

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016754.D
 Acq On : 05 Oct 2021 21:13
 Operator : CG/JU
 Sample : M3915-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 00:59:22 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)

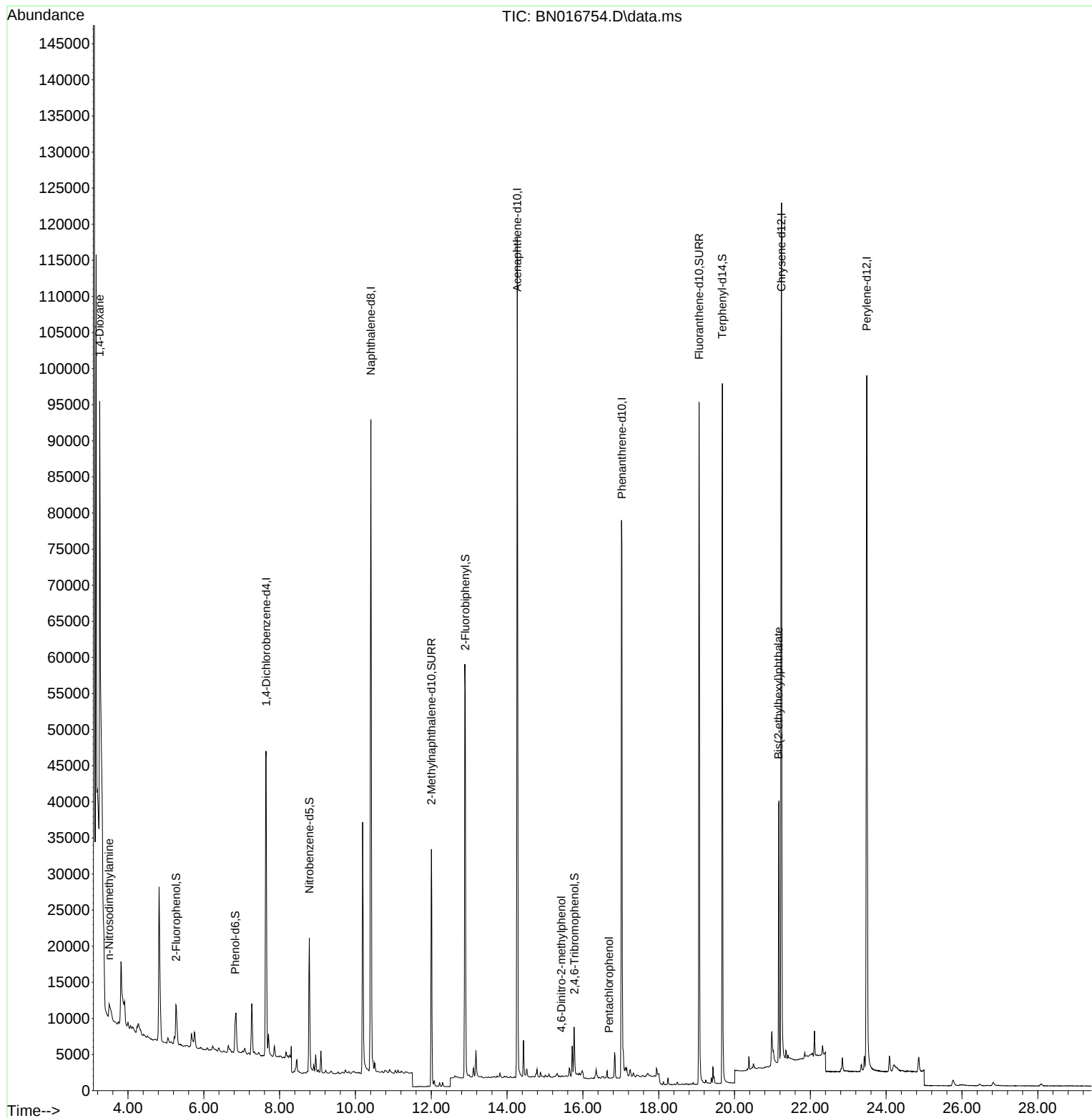
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	26548	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	120648	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	64206	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	123385	0.400	ng	0.00
29) Chrysene-d12	21.238	240	125212	0.400	ng	# 0.00
35) Perylene-d12	23.488	264	132639	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	7488	0.111	ng	0.02
5) Phenol-d6	6.831	99	4673	0.062	ng	0.00
8) Nitrobenzene-d5	8.784	82	17255	0.204	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	45419	0.253	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	6617	0.296	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	58045	0.226	ng	0.00
27) Fluoranthene-d10	19.068	212	112503	0.333	ng	0.00
31) Terphenyl-d14	19.678	244	96185	0.343	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	48302	3.899	ng	# 68
3) n-Nitrosodimethylamine	3.502	42	1079	0.054	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.436	198	7	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	53	0.340	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.163	149	38743	0.165	ng	100

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

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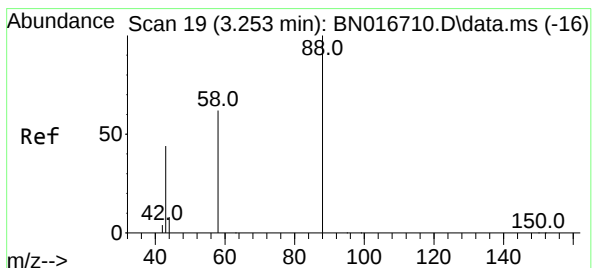
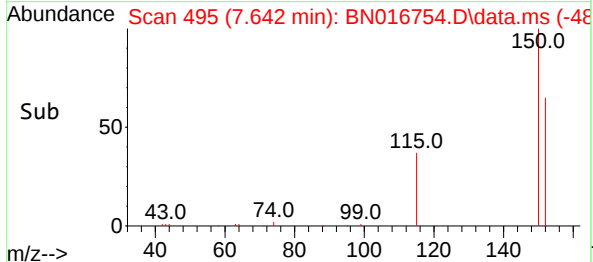
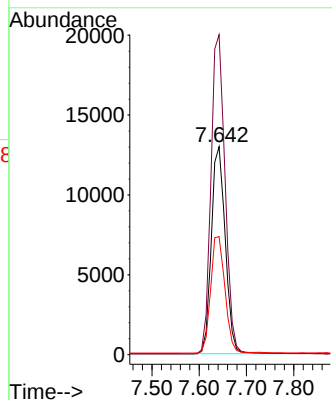
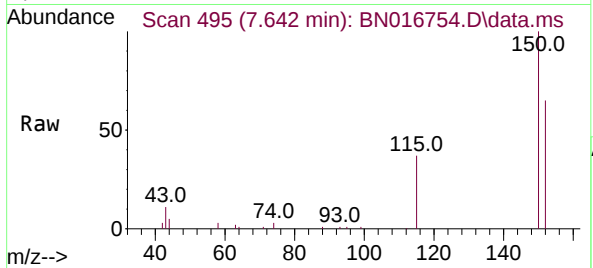




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016754.D
 Acq: 05 Oct 2021 21:13

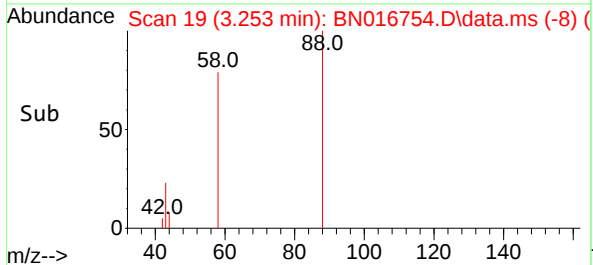
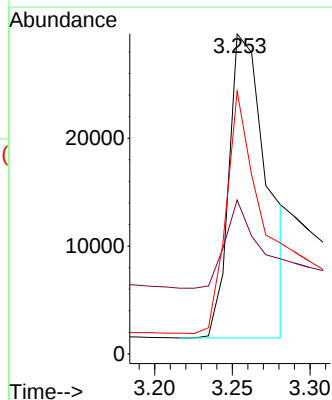
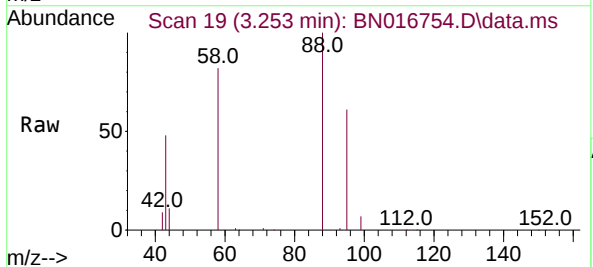
Instrument :
 BNA_N
 ClientSampled :

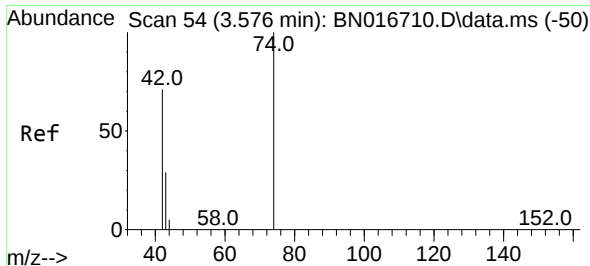
Tgt Ion:152 Resp: 26548
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.3 184.9
 115 56.8 47.0 70.6



#2
 1,4-Dioxane
 Concen: 3.899 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016754.D
 Acq: 05 Oct 2021 21:13

Tgt Ion: 88 Resp: 48302
 Ion Ratio Lower Upper
 88 100
 43 26.1 61.7 92.5#
 58 72.7 62.2 93.2

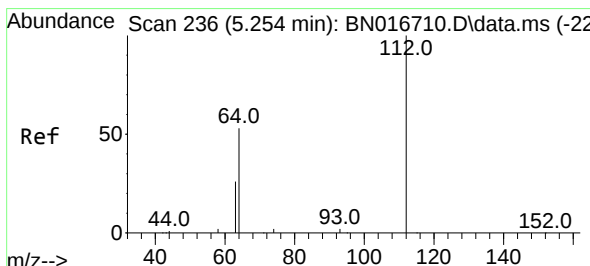
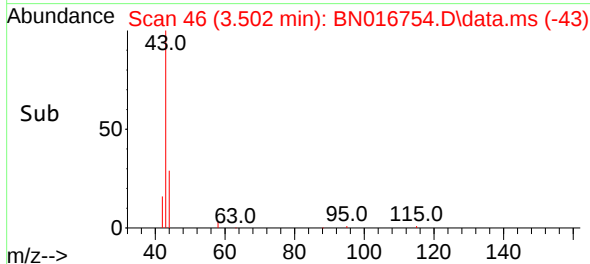
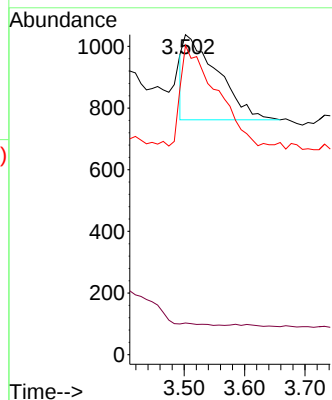
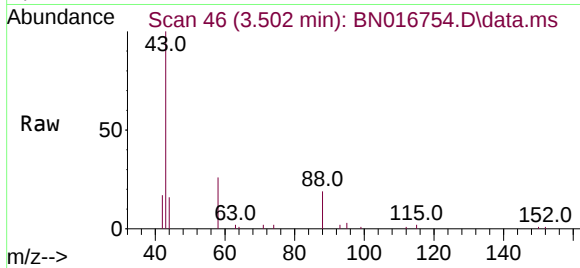




#3
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

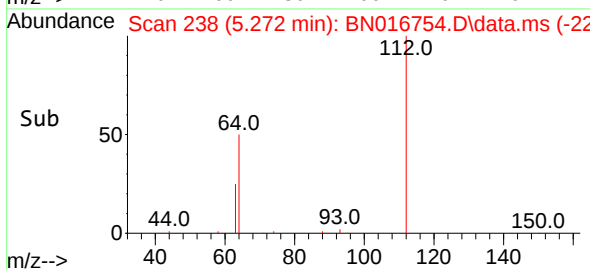
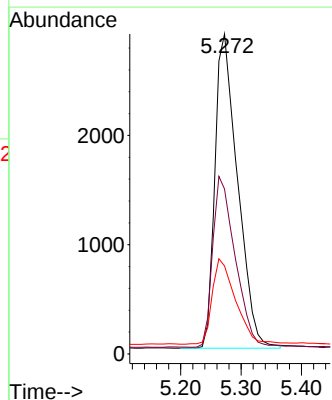
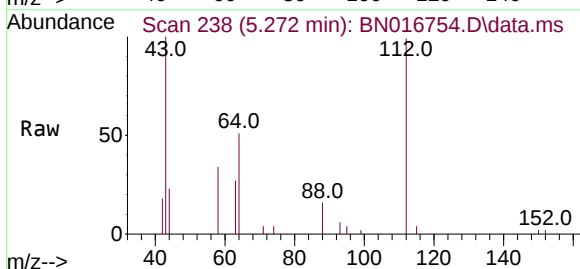
Instrument :
BNA_N
ClientSampled :

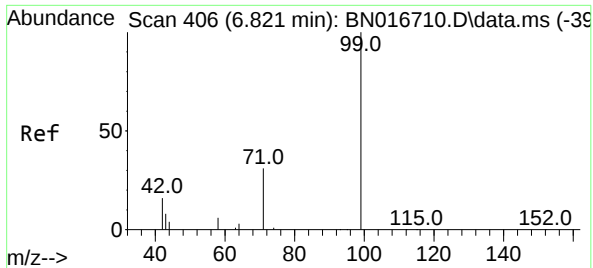
Tgt Ion: 42 Resp: 1079
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 109.7 5.6 8.4#



#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

Tgt Ion: 112 Resp: 7488
Ion Ratio Lower Upper
112 100
64 54.0 42.9 64.3
63 28.0 21.5 32.3

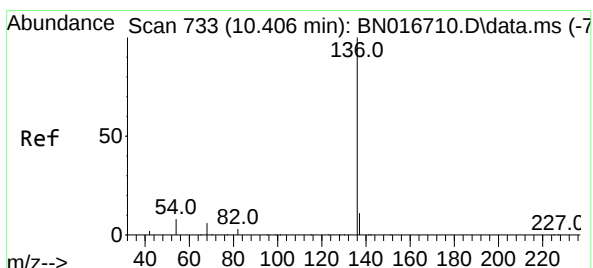
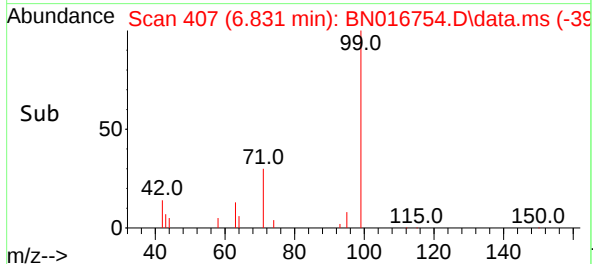
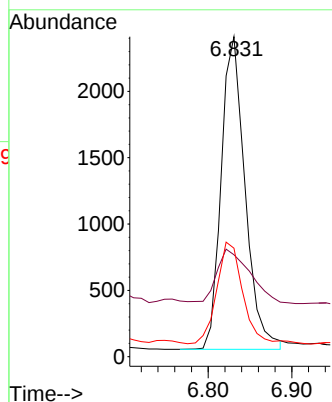
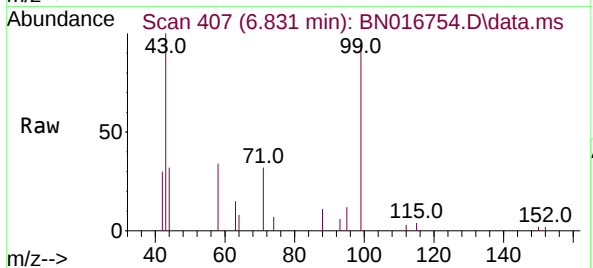




#5
Phenol-d6
Concen: 0.062 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

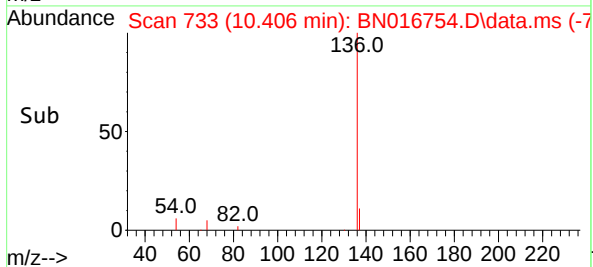
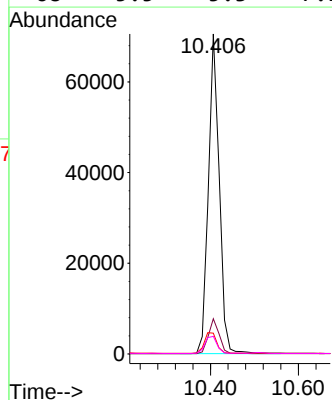
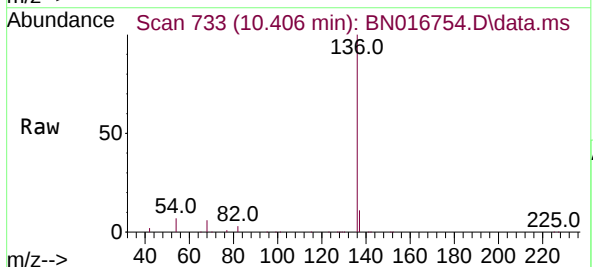
Instrument :
BNA_N
ClientSampled :

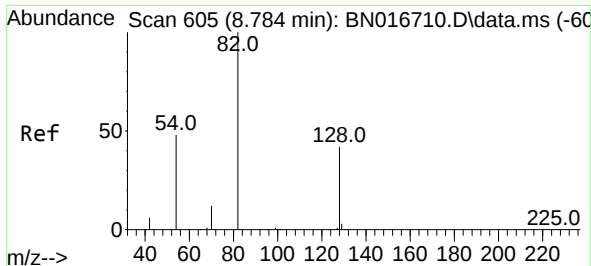
Tgt Ion: 99 Resp: 4673
Ion Ratio Lower Upper
99 100
42 22.6 13.4 20.2#
71 34.8 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

Tgt Ion: 136 Resp: 120648
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.5 6.5 9.7
68 5.5 5.3 7.9

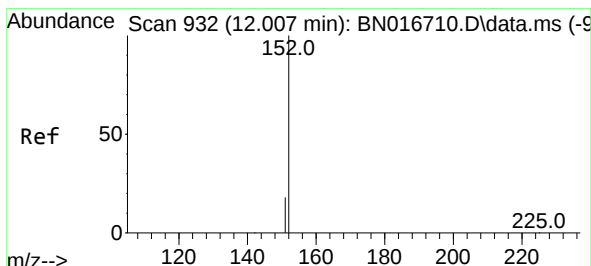
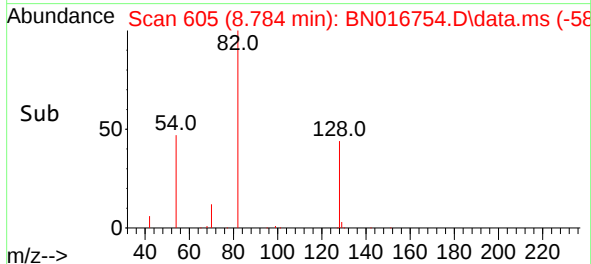
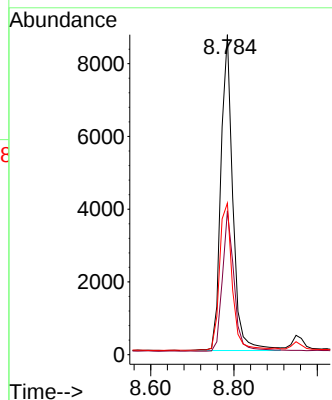
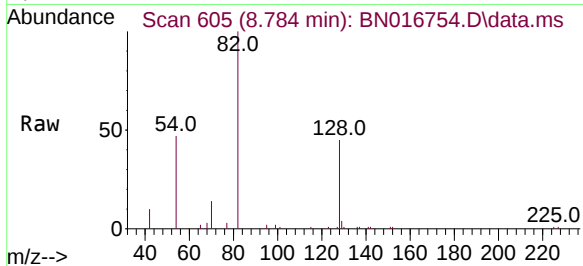




#8
Nitrobenzene-d5
Concen: 0.204 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

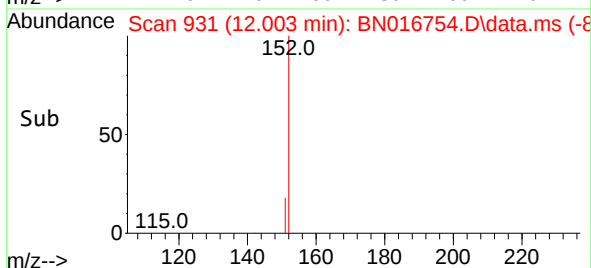
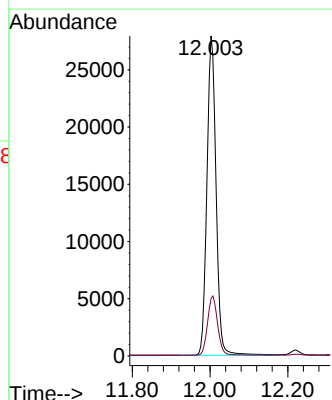
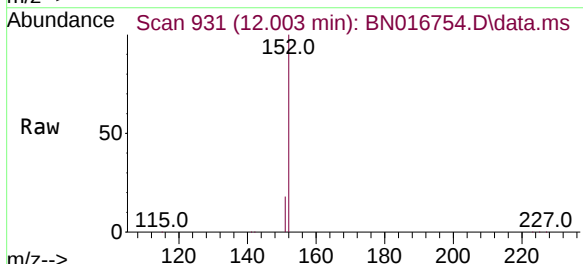
Instrument :
BNA_N
ClientSampled :

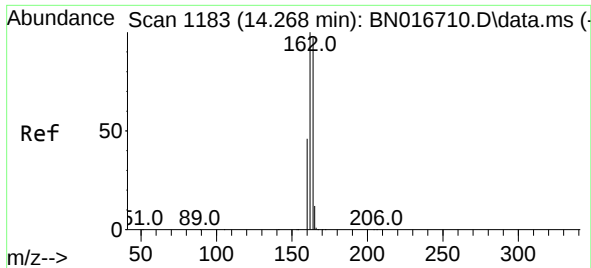
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.8	50.6
54	47.4	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

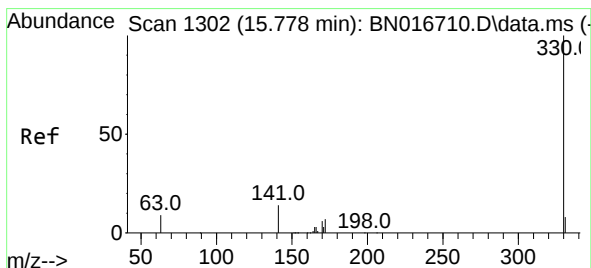
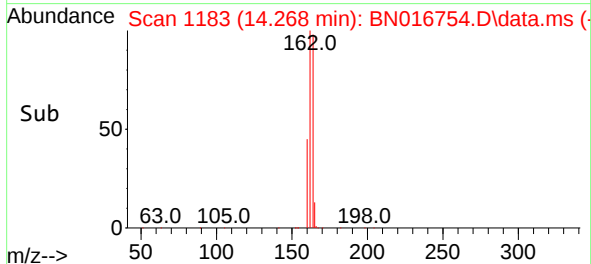
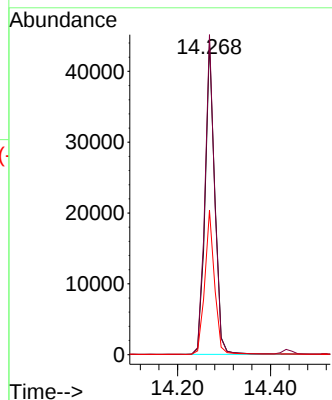
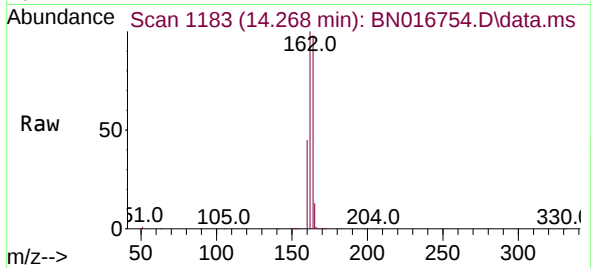




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

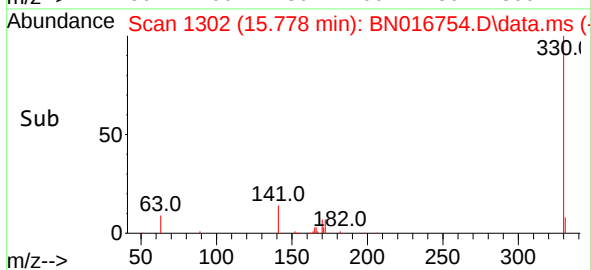
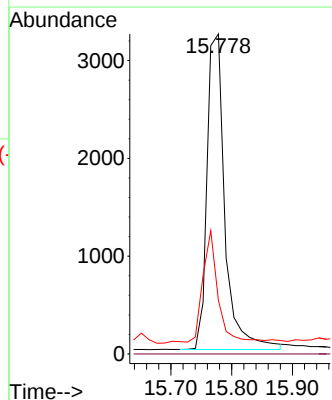
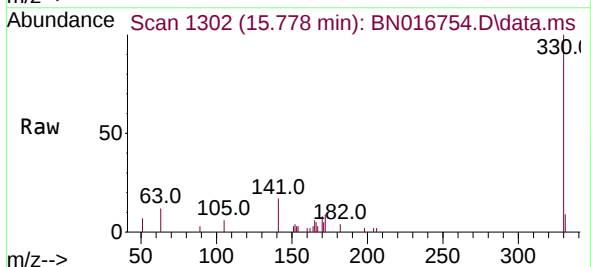
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BNA_N
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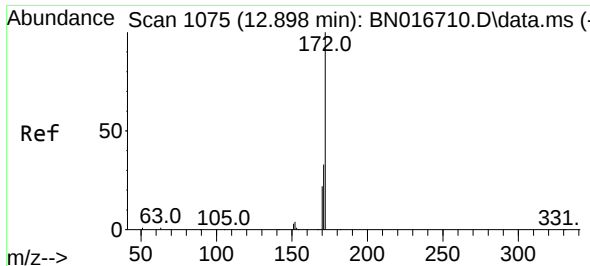
Tgt Ion:164 Resp: 64206
Ion Ratio Lower Upper
164 100
162 102.0 82.6 124.0
160 46.0 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

Tgt Ion:330 Resp: 6617
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.2 24.2 36.2

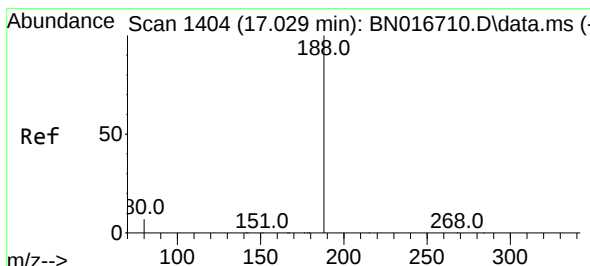
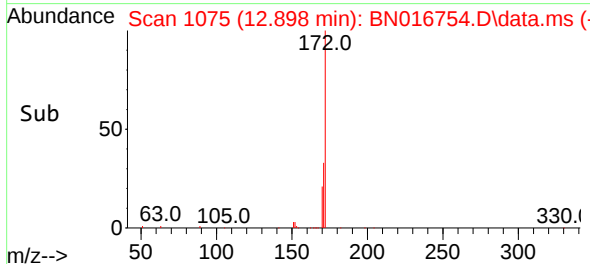
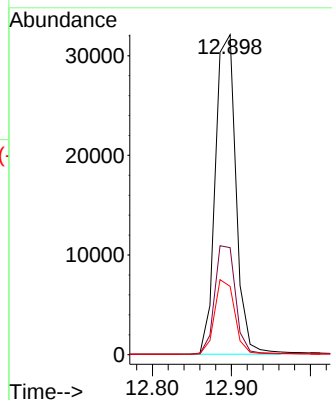
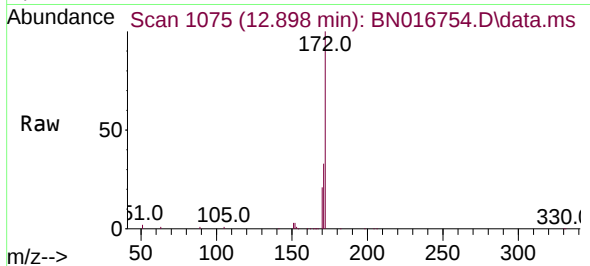




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

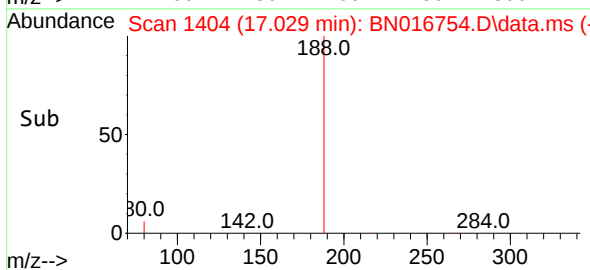
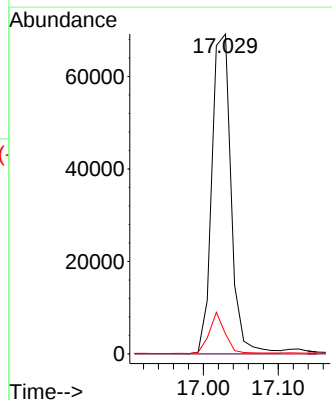
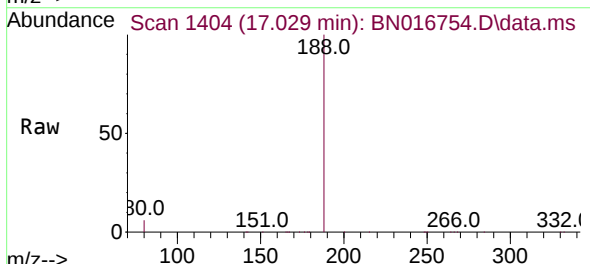
Instrument :
BNA_N
ClientSampleId :

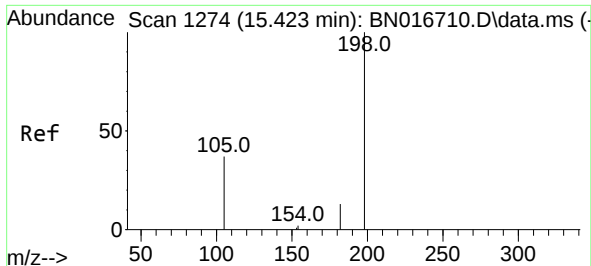
Tgt Ion:172	Resp:	58045
Ion Ratio	Lower	Upper
172	100	
171	33.4	26.9 40.3
170	21.4	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

Tgt Ion:188	Resp:	123385
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.2	5.8 8.8

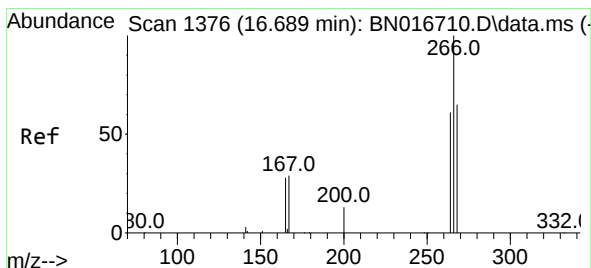
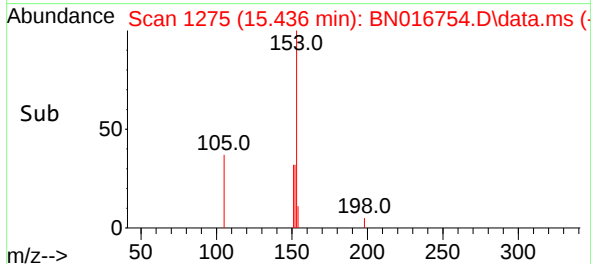
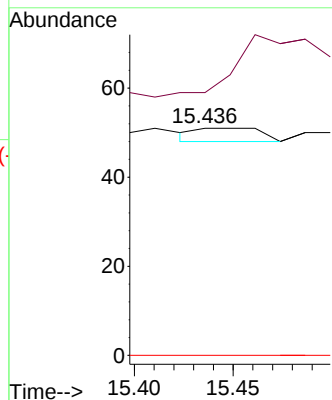
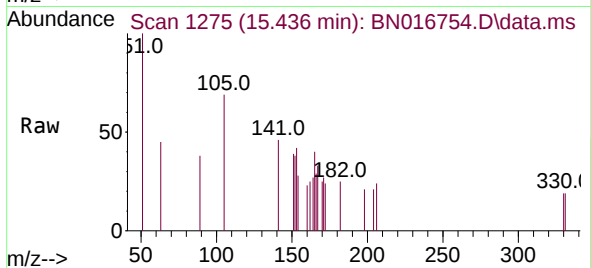




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

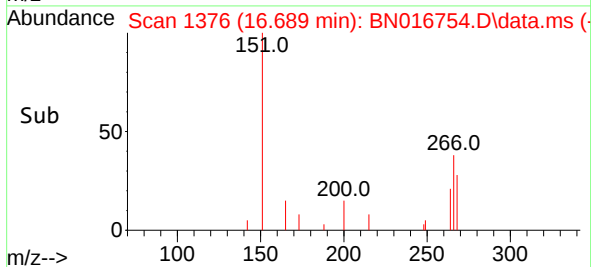
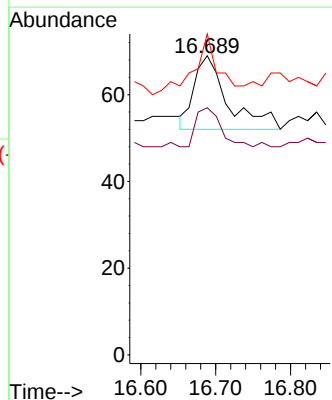
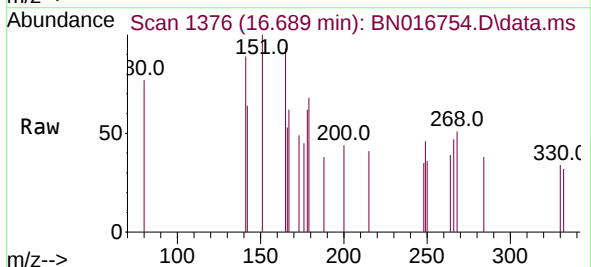
Instrument :
BNA_N
ClientSampleId :

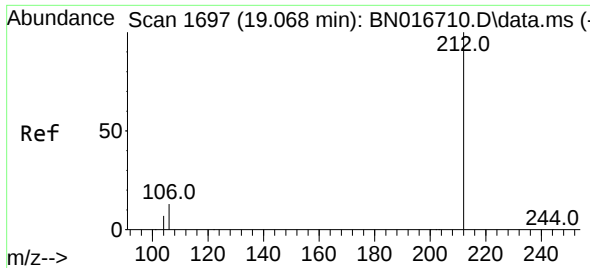
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 115.7 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
264 41.5 49.3 73.9#
268 62.3 51.8 77.8

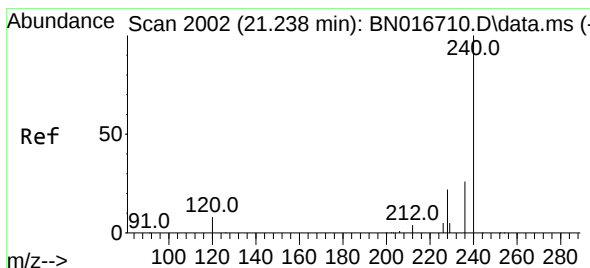
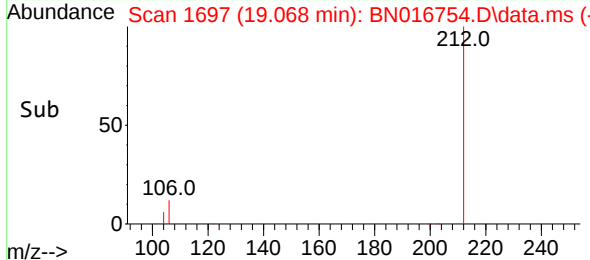
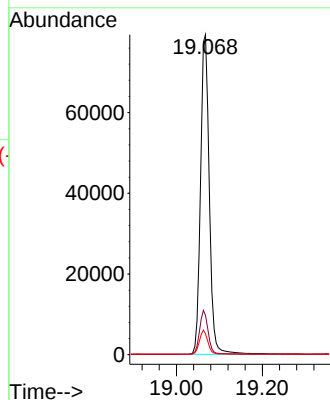
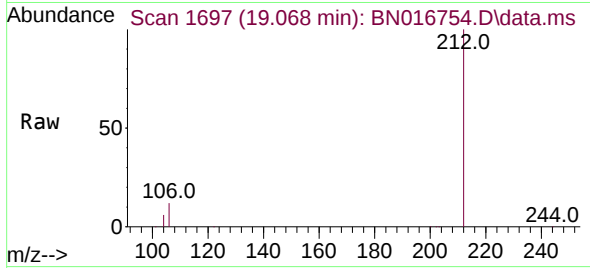




#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

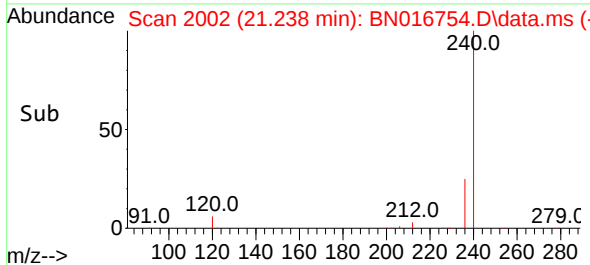
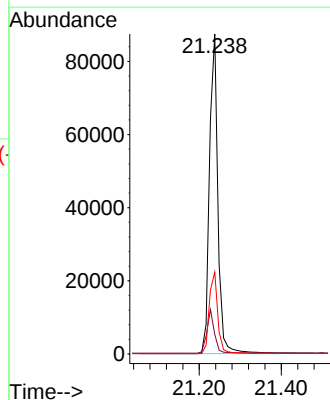
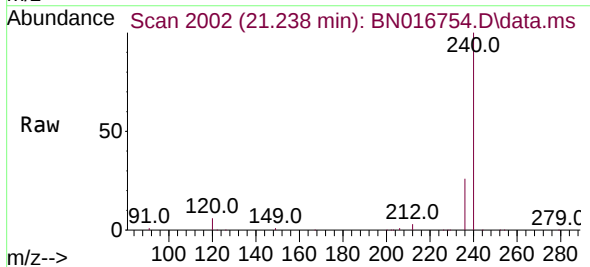
Instrument :
BNA_N
ClientSampleId :

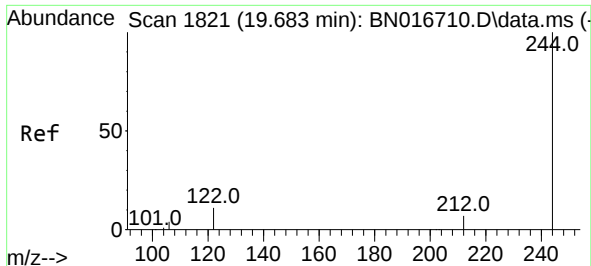
Tgt Ion:212 Resp: 112503
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

Tgt Ion:240 Resp: 125212
Ion Ratio Lower Upper
240 100
120 6.2 6.6 10.0#
236 25.6 20.7 31.1

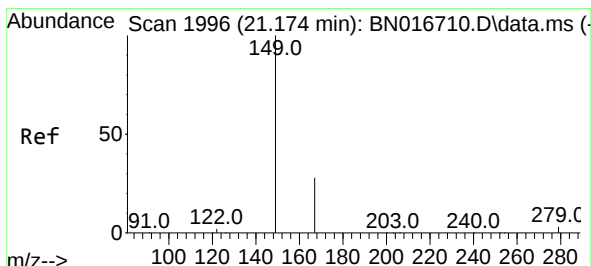
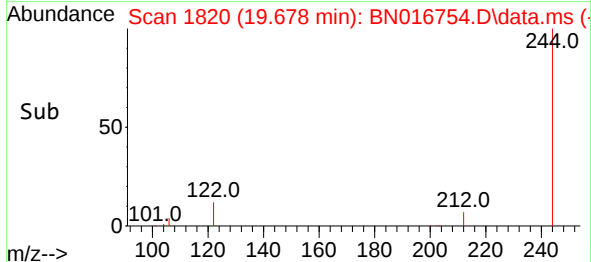
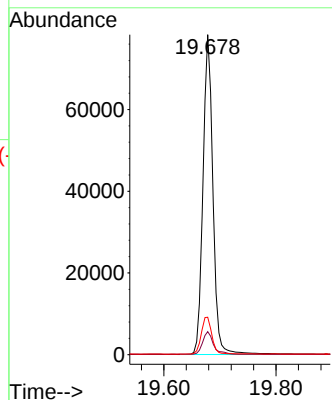
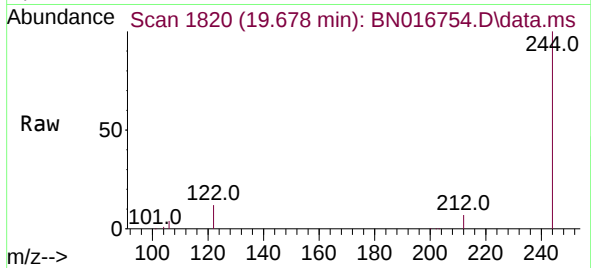




#31
Terphenyl-d14
Concen: 0.343 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

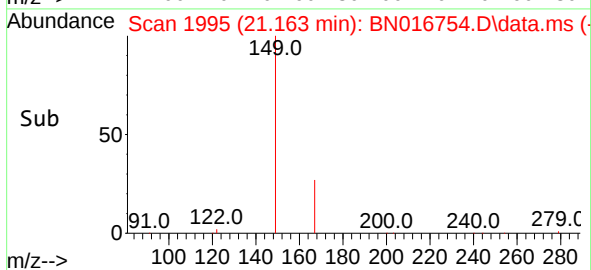
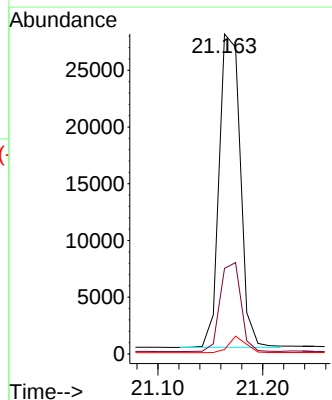
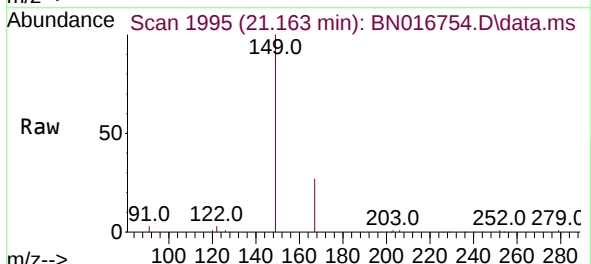
Instrument :
BNA_N
ClientSampleId :

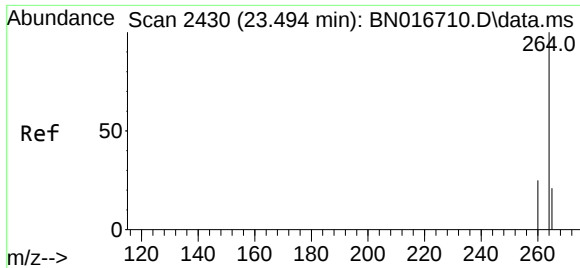
Tgt Ion:244 Resp: 96185
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 11.7 8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016754.D
Acq: 05 Oct 2021 21:13

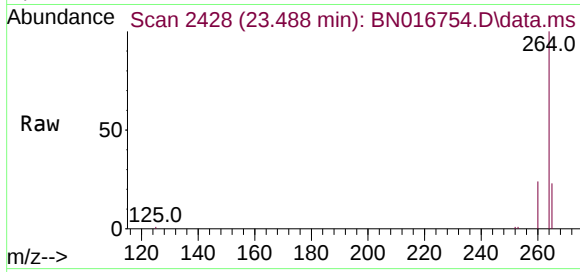
Tgt Ion:149 Resp: 38743
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 4.2 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.488 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN016754.D
 Acq: 05 Oct 2021 21:13

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 132639

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	23.2	20.3	30.5

