

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017801.D
 Acq On : 08 Dec 2021 15:59
 Operator : CG/JU
 Sample : M4924-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20211202

Quant Time: Dec 09 11:04:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

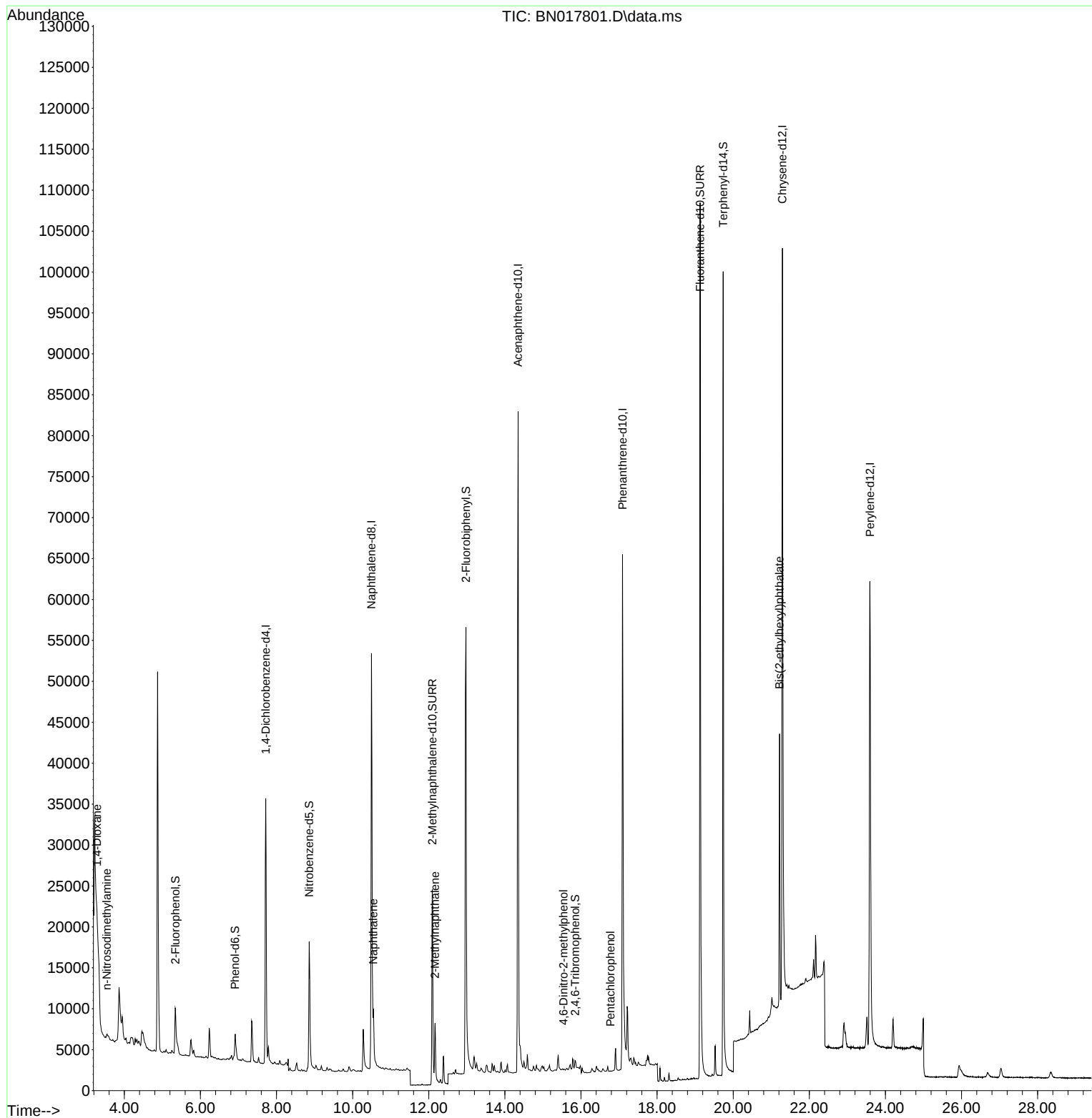
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19323	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	78035	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	53784	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	113061	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	112757	0.400	ng	# 0.01
35) Perylene-d12	23.592	264	93266	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	6372	0.137	ng	0.02
5) Phenol-d6	6.913	99	3373	0.076	ng	0.00
8) Nitrobenzene-d5	8.859	82	16734	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	40063	0.257	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1406	0.050	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	61054	0.310	ng	0.01
27) Fluoranthene-d10	19.129	212	146662	0.388	ng	0.00
31) Terphenyl-d14	19.735	244	123782	0.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.280	88	2436	0.342	ng	# 100
3) n-Nitrosodimethylamine	3.538	42	415	0.021	ng	# 1
9) Naphthalene	10.545	128	8041	0.039	ng	96
12) 2-Methylnaphthalene	12.165	142	5993	0.041	ng	97
20) 4,6-Dinitro-2-methylph...	15.540	198	17	0.096	ng	# 13
24) Pentachlorophenol	16.776	266	49	0.281	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.219	149	28882	0.184	ng	99

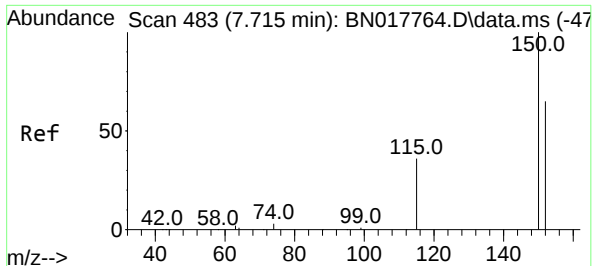
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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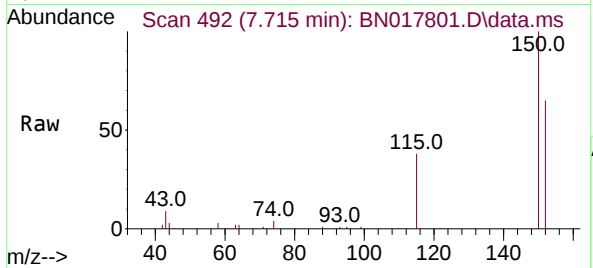
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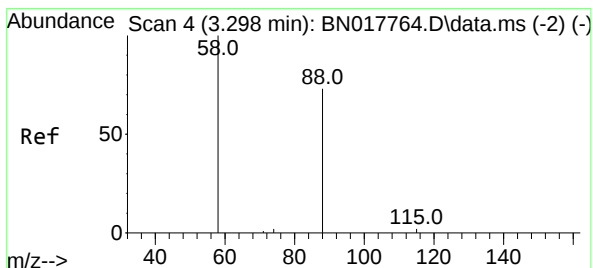
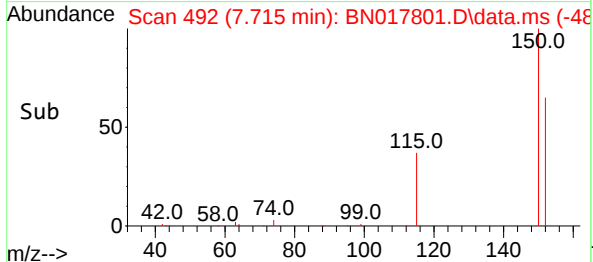
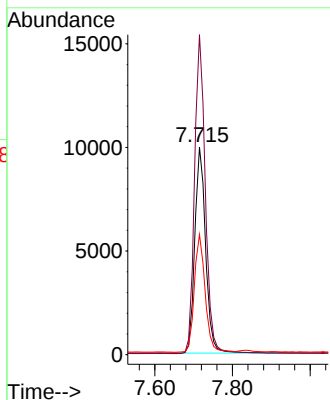


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017801.D
 Acq: 08 Dec 2021 15:59

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20211202

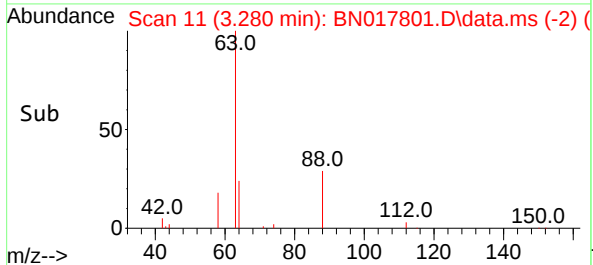
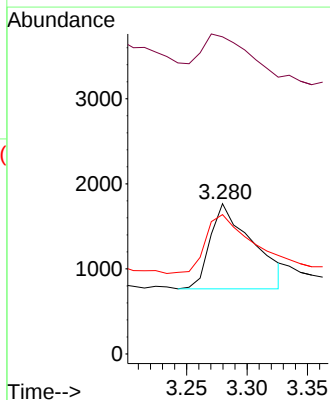
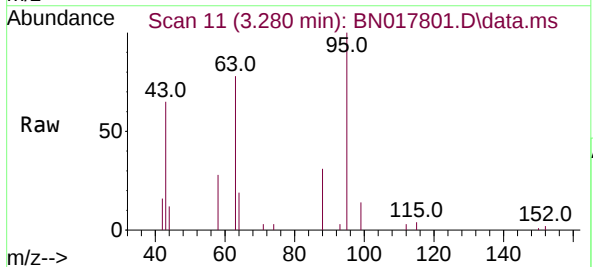


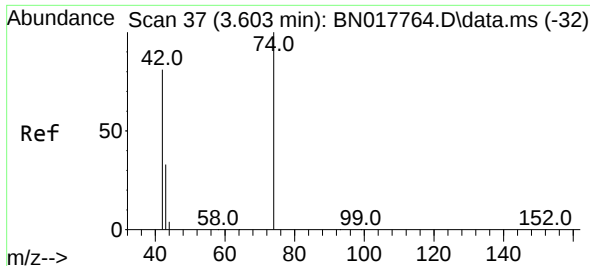
Tgt Ion:152 Resp: 19323
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.0 184.4
 115 57.9 45.3 67.9



#2
 1,4-Dioxane
 Concen: 0.342 ng
 RT: 3.280 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: BN017801.D
 Acq: 08 Dec 2021 15:59

Tgt Ion: 88 Resp: 2436
 Ion Ratio Lower Upper
 88 100
 43 52.1 0.0 0.0#
 58 75.2 0.0 0.0#

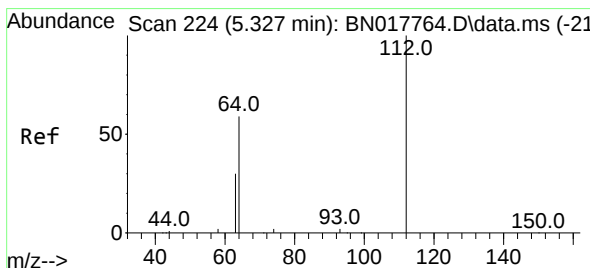
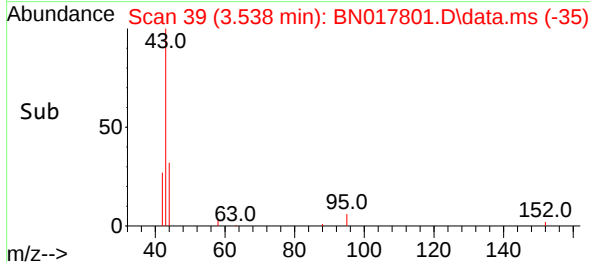
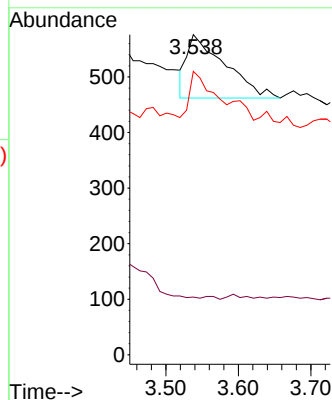
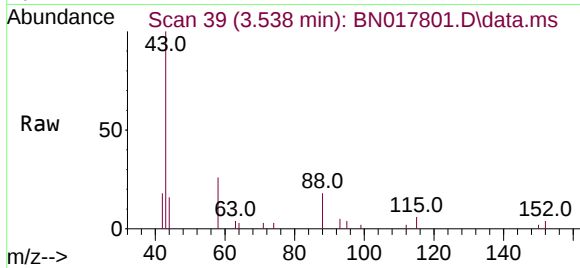




#3
 n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.538 min Scan# 34
 Delta R.T. -0.065 min
 Lab File: BN017801.D
 Acq: 08 Dec 2021 15:59

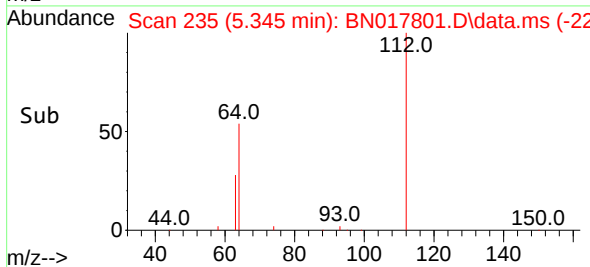
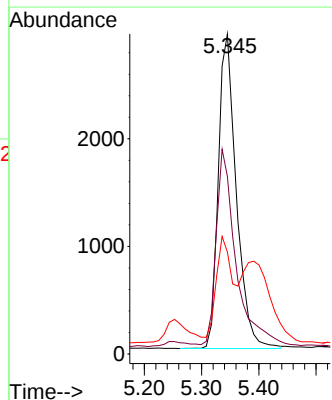
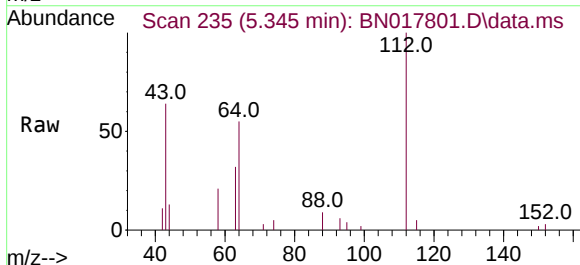
Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20211202

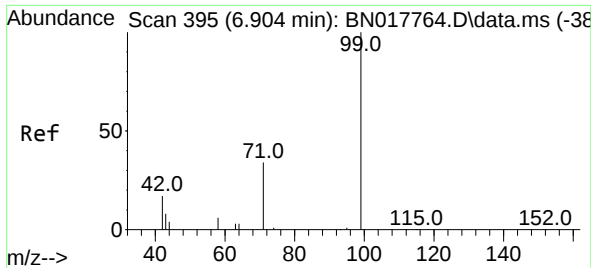
Tgt Ion: 42 Resp: 415
 Ion Ratio Lower Upper
 42 100
 74 0.0 101.3 151.9#
 44 51.8 5.0 7.4#



#4
 2-Fluorophenol
 Concen: 0.137 ng
 RT: 5.345 min Scan# 235
 Delta R.T. 0.018 min
 Lab File: BN017801.D
 Acq: 08 Dec 2021 15:59

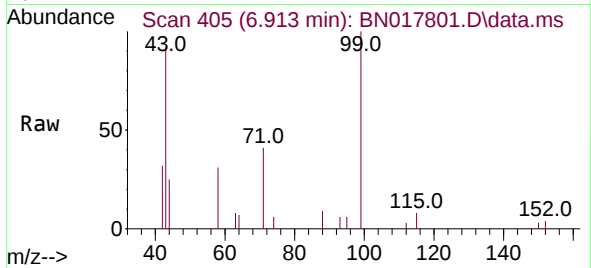
Tgt Ion: 112 Resp: 6372
 Ion Ratio Lower Upper
 112 100
 64 67.0 49.3 73.9
 63 29.8 25.8 38.8





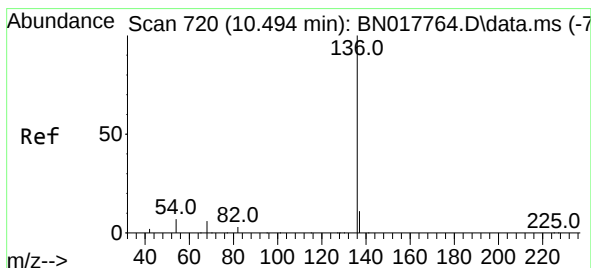
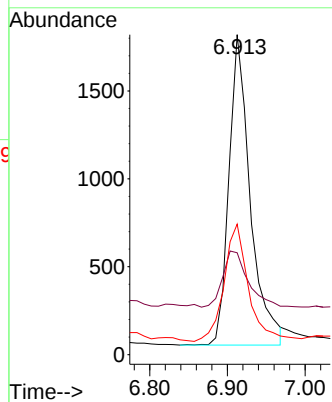
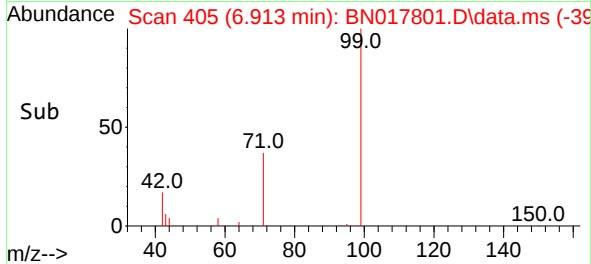
#5
Phenol-d6
Concen: 0.076 ng
RT: 6.913 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202



Tgt Ion: 99 Resp: 3373

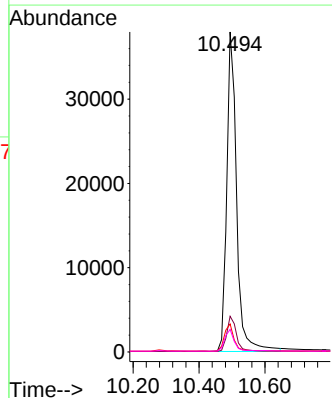
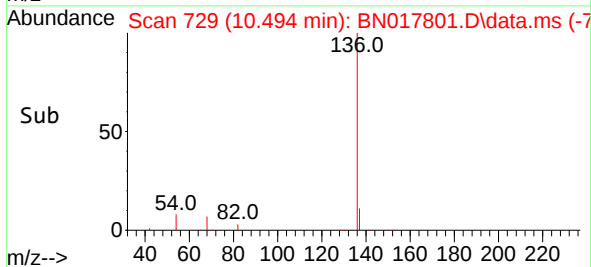
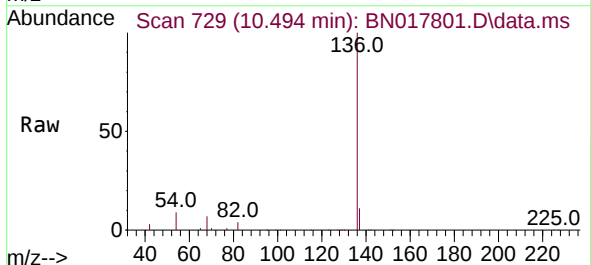
Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	25.0
71	42.7	29.0	43.4

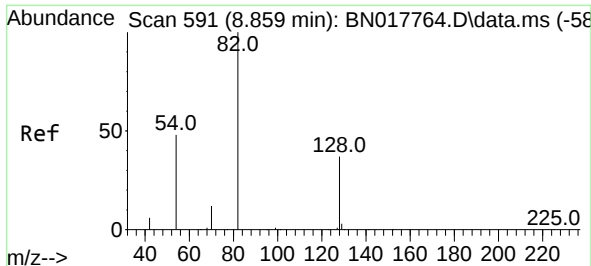


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion: 136 Resp: 78035

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.8	5.9	8.9
68	7.0	5.0	7.6

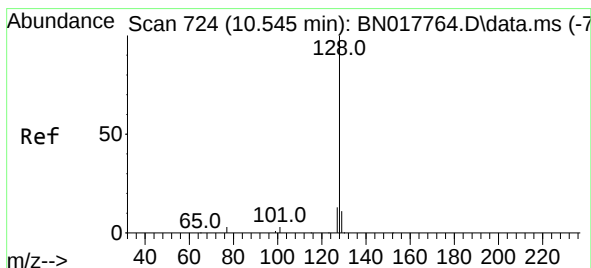
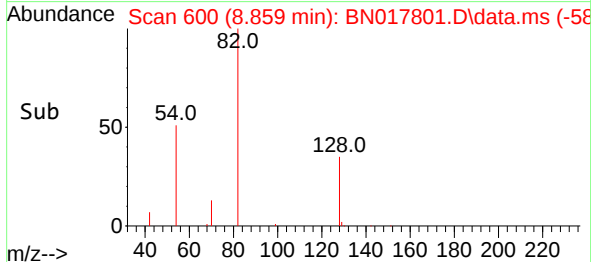
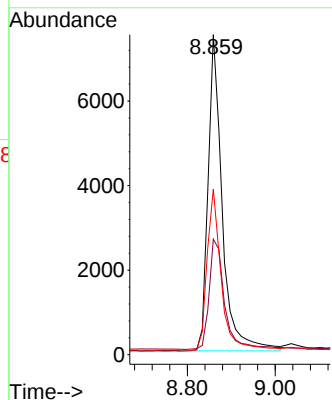
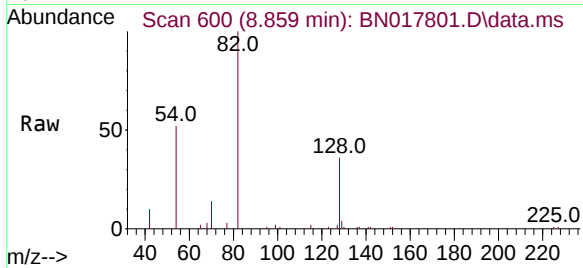




#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

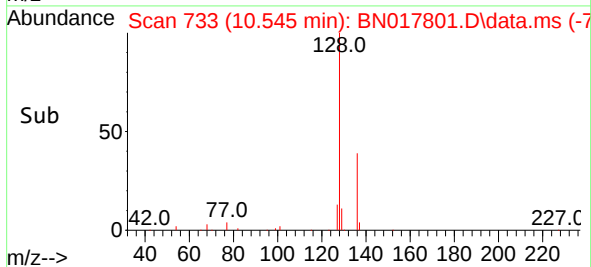
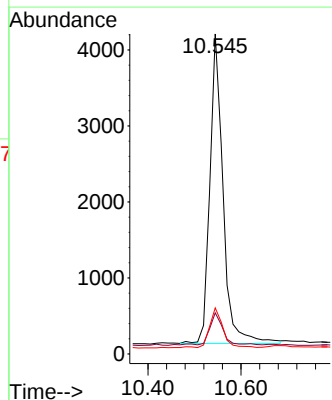
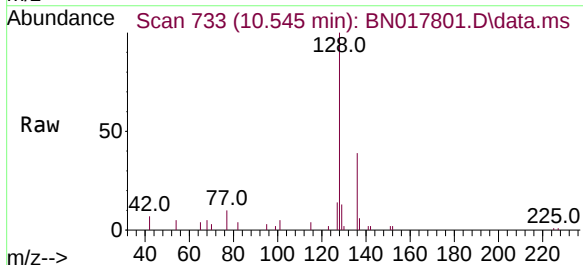
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202

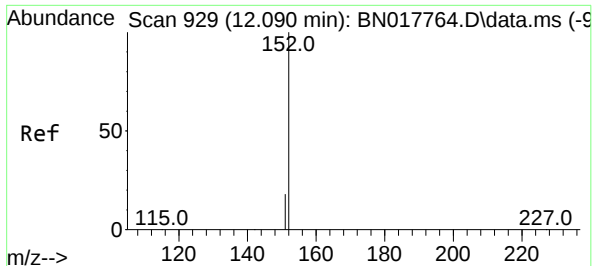
Tgt Ion: 82 Resp: 16734
Ion Ratio Lower Upper
82 100
128 36.1 30.2 45.2
54 51.8 39.0 58.6



#9
Naphthalene
Concen: 0.039 ng
RT: 10.545 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion: 128 Resp: 8041
Ion Ratio Lower Upper
128 100
129 12.9 8.8 13.2
127 14.4 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.257 ng

RT: 12.094 min Scan# 91

Delta R.T. 0.004 min

Lab File: BN017801.D

Acq: 08 Dec 2021 15:59

Instrument :

BNA_N

ClientSampleId :

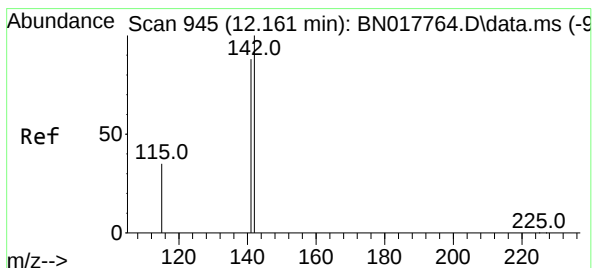
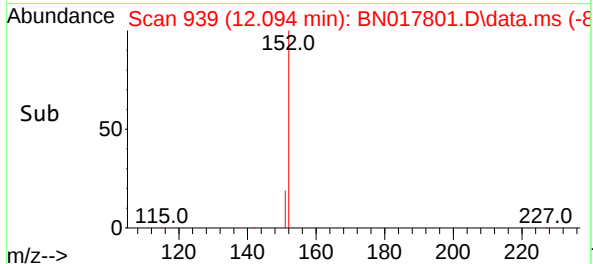
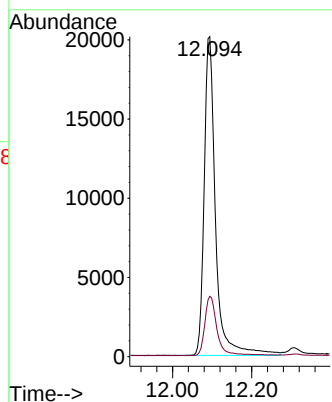
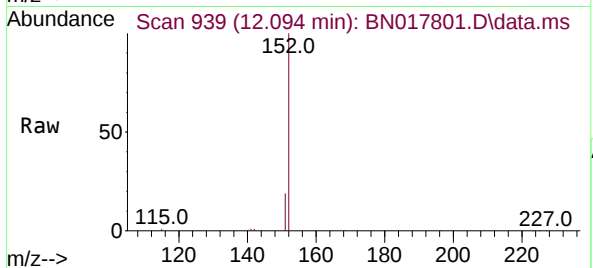
RE135D3-20211202

Tgt Ion:152 Resp: 40063

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.041 ng

RT: 12.165 min Scan# 955

Delta R.T. 0.004 min

Lab File: BN017801.D

Acq: 08 Dec 2021 15:59

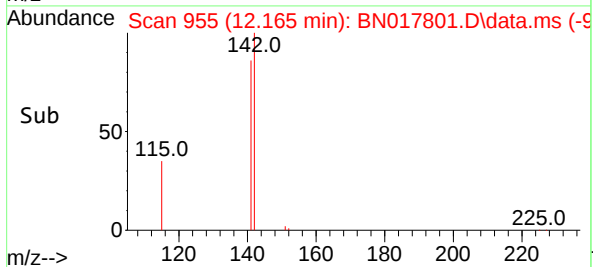
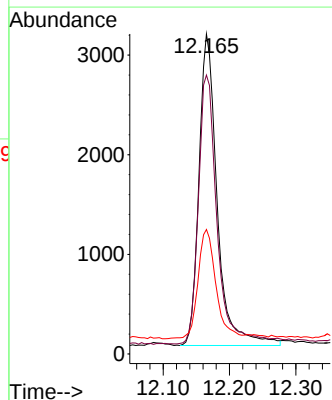
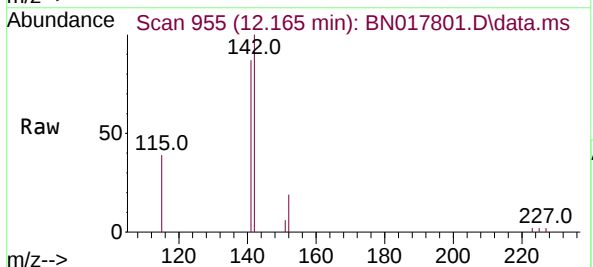
Tgt Ion:142 Resp: 5993

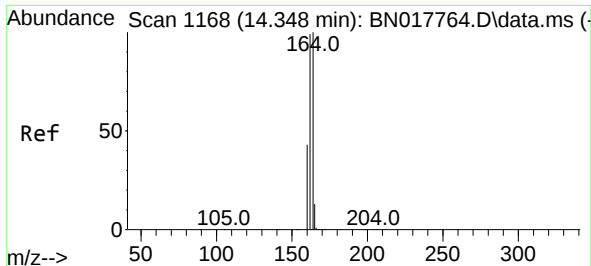
Ion Ratio Lower Upper

142 100

141 87.2 70.5 105.7

115 38.9 28.0 42.0

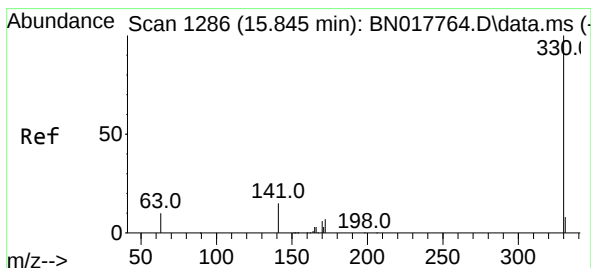
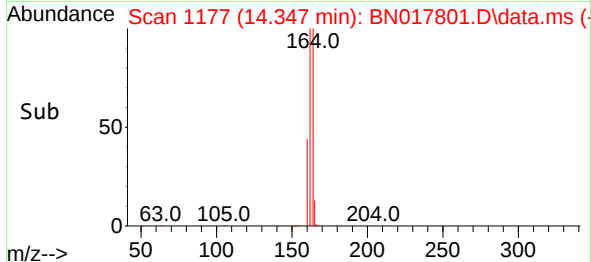
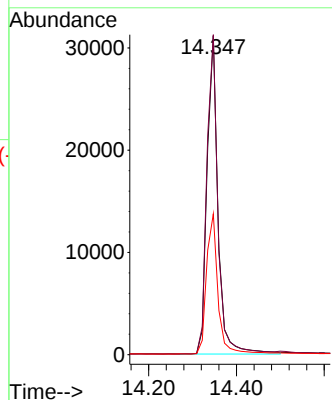
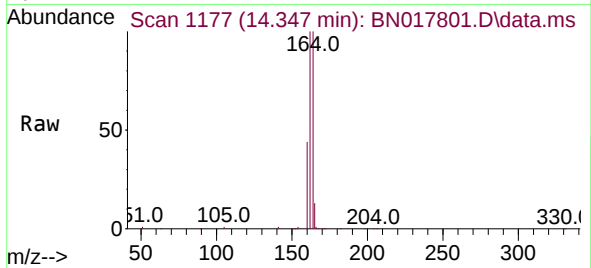




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

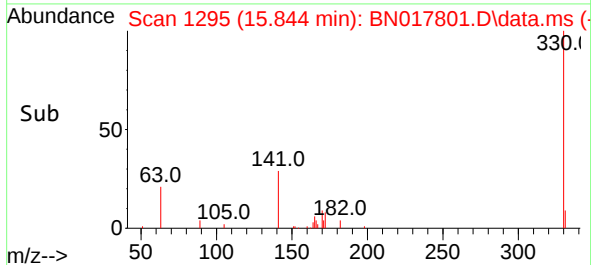
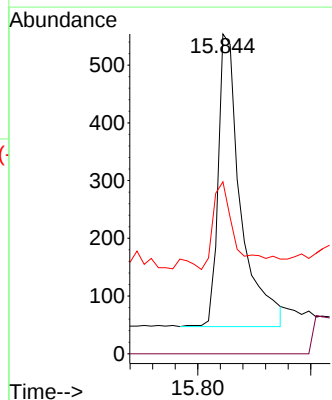
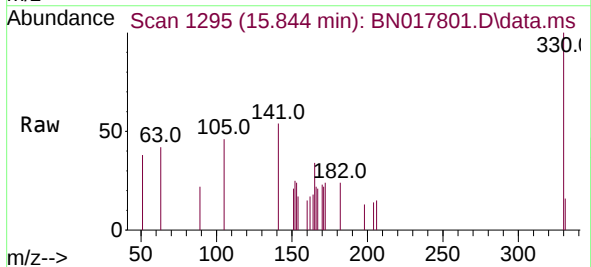
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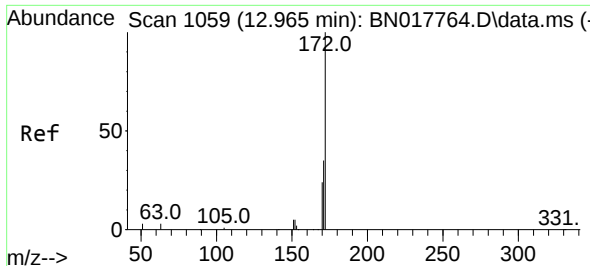
Tgt Ion:164 Resp: 53784
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.6
160 44.2 34.6 52.0



#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion:330 Resp: 1406
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.4 21.5 32.3

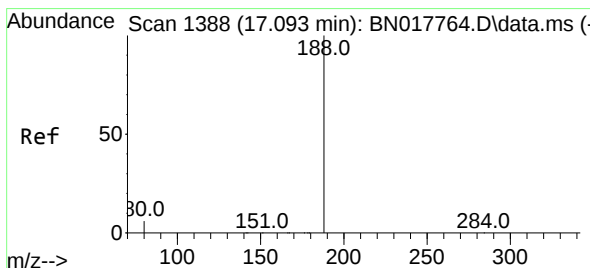
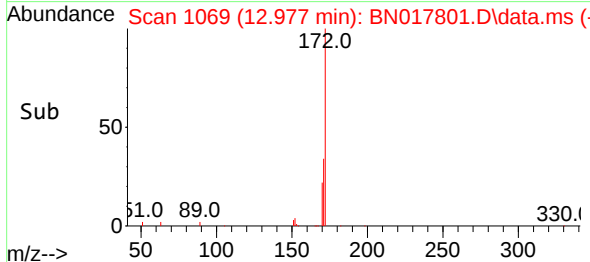
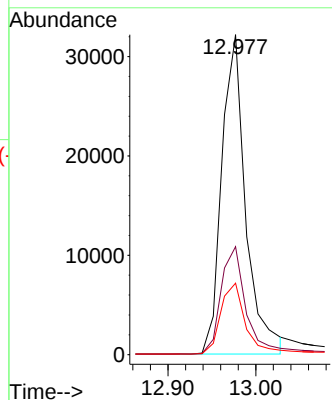
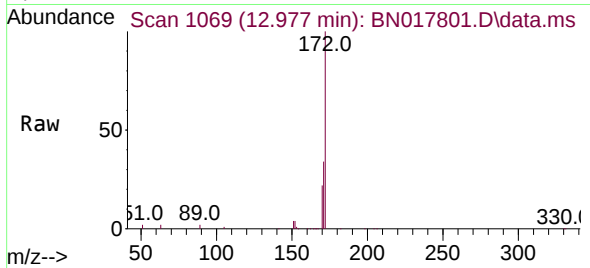




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

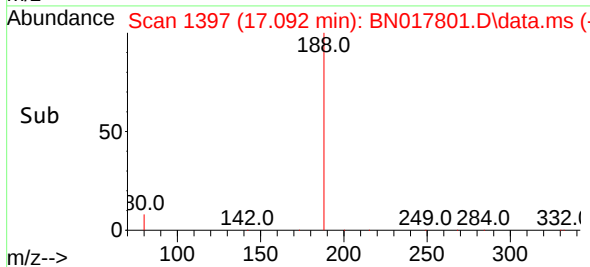
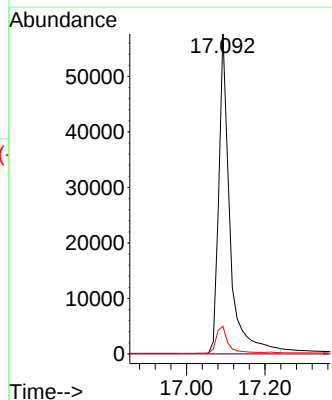
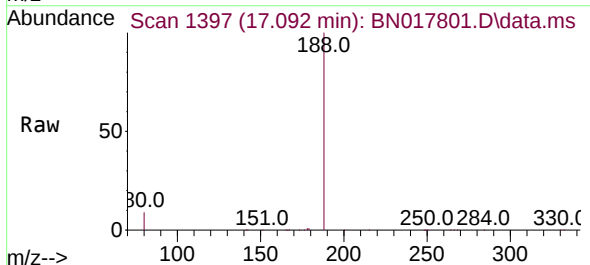
Instrument :
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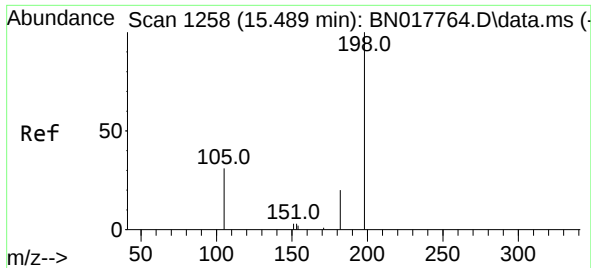
Tgt Ion:172 Resp: 61054
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.4 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion:188 Resp: 113061
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 5.1 7.7#

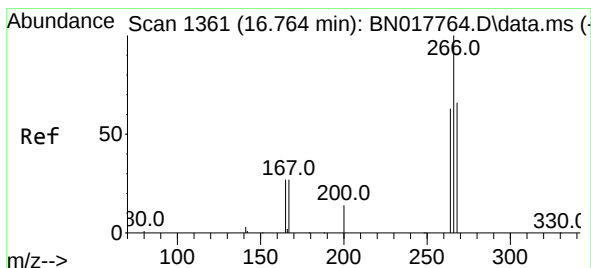
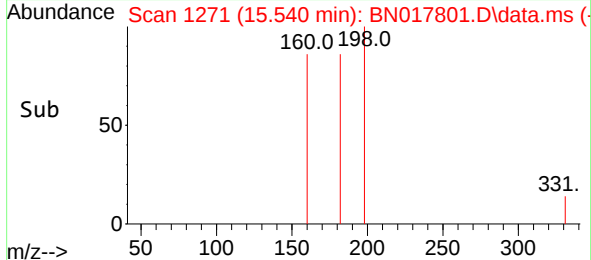
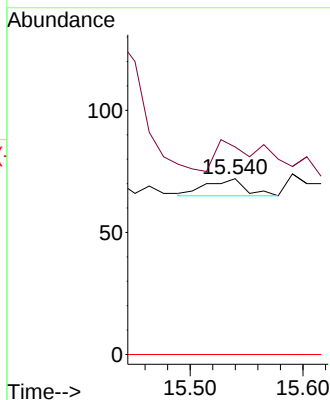
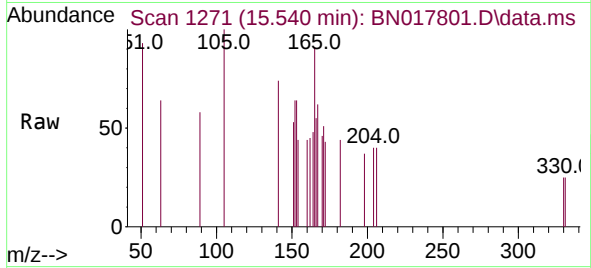




#20
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng
RT: 15.540 min Scan# 11
Delta R.T. 0.051 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

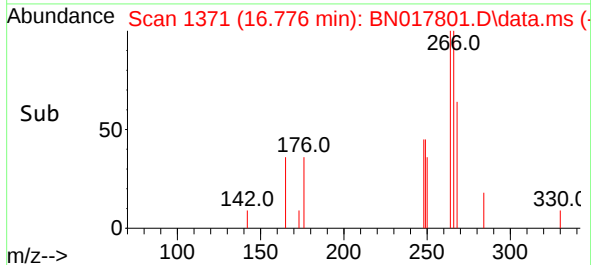
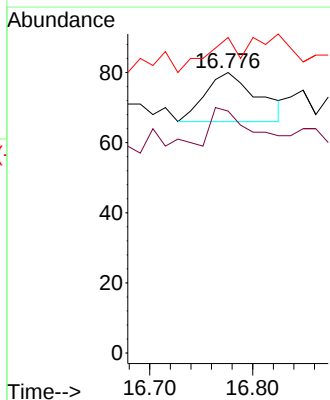
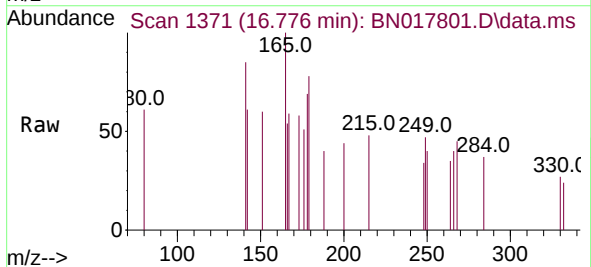
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202

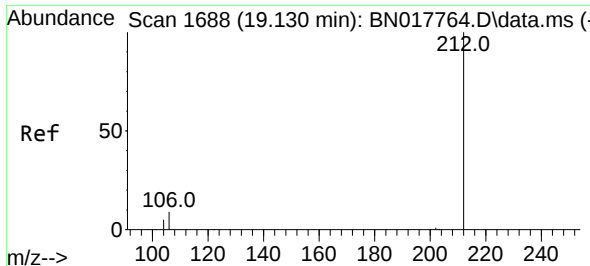
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
182 118.1 44.2 66.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.281 ng
RT: 16.776 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion:266 Resp: 49
Ion Ratio Lower Upper
266 100
264 51.0 50.8 76.2
268 42.9 51.8 77.6#

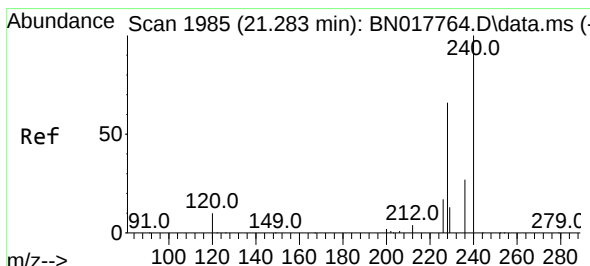
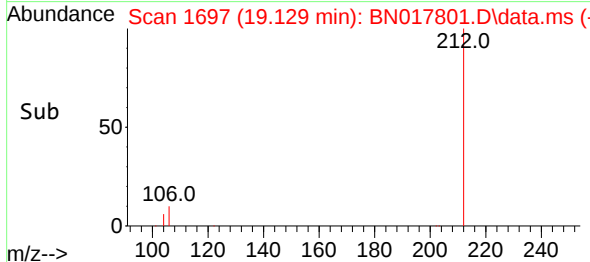
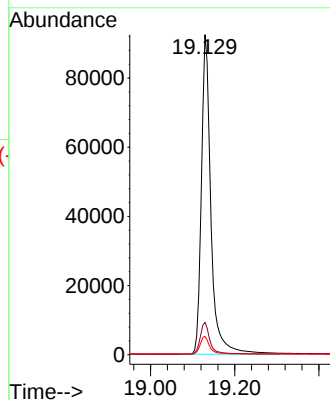
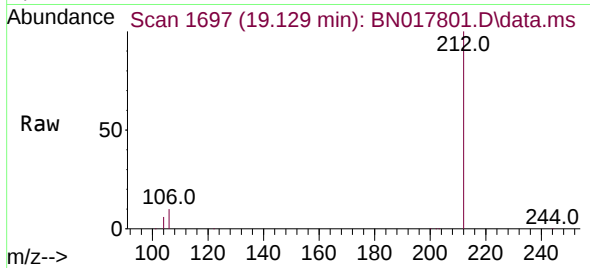




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.129 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

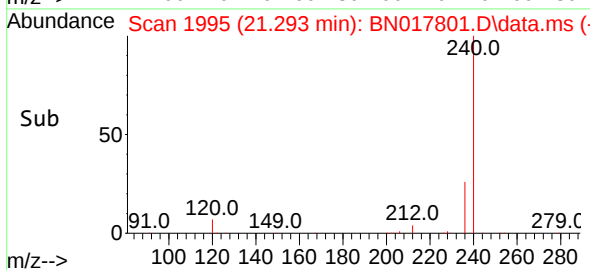
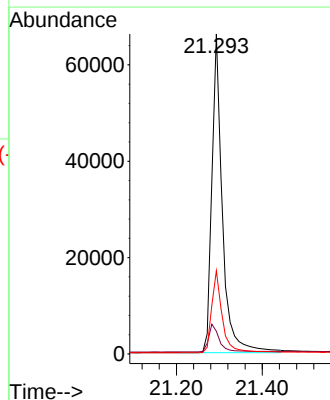
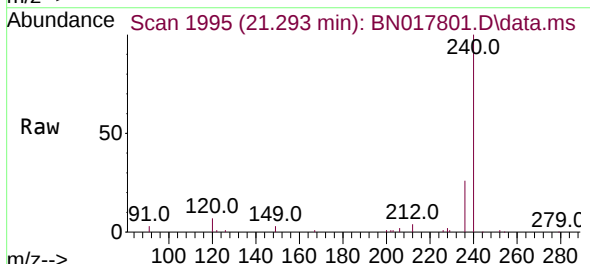
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202

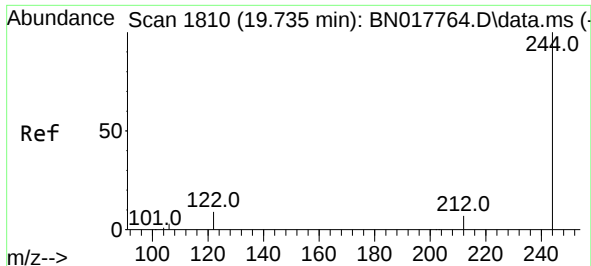
Tgt Ion:212 Resp: 146662
Ion Ratio Lower Upper
212 100
106 10.1 8.2 12.2
104 5.8 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion:240 Resp: 112757
Ion Ratio Lower Upper
240 100
120 7.1 7.9 11.9#
236 26.0 21.4 32.2

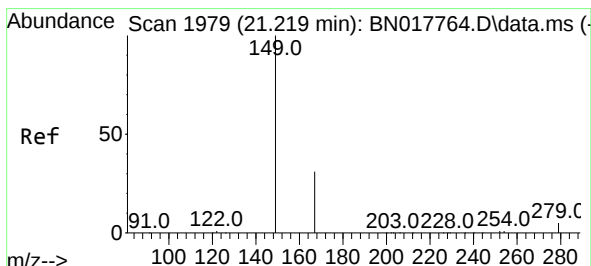
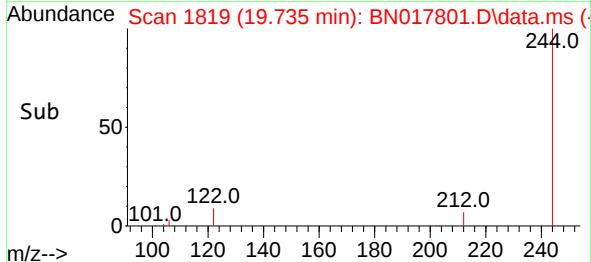
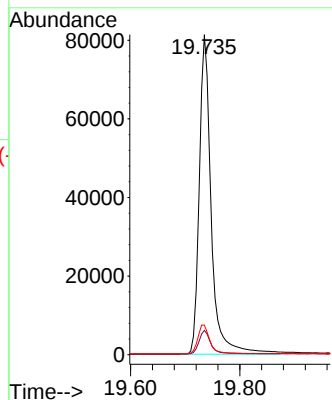
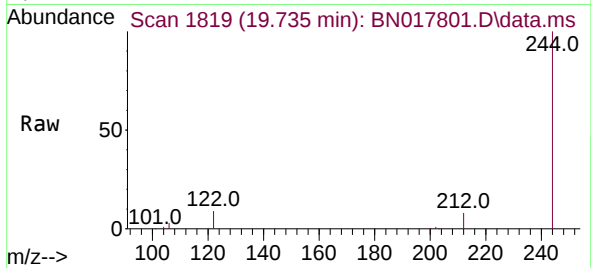




#31
 Terphenyl-d14
 Concen: 0.511 ng
 RT: 19.735 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BN017801.D
 Acq: 08 Dec 2021 15:59

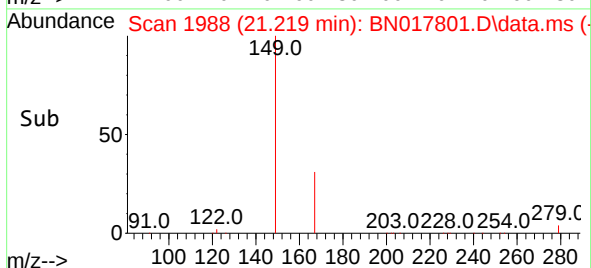
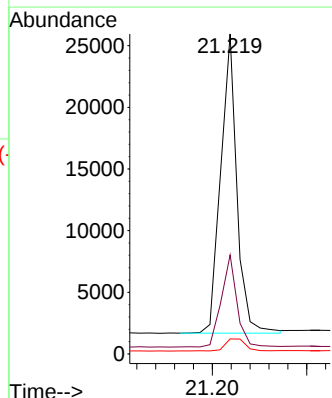
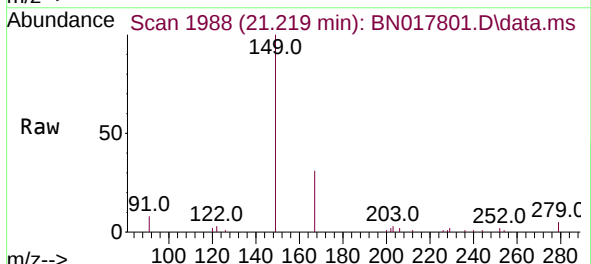
Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20211202

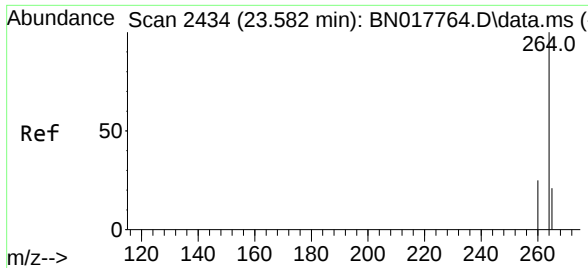
Tgt Ion:244 Resp: 123782
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.3 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.184 ng
 RT: 21.219 min Scan# 1988
 Delta R.T. -0.000 min
 Lab File: BN017801.D
 Acq: 08 Dec 2021 15:59

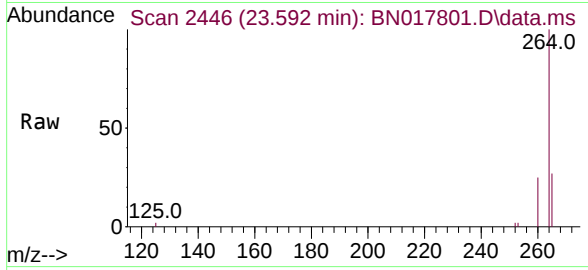
Tgt Ion:149 Resp: 28882
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.5 35.3
 279 5.2 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 24
 Delta R.T. 0.010 min
 Lab File: BN017801.D
 Acq: 08 Dec 2021 15:59

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20211202



Tgt Ion:264 Resp: 93266

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	27.3	20.5	30.7

