

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016461.D
 Acq On : 25 Sep 2021 06:37
 Operator : CG/JU
 Sample : M3782-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 07:37:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

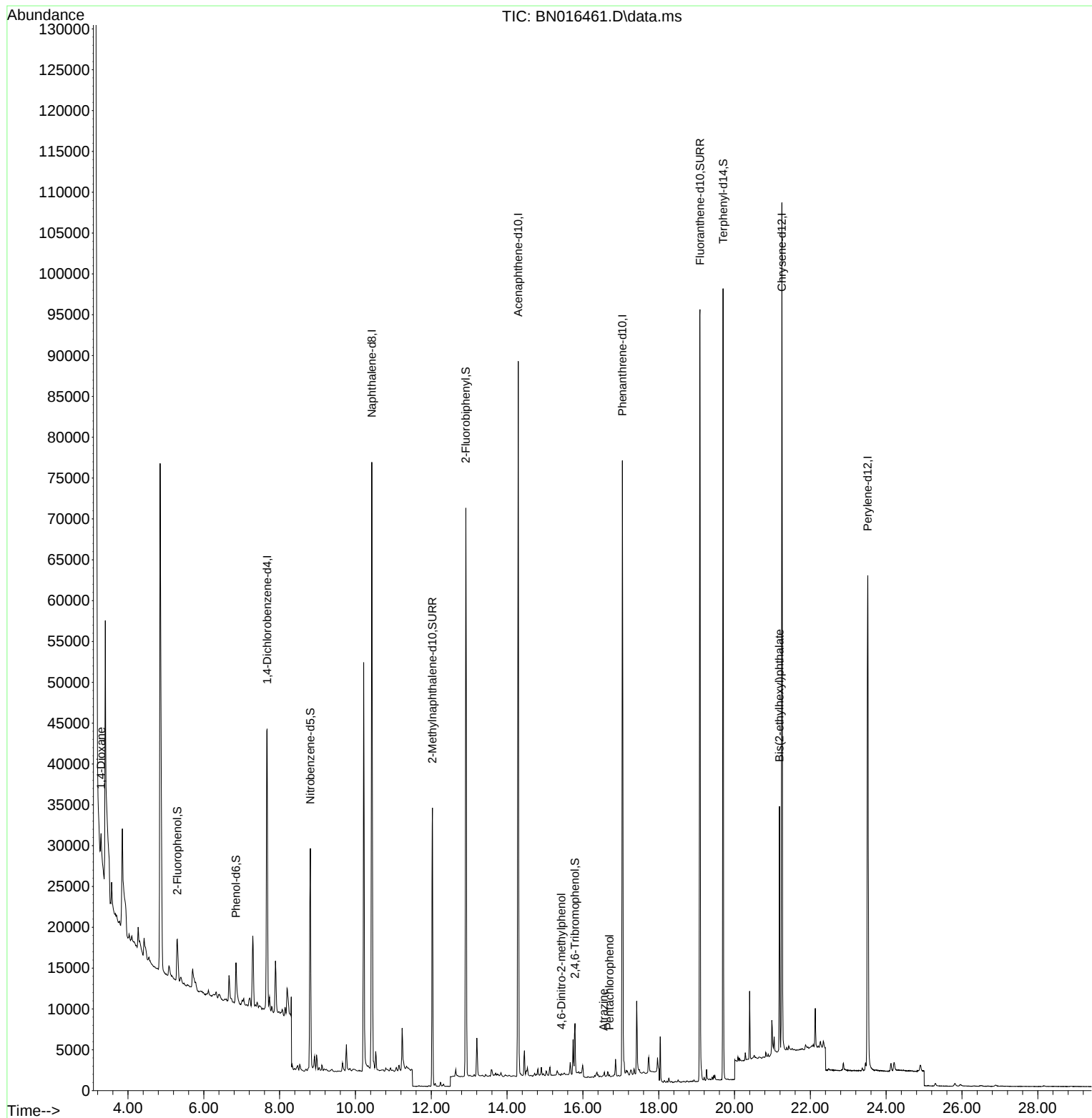
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21401	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	94645	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	49238	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	99696	0.400	ng	0.00
29) Chrysene-d12	21.249	240	95048	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	82733	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6765	0.141	ng	0.02
5) Phenol-d6	6.849	99	4627	0.082	ng	0.00
8) Nitrobenzene-d5	8.810	82	21424	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	45185	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4691	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	60178	0.291	ng	-0.01
27) Fluoranthene-d10	19.088	212	111836	0.409	ng	0.00
31) Terphenyl-d14	19.698	244	94977	0.430	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	1860	0.203	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.436	198	5	0.148	ng	# 1
23) Atrazine	16.543	200	58	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	58	0.246	ng	87
34) Bis(2-ethylhexyl)phtha...	21.185	149	25649	0.341	ng	97

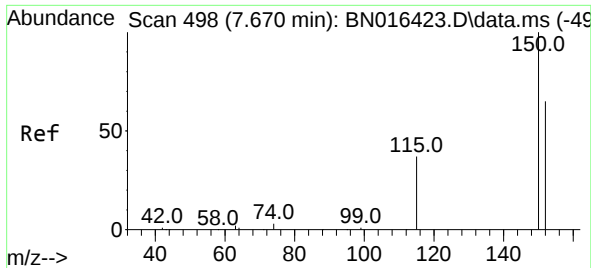
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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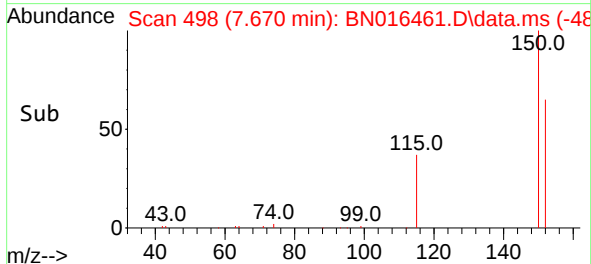
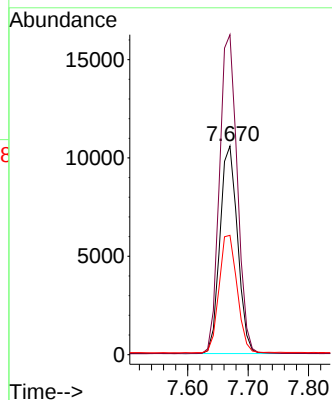
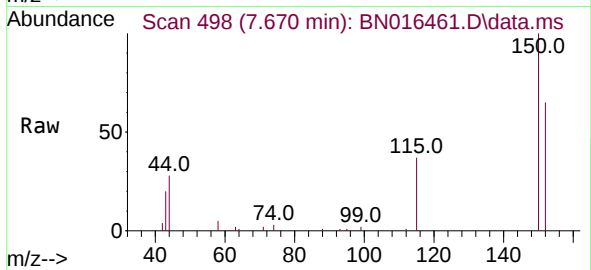




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016461.D
 Acq: 25 Sep 2021 06:37

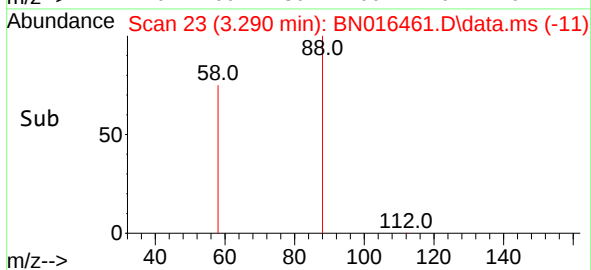
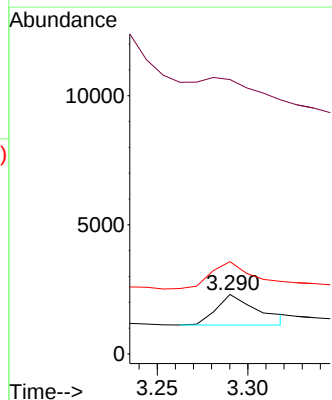
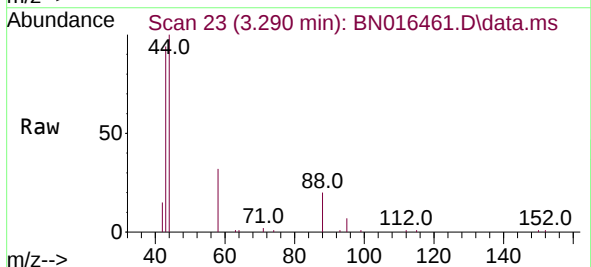
Instrument :
 BNA_N
 ClientSampleId :

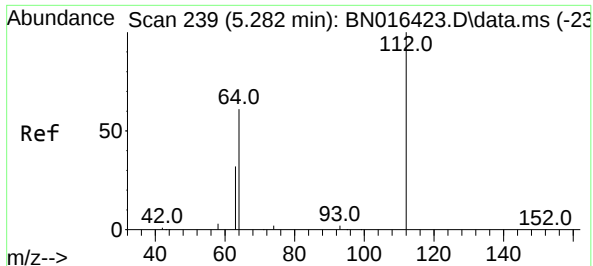
Tgt Ion:152 Resp: 21401
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.6 188.4
 115 57.2 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.203 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016461.D
 Acq: 25 Sep 2021 06:37

Tgt Ion: 88 Resp: 1860
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.3 30.5#
 58 94.6 69.9 104.9

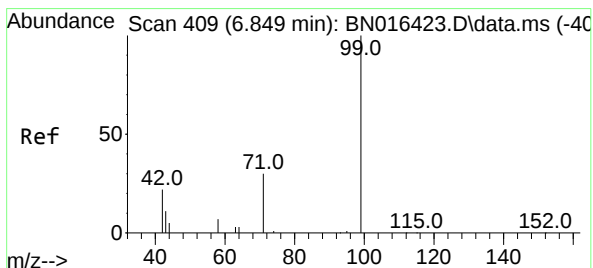
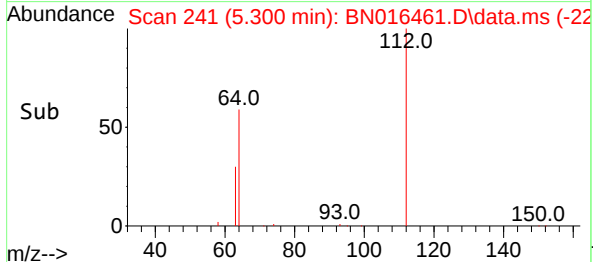
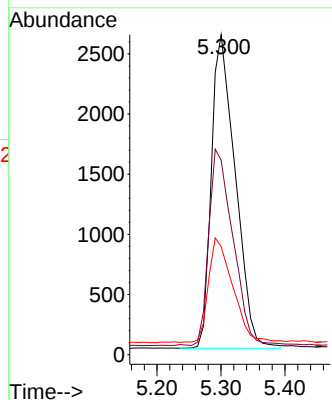
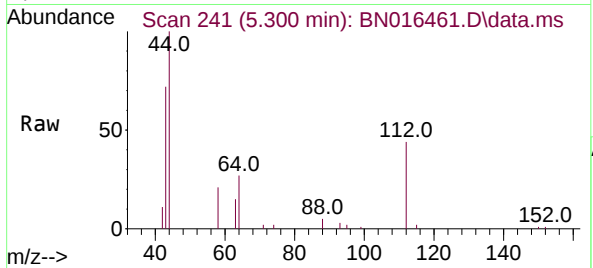




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

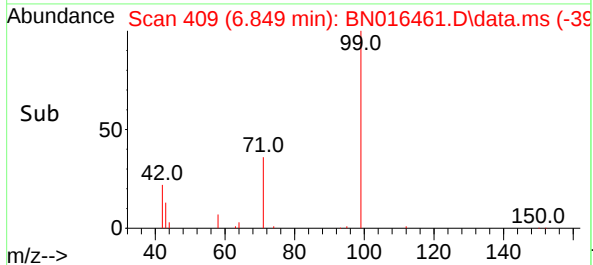
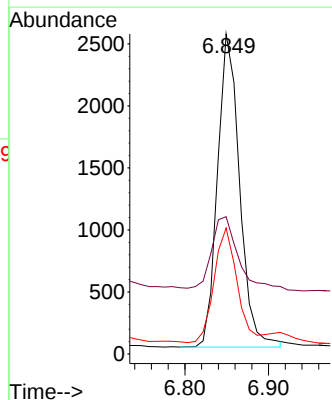
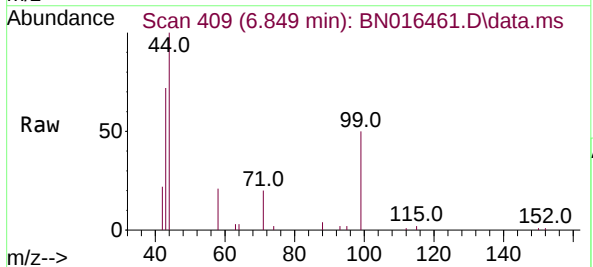
Instrument :
BNA_N
ClientSampleId :

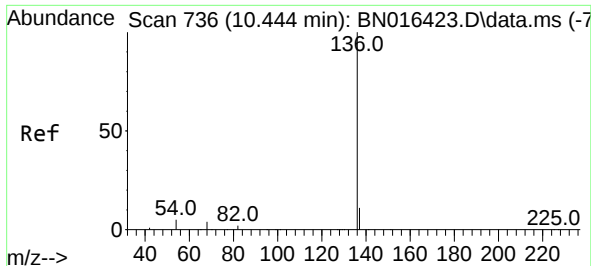
Tgt Ion: 112 Resp: 6765
Ion Ratio Lower Upper
112 100
64 63.2 47.3 70.9
63 33.7 23.4 35.0



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

Tgt Ion: 99 Resp: 4627
Ion Ratio Lower Upper
99 100
42 26.2 14.0 21.0#
71 38.7 23.8 35.6#

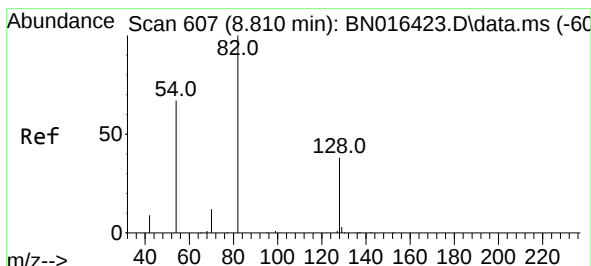
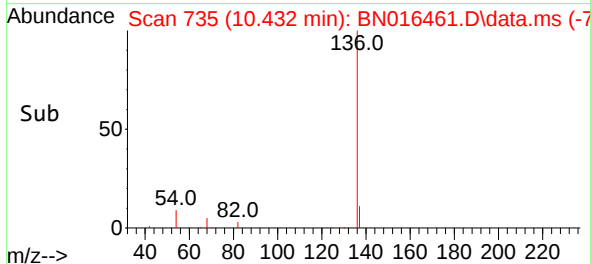
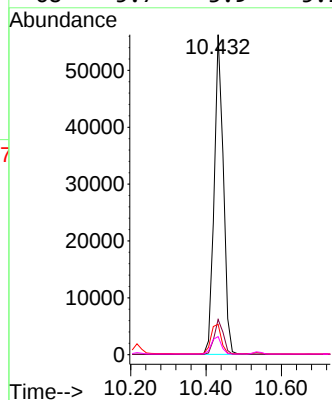
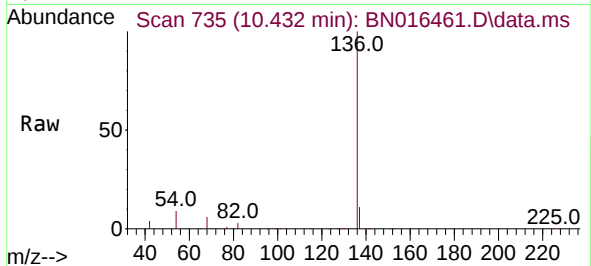




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

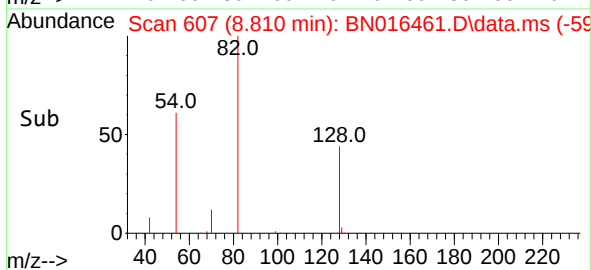
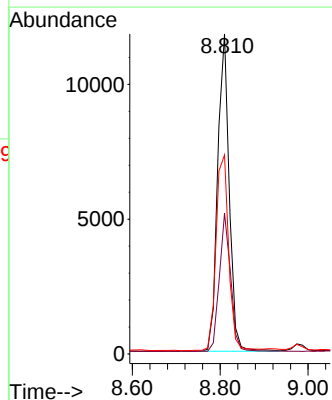
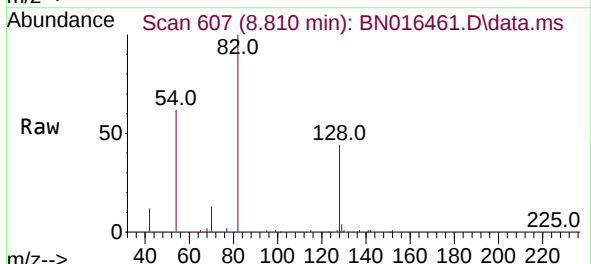
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	94645
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.5	5.3	7.9#
68	5.7	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

Tgt Ion:	82	Resp:	21424
Ion Ratio	Lower	Upper	
82	100		
128	44.0	31.7	47.5
54	62.2	46.4	69.6

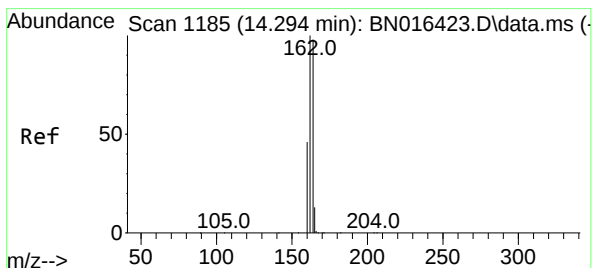
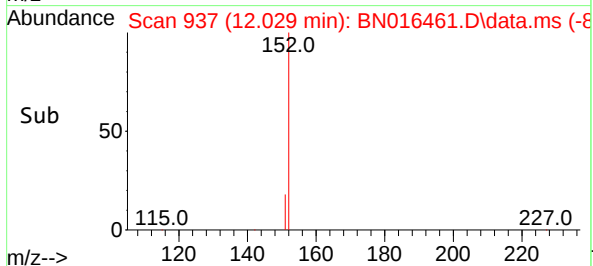
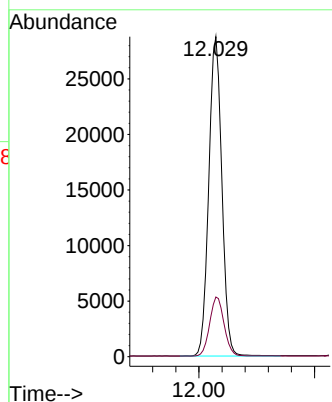
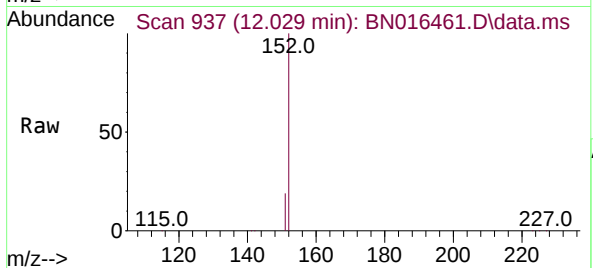




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

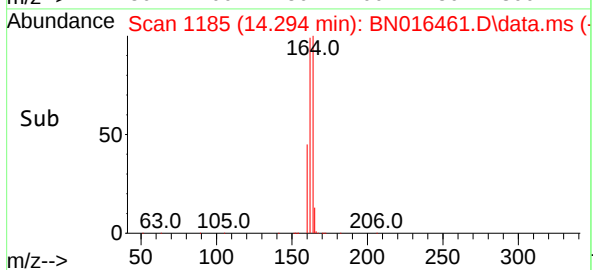
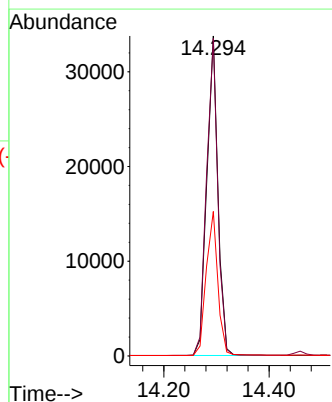
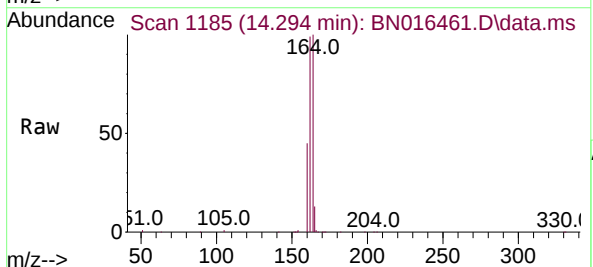
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 45185
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

Tgt Ion:164 Resp: 49238
Ion Ratio Lower Upper
164 100
162 99.2 79.0 118.4
160 45.2 34.1 51.1

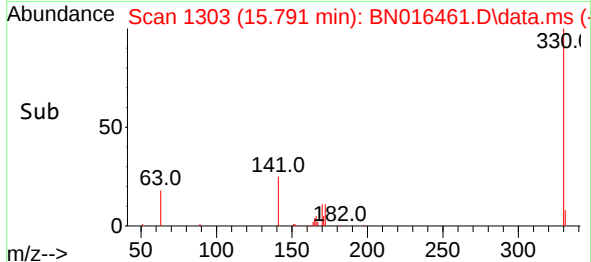
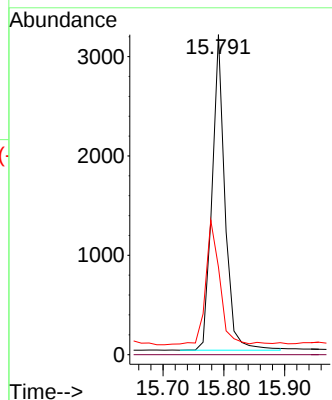
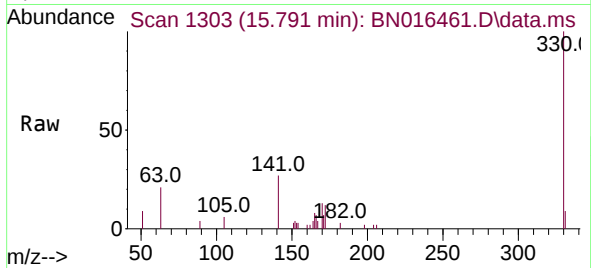




#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

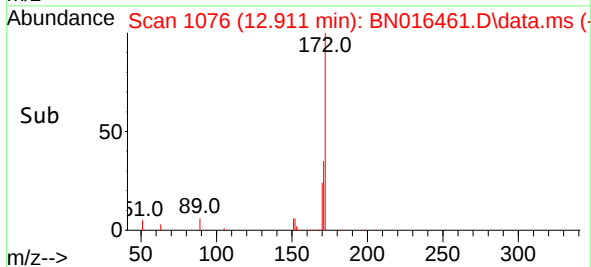
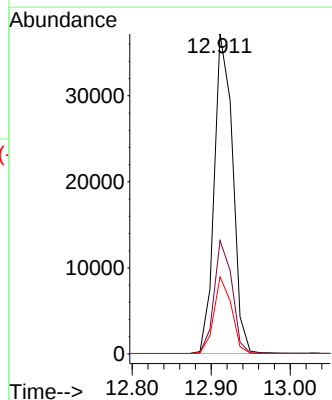
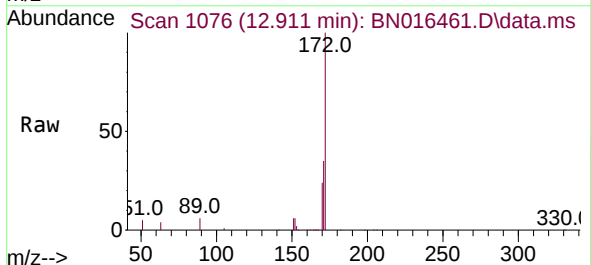
Instrument :
BNA_N
ClientSampleId :

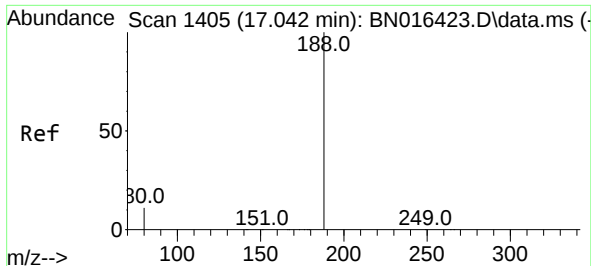
Tgt Ion:330 Resp: 4691
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.7 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

Tgt Ion:172 Resp: 60178
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.1 18.2 27.2

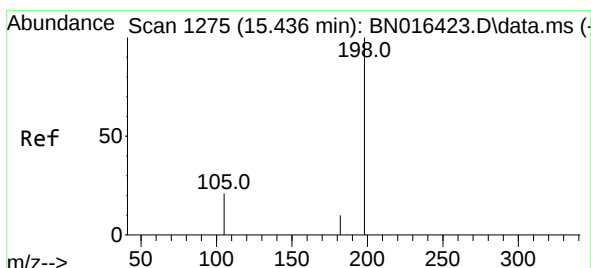
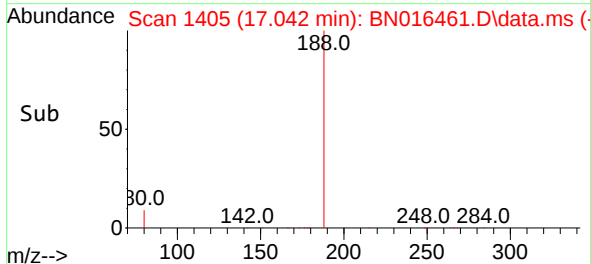
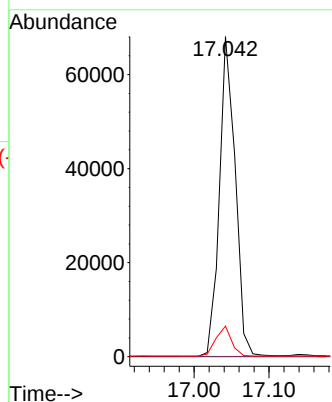
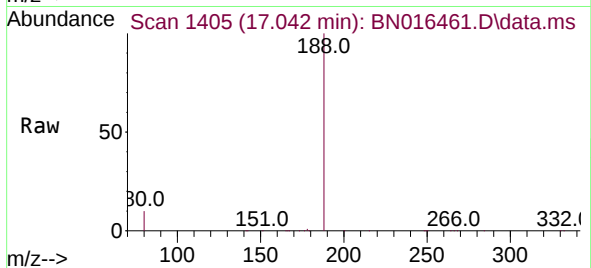




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

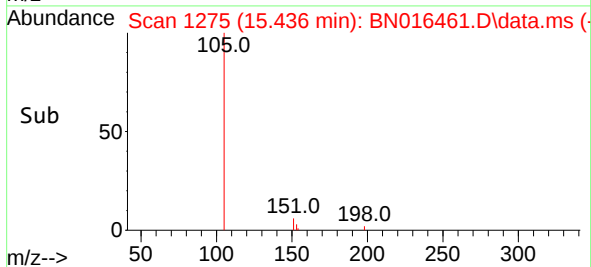
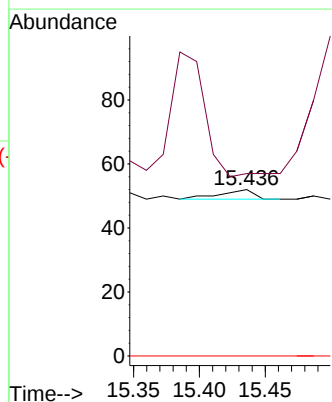
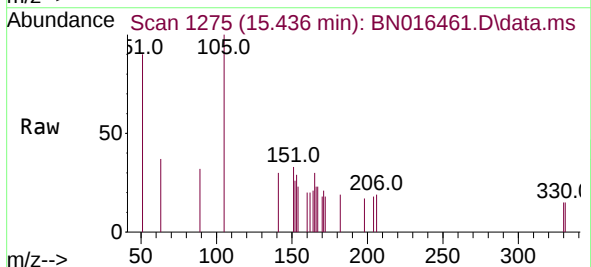
Instrument :
BNA_N
ClientSampleId :

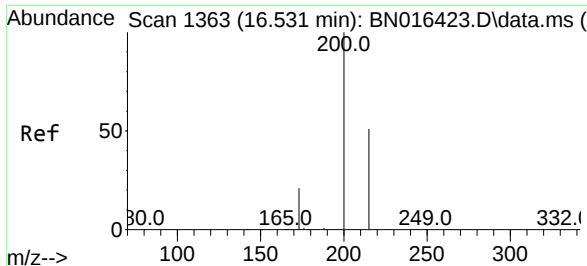
Tgt Ion:188	Resp:	99696
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.5	7.0
		10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

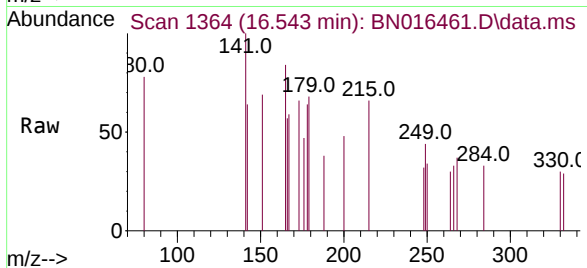
Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
182	109.6	26.6
77	0.0	0.0
		39.8#



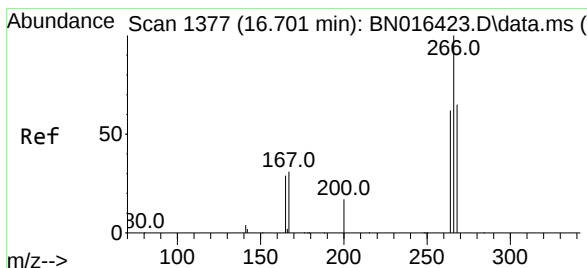
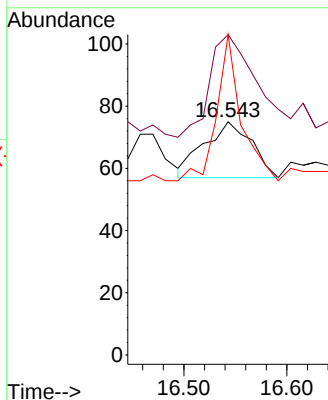
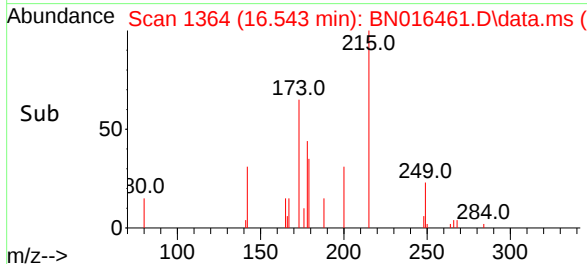


#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

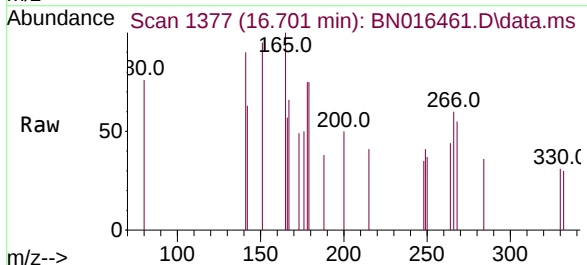
Instrument :
BNA_N
ClientSampleId :



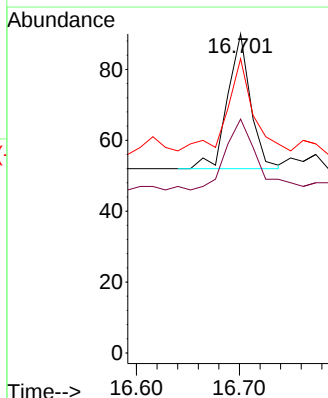
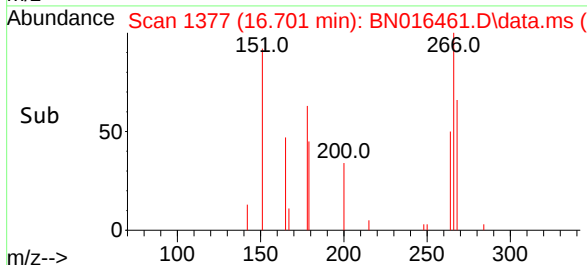
Tgt Ion:200 Resp: 58
Ion Ratio Lower Upper
200 100
173 137.3 18.7 28.1#
215 137.3 41.6 62.4#

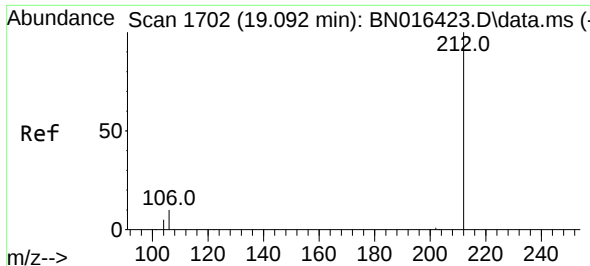


#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37



Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
264 74.1 50.6 75.8
268 75.9 52.6 79.0

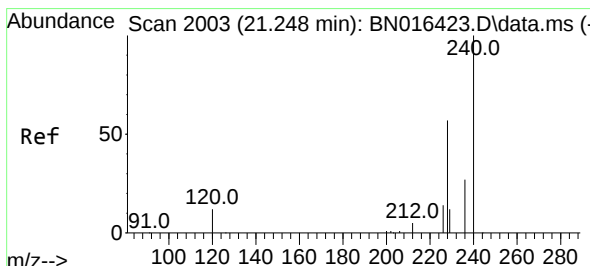
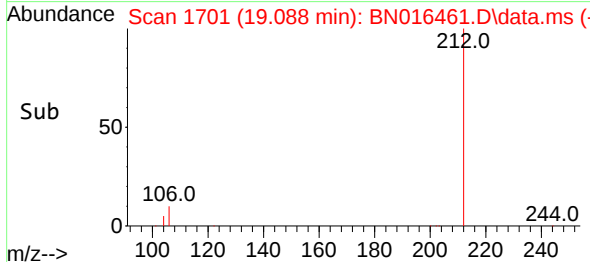
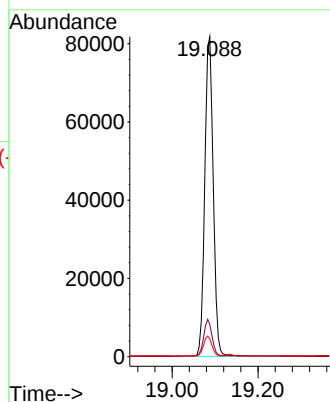
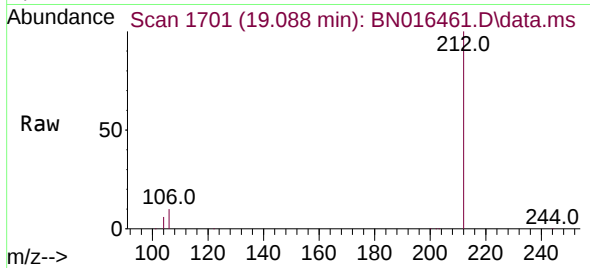




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

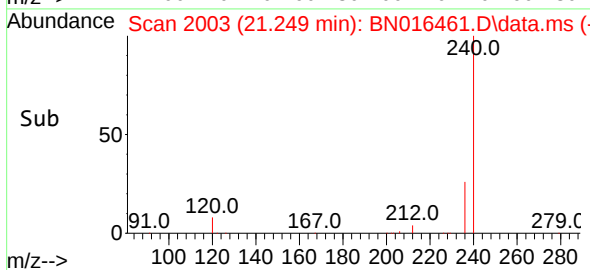
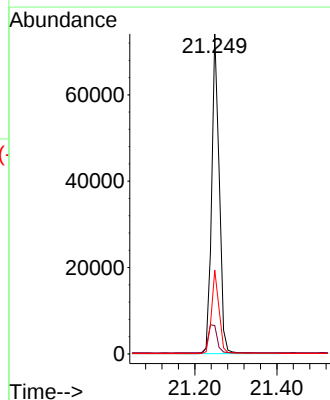
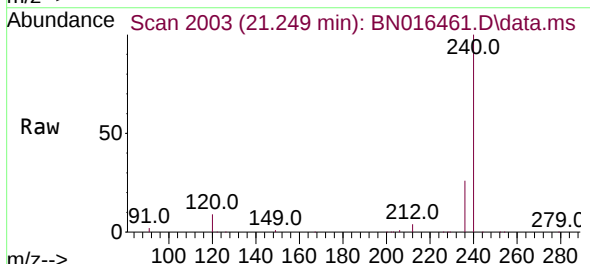
Instrument :
BNA_N
ClientSampleId :

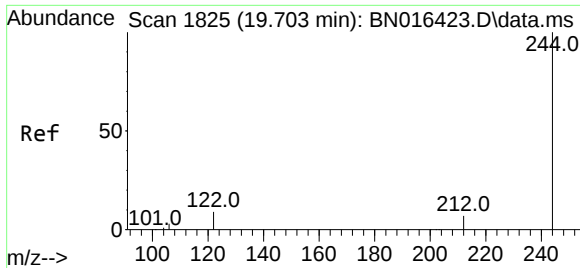
Tgt Ion:212 Resp: 111836
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016461.D
Acq: 25 Sep 2021 06:37

Tgt Ion:240 Resp: 95048
Ion Ratio Lower Upper
240 100
120 8.9 5.3 7.9#
236 26.2 19.8 29.8

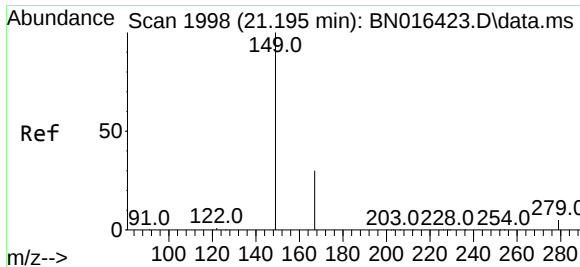
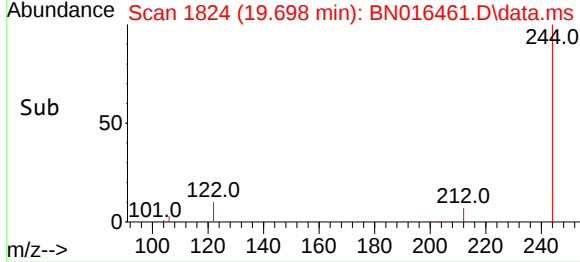
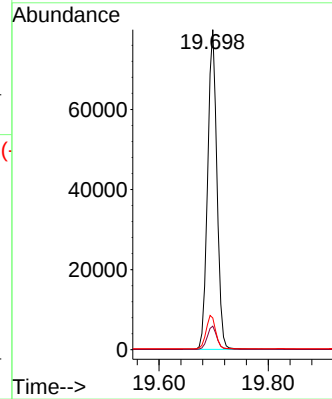
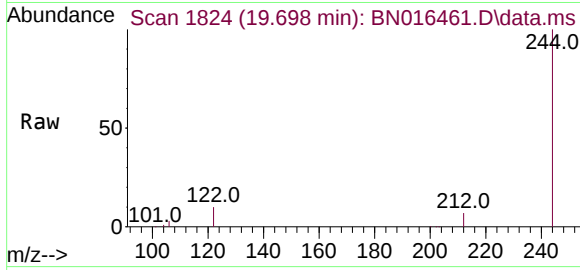




#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016461.D
 Acq: 25 Sep 2021 06:37

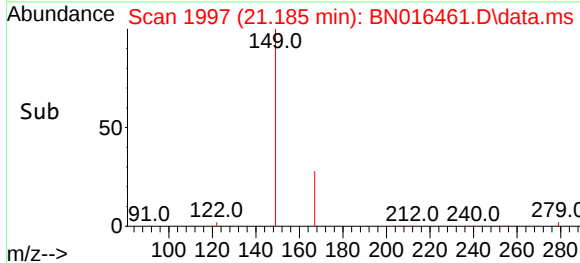
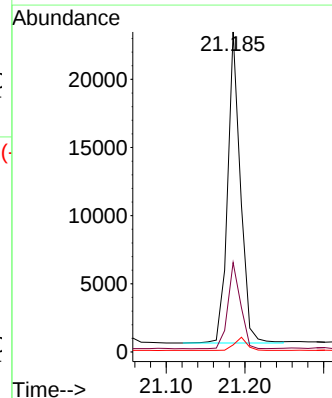
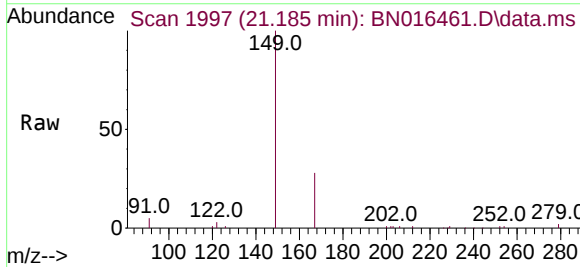
Instrument :
 BNA_N
 ClientSampleId :

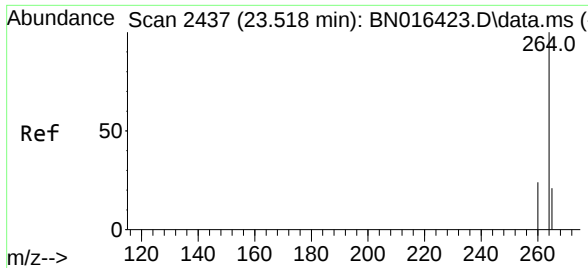
Tgt Ion:244	Resp:	94977
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.5 8.3
122	9.9	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.341 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016461.D
 Acq: 25 Sep 2021 06:37

Tgt Ion:149	Resp:	25649
Ion Ratio	Lower	Upper
149	100	
167	27.5	23.4 35.0
279	4.2	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016461.D
 Acq: 25 Sep 2021 06:37

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264	Resp:	82733
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.9 28.3
265	23.9	23.7 35.5

