

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016499.D
 Acq On : 26 Sep 2021 06:51
 Operator : CG/JU
 Sample : M3833-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 07:43:32 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)

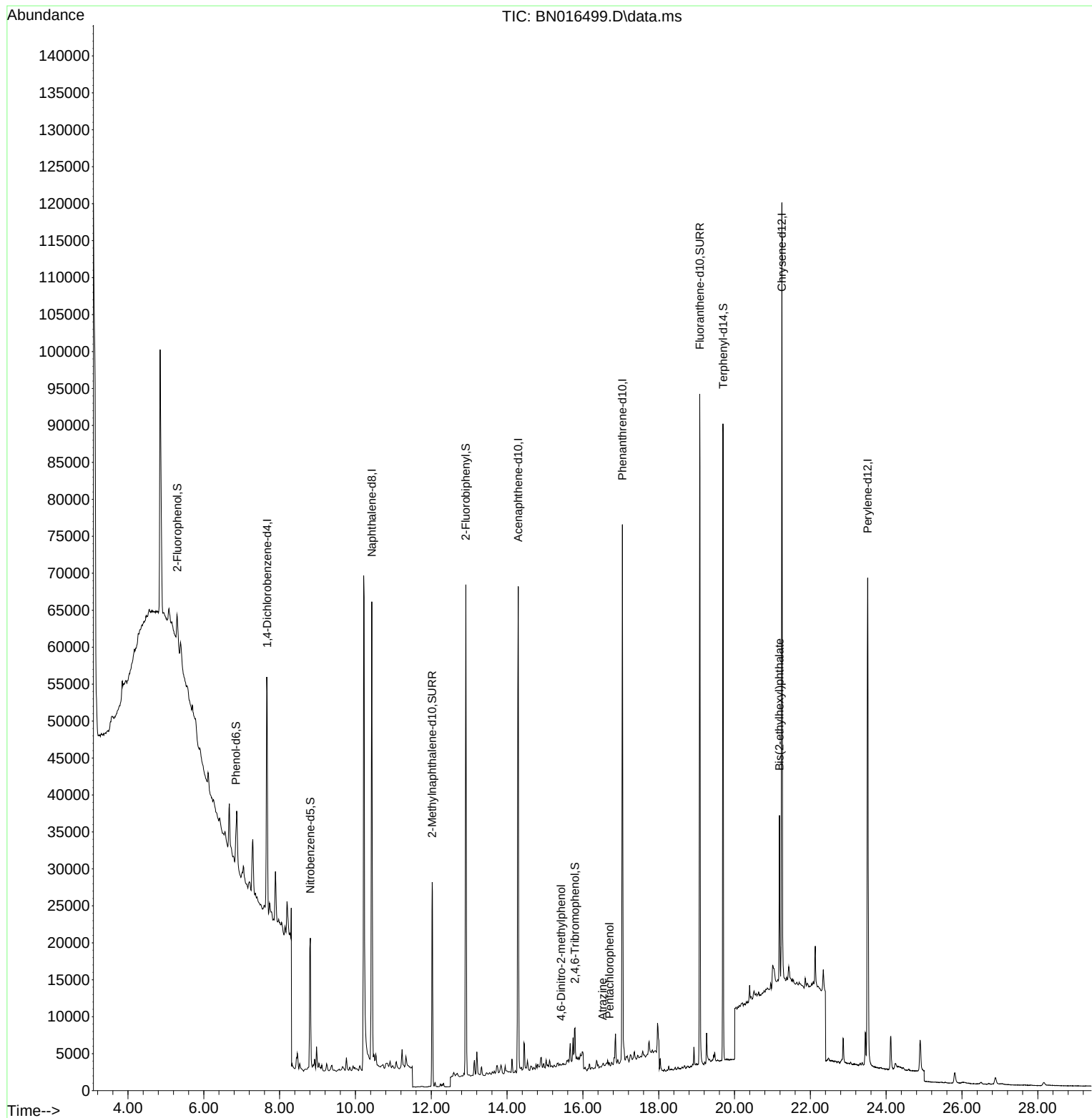
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	18794	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	79589	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	39448	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	90116	0.400	ng	0.00
29) Chrysene-d12	21.249	240	94243	0.400	ng	0.00
35) Perylene-d12	23.512	264	87154	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	5266	0.125	ng	0.02
5) Phenol-d6	6.849	99	4086	0.082	ng	0.00
8) Nitrobenzene-d5	8.810	82	15059	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	36581	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3711	0.377	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	54243	0.327	ng	-0.01
27) Fluoranthene-d10	19.083	212	103555	0.419	ng	0.00
31) Terphenyl-d14	19.698	244	87097	0.398	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.423	198	49	0.152	ng	# 1
23) Atrazine	16.519	200	251	0.140	ng	# 9
24) Pentachlorophenol	16.701	266	195	0.252	ng	93
34) Bis(2-ethylhexyl)phtha...	21.185	149	20115	0.270	ng	96

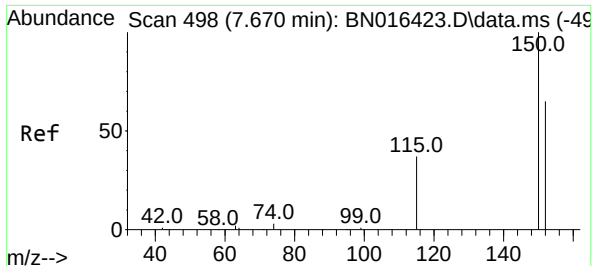
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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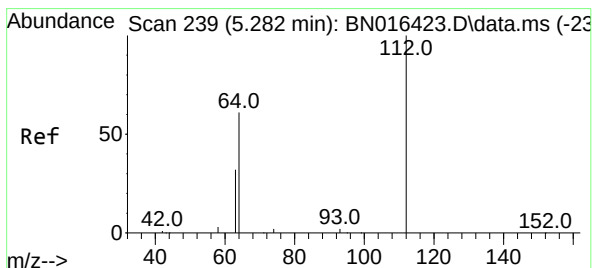
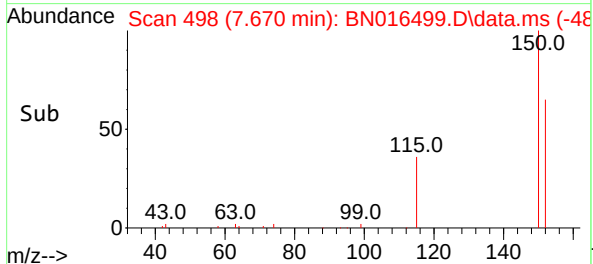
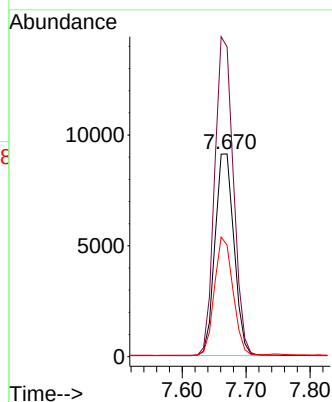
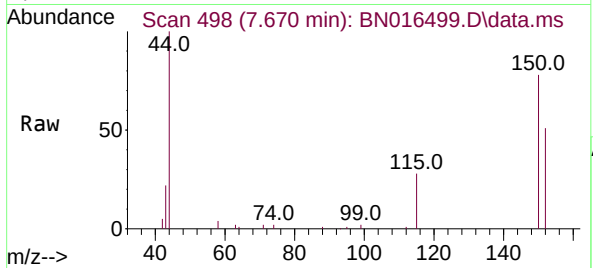




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

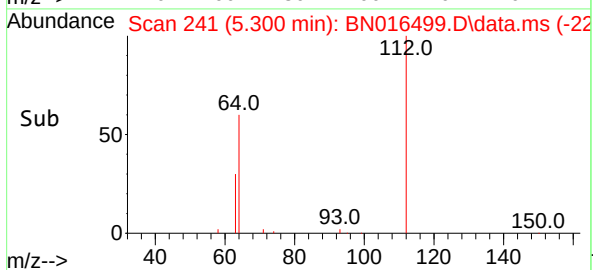
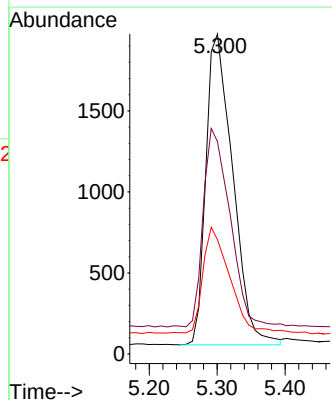
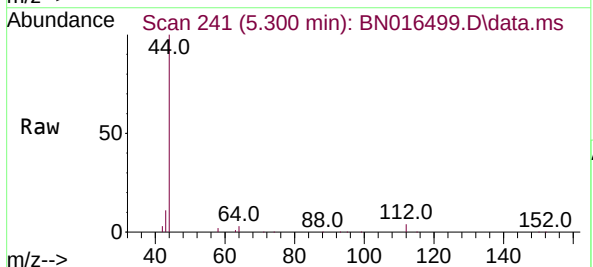
Instrument :
BNA_N
ClientSampleId :

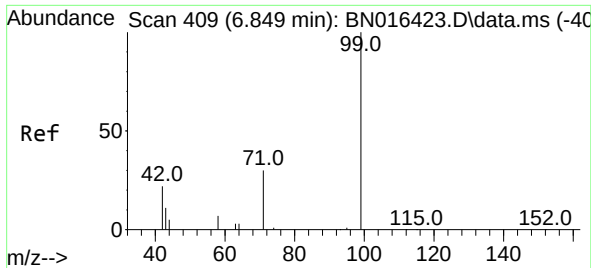
Tgt Ion:152 Resp: 18794
Ion Ratio Lower Upper
152 100
150 152.7 125.6 188.4
115 55.0 50.2 75.2



#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion:112 Resp: 5266
Ion Ratio Lower Upper
112 100
64 63.5 47.3 70.9
63 33.3 23.4 35.0

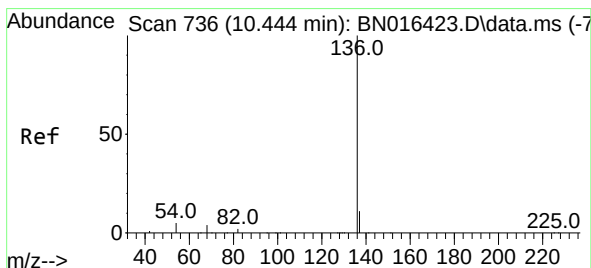
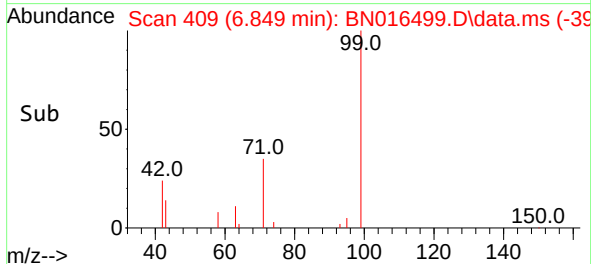
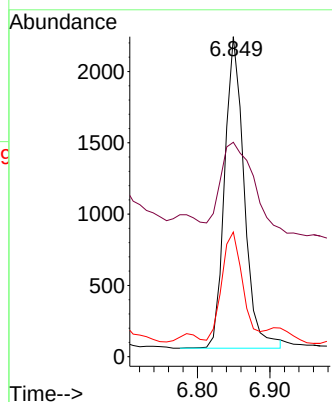
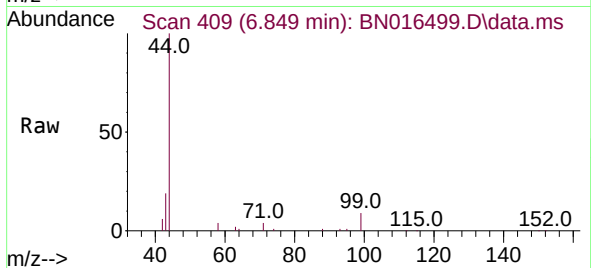




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

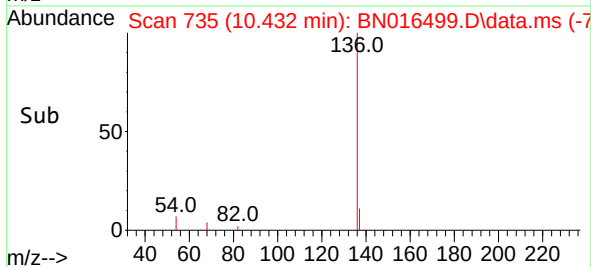
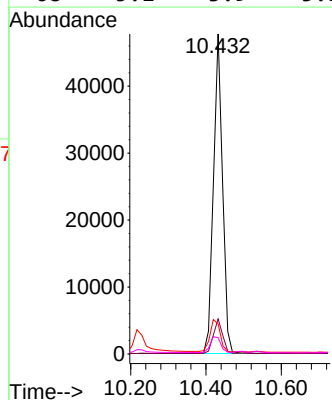
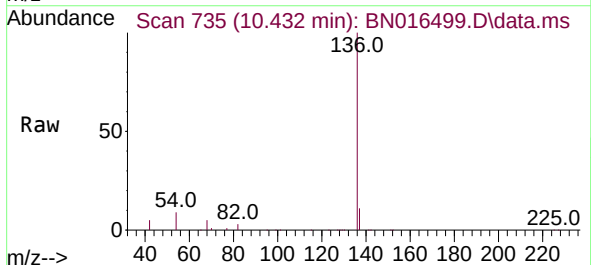
Instrument :
BNA_N
ClientSampleId :

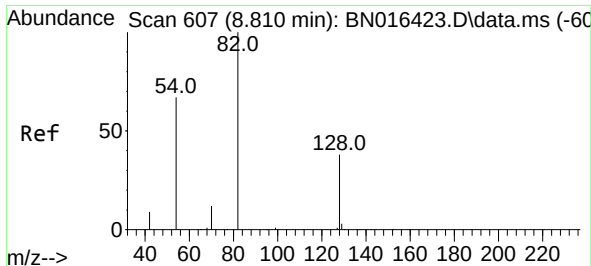
Tgt Ion: 99 Resp: 4086
Ion Ratio Lower Upper
99 100
42 43.8 14.0 21.0#
71 36.8 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion: 136 Resp: 79589
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 5.3 7.9#
68 5.1 3.9 5.9

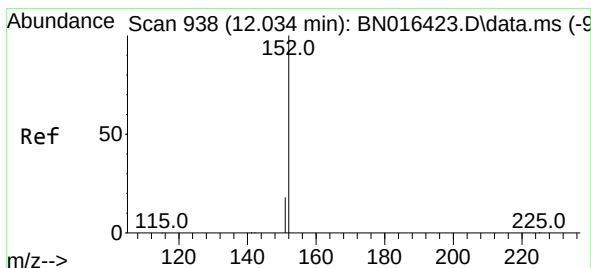
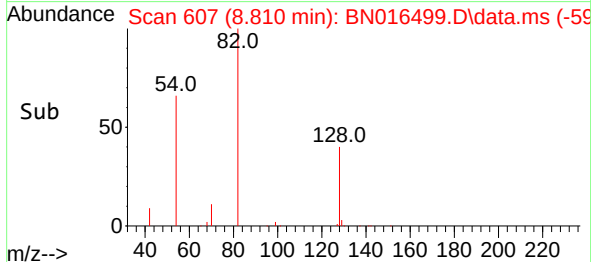
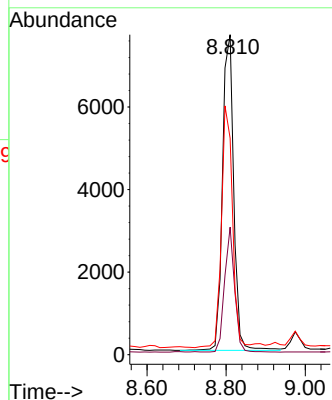
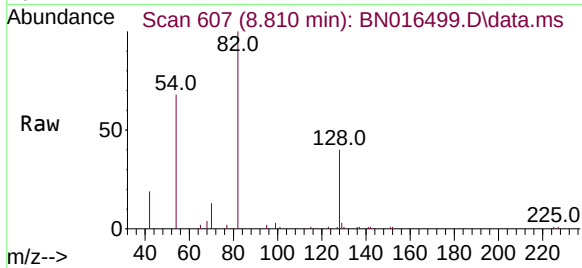




#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

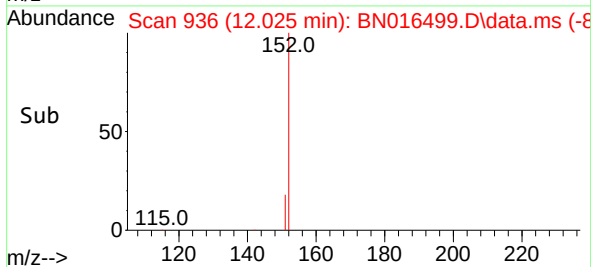
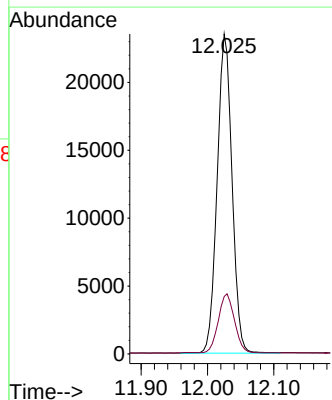
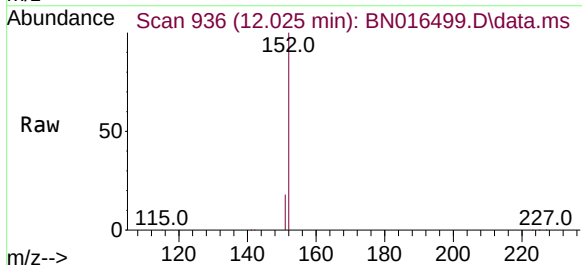
Instrument :
BNA_N
ClientSampleId :

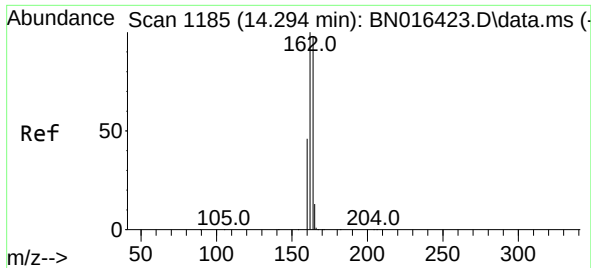
Tgt Ion: 82 Resp: 15059
Ion Ratio Lower Upper
82 100
128 39.9 31.7 47.5
54 67.7 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion: 152 Resp: 36581
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1

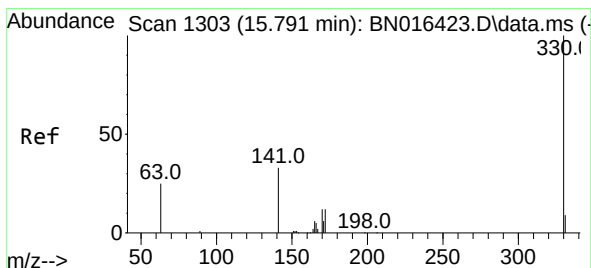
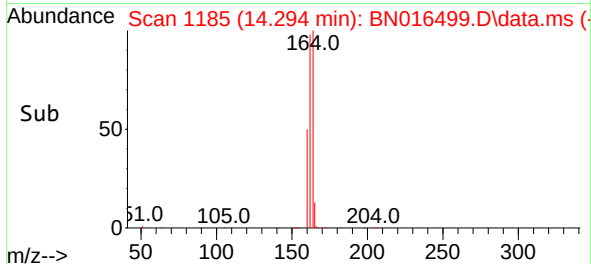
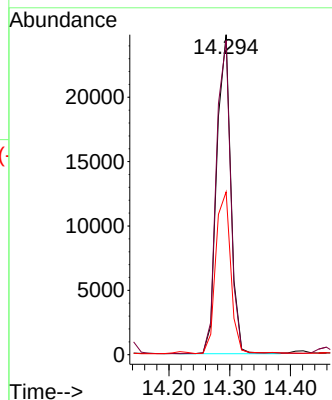
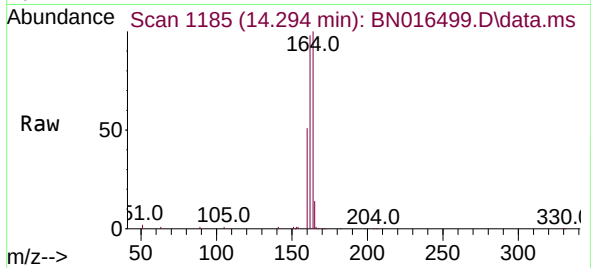




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

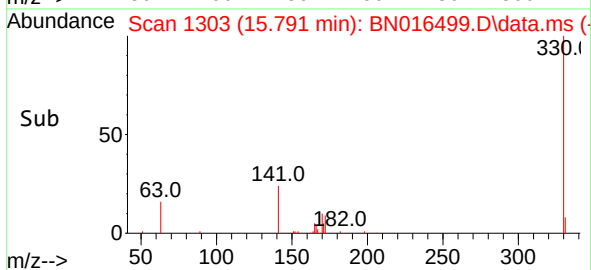
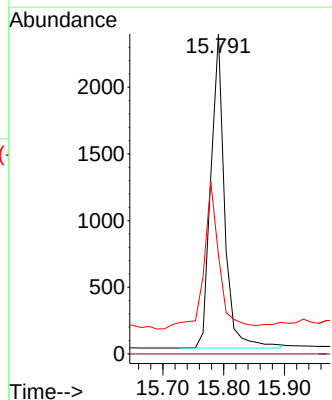
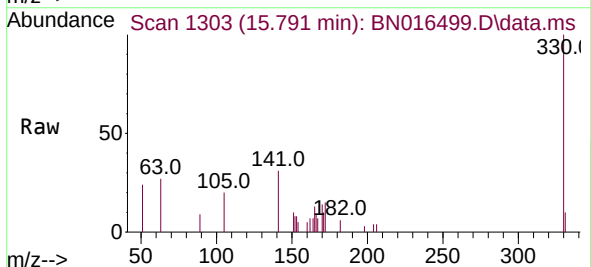
Instrument :
BNA_N
ClientSampled :

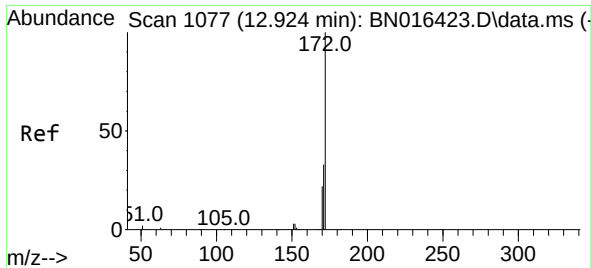
Tgt Ion:164 Resp: 39448
Ion Ratio Lower Upper
164 100
162 98.2 79.0 118.4
160 50.9 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.377 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion:330 Resp: 3711
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.1 25.0 37.4#

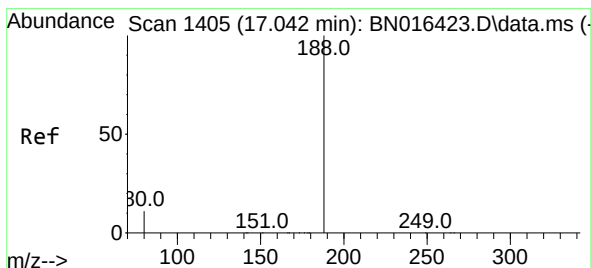
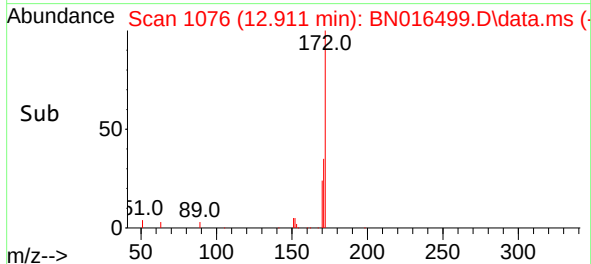
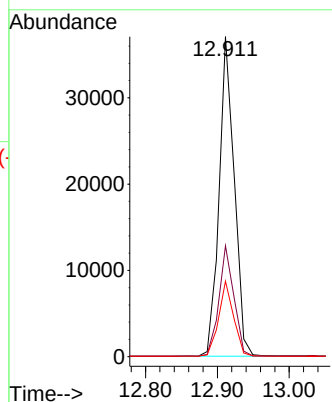
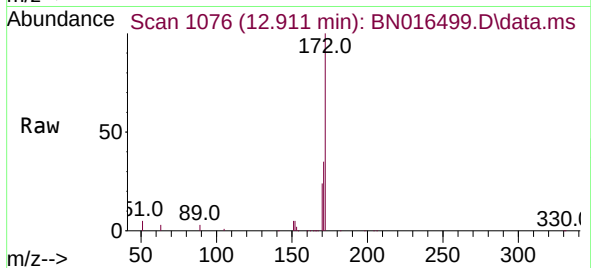




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

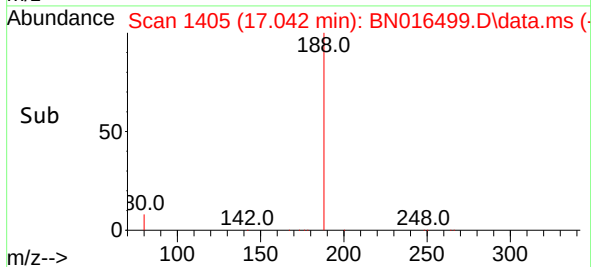
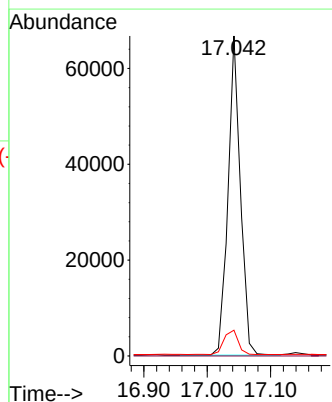
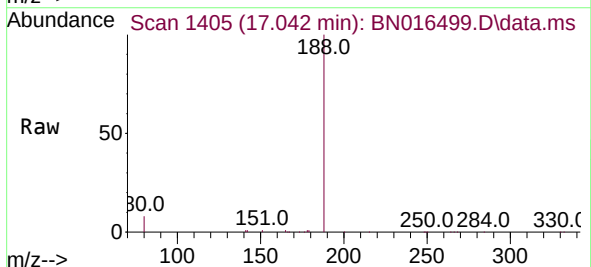
Instrument :
BNA_N
ClientSampleId :

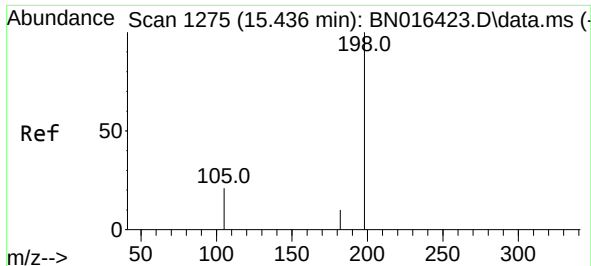
Tgt Ion:172 Resp: 54243
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.6 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion:188 Resp: 90116
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.6

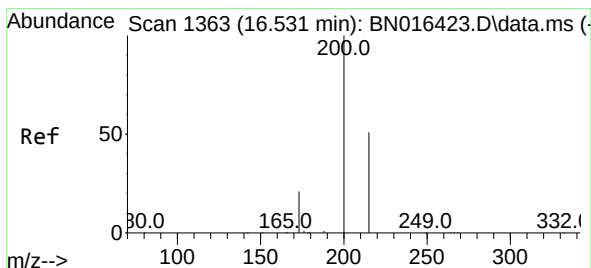
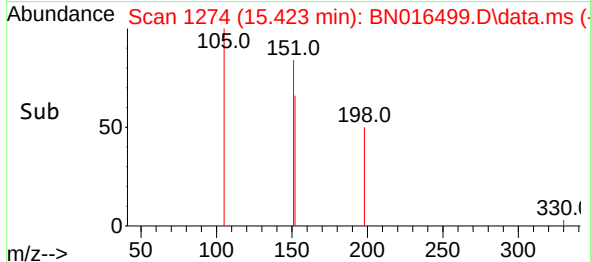
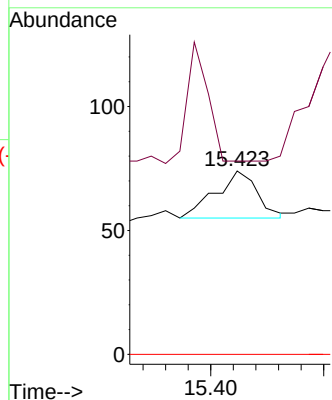
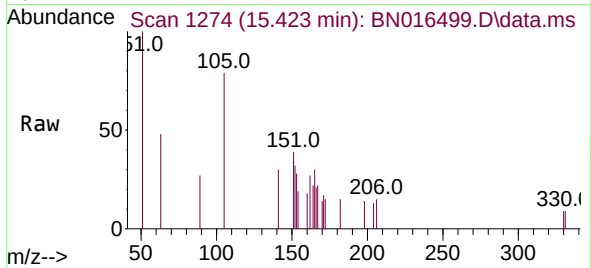




#20
4,6-Dinitro-2-methylphenol
Concen: 0.152 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

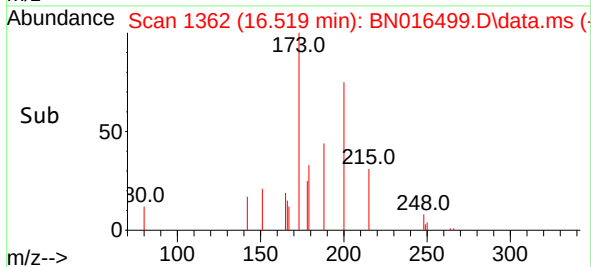
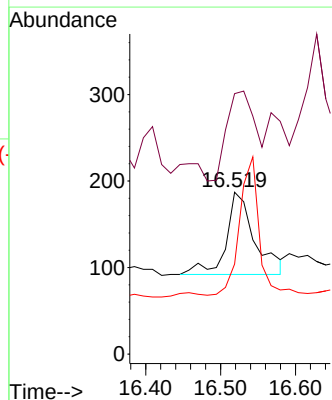
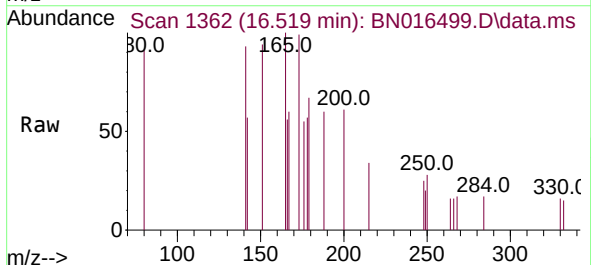
Instrument :
BNA_N
ClientSampled :

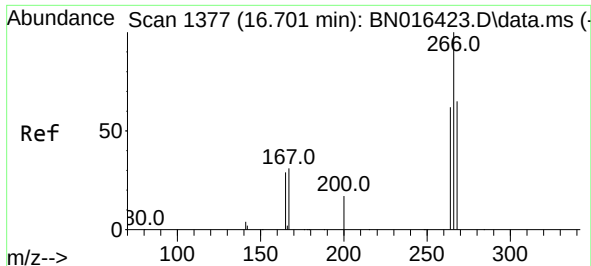
Tgt Ion:198 Resp: 49
Ion Ratio Lower Upper
198 100
182 105.4 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.140 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion:200 Resp: 251
Ion Ratio Lower Upper
200 100
173 161.0 18.7 28.1#
215 55.6 41.6 62.4

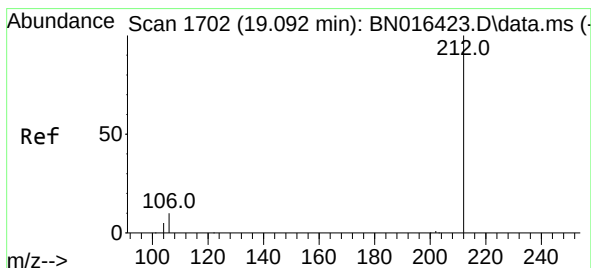
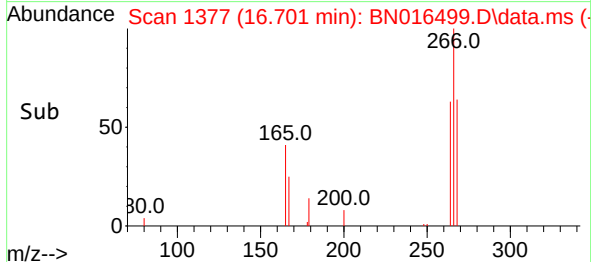
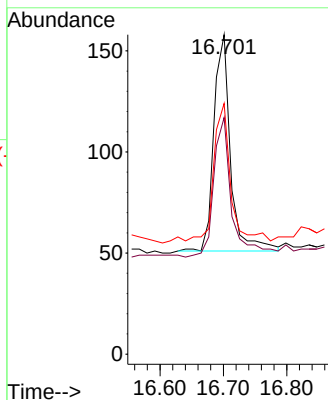
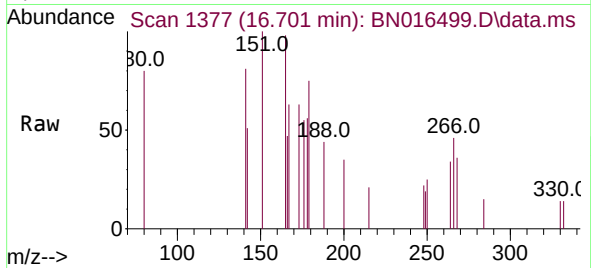




#24
Pentachlorophenol
Concen: 0.252 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

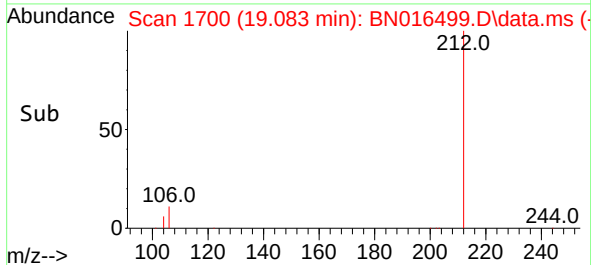
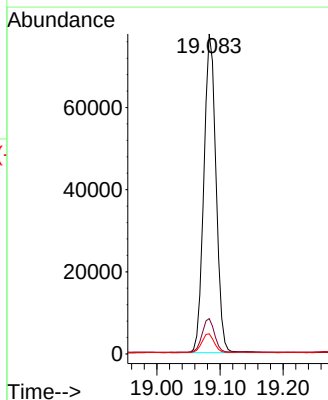
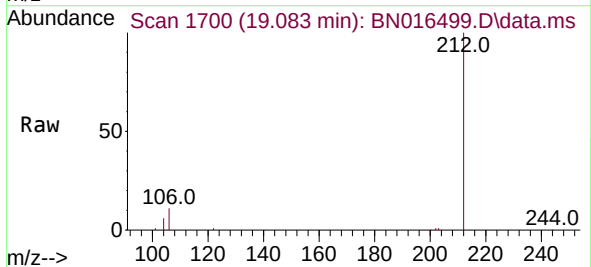
Instrument :
BNA_N
ClientSampleId :

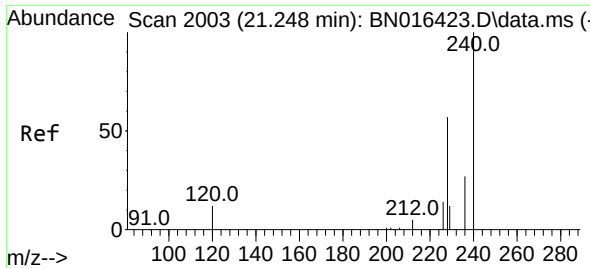
Tgt Ion:	266	Resp:	195
Ion Ratio	Lower	Upper	
266	100		
264	70.8	50.6	75.8
268	62.6	52.6	79.0



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion:	212	Resp:	103555
Ion Ratio	Lower	Upper	
212	100		
106	10.7	9.8	14.6
104	6.0	5.4	8.2

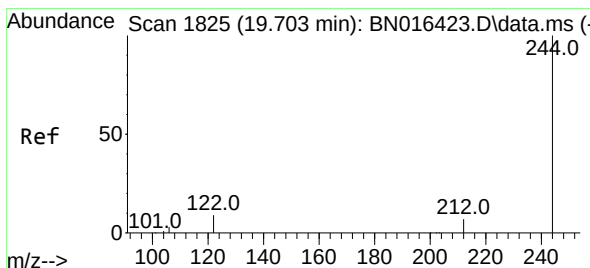
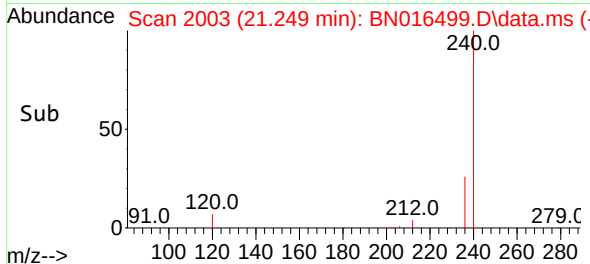
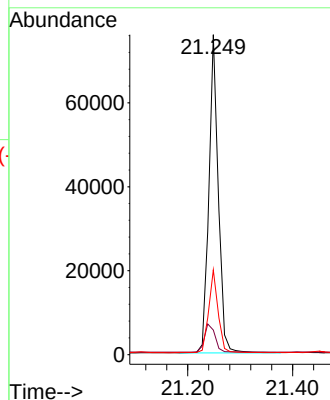
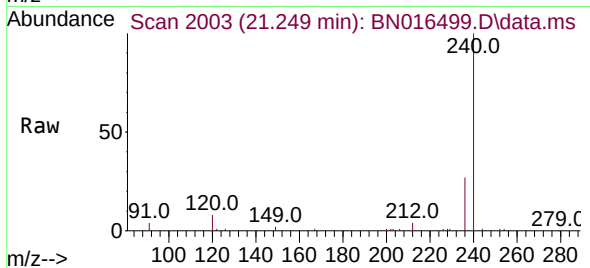




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

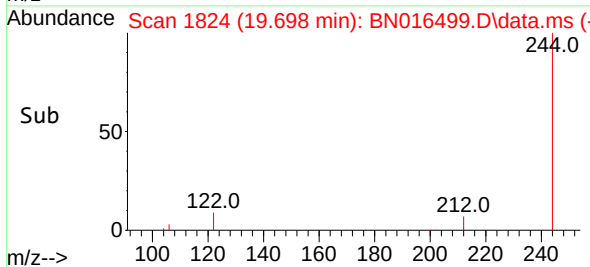
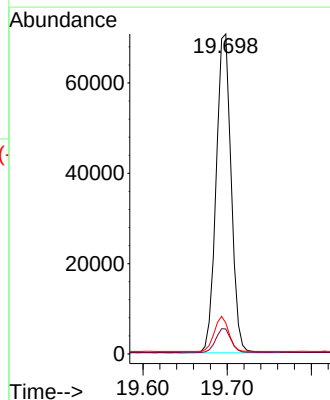
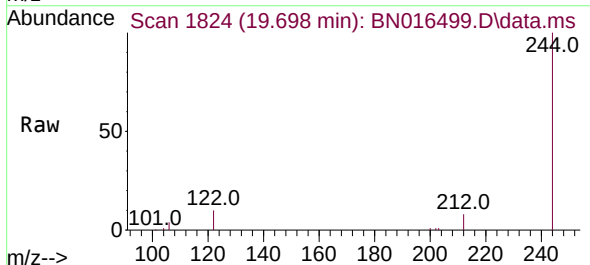
Instrument :
BNA_N
ClientSampleId :

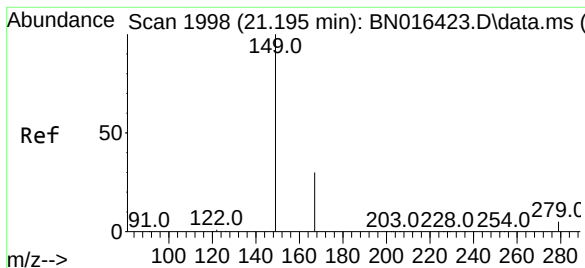
Tgt Ion:240 Resp: 94243
Ion Ratio Lower Upper
240 100
120 7.7 5.3 7.9
236 26.5 19.8 29.8



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion:244 Resp: 87097
Ion Ratio Lower Upper
244 100
212 7.8 5.5 8.3
122 9.7 9.0 13.4

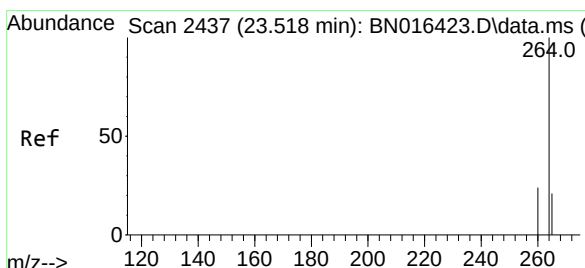
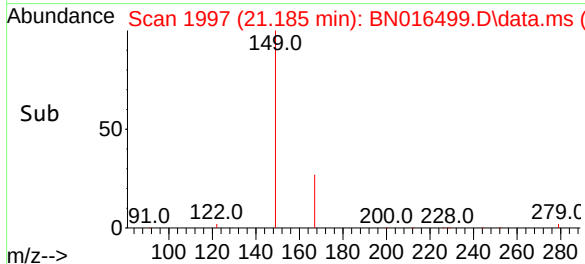
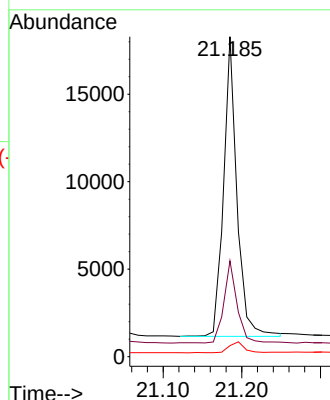
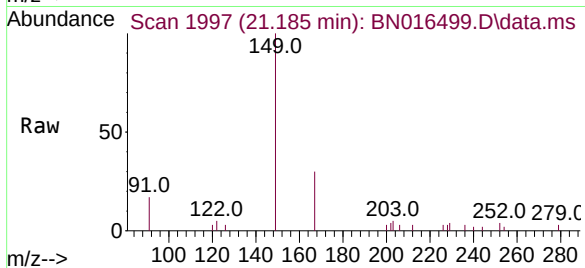




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.270 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149	Resp:	20115
Ion Ratio	Lower	Upper
149	100	
167	26.8	23.4 35.0
279	4.4	3.9 5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016499.D
Acq: 26 Sep 2021 06:51

Tgt Ion:264	Resp:	87154
Ion Ratio	Lower	Upper
264	100	
260	24.8	18.9 28.3
265	23.1	23.7 35.5#

