

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017918.D
 Acq On : 11 Dec 2021 23:51
 Operator : CG/JU
 Sample : M4956-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202

Quant Time: Dec 12 02:52:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

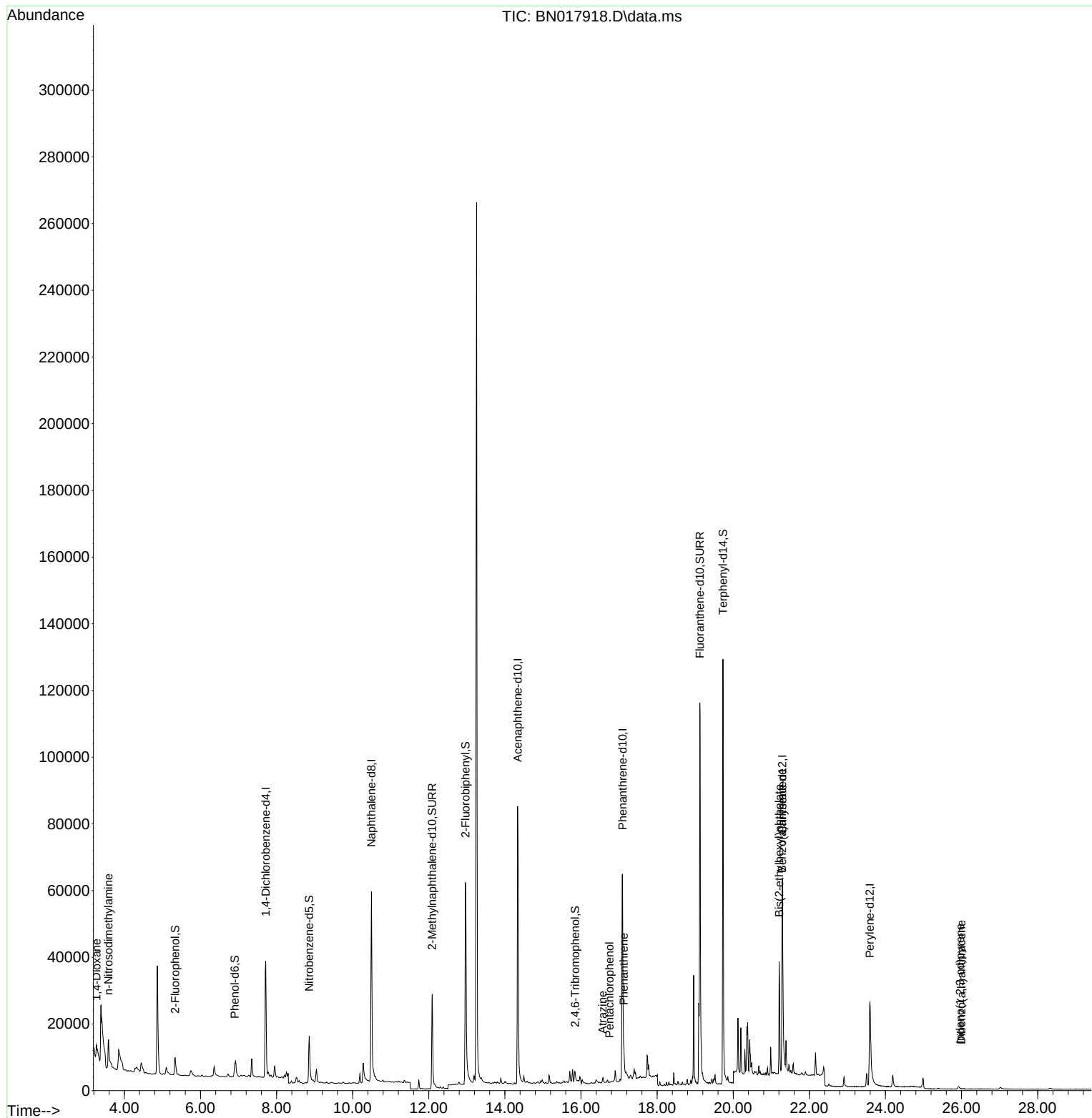
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	21947	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	89149	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	59582	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	124761	0.400	ng	0.00
29) Chrysene-d12	21.293	240	88029	0.400	ng	0.00
35) Perylene-d12	23.592	264	54790	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6923	0.153	ng	0.00
5) Phenol-d6	6.903	99	3920	0.087	ng	0.00
8) Nitrobenzene-d5	8.859	82	16600	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	44698	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4402	0.468	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	68802	0.328	ng	0.00
27) Fluoranthene-d10	19.124	212	158969	0.393	ng	0.00
31) Terphenyl-d14	19.730	244	150315	0.693	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	3886	0.583	ng	# 91
3) n-Nitrosodimethylamine	3.584	42	1298	0.064	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.527	198	12	Below Cal		# 45
23) Atrazine	16.569	200	96	0.093	ng	# 1
24) Pentachlorophenol	16.751	266	79	0.124	ng	# 83
25) Phenanthrene	17.129	178	6481	0.020	ng	96
32) Benzo(a)anthracene	21.282	228	415	0.051	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.208	149	35462	0.375	ng	100
36) Indeno(1,2,3-cd)pyrene	25.961	276	2	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.991	278	4	0.101	ng	# 1

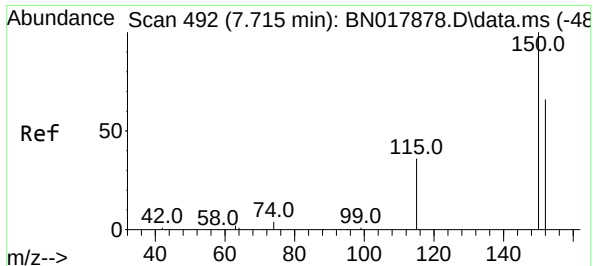
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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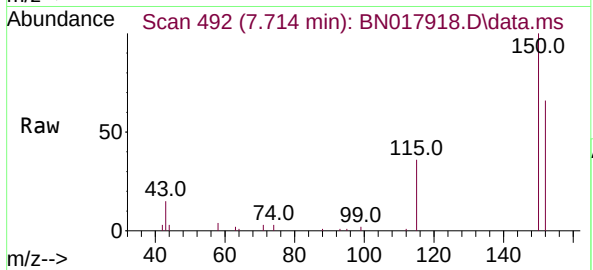
Quant Time: Dec 12 02:52:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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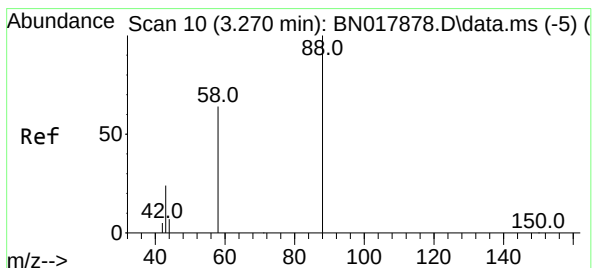
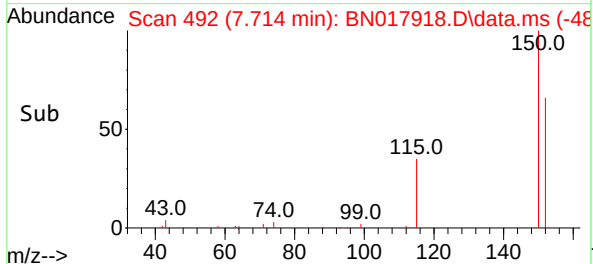
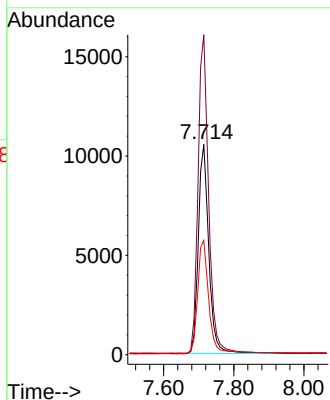


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202

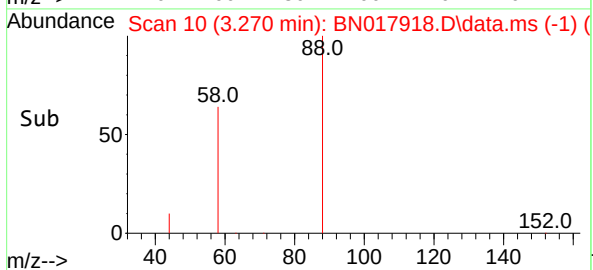
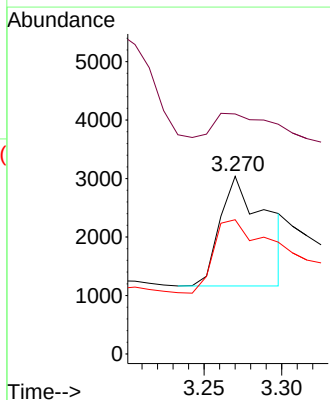
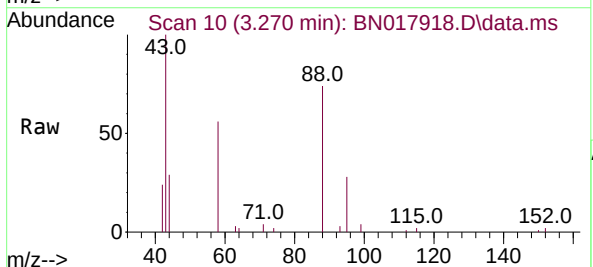


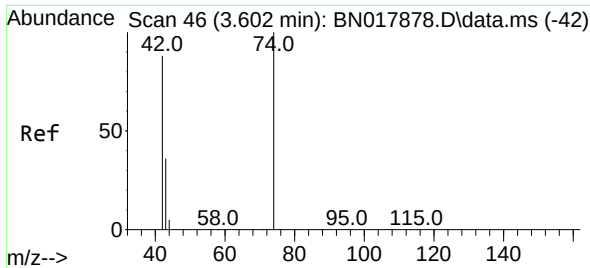
Tgt Ion:152 Resp: 21947
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.9 182.9
 115 54.3 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.583 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Tgt Ion: 88 Resp: 3886
 Ion Ratio Lower Upper
 88 100
 43 24.2 28.0 42.0#
 58 77.1 65.4 98.0

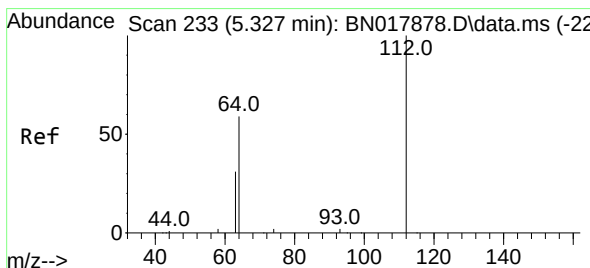
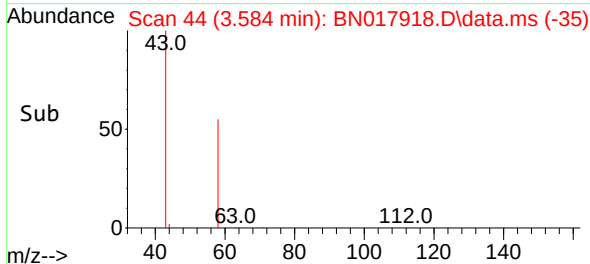
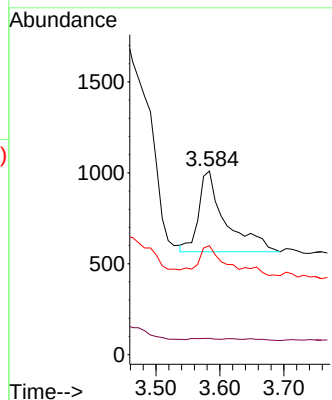
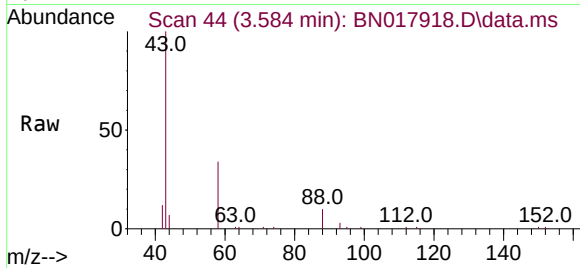




#3
 n-Nitrosodimethylamine
 Concen: 0.064 ng
 RT: 3.584 min Scan# 44
 Delta R.T. -0.019 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

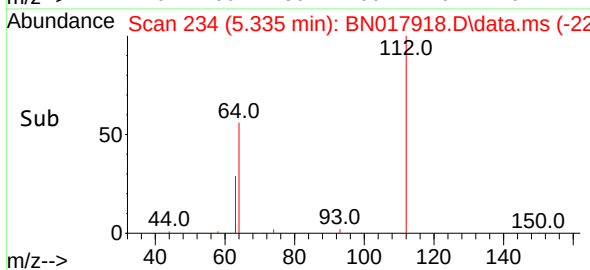
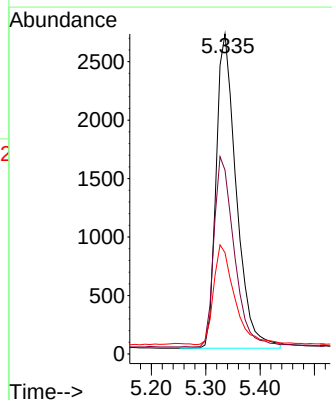
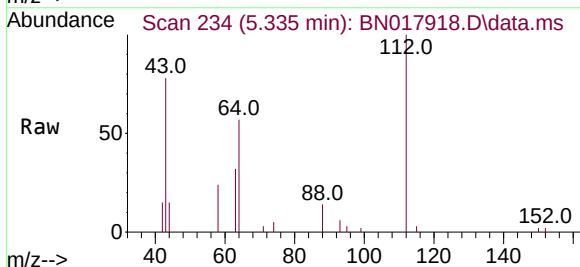
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202

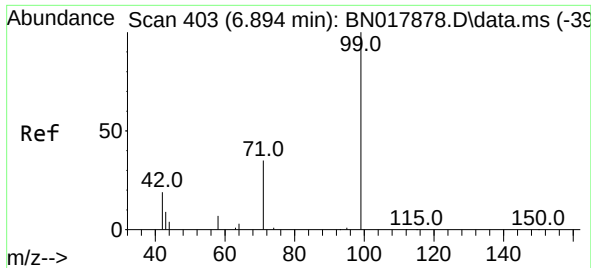
Tgt Ion: 42 Resp: 1298
 Ion Ratio Lower Upper
 42 100
 74 1.2 100.6 150.8#
 44 40.5 5.2 7.8#



#4
 2-Fluorophenol
 Concen: 0.153 ng
 RT: 5.335 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Tgt Ion: 112 Resp: 6923
 Ion Ratio Lower Upper
 112 100
 64 60.9 49.0 73.4
 63 33.1 26.2 39.2

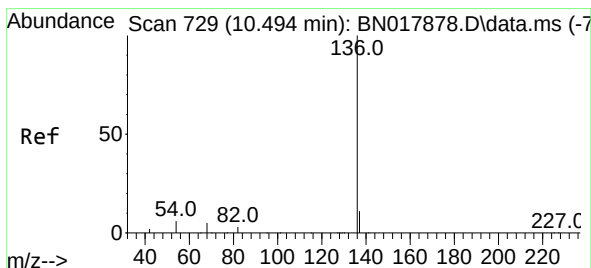
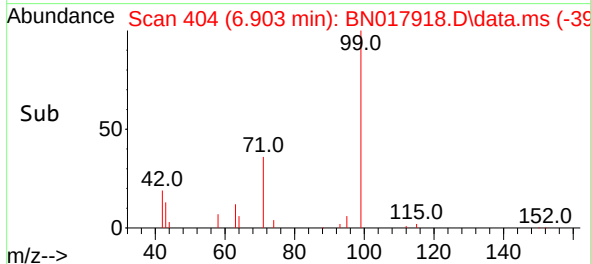
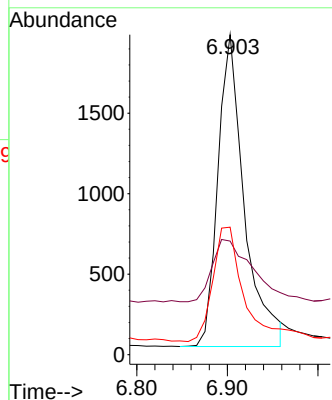
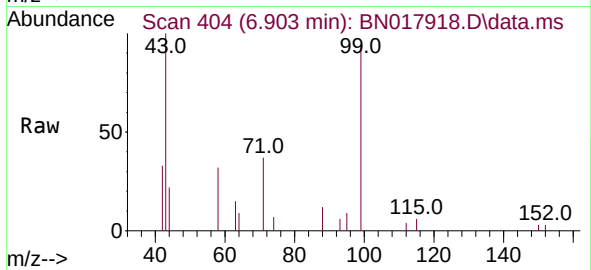




#5
Phenol-d6
Concen: 0.087 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

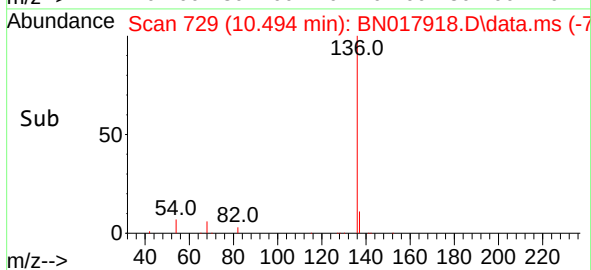
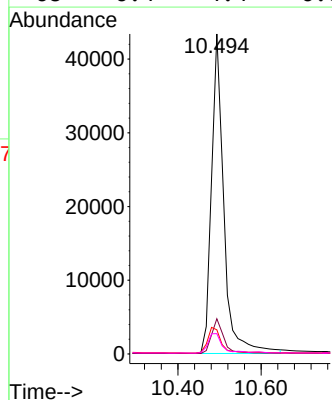
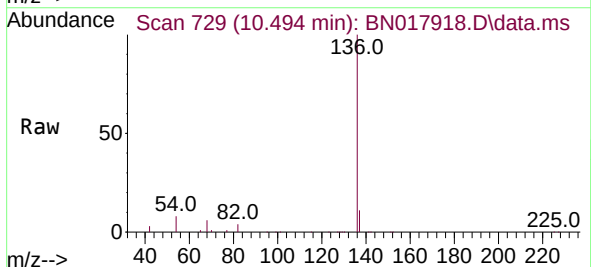
Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202

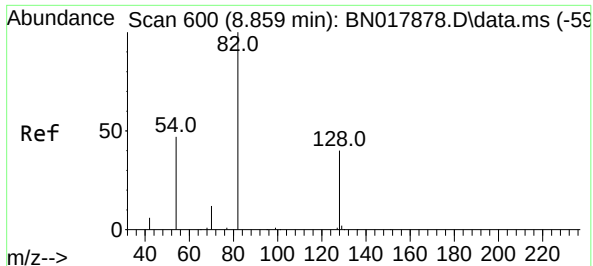
Tgt Ion: 99 Resp: 3920
Ion Ratio Lower Upper
99 100
42 29.7 17.0 25.4#
71 41.6 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Tgt Ion: 136 Resp: 89149
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 5.1 7.7
68 6.4 4.4 6.6

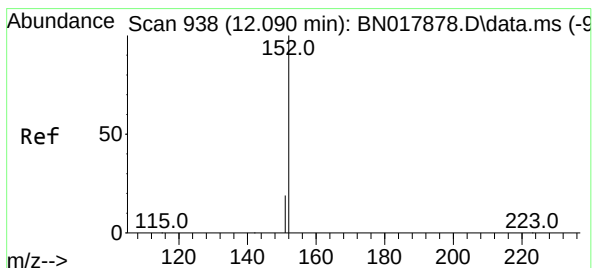
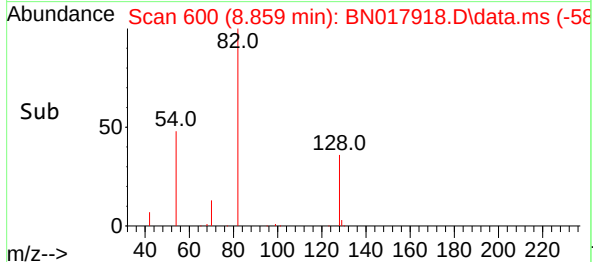
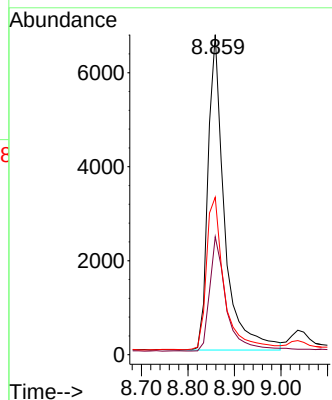
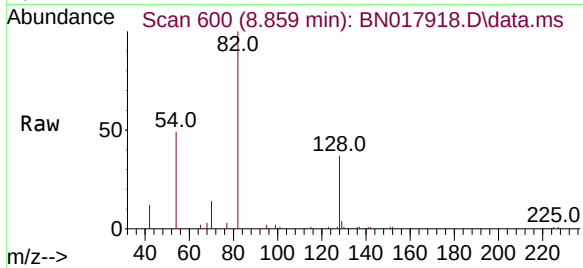




#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

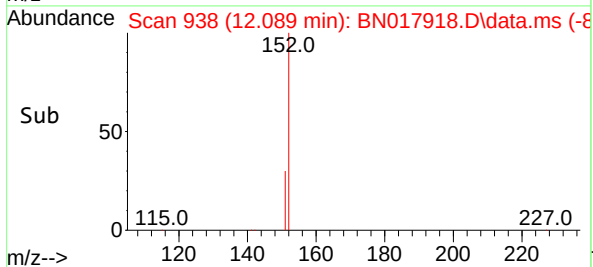
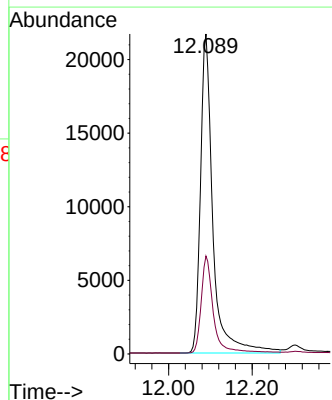
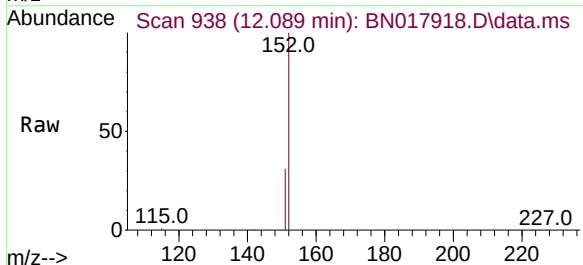
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ClientSampleId :
RE134D1-20211202

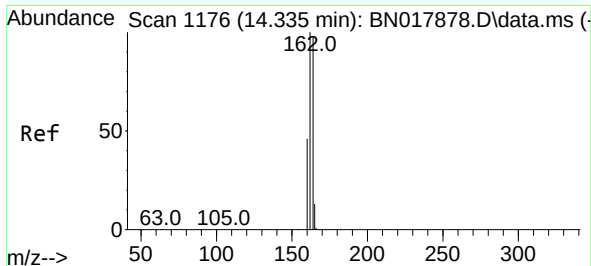
Tgt Ion: 82 Resp: 16600
Ion Ratio Lower Upper
82 100
128 36.9 32.2 48.4
54 49.2 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Tgt Ion: 152 Resp: 44698
Ion Ratio Lower Upper
152 100
151 29.9 16.4 24.6#

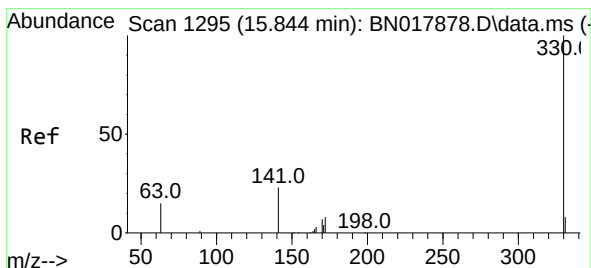
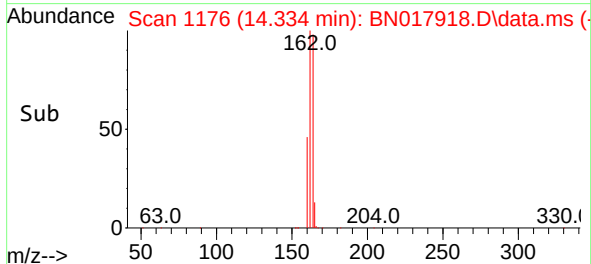
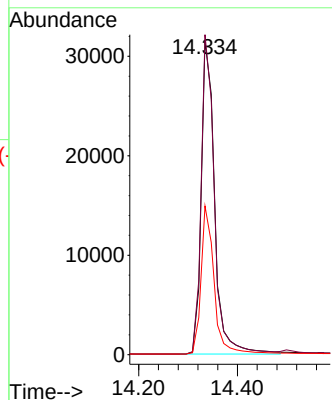
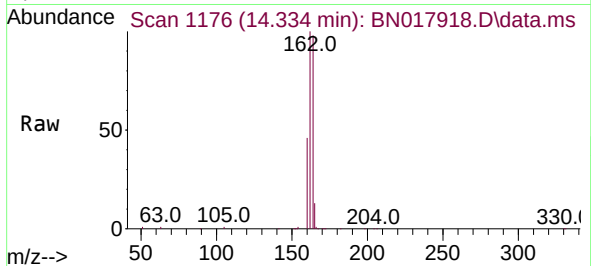




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

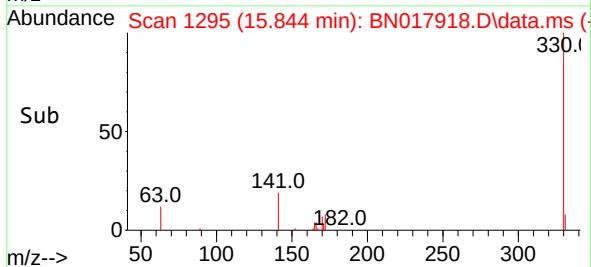
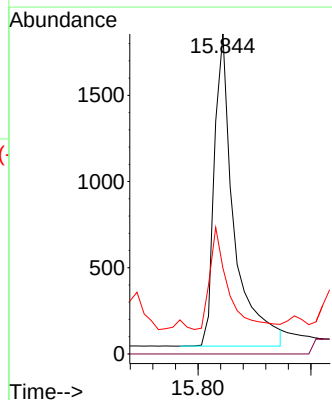
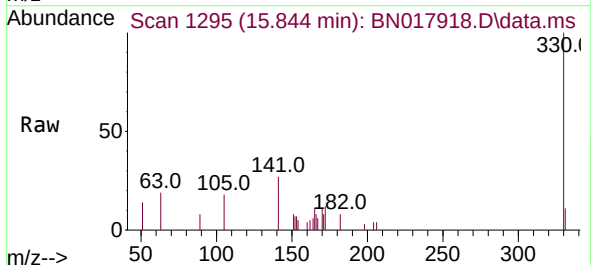
Instrument :
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RE134D1-20211202

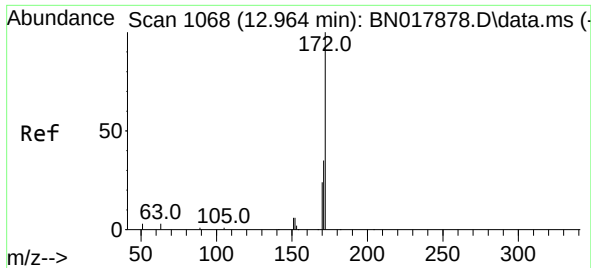
Tgt Ion:164 Resp: 59582
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 47.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Tgt Ion:330 Resp: 4402
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.8 19.7 29.5#

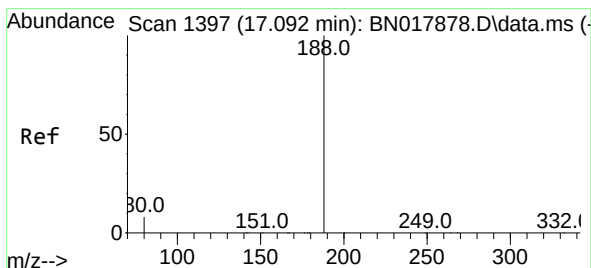
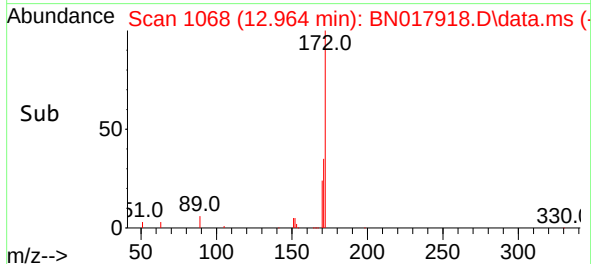
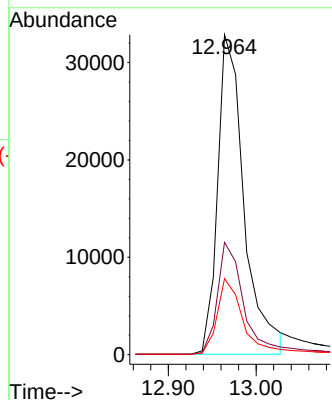
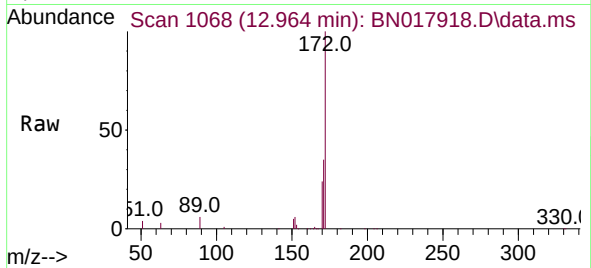




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

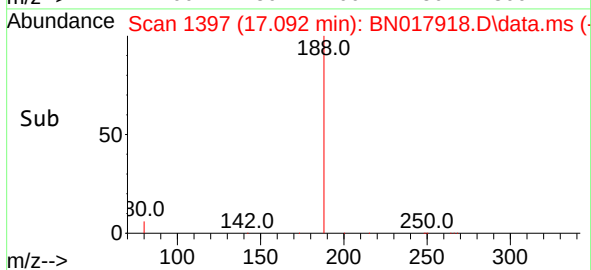
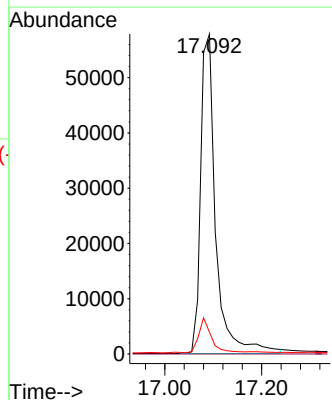
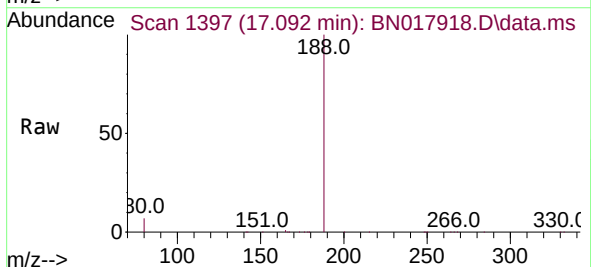
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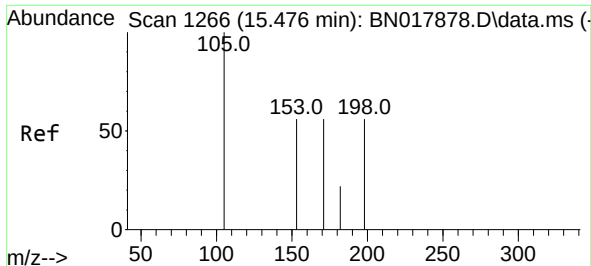
Tgt Ion:172 Resp: 68802
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Tgt Ion:188 Resp: 124761
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 6.2 9.2

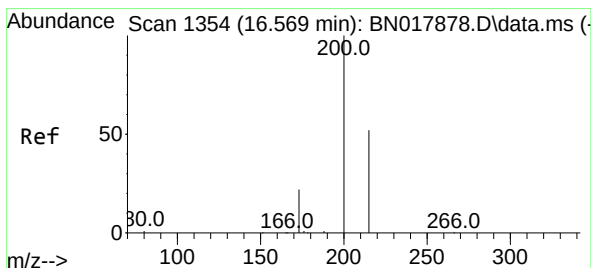
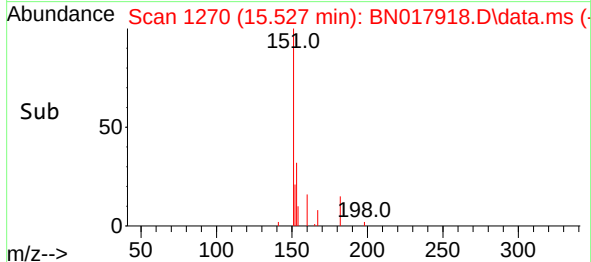
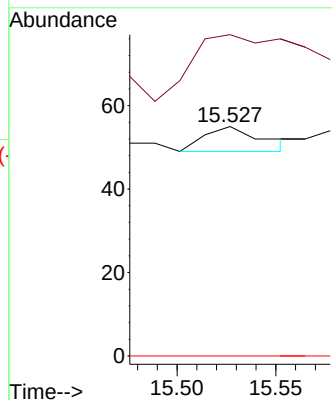
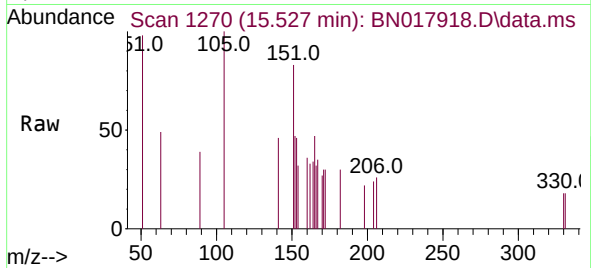




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.527 min Scan# 11
Delta R.T. 0.051 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

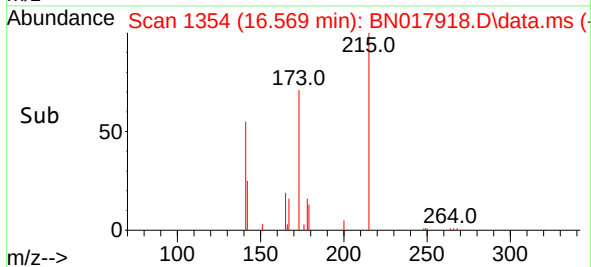
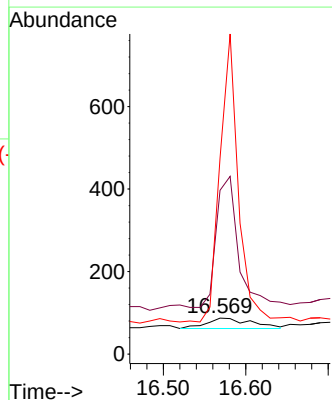
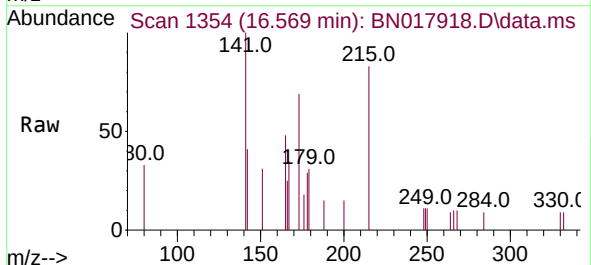
Instrument :
BNA_N
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RE134D1-20211202

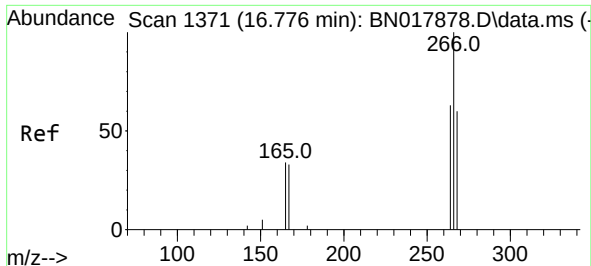
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
182 140.0 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.093 ng
RT: 16.569 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

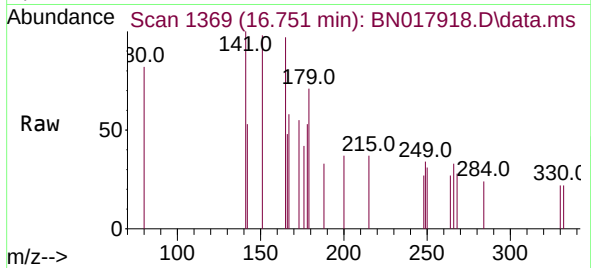
Tgt Ion:200 Resp: 96
Ion Ratio Lower Upper
200 100
173 456.3 18.2 27.2#
215 546.0 41.8 62.8#





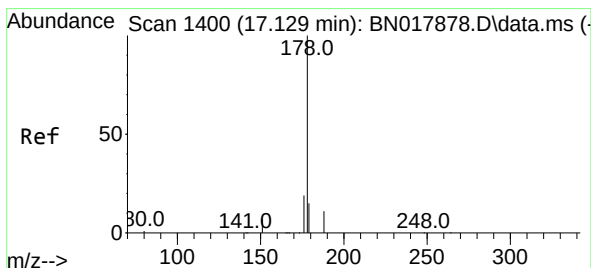
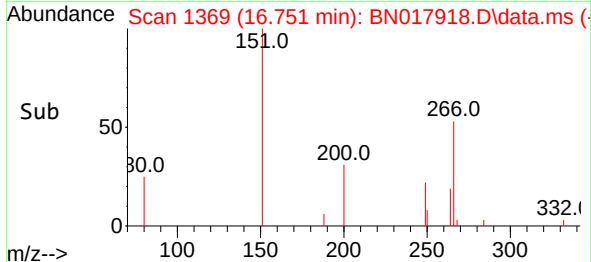
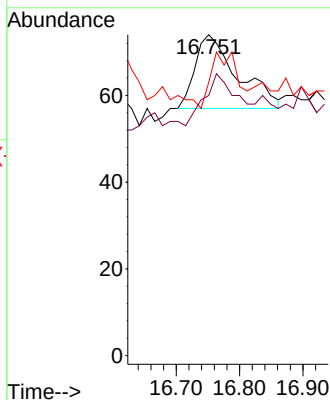
#24
Pentachlorophenol
Concen: 0.124 ng
RT: 16.751 min Scan# 1369
Delta R.T. -0.025 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202



Tgt Ion: 266 Resp: 79

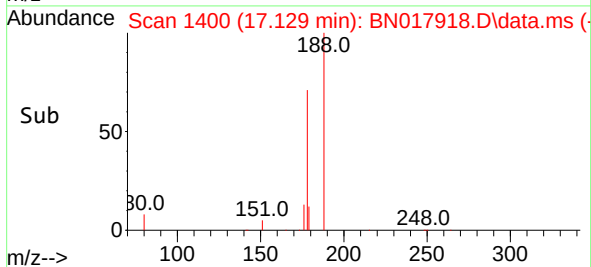
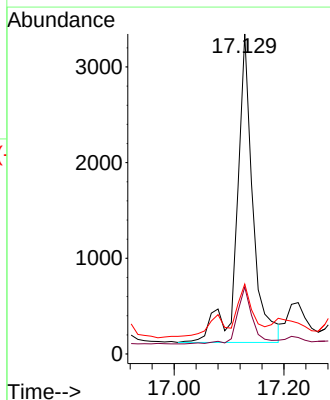
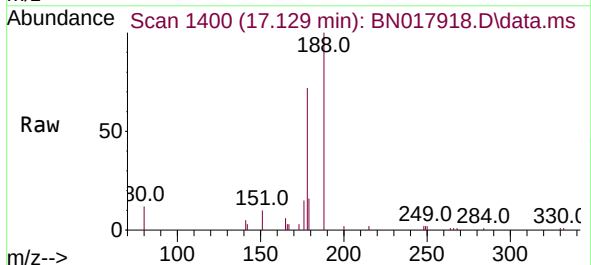
Ion	Ratio	Lower	Upper
266	100		
264	57.0	50.6	76.0
268	46.8	53.7	80.5

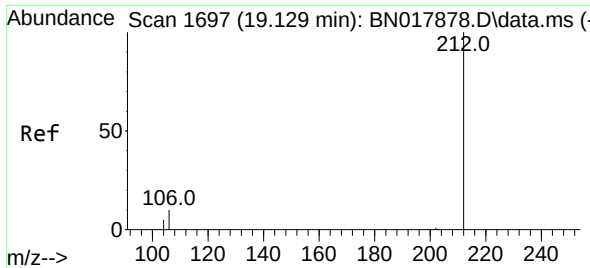


#25
Phenanthrene
Concen: 0.020 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Tgt Ion: 178 Resp: 6481

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.6
179	13.3	12.4	18.6

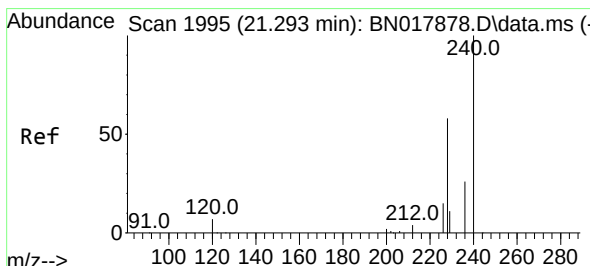
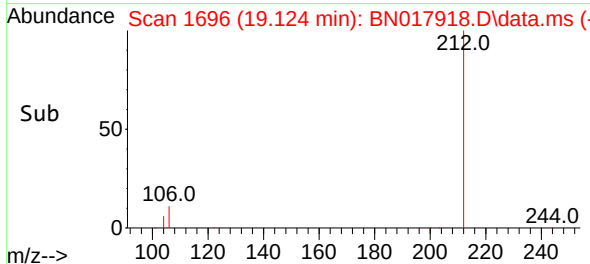
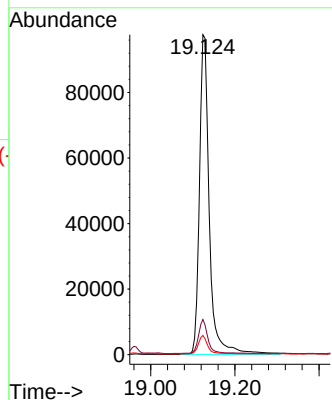
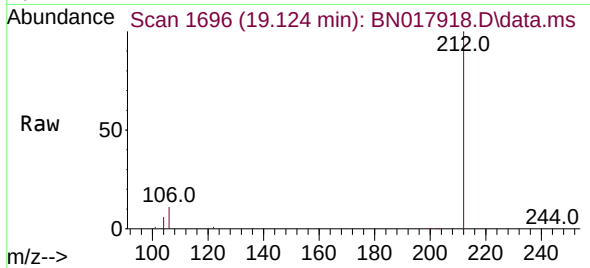




#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

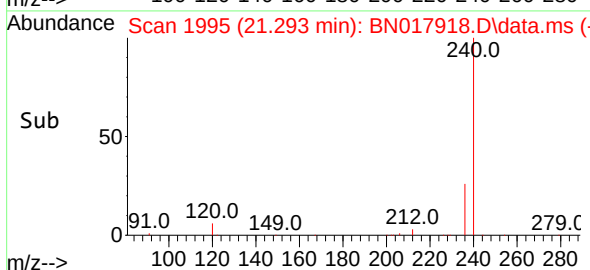
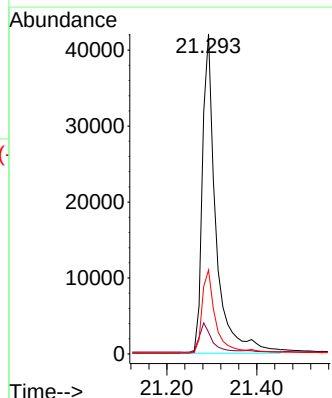
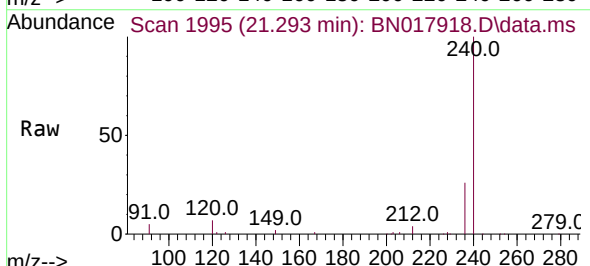
Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202

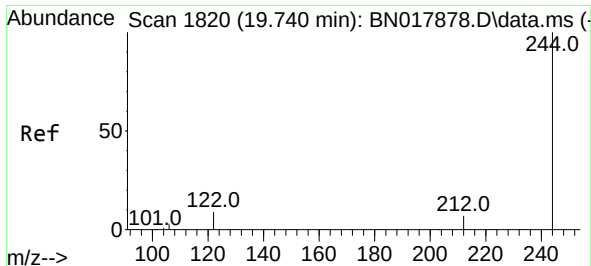
Tgt Ion:212 Resp: 158969
Ion Ratio Lower Upper
212 100
106 10.4 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

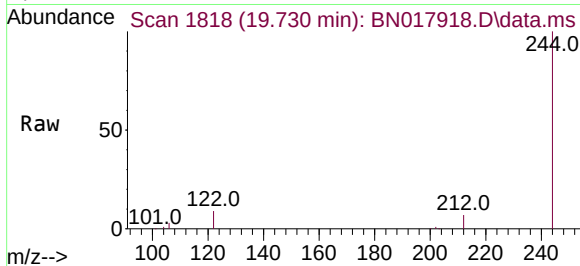
Tgt Ion:240 Resp: 88029
Ion Ratio Lower Upper
240 100
120 6.8 5.8 8.8
236 26.2 21.0 31.6



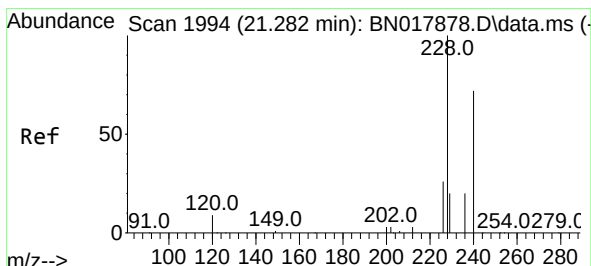
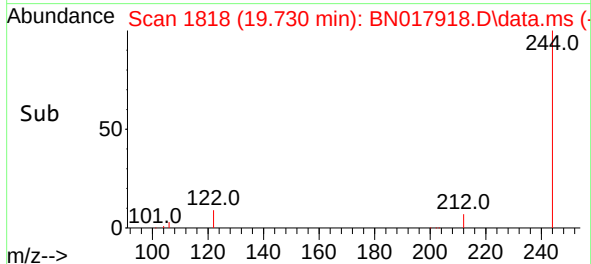
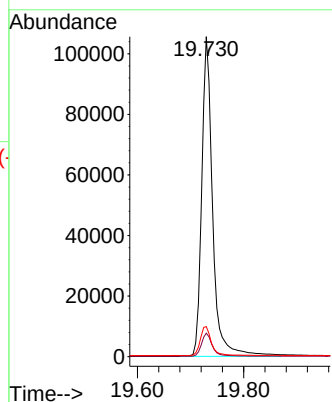


#31
 Terphenyl-d14
 Concen: 0.693 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202

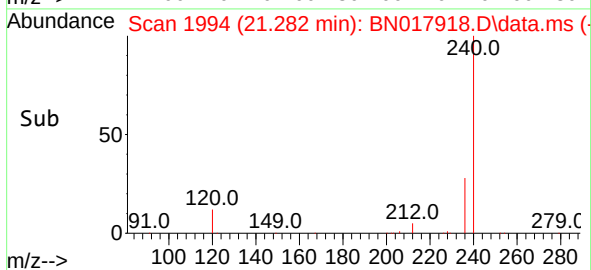
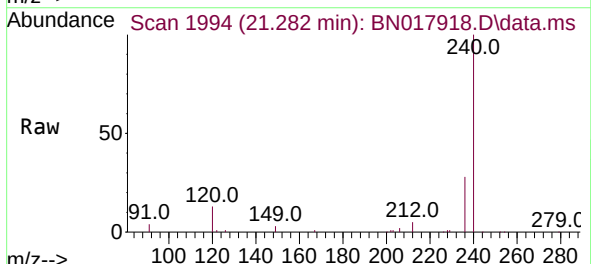
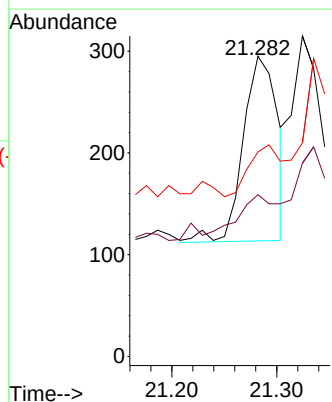


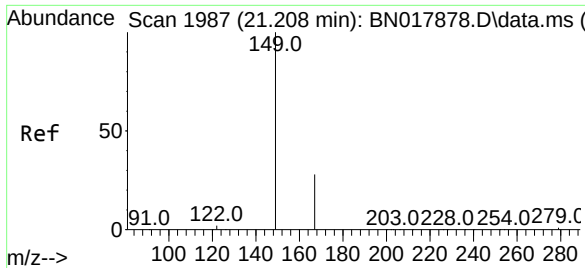
Tgt Ion:244 Resp: 150315
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.4 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.051 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Tgt Ion:228 Resp: 415
 Ion Ratio Lower Upper
 228 100
 226 53.9 21.0 31.4#
 229 68.1 15.8 23.8#

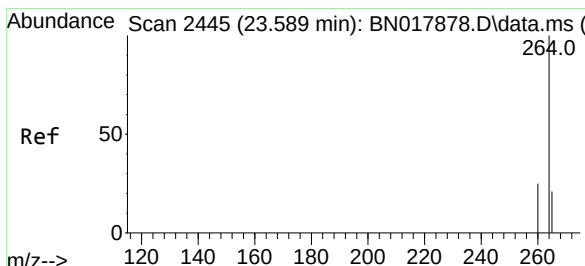
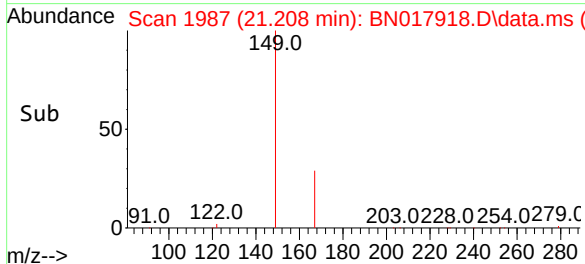
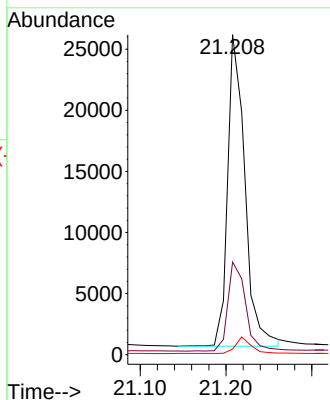
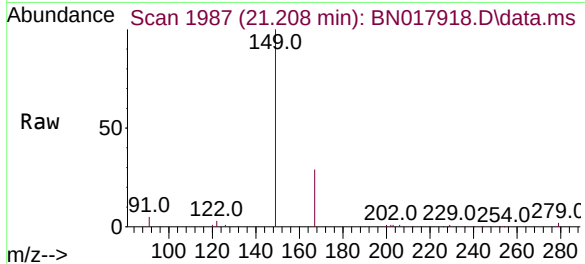




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.375 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

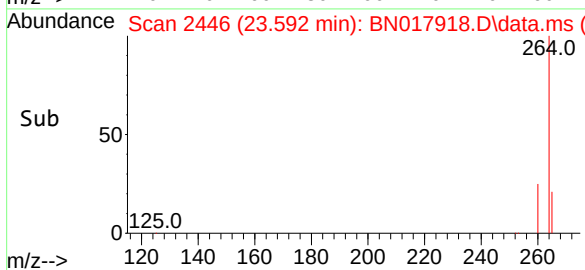
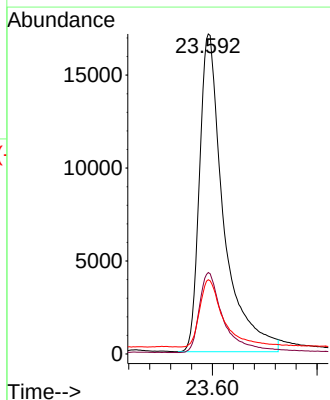
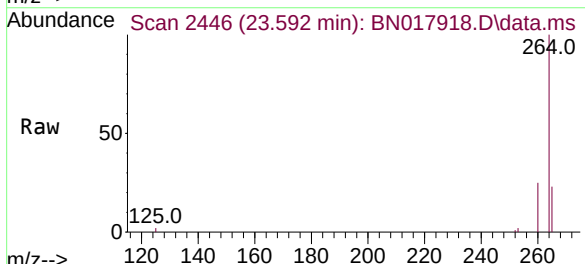
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202

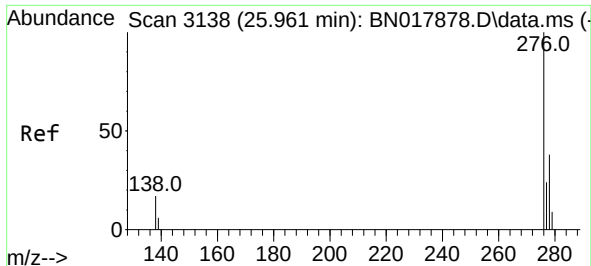
Tgt Ion:	149	Resp:	35462
Ion Ratio	Lower	Upper	
149	100		
167	29.4	23.4	35.0
279	4.8	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Tgt Ion:	264	Resp:	54790
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.2	30.4
265	23.2	18.2	27.4

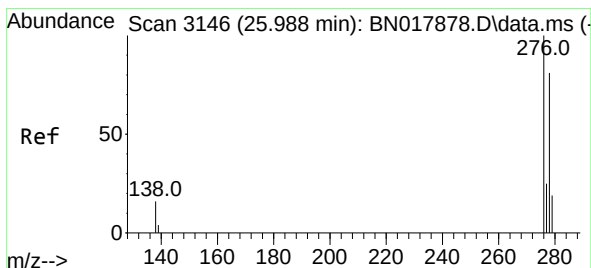
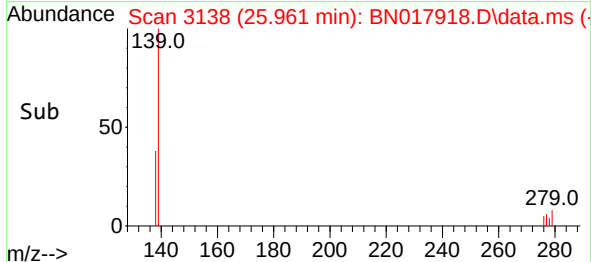
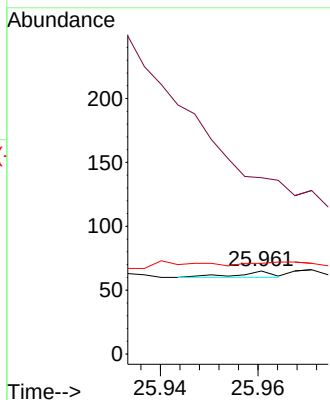
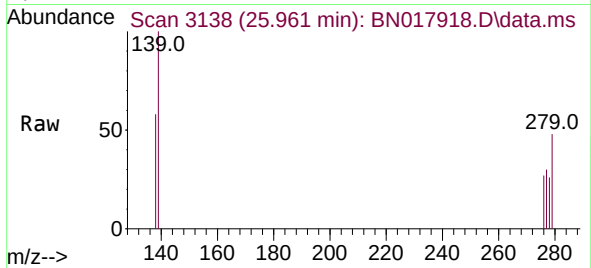




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.961 min Scan# 3138
 Delta R.T. -0.000 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 200.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.991 min Scan# 3147
 Delta R.T. 0.003 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Tgt Ion:278 Resp: 4
 Ion Ratio Lower Upper
 278 100
 139 262.1 12.0 18.0#
 279 169.7 20.8 31.2#

