

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016749.D
 Acq On : 05 Oct 2021 18:12
 Operator : CG/JU
 Sample : M4040-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 00:58:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

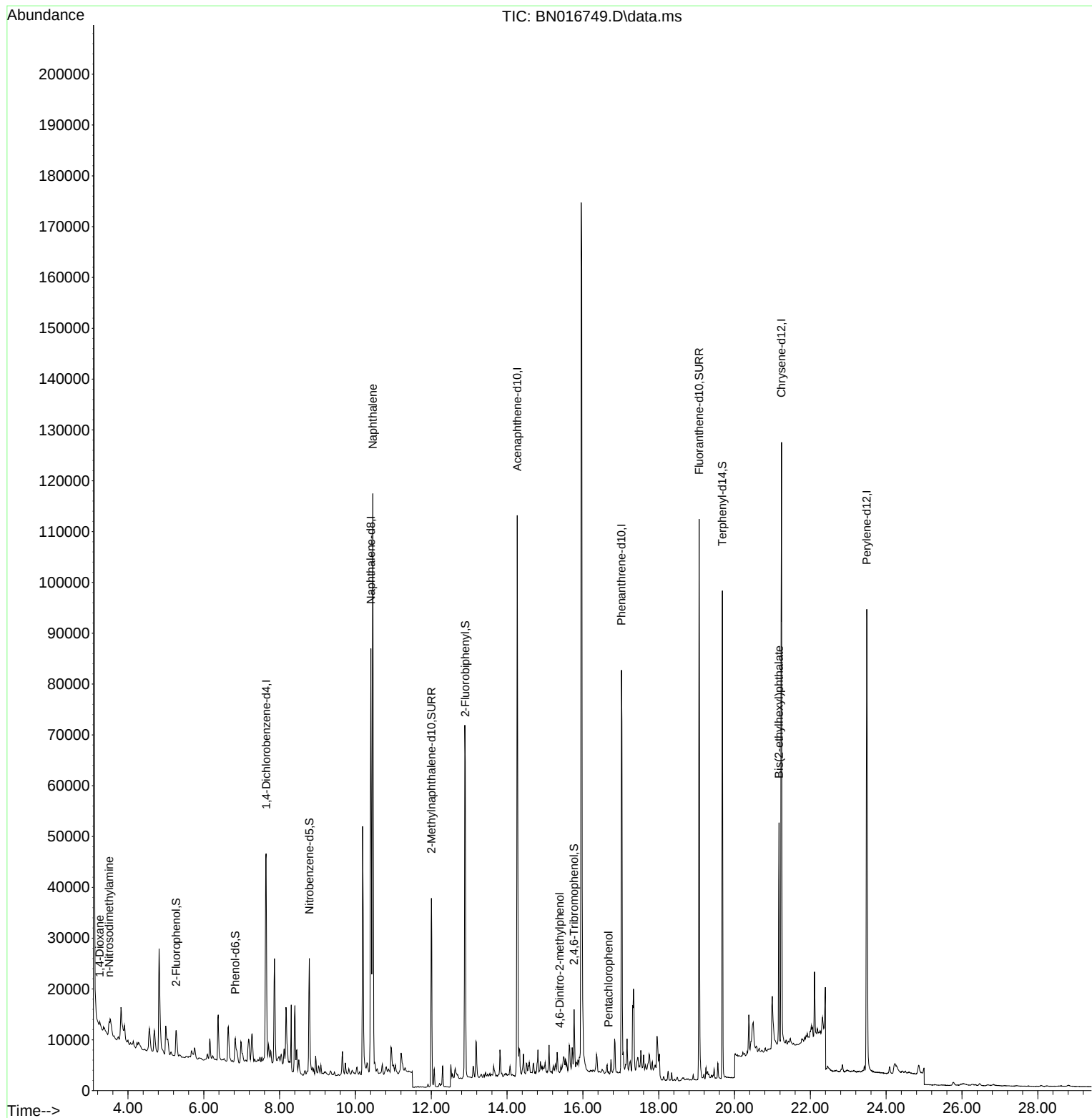
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	24220	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	110334	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	59693	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	114589	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	114349	0.400	ng	0.00
35) Perylene-d12	23.488	264	120939	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7376	0.119	ng	0.02
5) Phenol-d6	6.831	99	4925	0.072	ng	0.00
8) Nitrobenzene-d5	8.784	82	20187	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	50212	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9828	0.403	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	63960	0.268	ng	0.00
27) Fluoranthene-d10	19.068	212	121427	0.387	ng	0.00
31) Terphenyl-d14	19.678	244	93778	0.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	261	0.023	ng	# 63
3) n-Nitrosodimethylamine	3.502	42	1767	0.097	ng	# 1
9) Naphthalene	10.457	128	143890	0.477	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	16	0.267	ng	# 1
24) Pentachlorophenol	16.677	266	176	0.343	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.174	149	42499	0.198	ng	100

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

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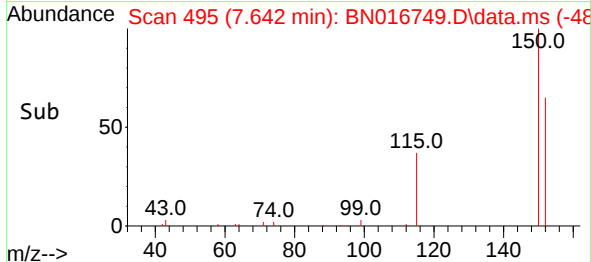
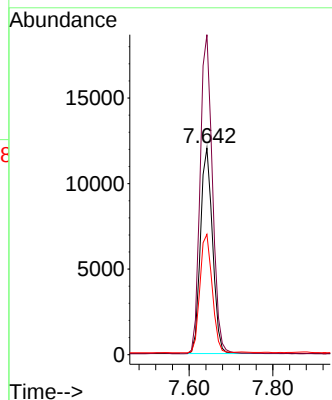
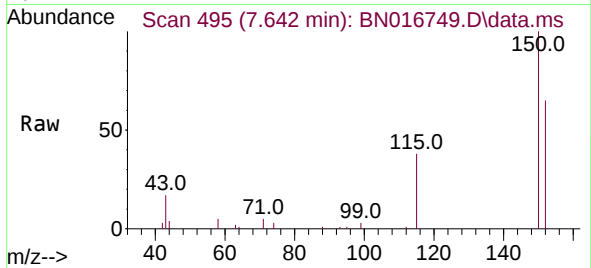




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016749.D
 Acq: 05 Oct 2021 18:12

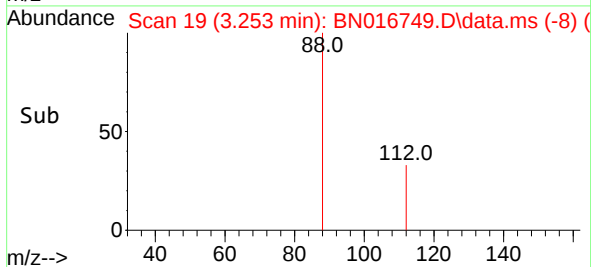
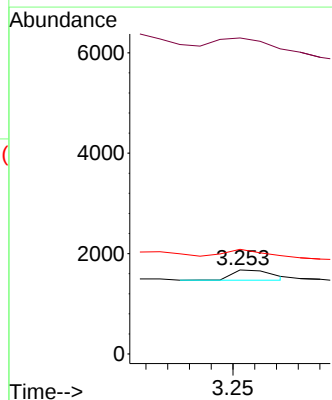
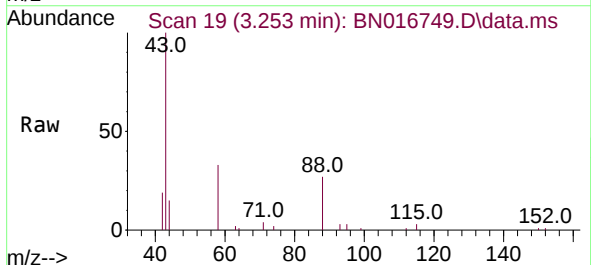
Instrument :
 BNA_N
 ClientSampleId :

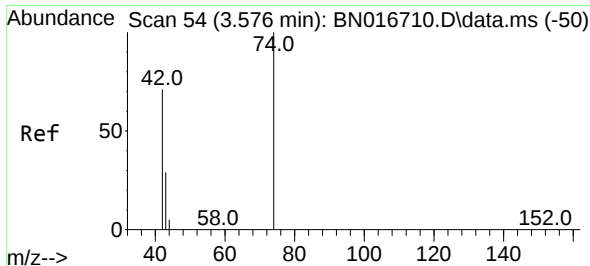
Tgt Ion:152 Resp: 24220
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.3 184.9
 115 58.2 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016749.D
 Acq: 05 Oct 2021 18:12

Tgt Ion: 88 Resp: 261
 Ion Ratio Lower Upper
 88 100
 43 117.6 61.7 92.5#
 58 54.4 62.2 93.2#

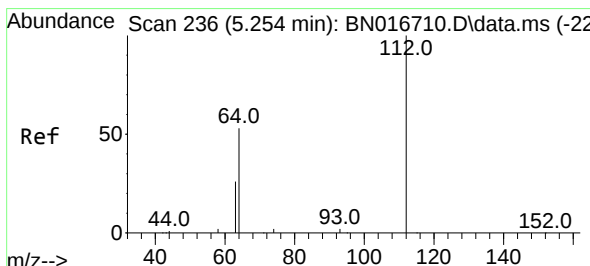
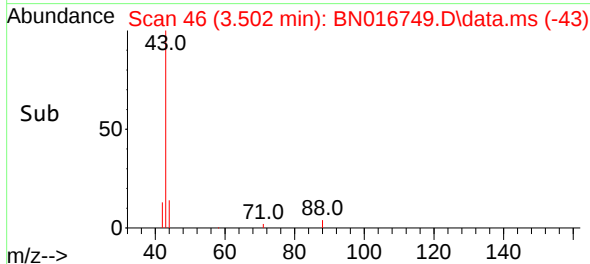
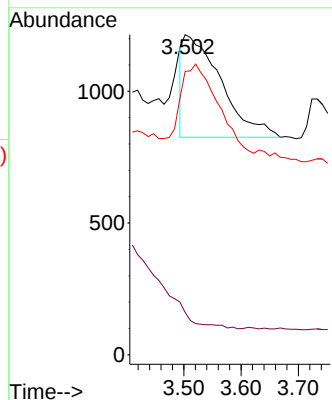
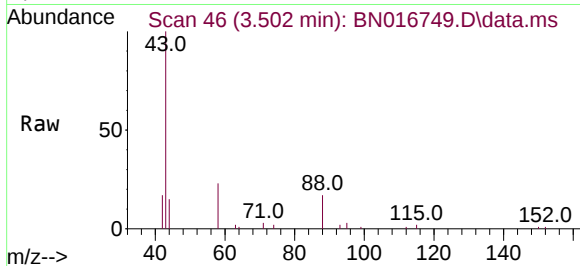




#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

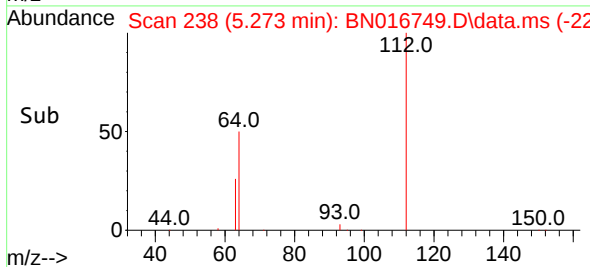
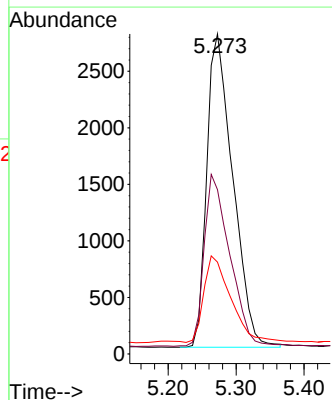
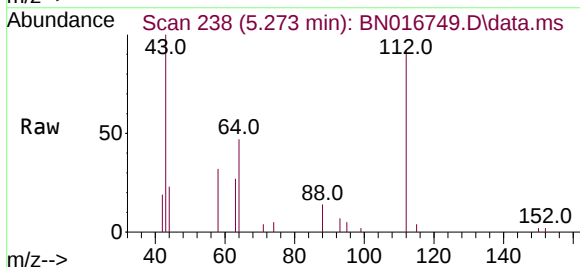
Instrument :
BNA_N
ClientSampleId :

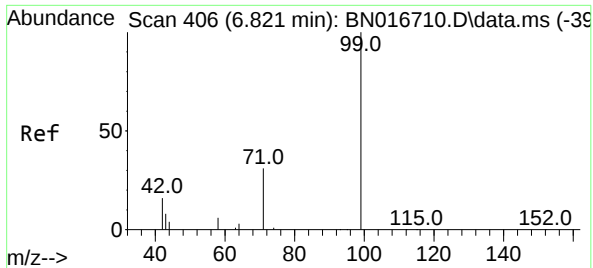
Tgt Ion: 42 Resp: 1767
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 75.9 5.6 8.4#



#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion: 112 Resp: 7376
Ion Ratio Lower Upper
112 100
64 54.0 42.9 64.3
63 28.6 21.5 32.3

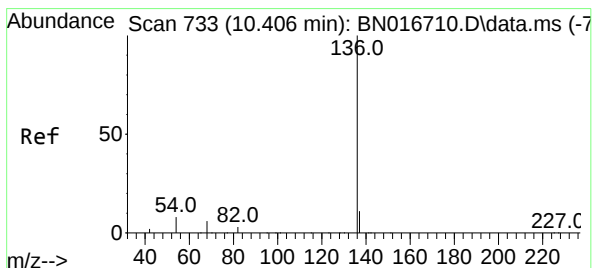
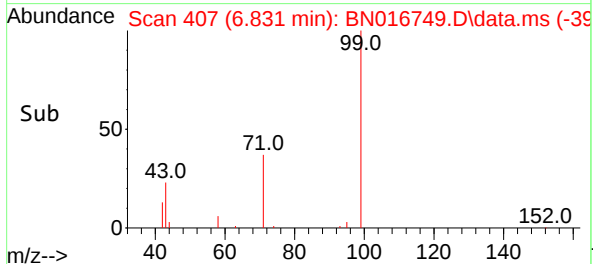
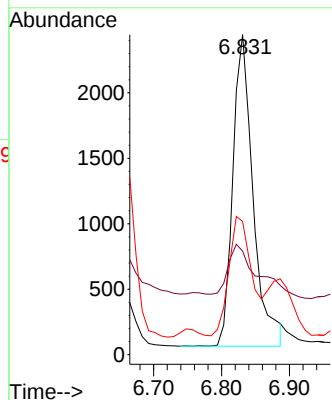
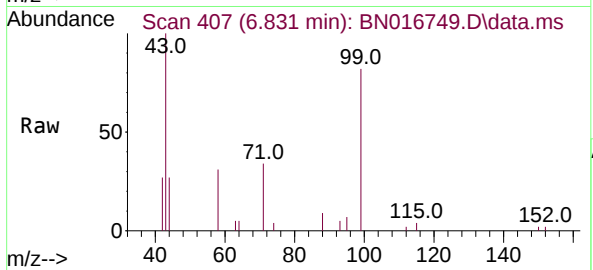




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

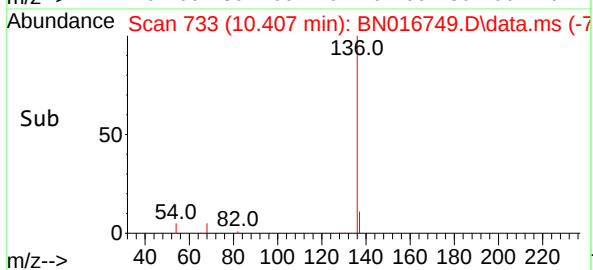
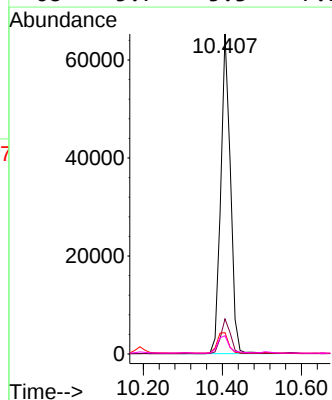
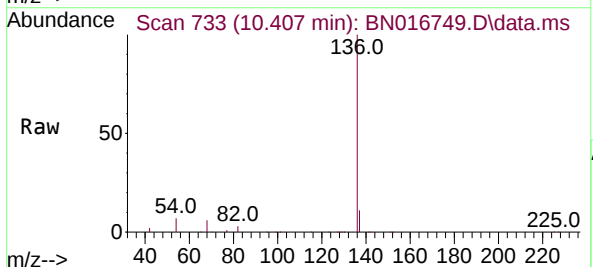
Instrument :
BNA_N
ClientSampleId :

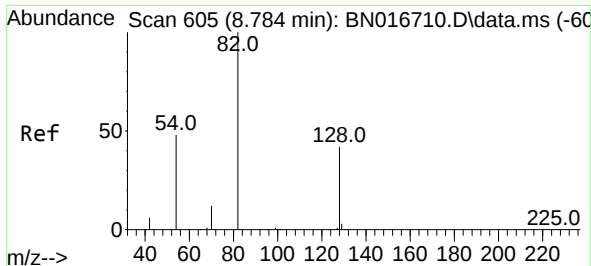
Tgt Ion: 99 Resp: 4925
Ion Ratio Lower Upper
99 100
42 21.0 13.4 20.2#
71 43.3 24.0 36.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion: 136 Resp: 110334
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.6 6.5 9.7
68 5.7 5.3 7.9

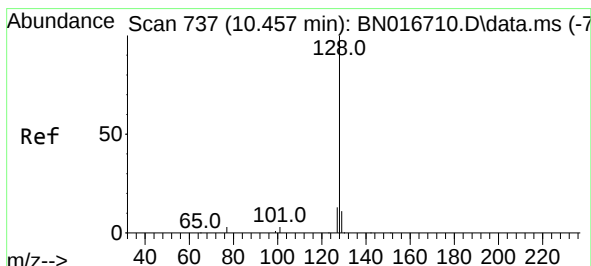
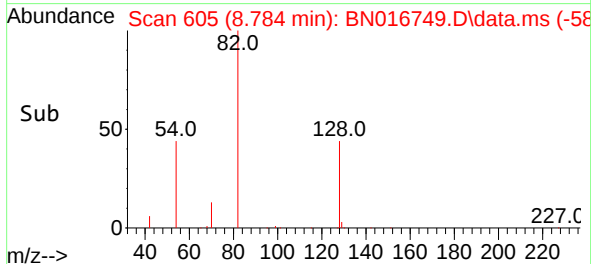
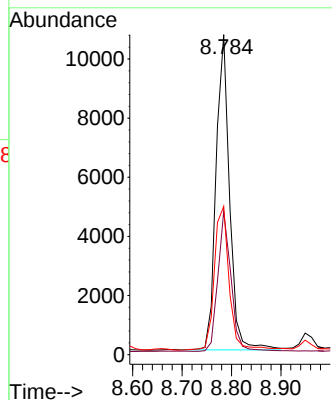
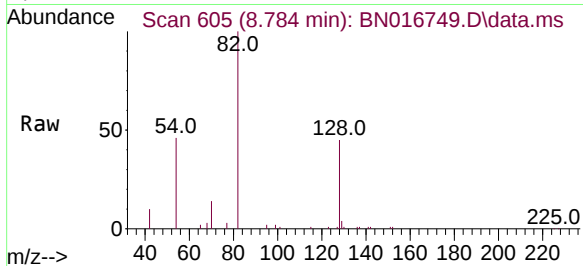




#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

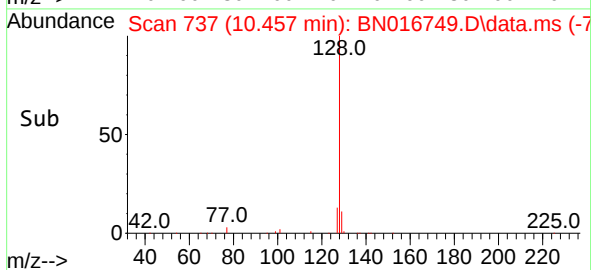
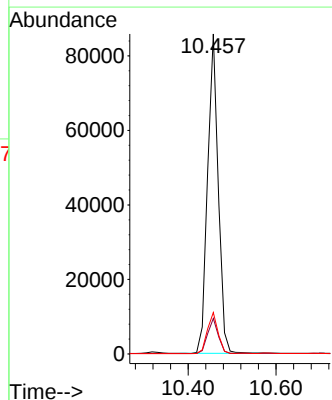
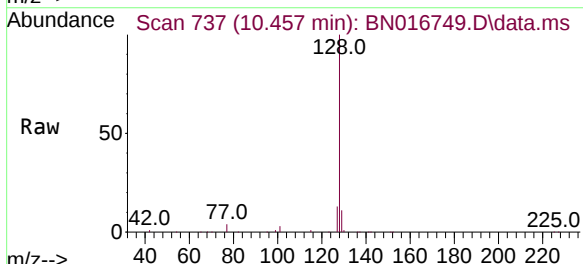
Instrument :
BNA_N
ClientSampleId :

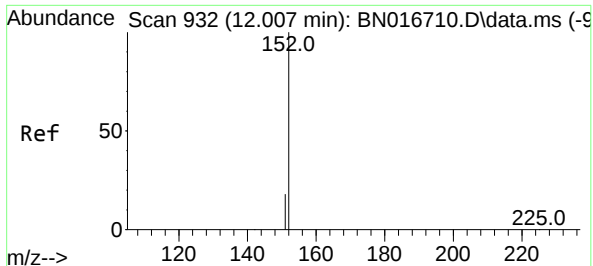
Tgt Ion:	82	Resp:	20187
Ion Ratio	Lower	Upper	
82	100		
128	44.8	33.8	50.6
54	46.4	38.5	57.7



#9
Naphthalene
Concen: 0.477 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:	128	Resp:	143890
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.7	13.1
127	13.0	10.3	15.5

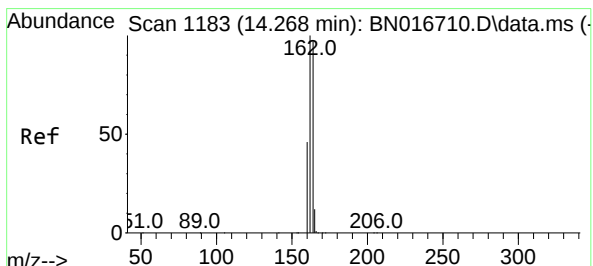
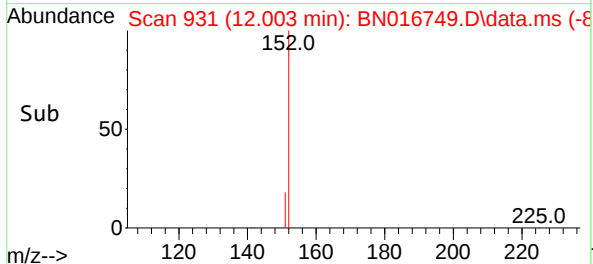
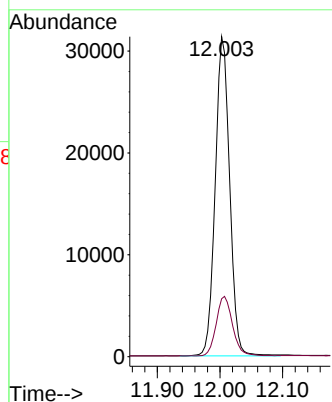
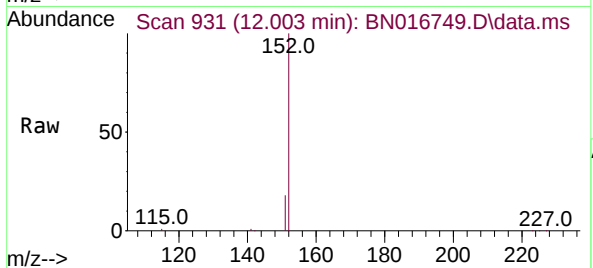




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

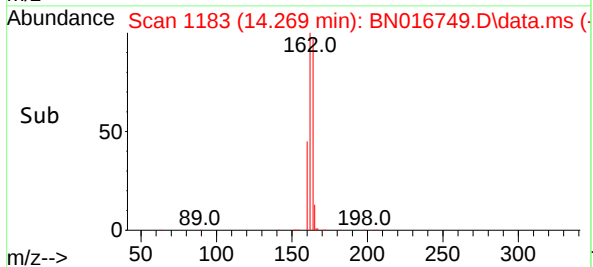
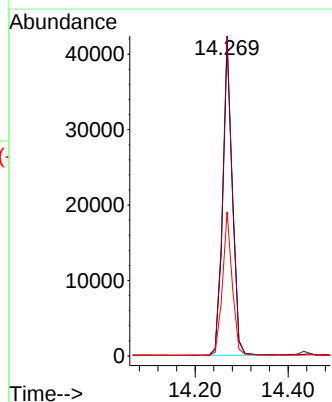
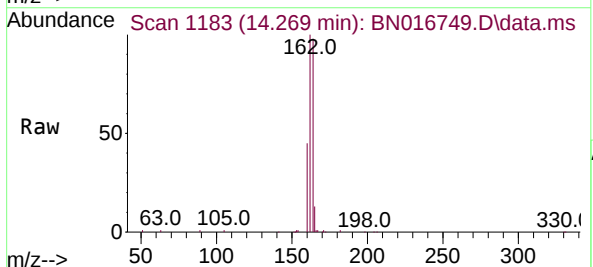
Instrument :
BNA_N
ClientSampleId :

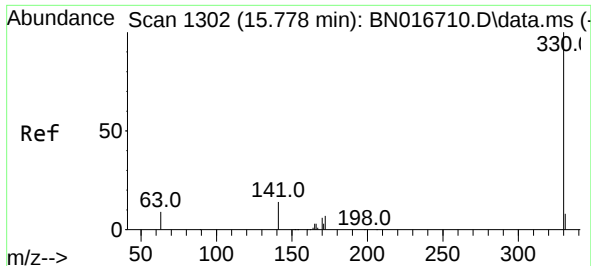
Tgt Ion:152 Resp: 50212
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

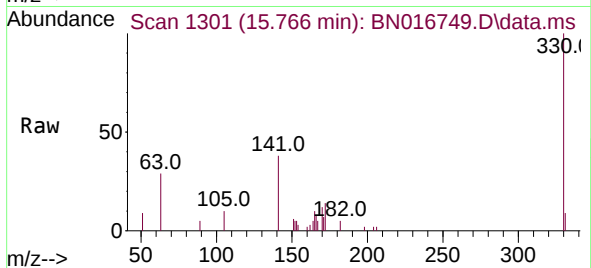
Tgt Ion:164 Resp: 59693
Ion Ratio Lower Upper
164 100
162 102.5 82.6 124.0
160 46.2 38.2 57.2



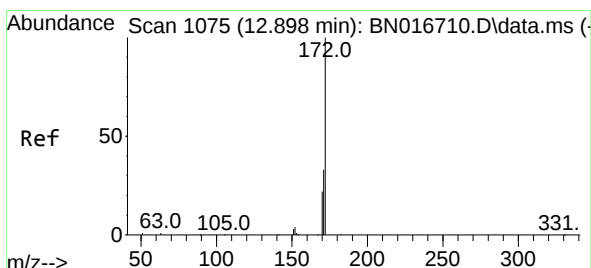
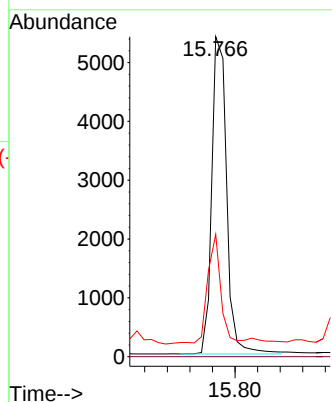
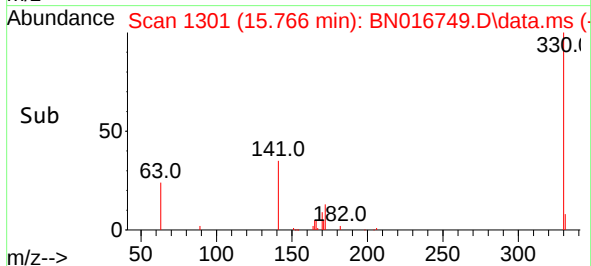


#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

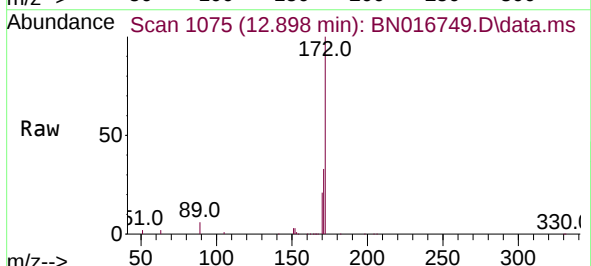
Instrument :
BNA_N
ClientSampleId :



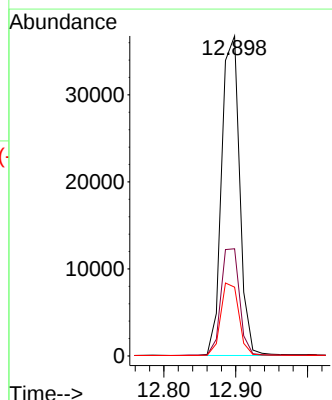
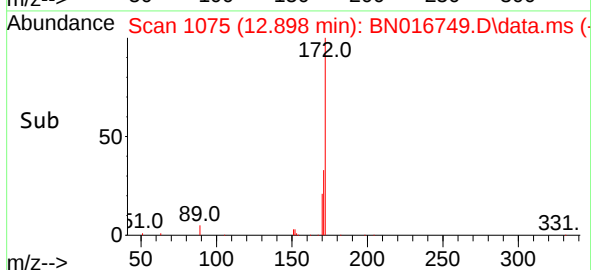
Tgt Ion:330 Resp: 9828
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 24.2 36.2

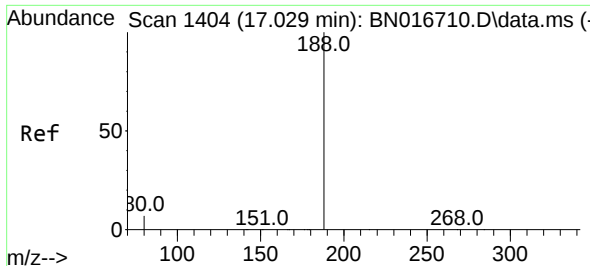


#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12



Tgt Ion:172 Resp: 63960
Ion Ratio Lower Upper
172 100
171 33.5 26.9 40.3
170 21.5 17.4 26.0

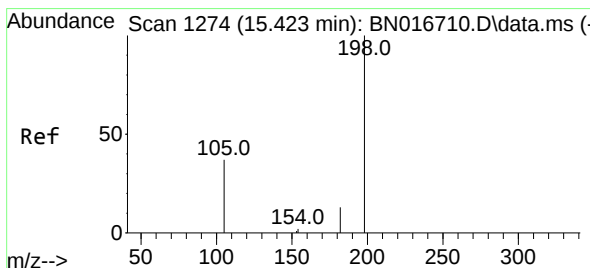
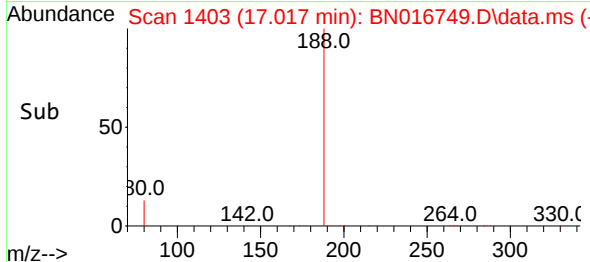
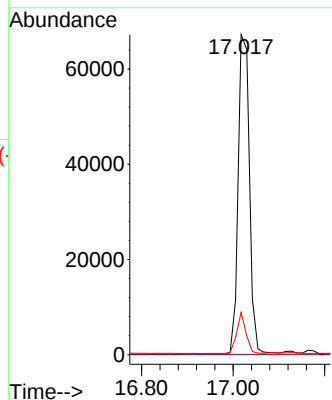
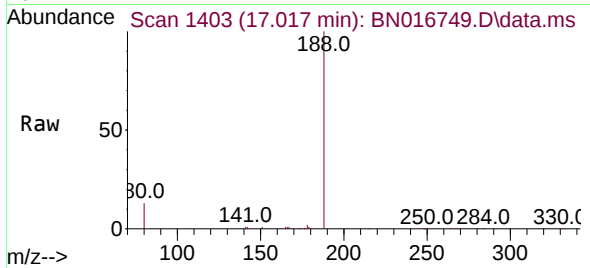




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

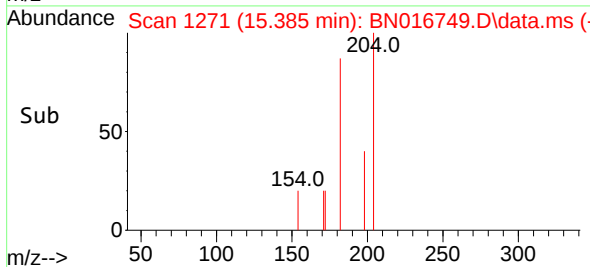
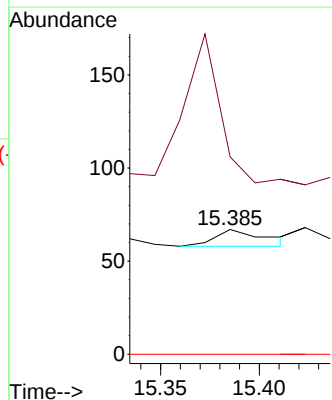
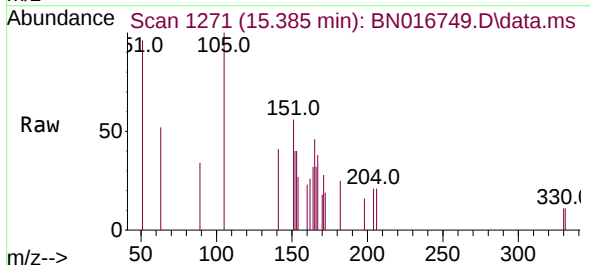
Instrument :
BNA_N
ClientSampleId :

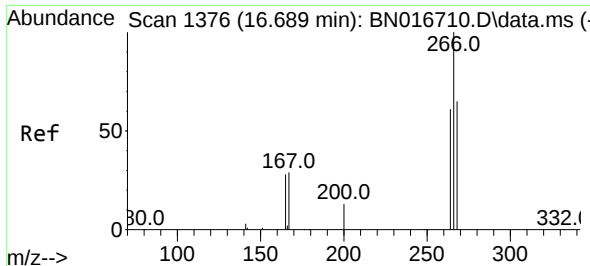
Tgt Ion:188 Resp: 114589
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.038 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
182 158.2 26.2 39.2#
77 0.0 0.0 0.0

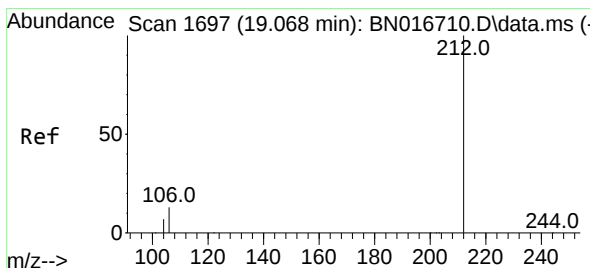
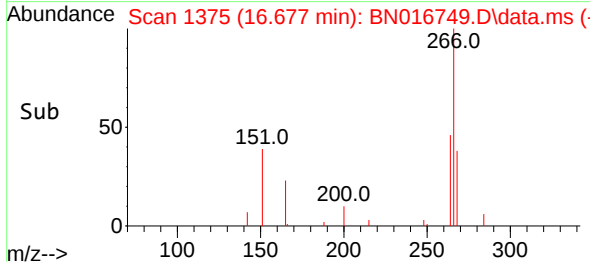
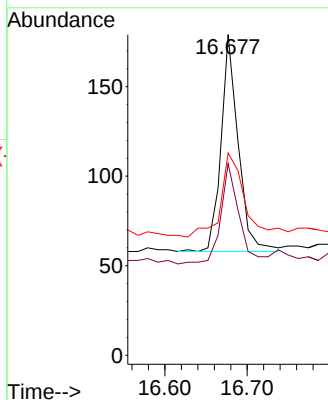
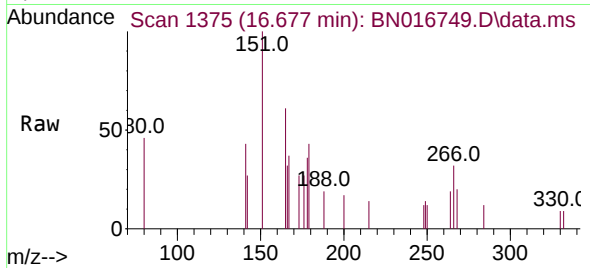




#24
 Pentachlorophenol
 Concen: 0.343 ng
 RT: 16.677 min Scan# 1375
 Delta R.T. -0.012 min
 Lab File: BN016749.D
 Acq: 05 Oct 2021 18:12

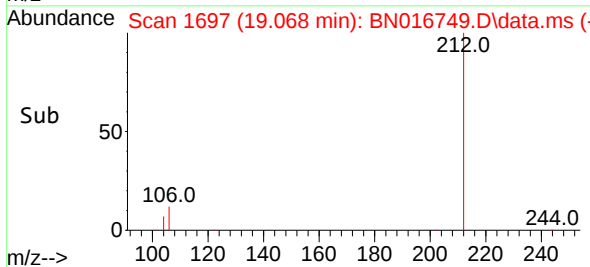
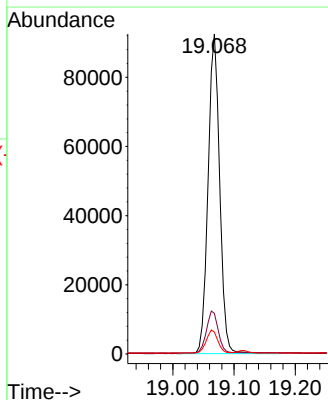
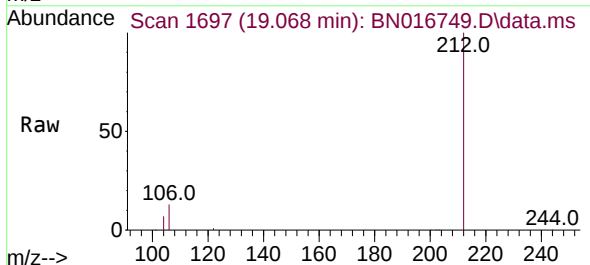
Instrument :
 BNA_N
 ClientSampleId :

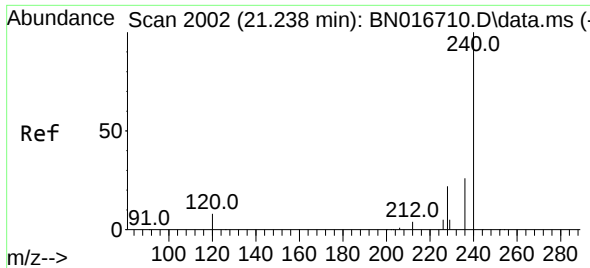
Tgt Ion:	266	Resp:	176
Ion Ratio	Lower	Upper	
266	100		
264	48.3	49.3	73.9#
268	54.5	51.8	77.8



#27
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016749.D
 Acq: 05 Oct 2021 18:12

Tgt Ion:	212	Resp:	121427
Ion Ratio	Lower	Upper	
212	100		
106	13.4	10.6	16.0
104	7.3	5.8	8.8

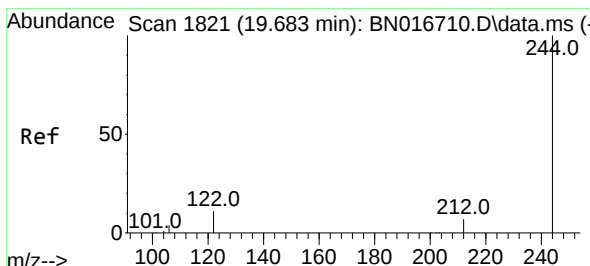
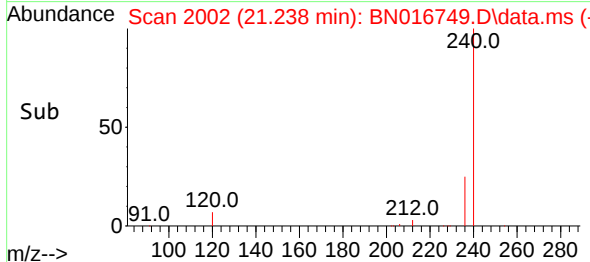
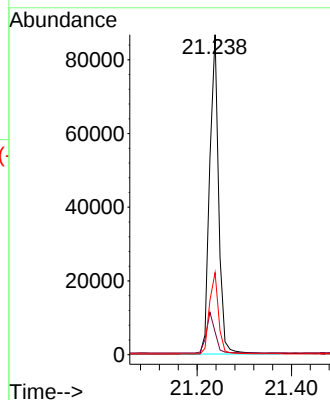
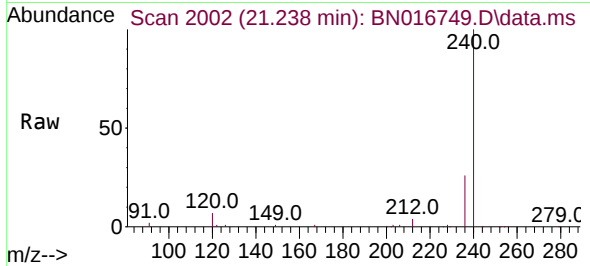




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

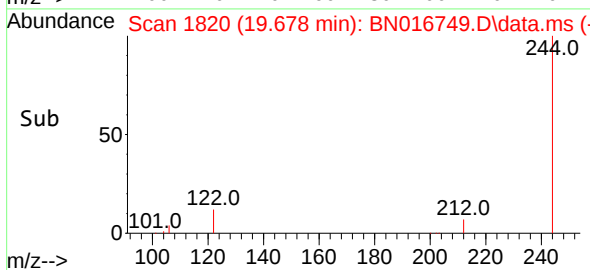
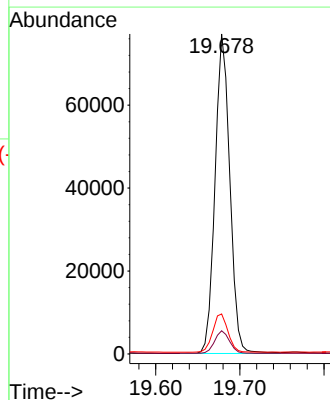
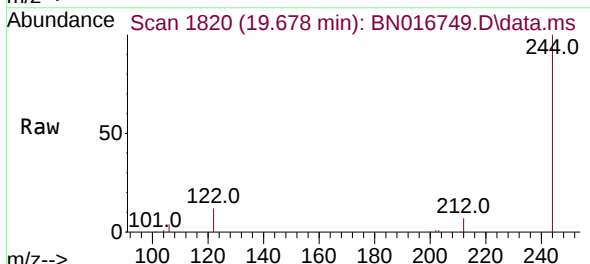
Instrument :
BNA_N
ClientSampleId :

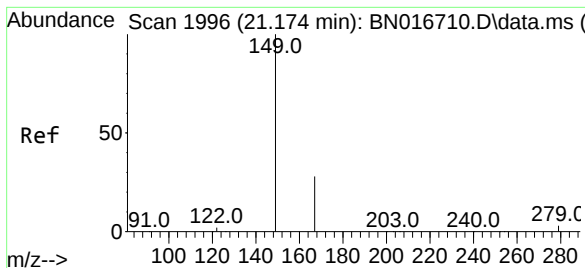
Tgt Ion:240 Resp: 114349
Ion Ratio Lower Upper
240 100
120 7.1 6.6 10.0
236 25.6 20.7 31.1



#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:244 Resp: 93778
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 12.5 8.9 13.3

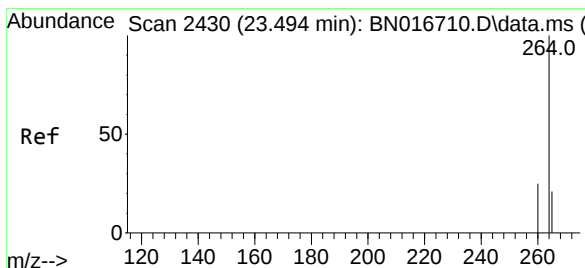
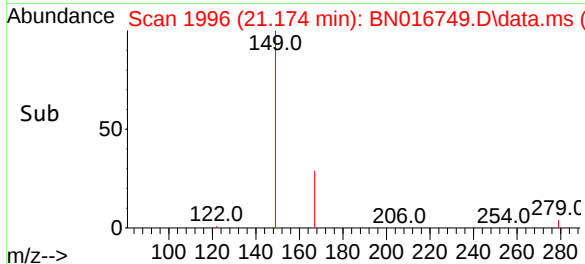
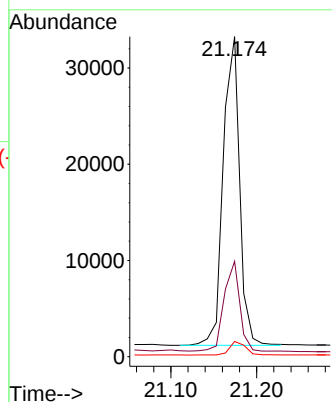
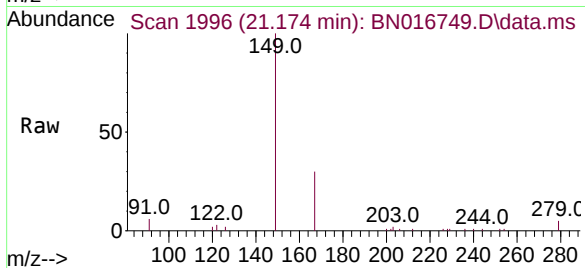




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.198 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN016749.D
 Acq: 05 Oct 2021 18:12

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	42499
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.4
279	4.3	3.4	5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.488 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN016749.D
 Acq: 05 Oct 2021 18:12

Tgt Ion:	264	Resp:	120939
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.8	29.6
265	23.3	20.3	30.5

