

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016480.D
 Acq On : 25 Sep 2021 18:08
 Operator : CG/JU
 Sample : M3833-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:15:37 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)

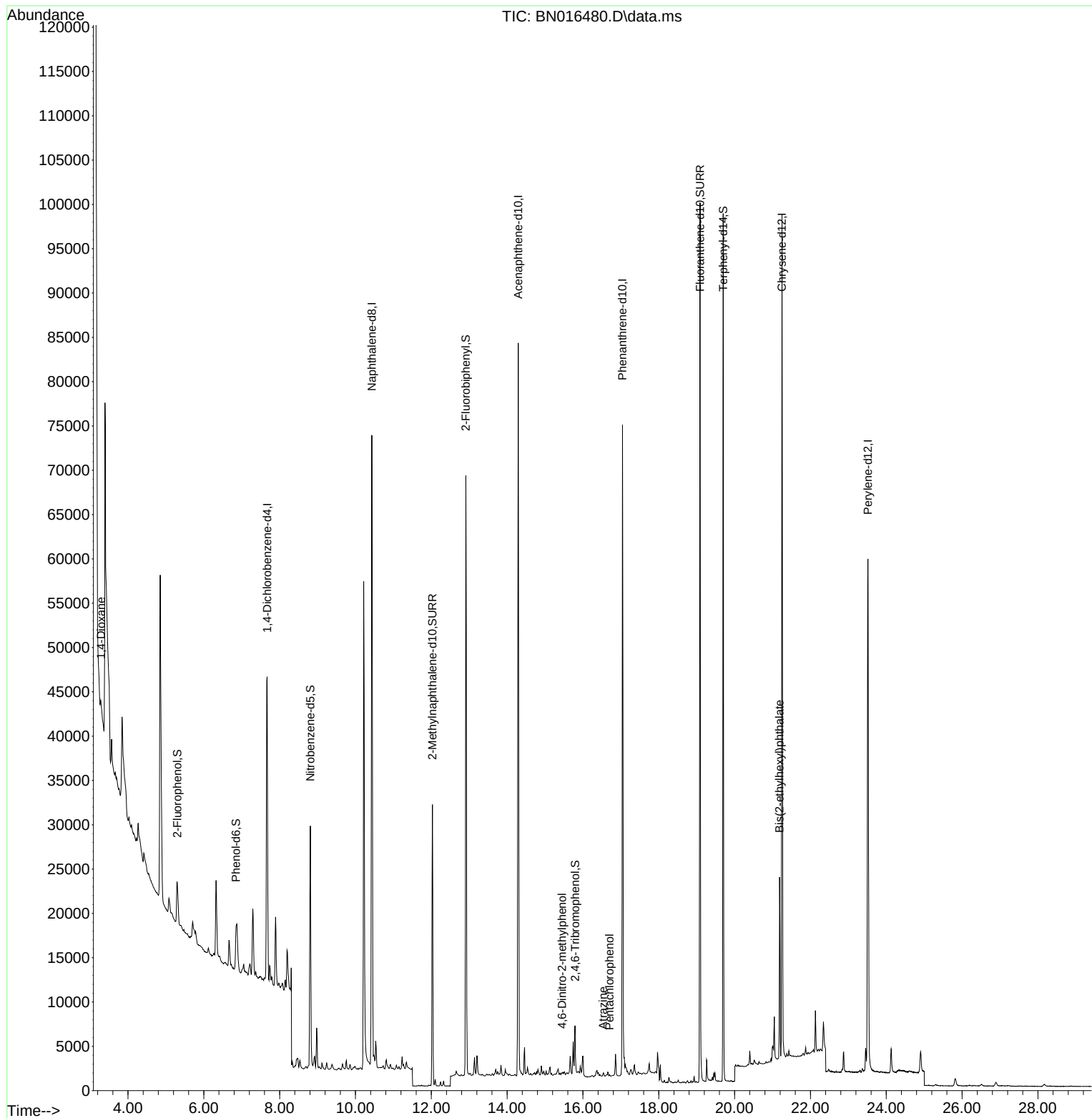
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21301	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	92013	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	46697	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	95013	0.400	ng	0.00
29) Chrysene-d12	21.249	240	91196	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	78949	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6423	0.134	ng	0.02
5) Phenol-d6	6.849	99	4347	0.077	ng	0.00
8) Nitrobenzene-d5	8.810	82	21151	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	42717	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4040	0.357	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	59697	0.304	ng	-0.01
27) Fluoranthene-d10	19.088	212	112425	0.431	ng	0.00
31) Terphenyl-d14	19.698	244	94571	0.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	730	0.080	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.449	198	4	0.148	ng	# 1
23) Atrazine	16.531	200	41	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	55	0.246	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.185	149	19770	0.274	ng	97

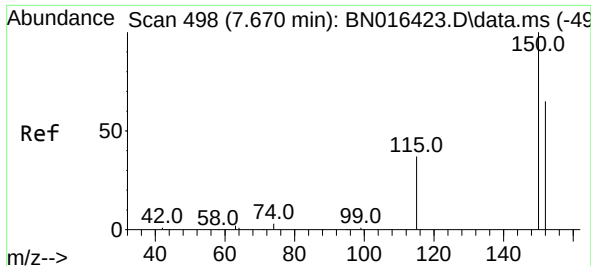
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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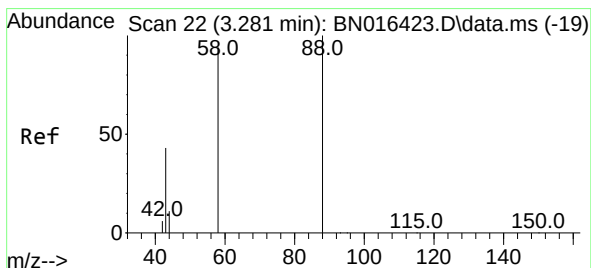
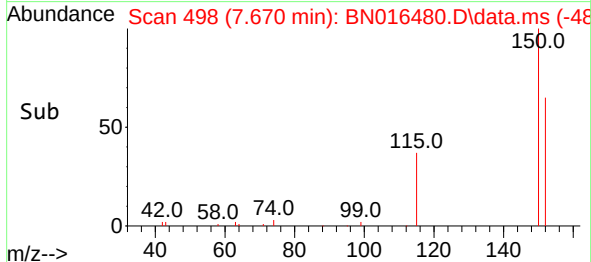
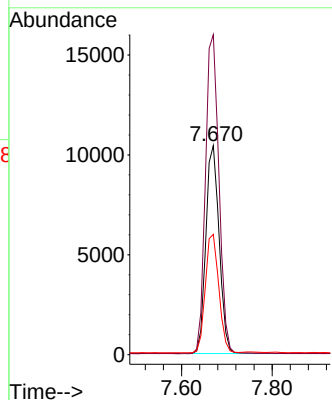
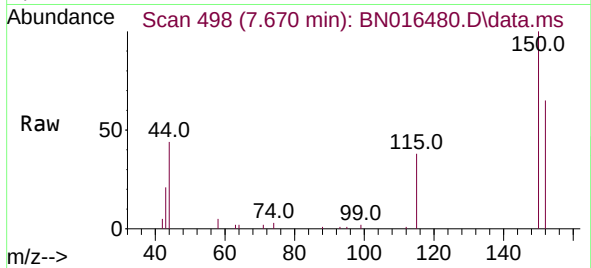




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016480.D
 Acq: 25 Sep 2021 18:08

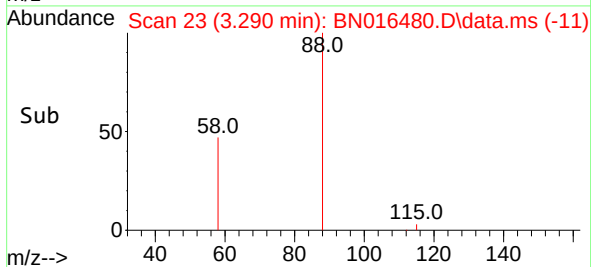
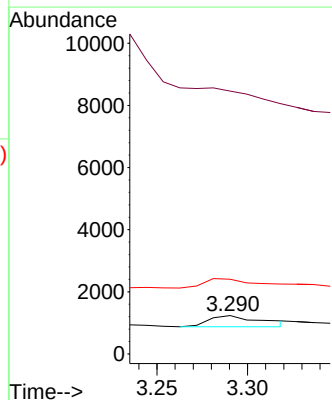
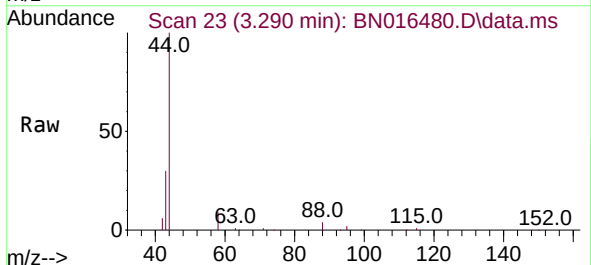
Instrument :
 BNA_N
 ClientSampled :

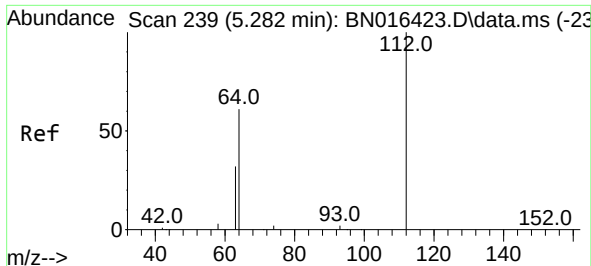
Tgt Ion:152 Resp: 21301
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.6 188.4
 115 57.5 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.080 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016480.D
 Acq: 25 Sep 2021 18:08

Tgt Ion: 88 Resp: 730
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.3 30.5#
 58 84.1 69.9 104.9

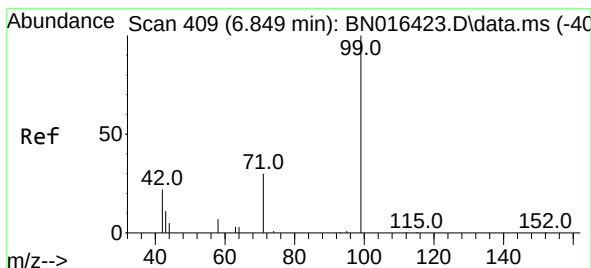
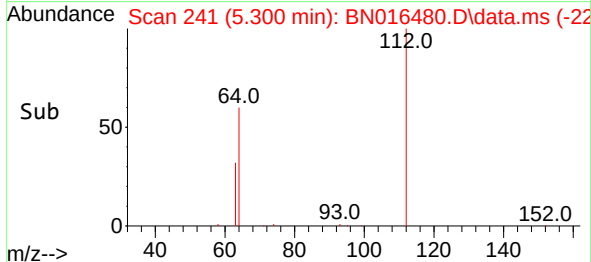
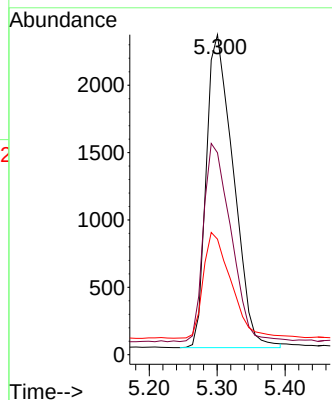
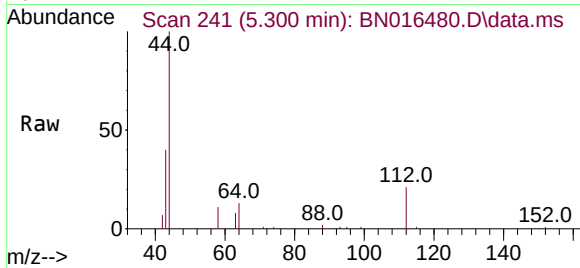




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

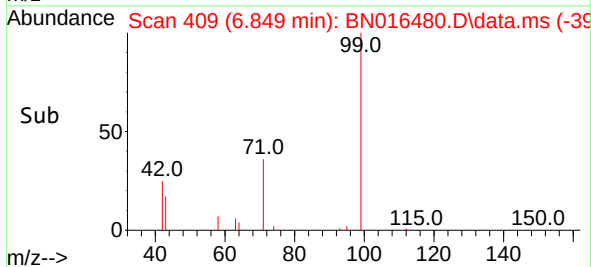
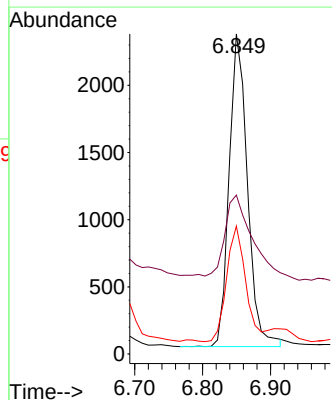
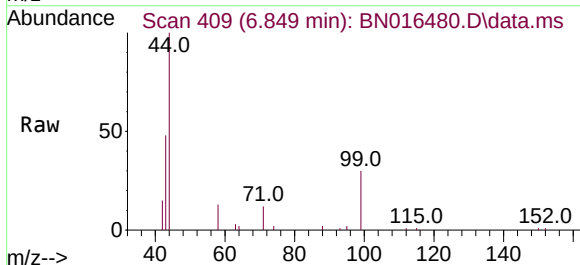
Instrument :
BNA_N
ClientSampled :

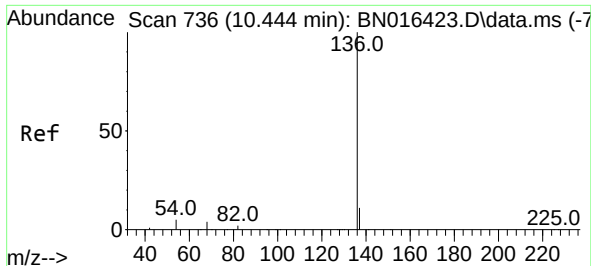
Tgt Ion: 112 Resp: 6423
Ion Ratio Lower Upper
112 100
64 64.1 47.3 70.9
63 34.7 23.4 35.0



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

Tgt Ion: 99 Resp: 4347
Ion Ratio Lower Upper
99 100
42 36.6 14.0 21.0#
71 39.5 23.8 35.6#

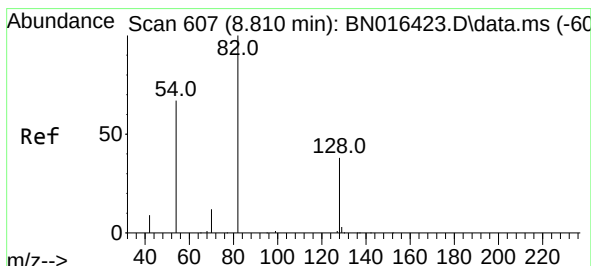
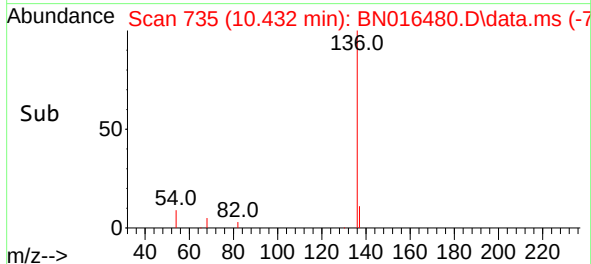
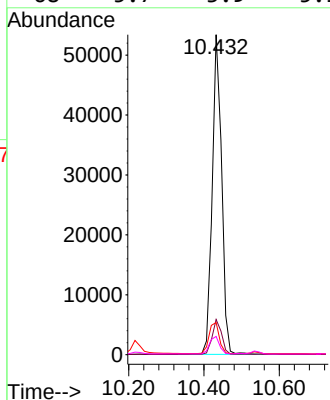
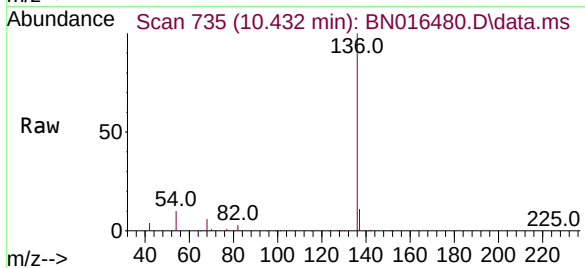




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

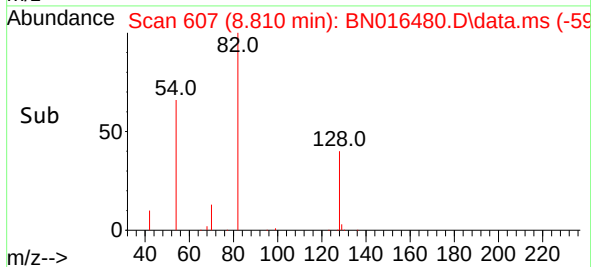
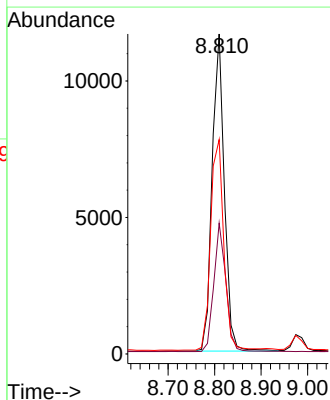
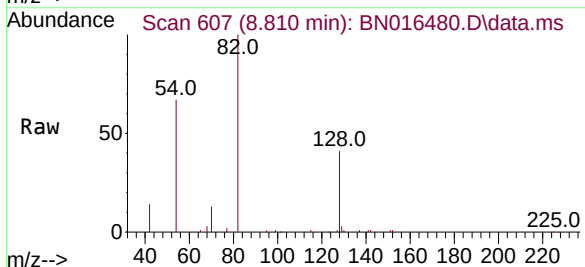
Instrument :
BNA_N
ClientSampleId :

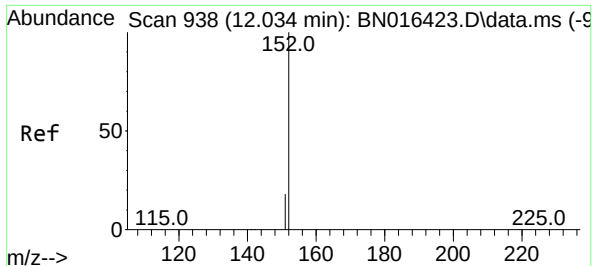
Tgt Ion:	136	Resp:	92013
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	5.3	7.9#
68	5.7	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

Tgt Ion:	82	Resp:	21151
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.7	47.5
54	67.0	46.4	69.6

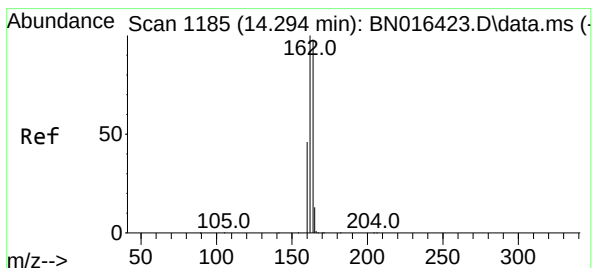
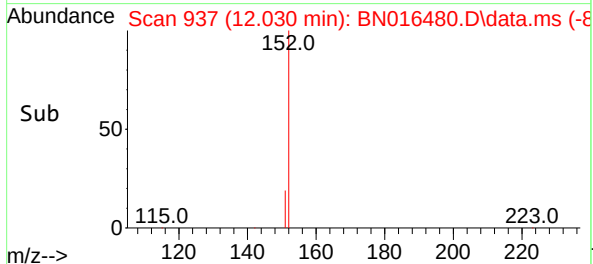
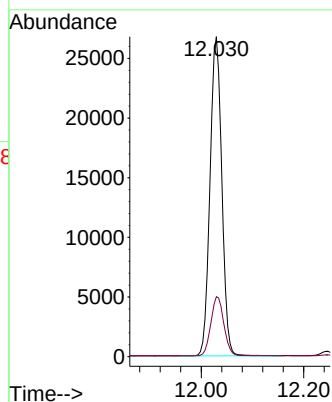
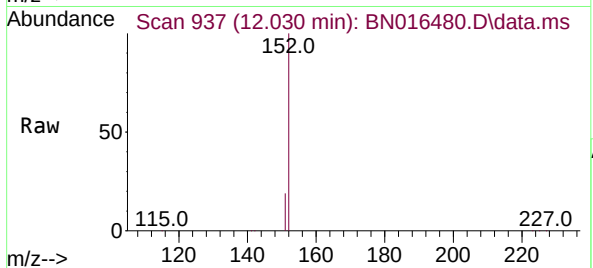




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

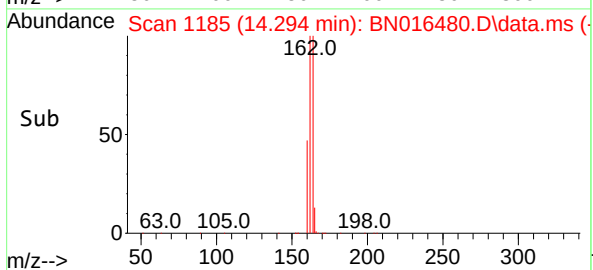
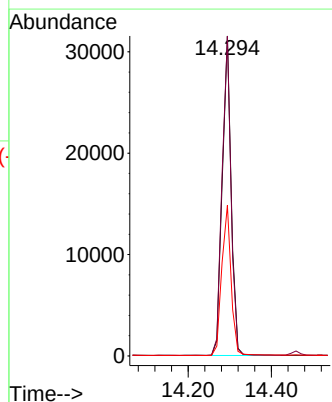
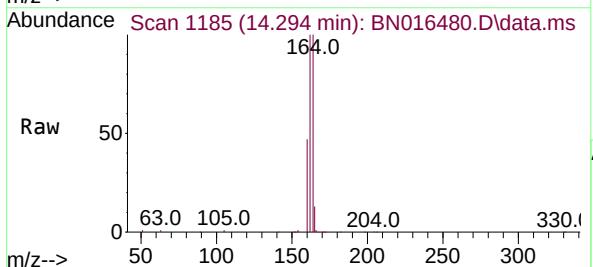
Instrument :
BNA_N
ClientSampled :

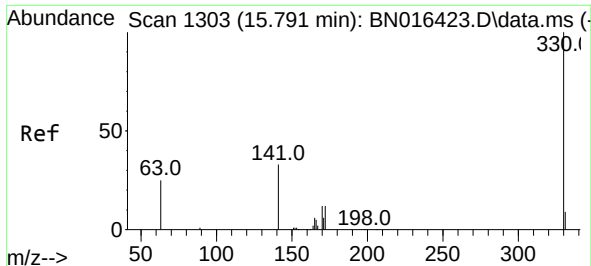
Tgt Ion:152 Resp: 42717
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

Tgt Ion:164 Resp: 46697
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.4
160 47.1 34.1 51.1

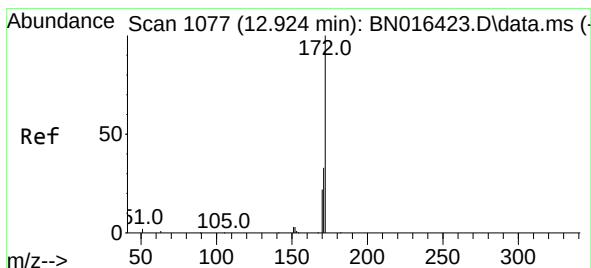
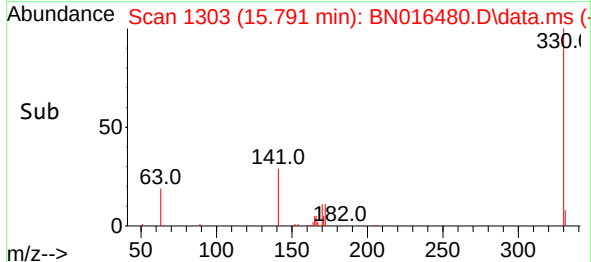
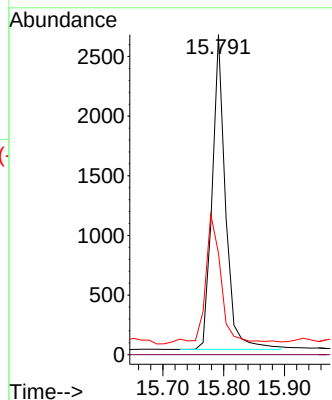
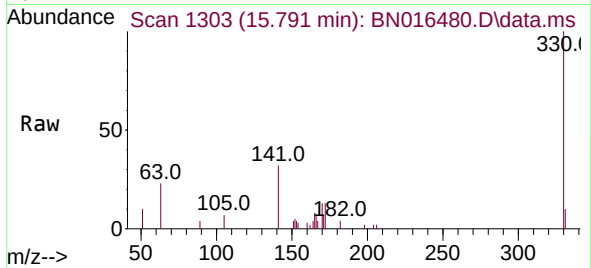




#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

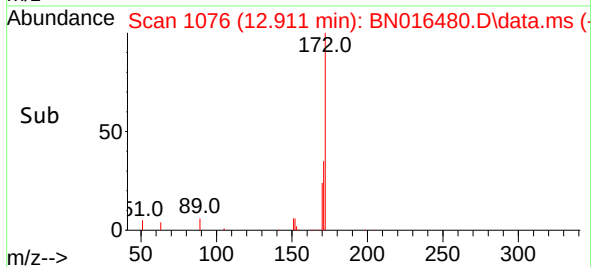
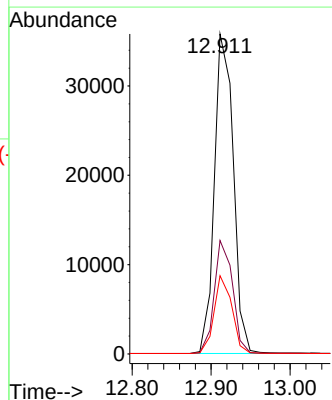
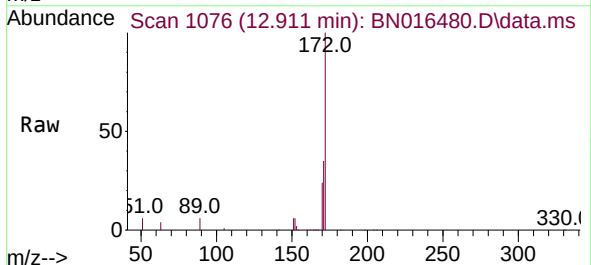
Instrument :
BNA_N
ClientSampled :

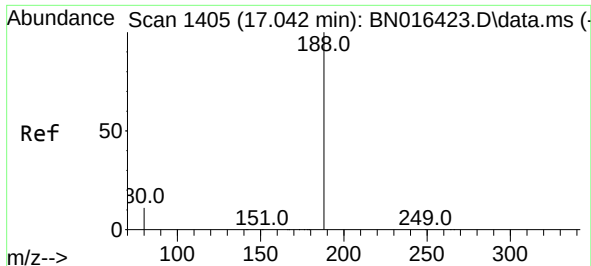
Tgt Ion:330 Resp: 4040
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

Tgt Ion:172 Resp: 59697
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.5 18.2 27.2

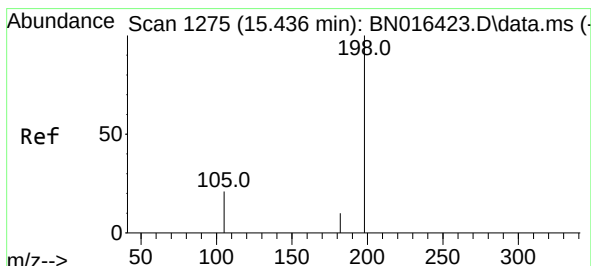
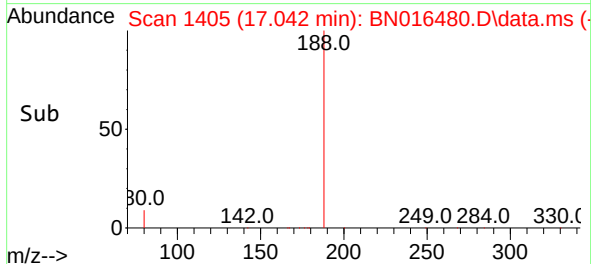
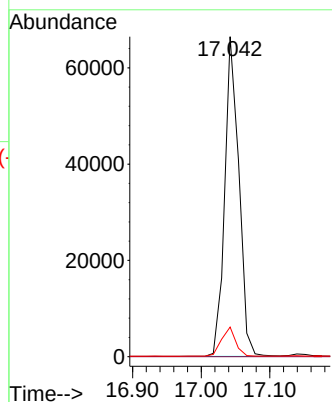
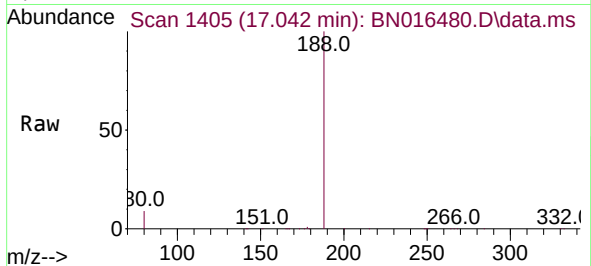




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

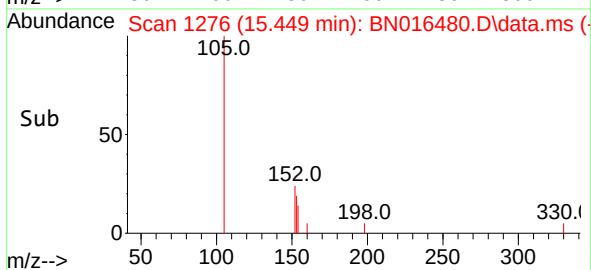
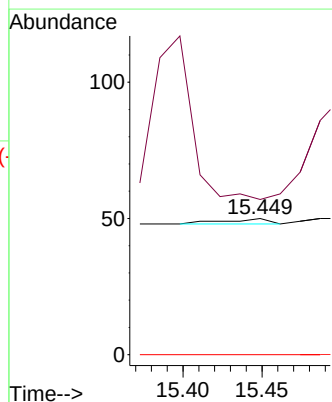
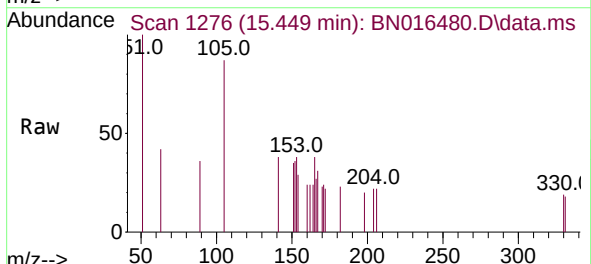
Instrument :
BNA_N
ClientSampleId :

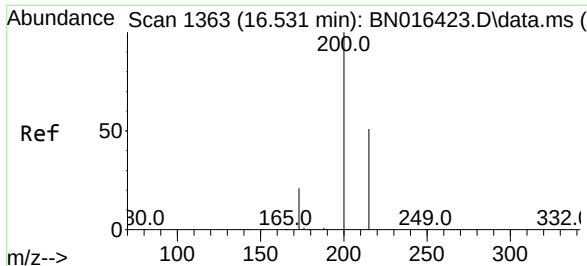
Tgt Ion:188 Resp: 95013
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

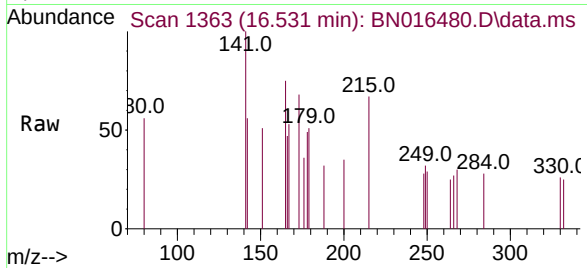
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 114.0 26.6 39.8#
77 0.0 0.0 0.0



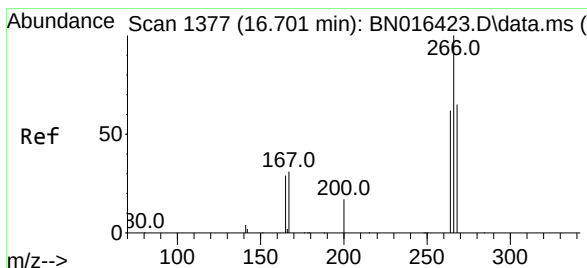
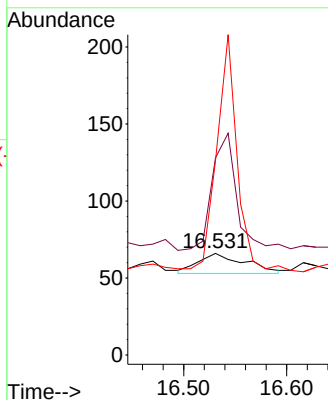
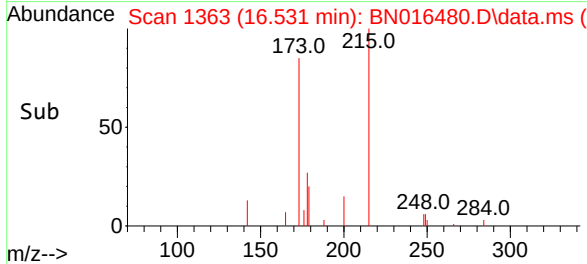


#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

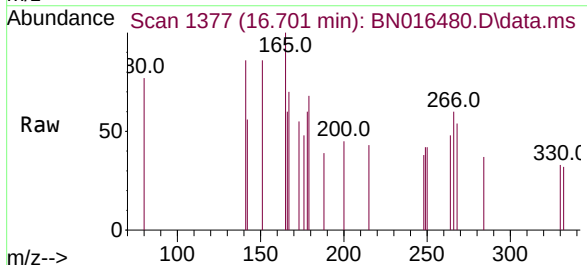
Instrument :
BNA_N
ClientSampleId :



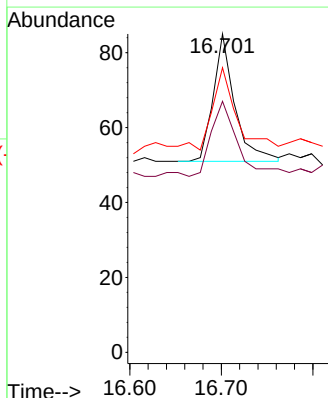
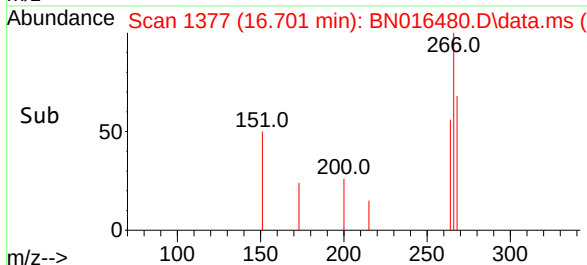
Tgt Ion:200 Resp: 41
Ion Ratio Lower Upper
200 100
173 193.9 18.7 28.1#
215 190.9 41.6 62.4#

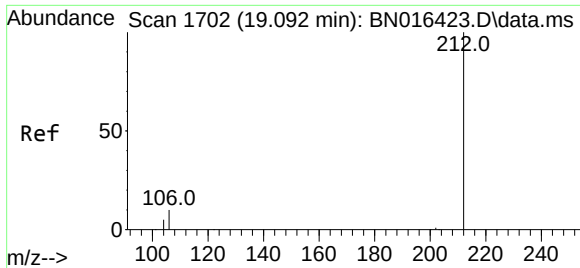


#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08



Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
264 76.4 50.6 75.8#
268 67.3 52.6 79.0

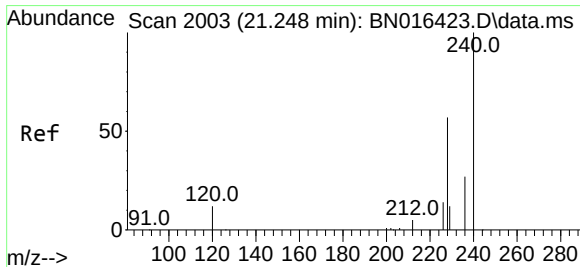
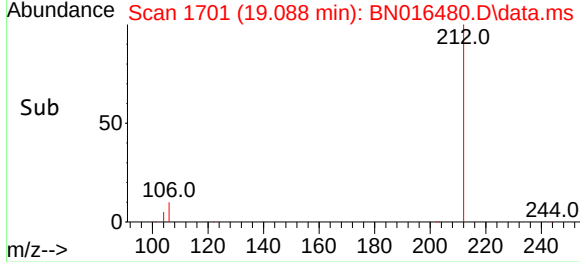
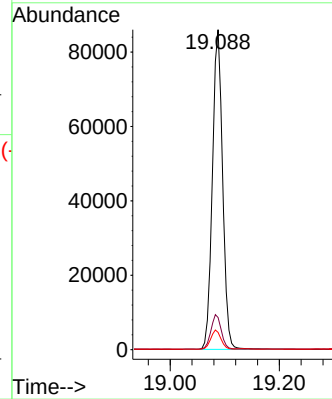
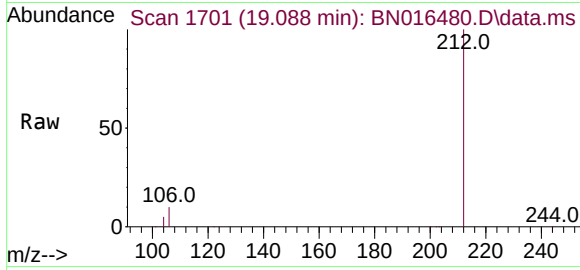




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

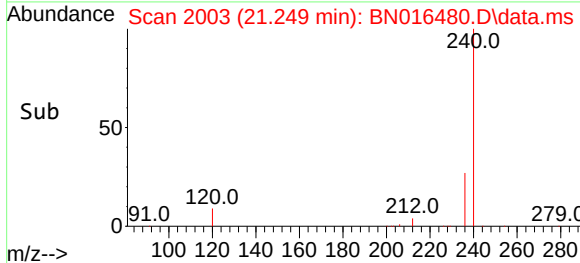
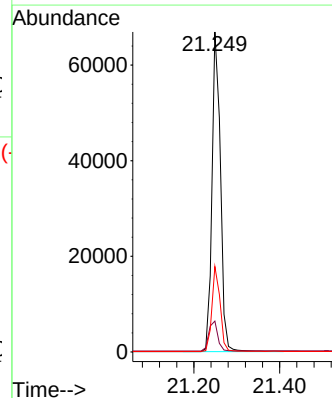
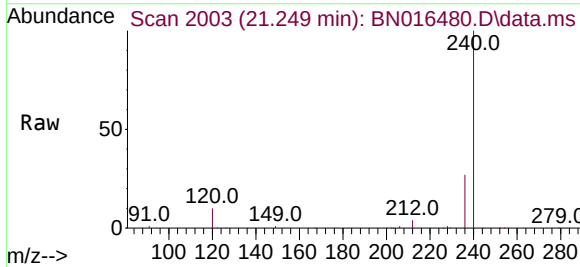
Instrument :
BNA_N
ClientSampleId :

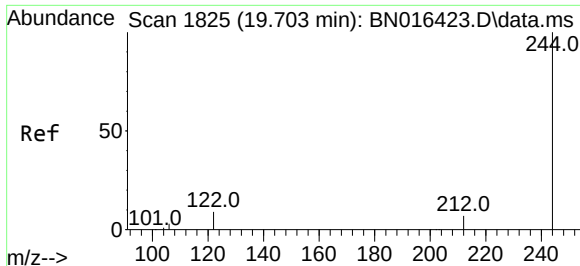
Tgt Ion:212 Resp: 112425
Ion Ratio Lower Upper
212 100
106 10.8 9.8 14.6
104 6.0 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016480.D
Acq: 25 Sep 2021 18:08

Tgt Ion:240 Resp: 91196
Ion Ratio Lower Upper
240 100
120 9.7 5.3 7.9#
236 26.7 19.8 29.8

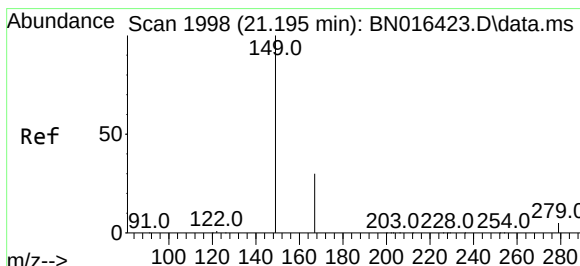
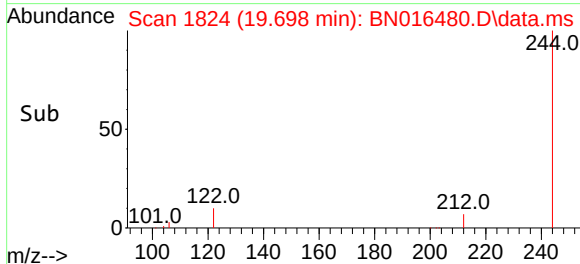
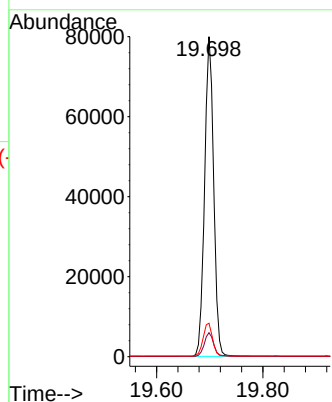
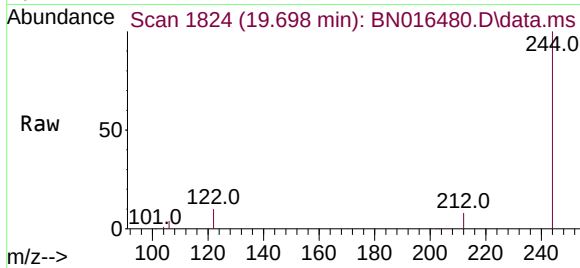




#31
 Terphenyl-d14
 Concen: 0.446 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016480.D
 Acq: 25 Sep 2021 18:08

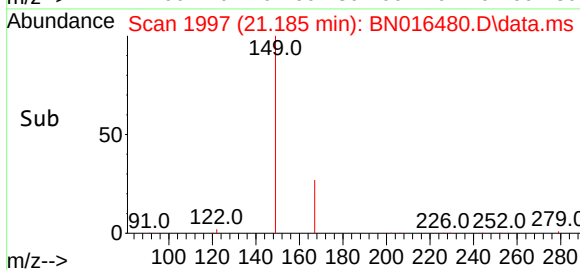
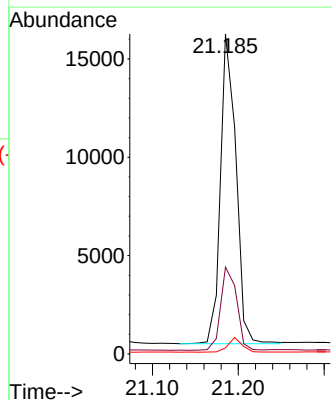
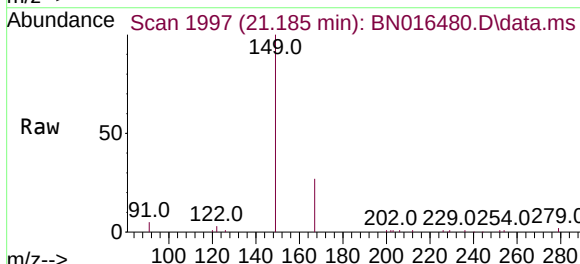
Instrument :
 BNA_N
 ClientSampled :

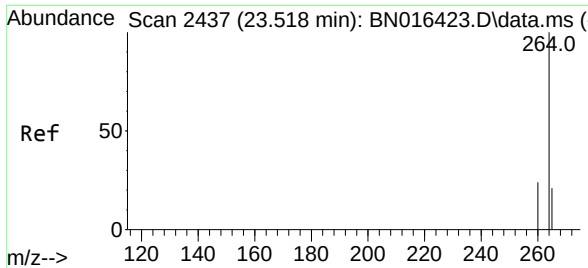
Tgt Ion:244 Resp: 94571
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 10.4 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.274 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016480.D
 Acq: 25 Sep 2021 18:08

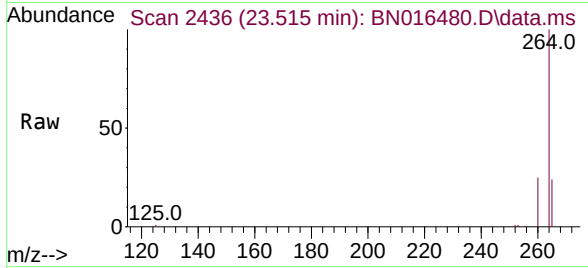
Tgt Ion:149 Resp: 19770
 Ion Ratio Lower Upper
 149 100
 167 27.7 23.4 35.0
 279 4.2 3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016480.D
 Acq: 25 Sep 2021 18:08

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 78949

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	23.5	23.7	35.5#

