

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017734.D
 Acq On : 06 Dec 2021 16:53
 Operator : CG/JU
 Sample : SP5770
 Misc : 8270 SIM SURROGATE
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5770

Quant Time: Dec 07 06:51:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

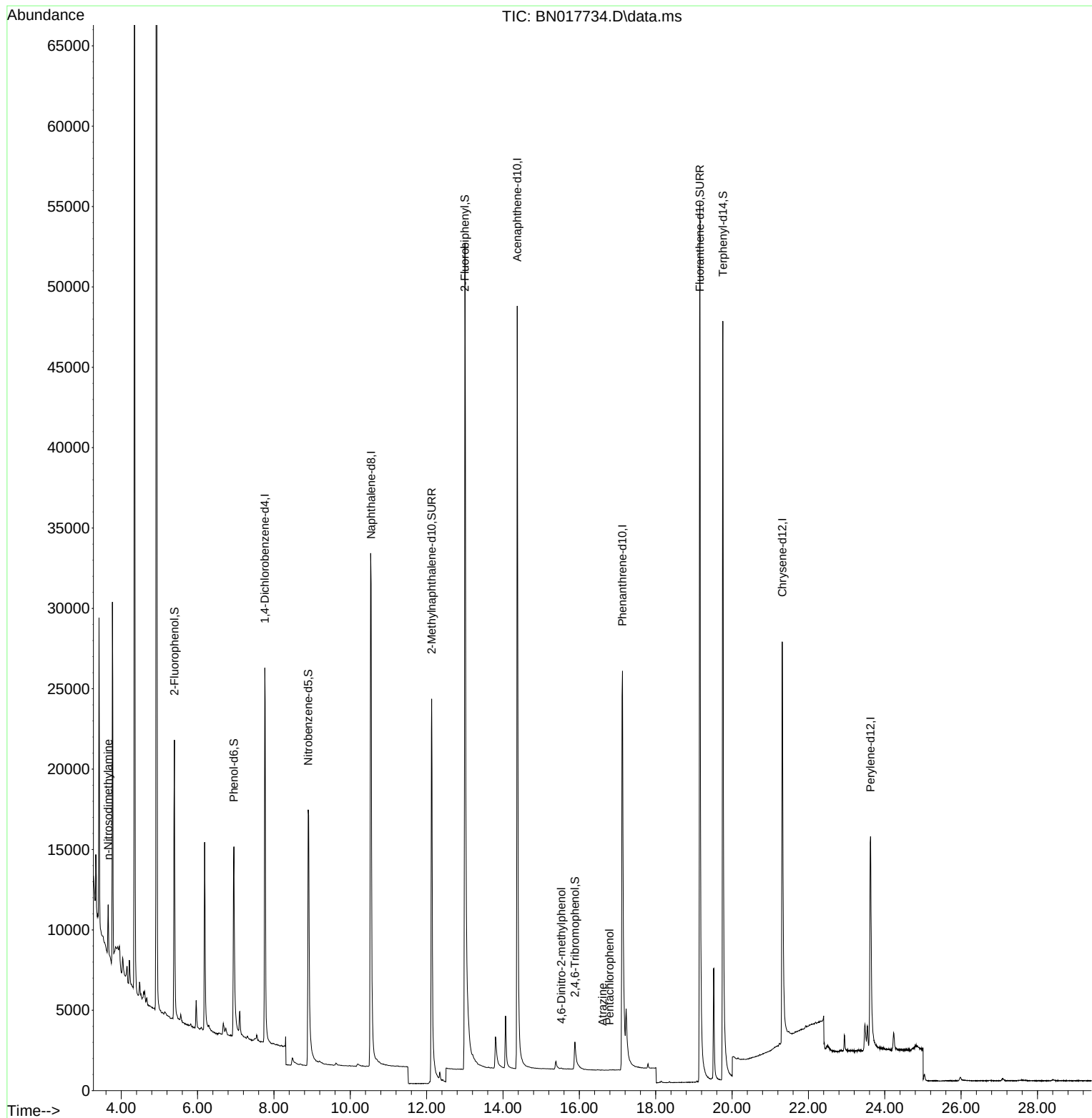
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	13835	0.400	ng	0.00
7) Naphthalene-d8	10.545	136	59432	0.400	ng	0.01
13) Acenaphthene-d10	14.373	164	34982	0.400	ng	0.00
19) Phenanthrene-d10	17.129	188	61183	0.400	ng	0.01
29) Chrysene-d12	21.314	240	40716	0.400	ng	# 0.01
35) Perylene-d12	23.627	264	24965	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	13863	0.467	ng	0.04
5) Phenol-d6	6.950	99	14153	0.445	ng	0.02
8) Nitrobenzene-d5	8.897	82	20945	0.521	ng	0.00
11) 2-Methylnaphthalene-d10	12.130	152	46095	0.423	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	2929	0.272	ng	0.01
15) 2-Fluorobiphenyl	13.003	172	65089	0.502	ng	0.00
27) Fluoranthene-d10	19.154	212	91699	0.445	ng	0.00
31) Terphenyl-d14	19.760	244	74553	0.714	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.658	42	535	0.041	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.527	198	2	0.108	ng	# 1
23) Atrazine	16.606	200	6	0.098	ng	# 1
24) Pentachlorophenol	16.788	266	15	0.161	ng	# 7

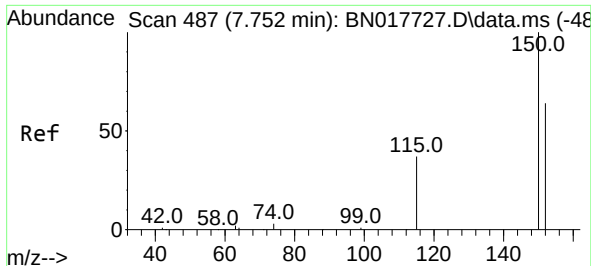
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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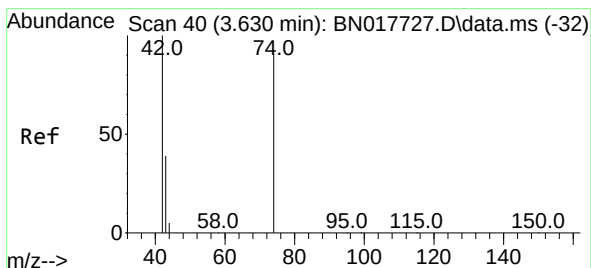
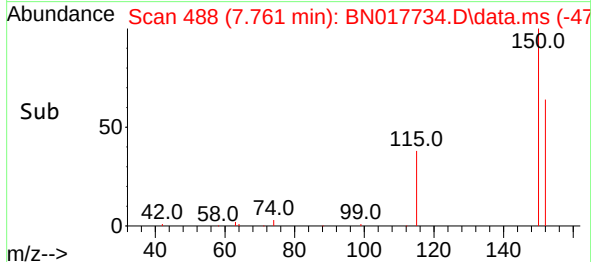
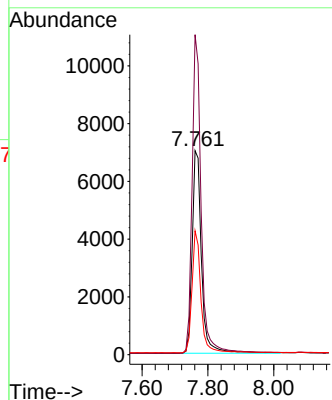
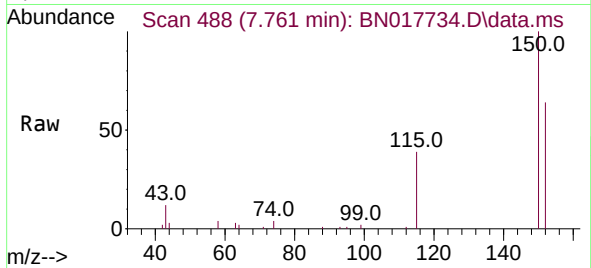




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.761 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

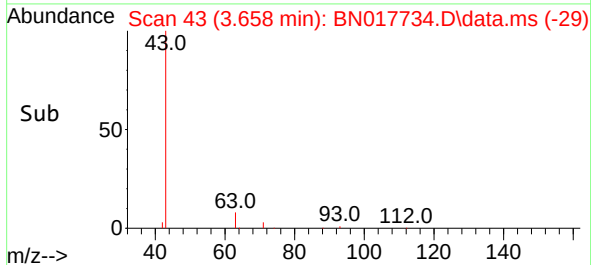
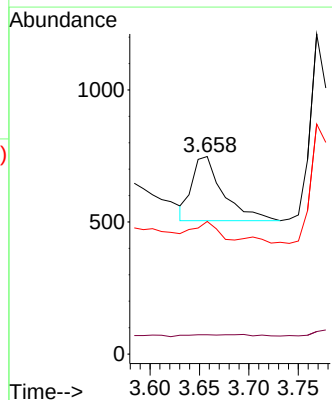
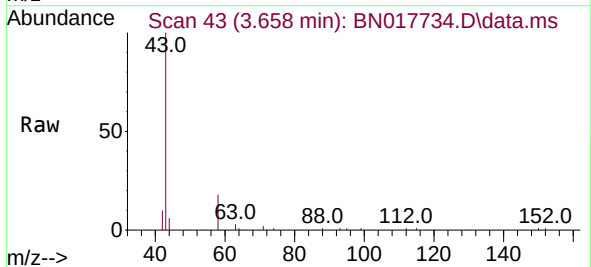
Instrument :
BNA_N
ClientSampleId :
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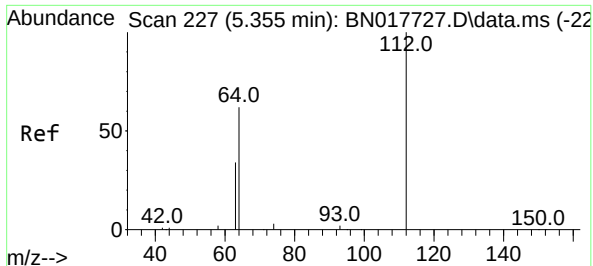
Tgt Ion:152 Resp: 13835
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.4
115 60.7 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.658 min Scan# 43
Delta R.T. 0.027 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

Tgt Ion: 42 Resp: 535
Ion Ratio Lower Upper
42 100
74 3.2 97.8 146.6#
44 20.6 5.5 8.3#

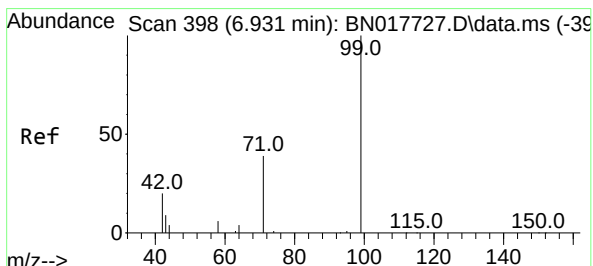
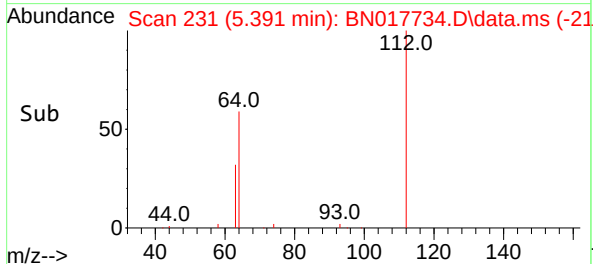
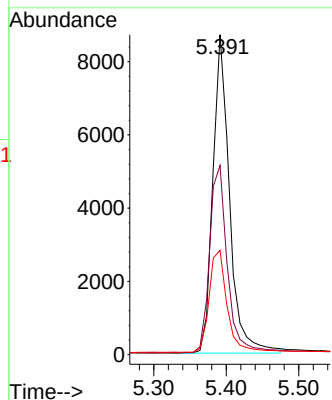
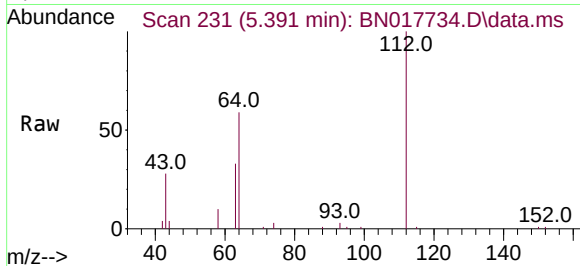




#4
2-Fluorophenol
Concen: 0.467 ng
RT: 5.391 min Scan# 21
Delta R.T. 0.037 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

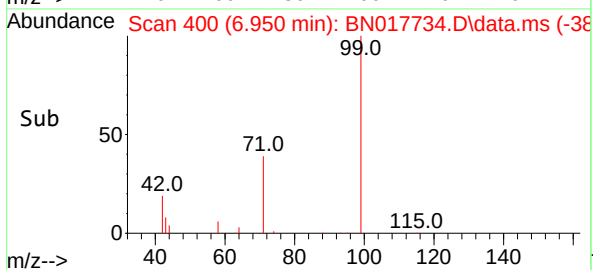
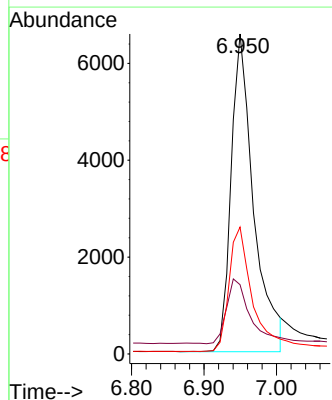
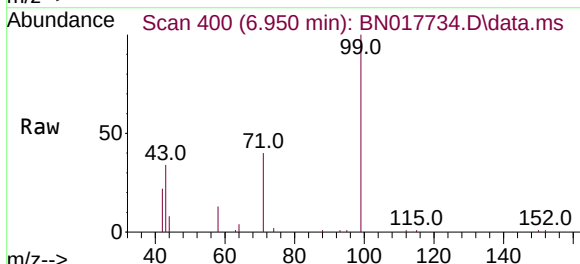
Instrument :
BNA_N
ClientSampleId :
SP5770

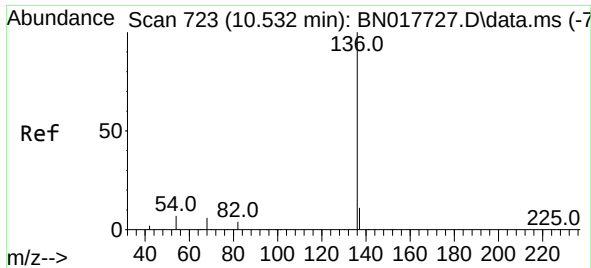
Tgt Ion:112 Resp: 13863
Ion Ratio Lower Upper
112 100
64 62.7 47.6 71.4
63 34.6 24.6 37.0



#5
Phenol-d6
Concen: 0.445 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

Tgt Ion: 99 Resp: 14153
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 39.9 24.8 37.2#

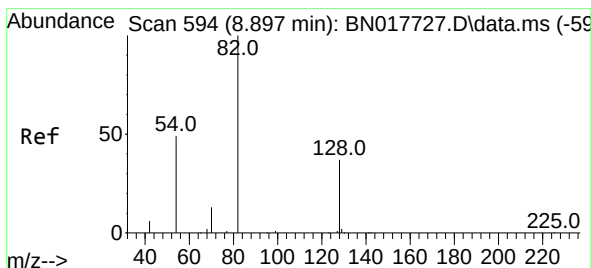
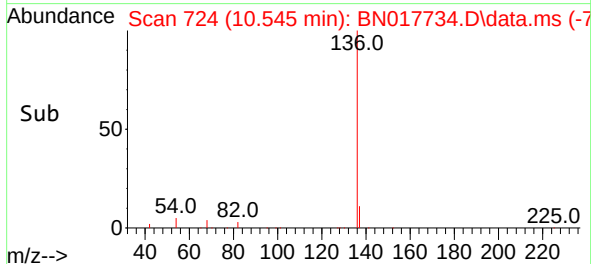
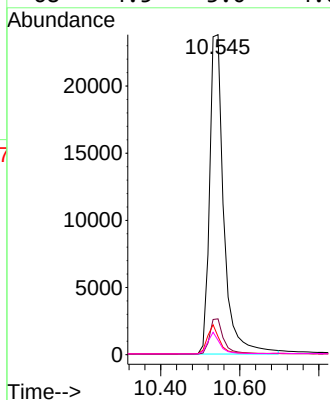
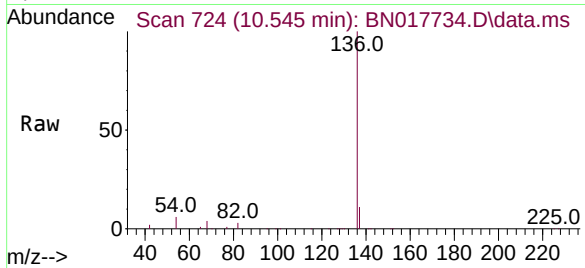




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.545 min Scan# 71
Delta R.T. 0.012 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

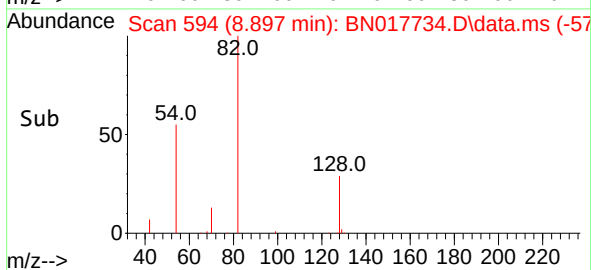
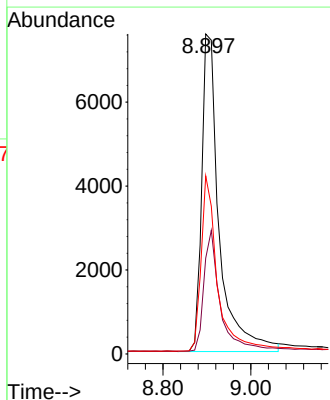
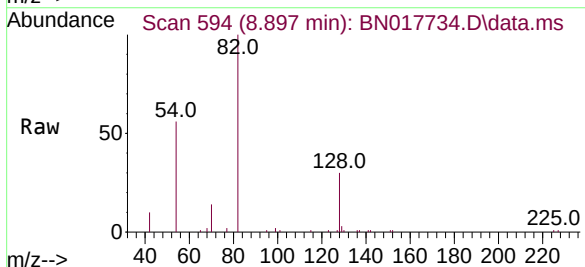
Instrument :
BNA_N
ClientSampleId :
SP5770

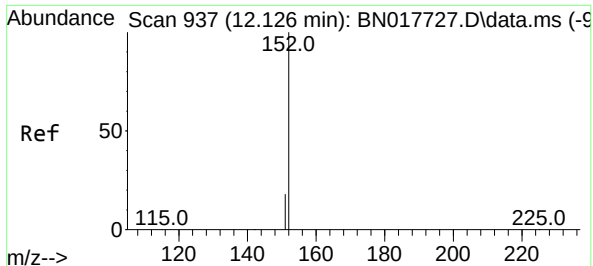
Tgt Ion:	136	Resp:	59432
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	5.7	4.0	6.0
68	4.5	3.0	4.6



#8
Nitrobenzene-d5
Concen: 0.521 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

Tgt Ion:	82	Resp:	20945
Ion Ratio	Lower	Upper	
82	100		
128	30.0	27.7	41.5
54	55.7	49.2	73.8





#11

2-Methylnaphthalene-d10

Concen: 0.423 ng

RT: 12.130 min Scan# 91

Delta R.T. 0.004 min

Lab File: BN017734.D

Acq: 06 Dec 2021 16:53

Instrument :

BNA_N

ClientSampleId :

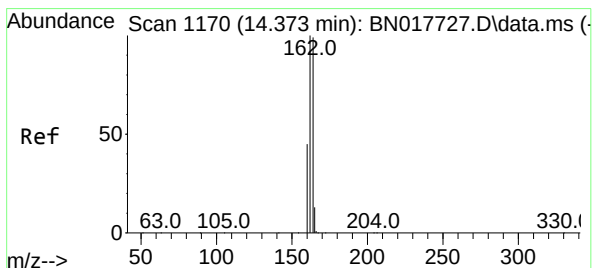
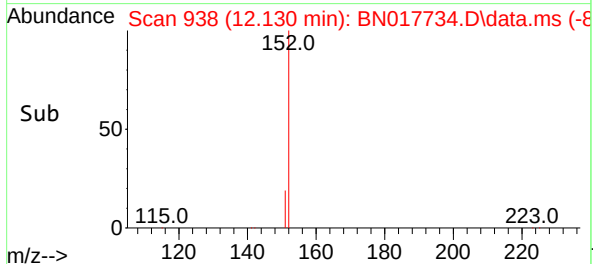
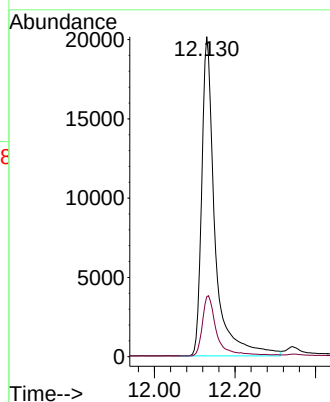
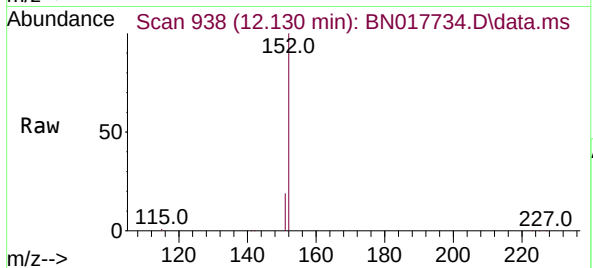
SP5770

Tgt Ion:152 Resp: 46095

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.373 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BN017734.D

Acq: 06 Dec 2021 16:53

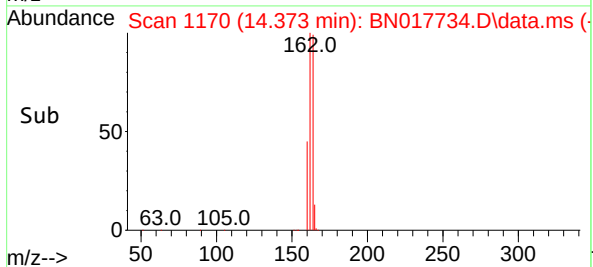
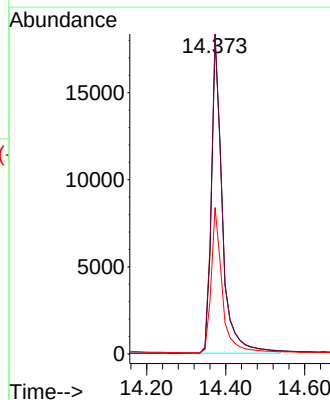
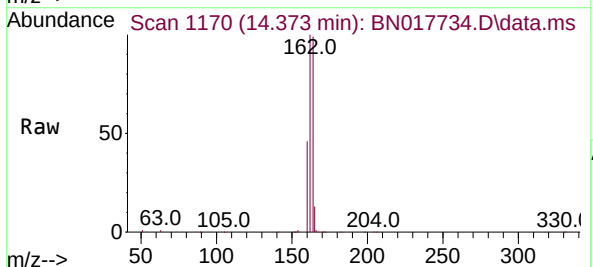
Tgt Ion:164 Resp: 34982

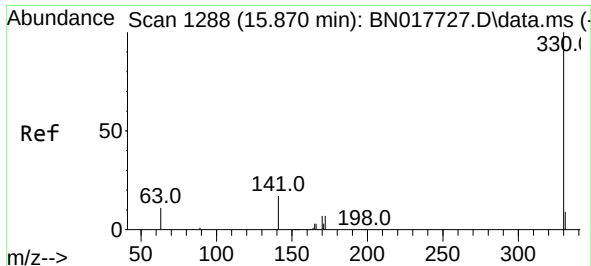
Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.2

160 46.3 36.8 55.2

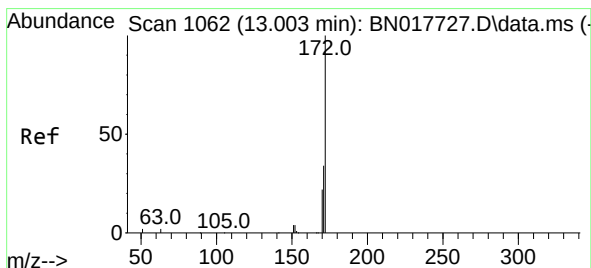
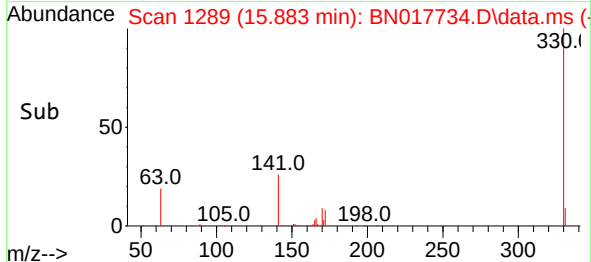
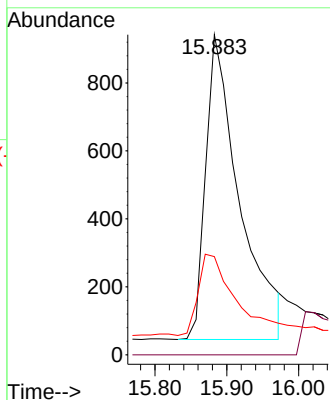
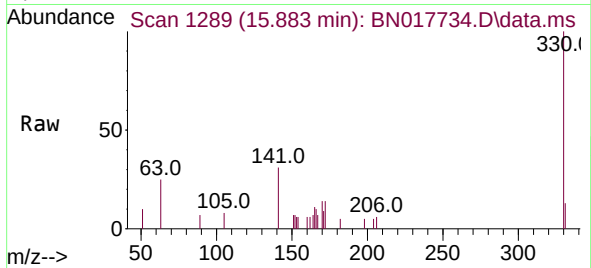




#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.883 min Scan# 1289
 Delta R.T. 0.013 min
 Lab File: BN017734.D
 Acq: 06 Dec 2021 16:53

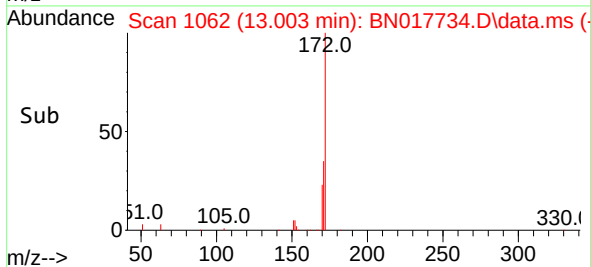
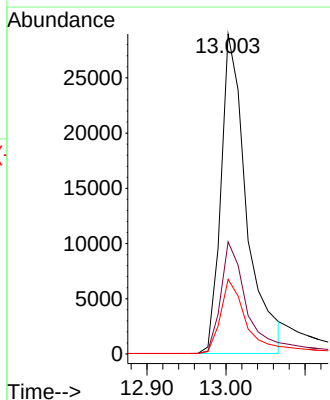
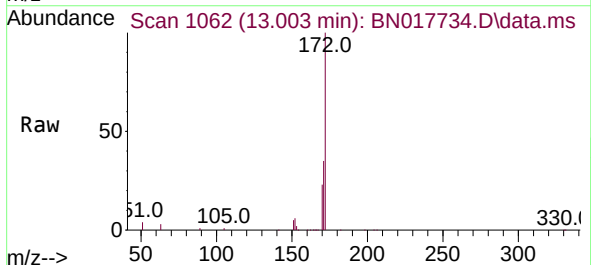
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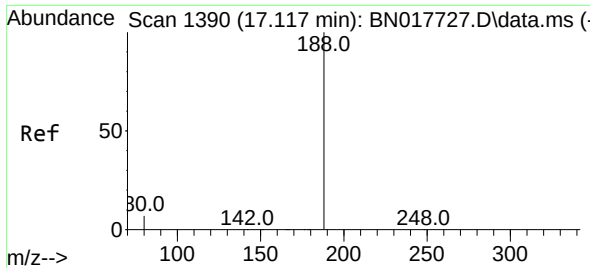
Tgt Ion: 330 Resp: 2929
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 29.0 28.9 43.3



#15
 2-Fluorobiphenyl
 Concen: 0.502 ng
 RT: 13.003 min Scan# 1062
 Delta R.T. -0.000 min
 Lab File: BN017734.D
 Acq: 06 Dec 2021 16:53

Tgt Ion: 172 Resp: 65089
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.7 43.1
 170 23.3 19.4 29.2

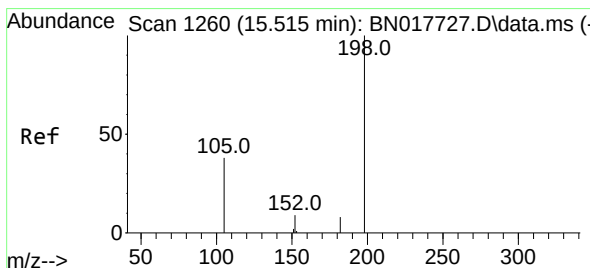
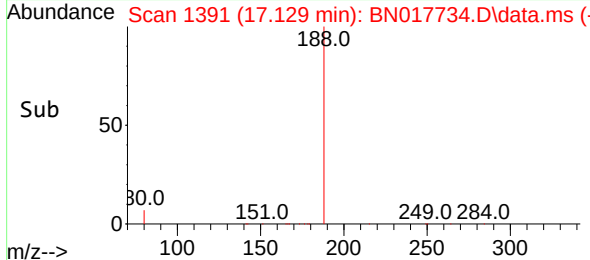
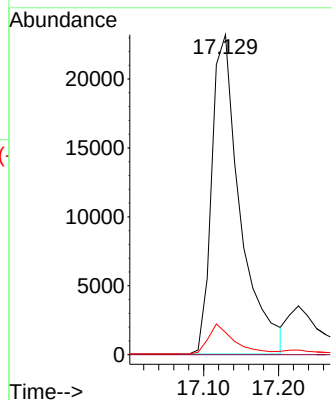
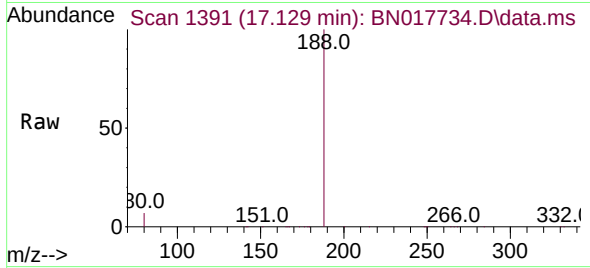




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.129 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

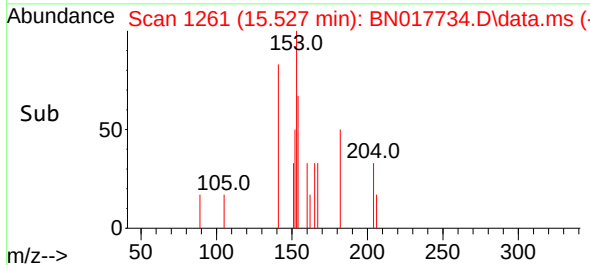
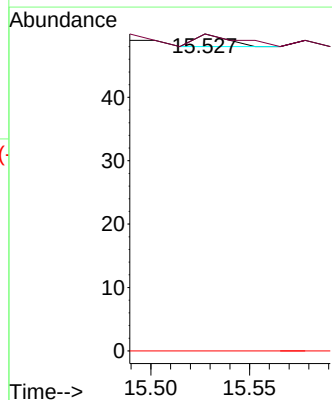
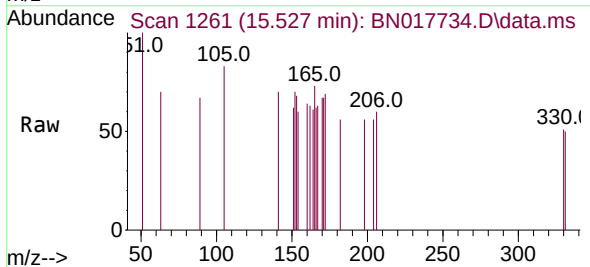
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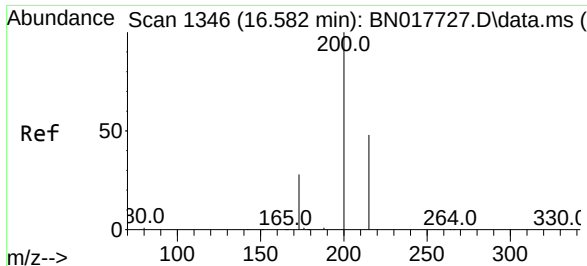
Tgt Ion:188 Resp: 61183
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.108 ng
RT: 15.527 min Scan# 1261
Delta R.T. 0.012 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

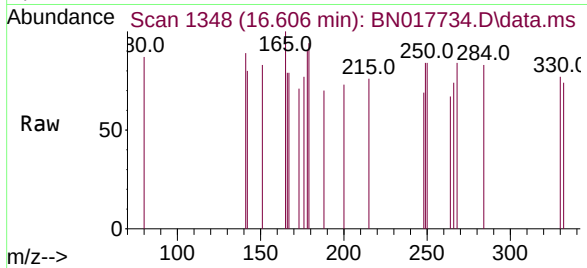
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 100.0 11.4 17.2#
77 0.0 0.0 0.0



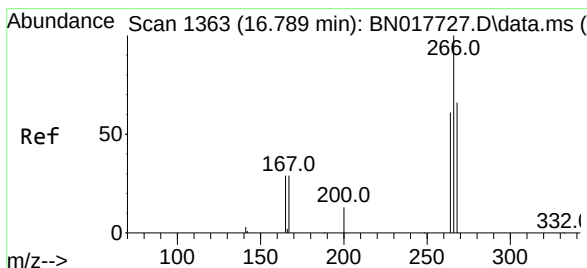
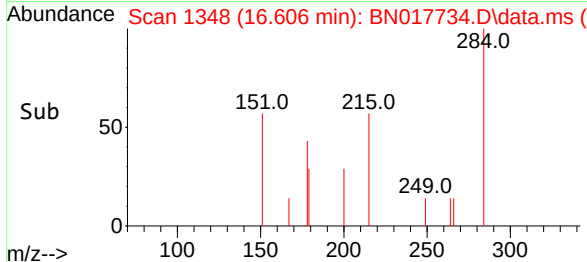
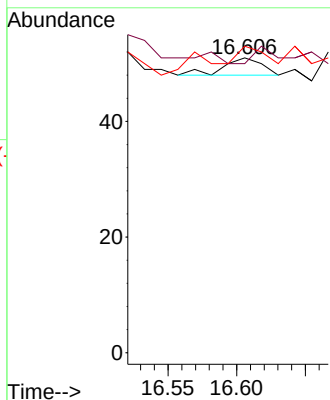


#23
 Atrazine
 Concen: 0.098 ng
 RT: 16.606 min Scan# 1348
 Delta R.T. 0.024 min
 Lab File: BN017734.D
 Acq: 06 Dec 2021 16:53

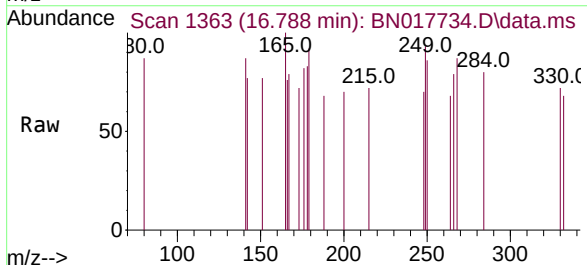
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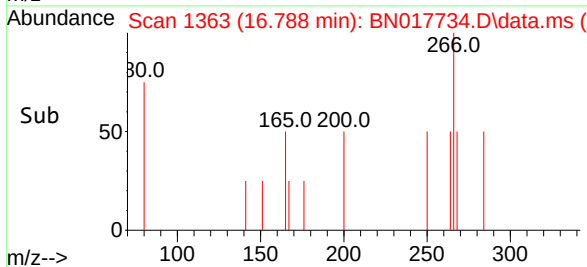
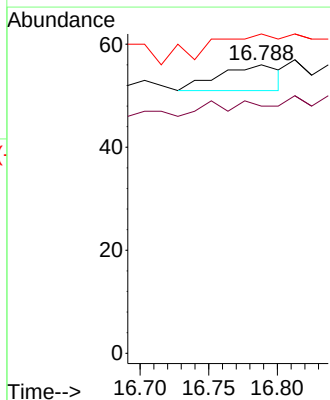
Tgt Ion:200 Resp: 6
 Ion Ratio Lower Upper
 200 100
 173 98.0 17.6 26.4#
 215 103.9 40.2 60.4#

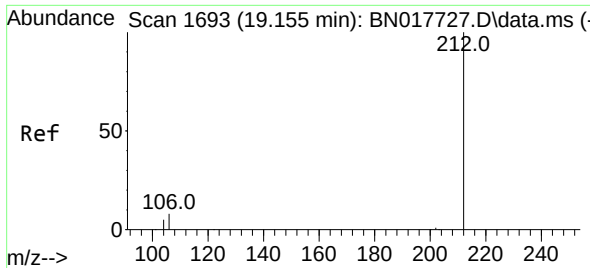


#24
 Pentachlorophenol
 Concen: 0.161 ng
 RT: 16.788 min Scan# 1363
 Delta R.T. -0.001 min
 Lab File: BN017734.D
 Acq: 06 Dec 2021 16:53



Tgt Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.8 74.8#
 268 146.7 51.3 76.9#

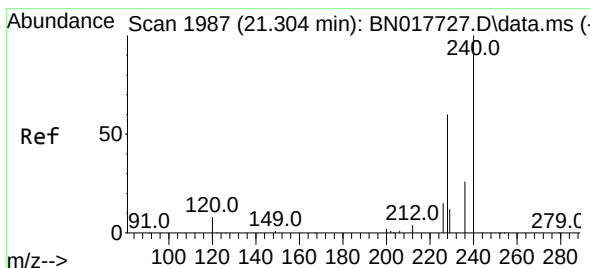
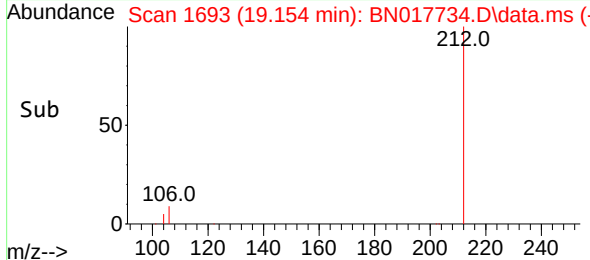
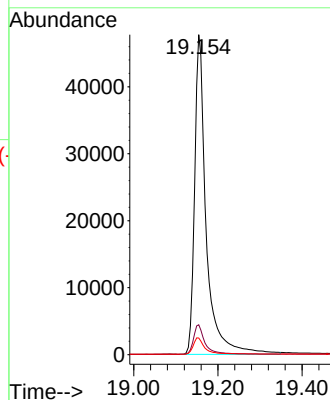
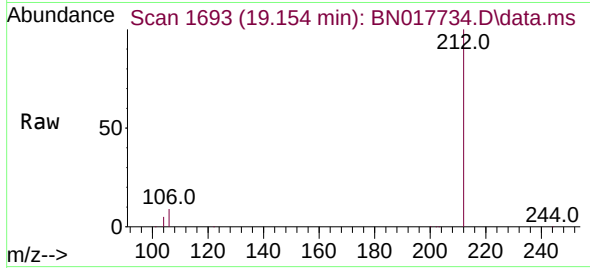




#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 19.154 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

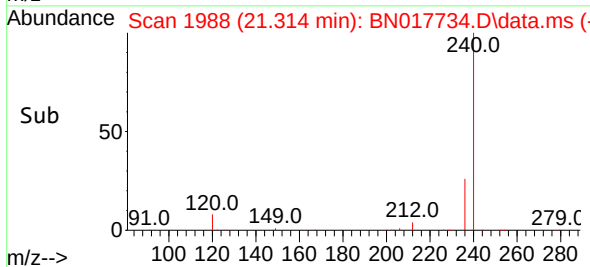
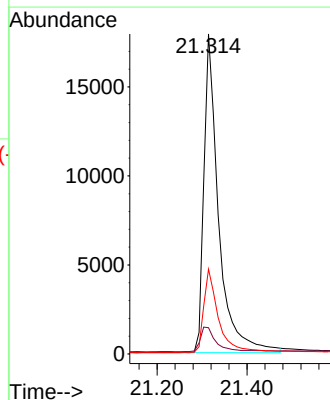
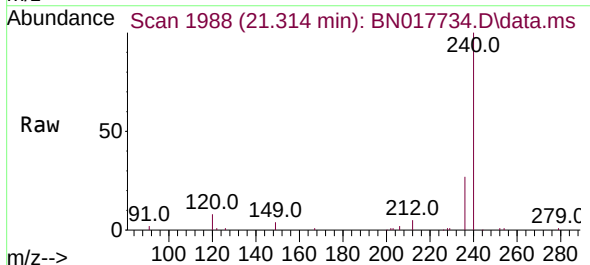
Instrument :
BNA_N
ClientSampleId :
SP5770

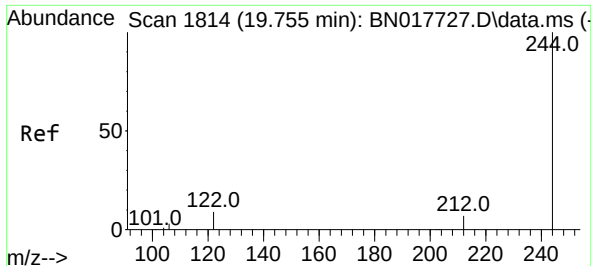
Tgt Ion:212 Resp: 91699
Ion Ratio Lower Upper
212 100
106 9.3 10.5 15.7#
104 5.1 5.8 8.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 1988
Delta R.T. 0.010 min
Lab File: BN017734.D
Acq: 06 Dec 2021 16:53

Tgt Ion:240 Resp: 40716
Ion Ratio Lower Upper
240 100
120 8.2 4.2 6.2#
236 26.5 20.0 30.0

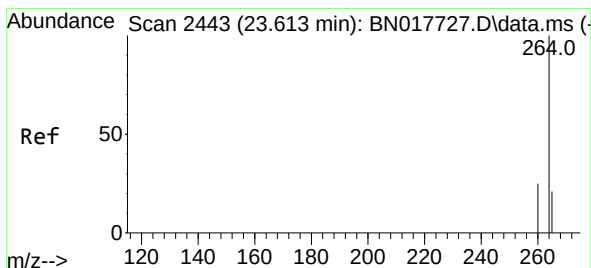
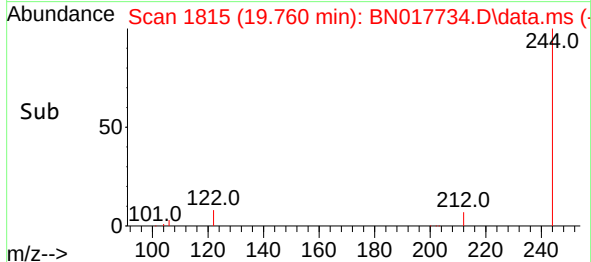
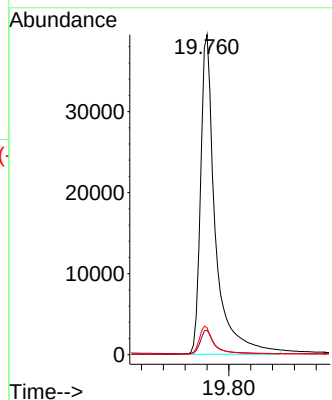
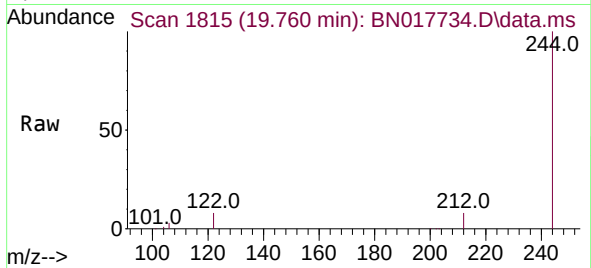




#31
 Terphenyl-d14
 Concen: 0.714 ng
 RT: 19.760 min Scan# 1814
 Delta R.T. 0.005 min
 Lab File: BN017734.D
 Acq: 06 Dec 2021 16:53

Instrument :
 BNA_N
 ClientSampleId :
 SP5770

Tgt Ion:244 Resp: 74553
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 8.4 8.6 13.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.627 min Scan# 2447
 Delta R.T. 0.013 min
 Lab File: BN017734.D
 Acq: 06 Dec 2021 16:53

Tgt Ion:264 Resp: 24965
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 36.1 18.6 28.0#

