277.D
 Acq: 10 Sep 2021 04:31

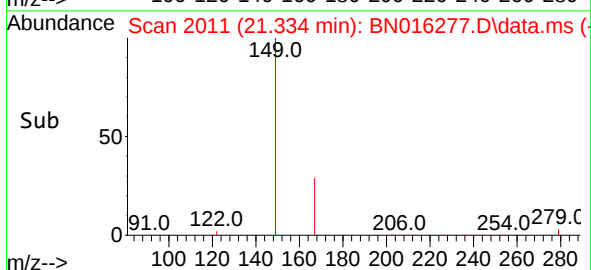
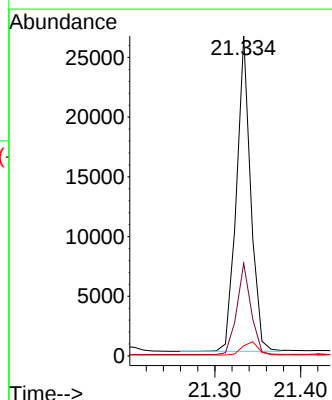
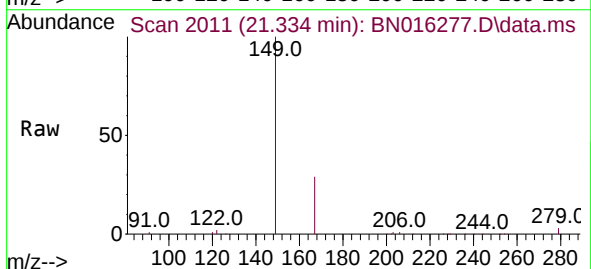
Instrument :
 BNA_N
 ClientSampleId :
 FB-082621

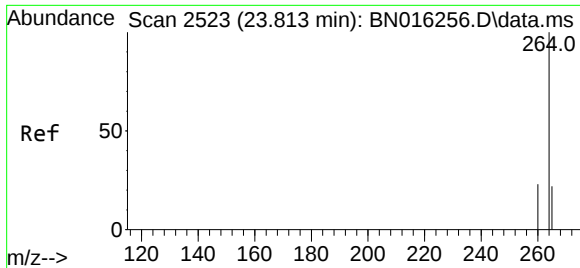
Tgt Ion:244 Resp: 77597
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.1 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.267 ng
 RT: 21.334 min Scan# 2011
 Delta R.T. -0.000 min
 Lab File: BN016277.D
 Acq: 10 Sep 2021 04:31

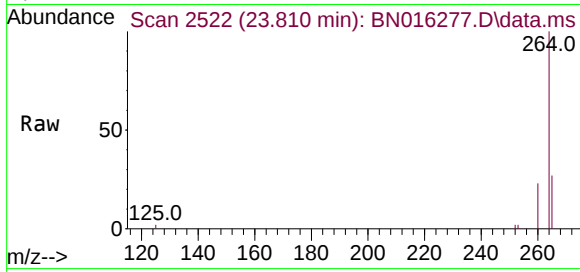
Tgt Ion:149 Resp: 30337
 Ion Ratio Lower Upper
 149 100
 167 28.7 23.4 35.0
 279 4.7 3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.810 min Scan# 2522
 Delta R.T. -0.003 min
 Lab File: BN016277.D
 Acq: 10 Sep 2021 04:31

Instrument :
 BNA_N
 ClientSampleId :
 FB-082621



Tgt Ion:264 Resp: 32764
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 27.0 23.7 35.5

