

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017901.D
 Acq On : 11 Dec 2021 11:43
 Operator : CG/JU
 Sample : M4956-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202

Quant Time: Dec 11 21:29:55 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)

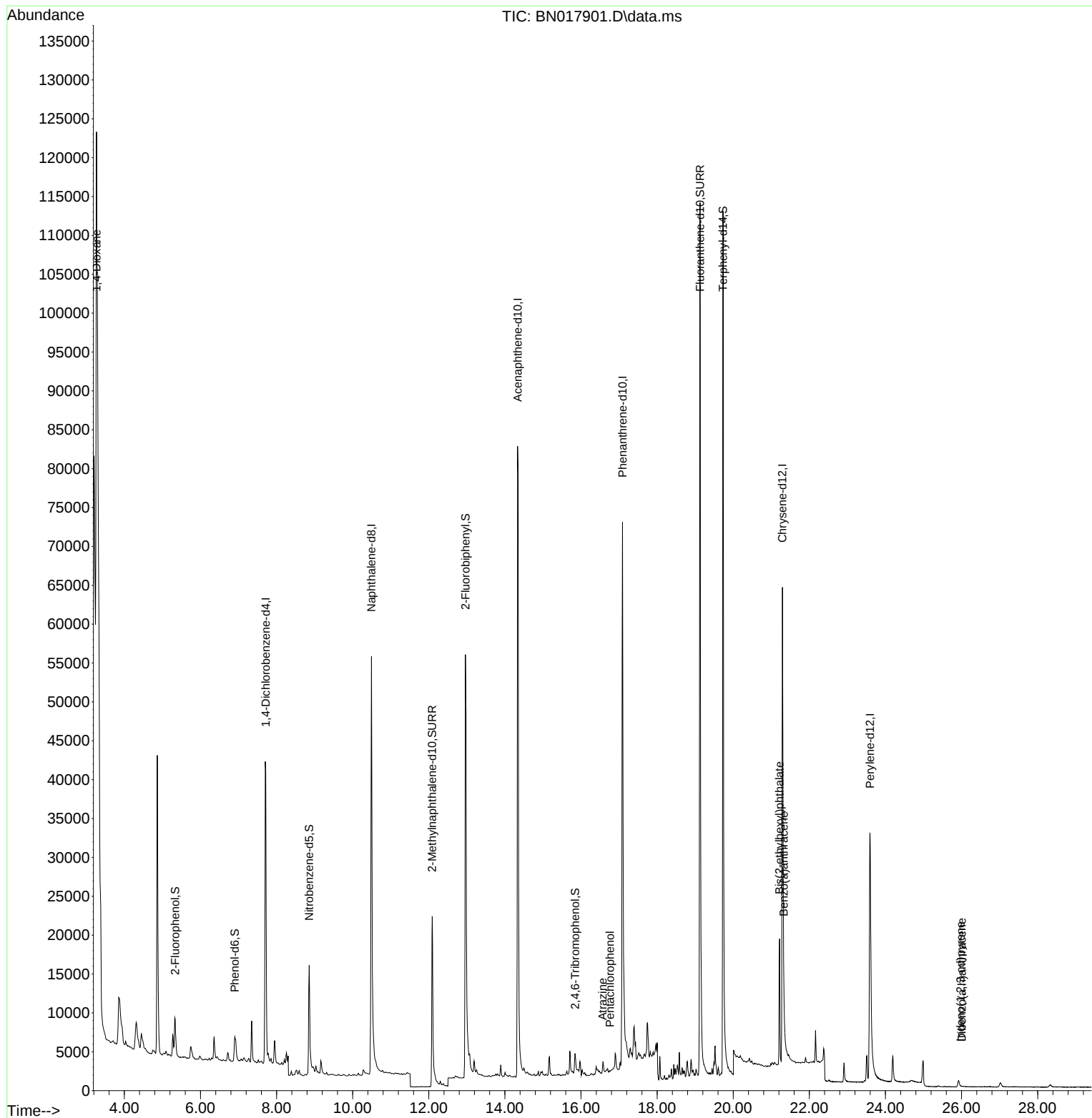
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	23976	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	93818	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	64721	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	136425	0.400	ng	0.00
29) Chrysene-d12	21.293	240	96791	0.400	ng	0.00
35) Perylene-d12	23.595	264	66969	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6036	0.122	ng	0.00
5) Phenol-d6	6.903	99	3181	0.065	ng	0.00
8) Nitrobenzene-d5	8.859	82	16707	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	42531	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3660	0.436	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	66957	0.294	ng	0.00
27) Fluoranthene-d10	19.129	212	168692	0.381	ng	0.00
31) Terphenyl-d14	19.730	244	155343	0.651	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	81214	11.162	ng	94
20) 4,6-Dinitro-2-methylph...	15.463	198	13	Below Cal	#	51
23) Atrazine	16.569	200	82	0.093	ng	# 1
24) Pentachlorophenol	16.763	266	10	0.086	ng	# 65
32) Benzo(a)anthracene	21.324	228	904	0.053	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.218	149	16879	0.162	ng	99
36) Indeno(1,2,3-cd)pyrene	25.974	276	1	0.089	ng	# 54
40) Dibenzo(a,h)anthracene	26.005	278	6	0.101	ng	# 1

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

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
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RE134D2-20211202

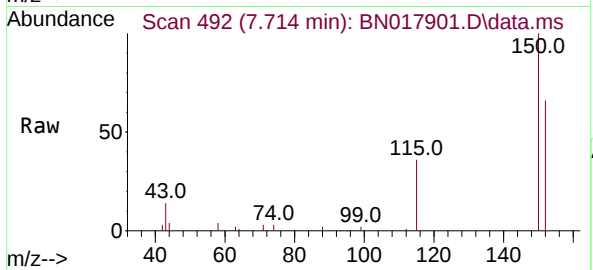
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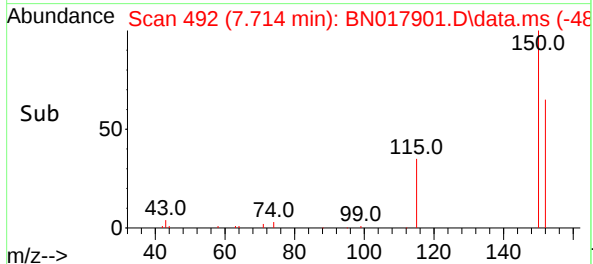
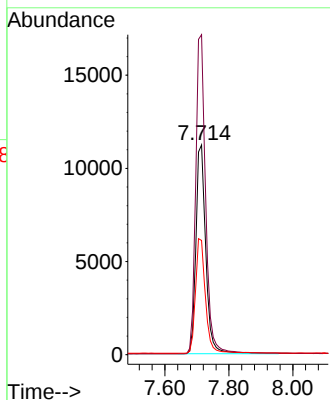


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202

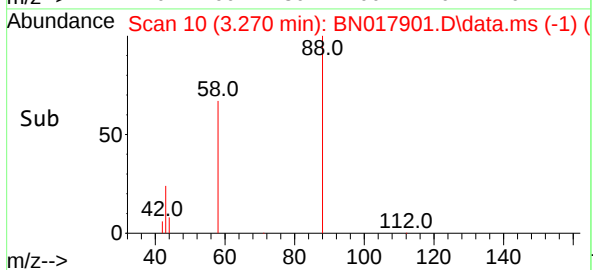
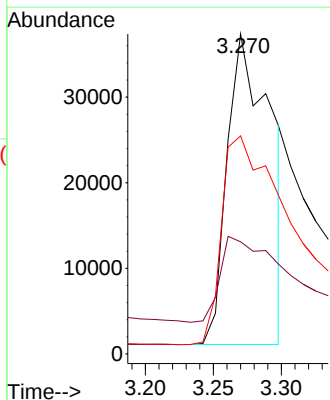
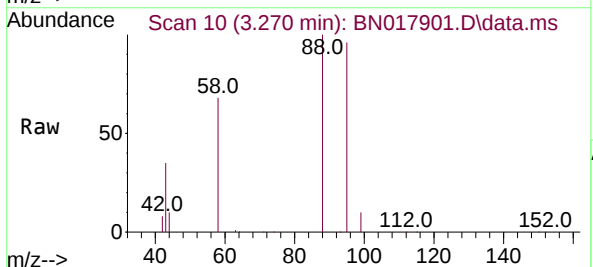


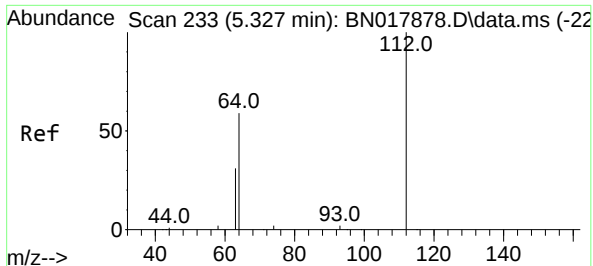
Tgt Ion:152 Resp: 23976
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.9 182.9
 115 54.5 44.1 66.1



#2
 1,4-Dioxane
 Concen: 11.162 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

Tgt Ion: 88 Resp: 81214
 Ion Ratio Lower Upper
 88 100
 43 31.4 28.0 42.0
 58 76.6 65.4 98.0

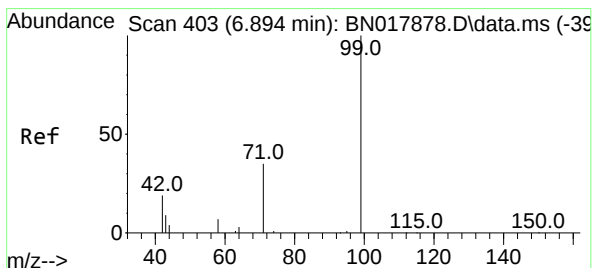
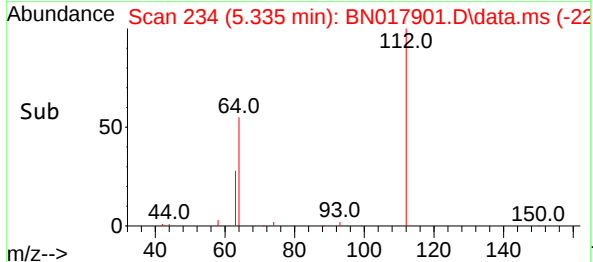
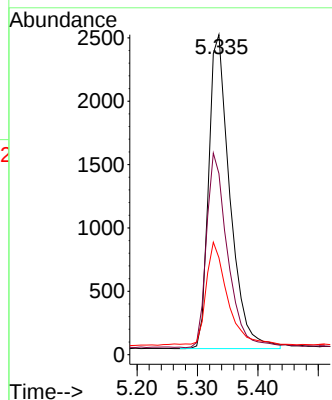
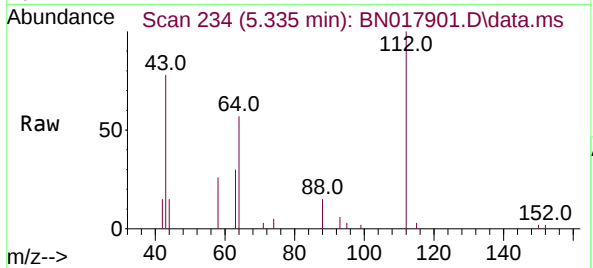




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

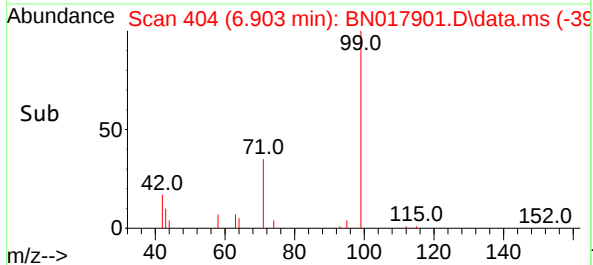
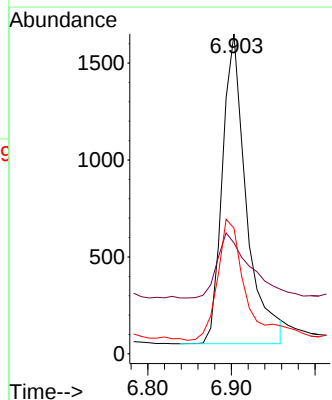
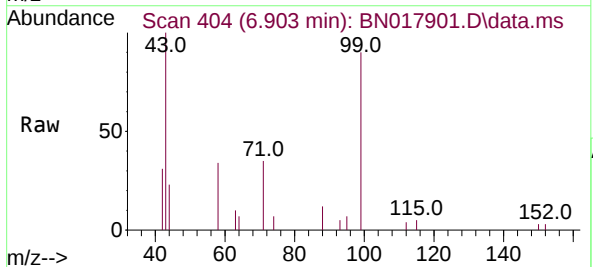
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202

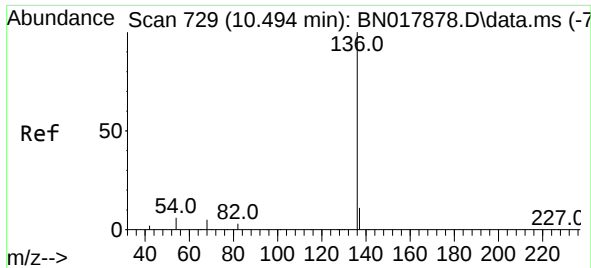
Tgt Ion:112 Resp: 6036
Ion Ratio Lower Upper
112 100
64 61.6 49.0 73.4
63 32.3 26.2 39.2



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

Tgt Ion: 99 Resp: 3181
Ion Ratio Lower Upper
99 100
42 28.2 17.0 25.4#
71 44.3 28.0 42.0#

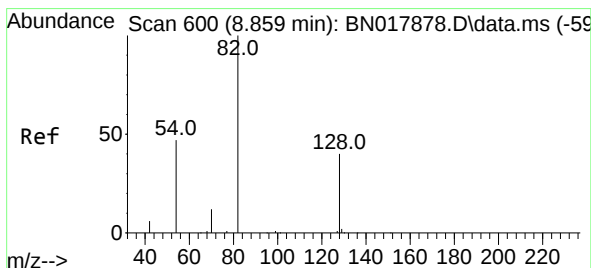
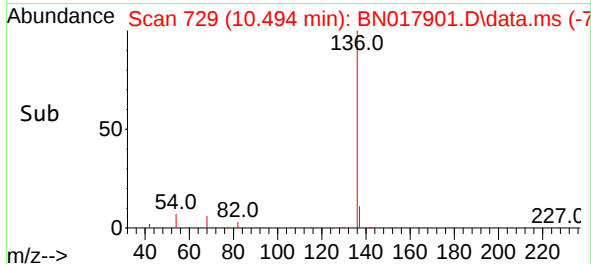
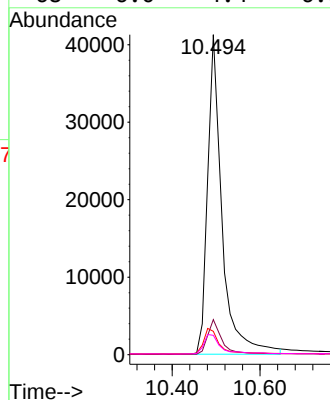
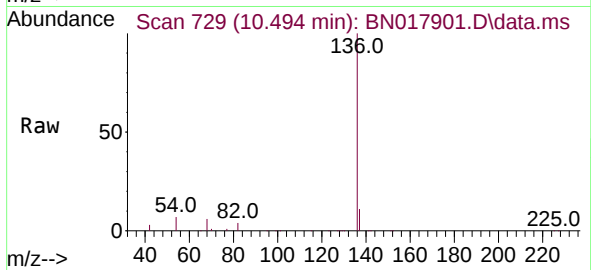




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

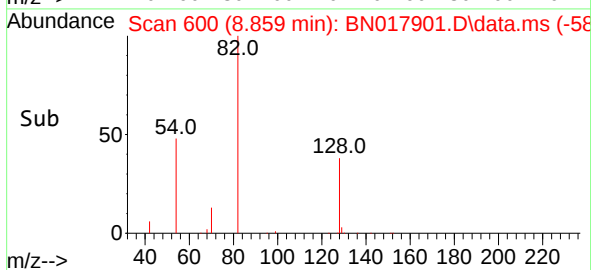
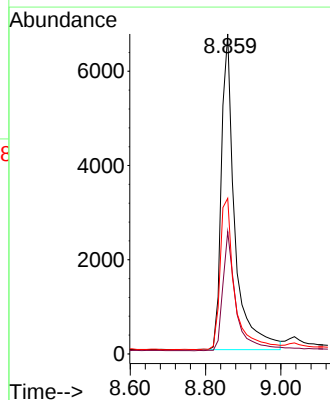
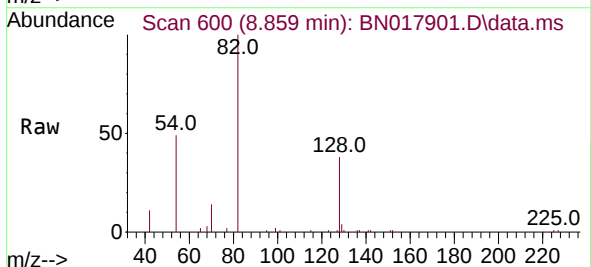
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202

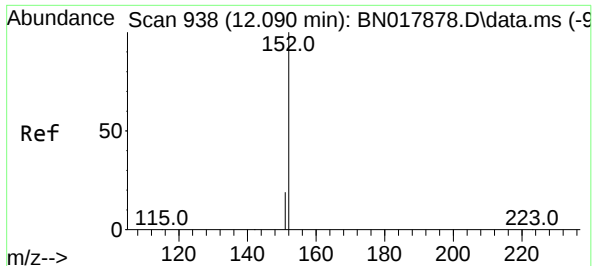
Tgt Ion:136	Resp:	93818
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.3	5.1 7.7
68	6.0	4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

Tgt Ion: 82	Resp:	16707
Ion Ratio	Lower	Upper
82	100	
128	38.2	32.2 48.4
54	48.7	37.6 56.4





#11

2-Methylnaphthalene-d10

Concen: 0.258 ng

RT: 12.089 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017901.D

Acq: 11 Dec 2021 11:43

Instrument :

BNA_N

ClientSampleId :

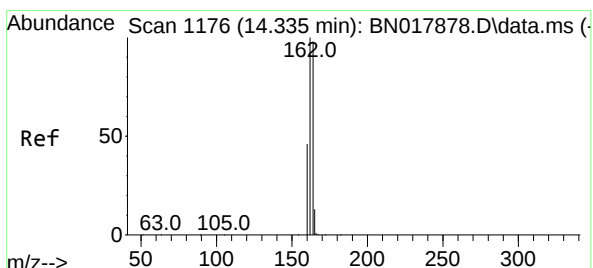
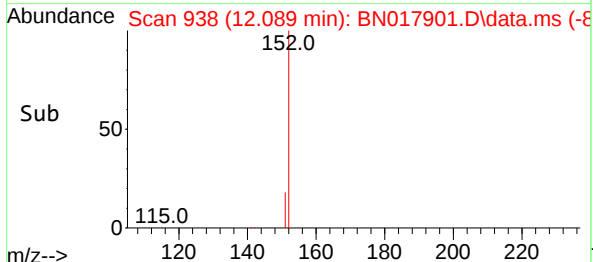
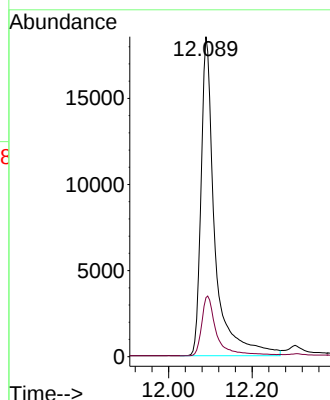
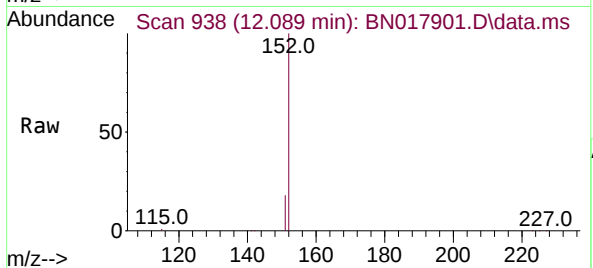
RE134D2-20211202

Tgt Ion:152 Resp: 42531

Ion Ratio Lower Upper

152 100

151 20.4 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: BN017901.D

Acq: 11 Dec 2021 11:43

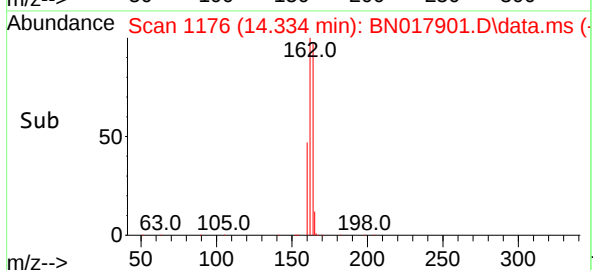
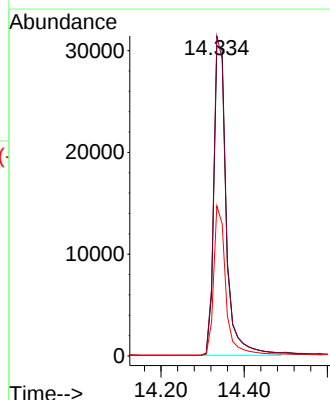
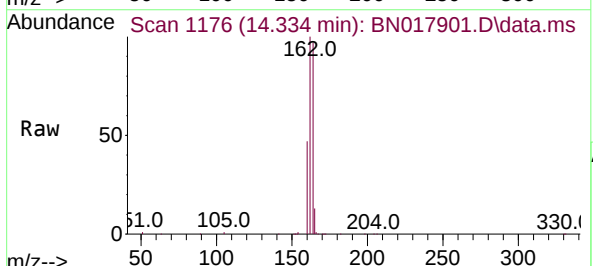
Tgt Ion:164 Resp: 64721

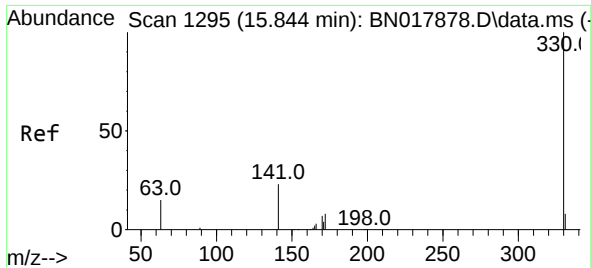
Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

160 48.3 38.2 57.2

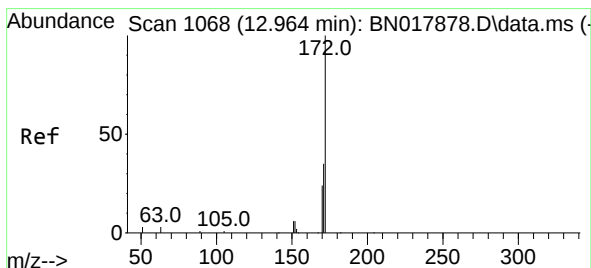
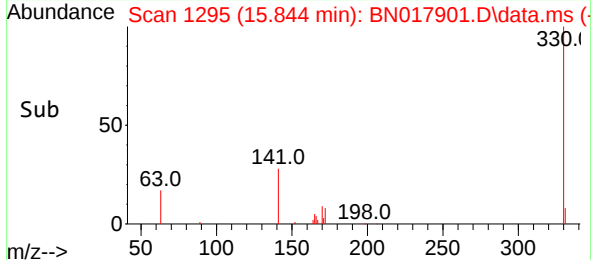
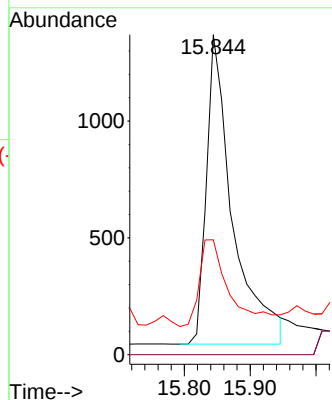
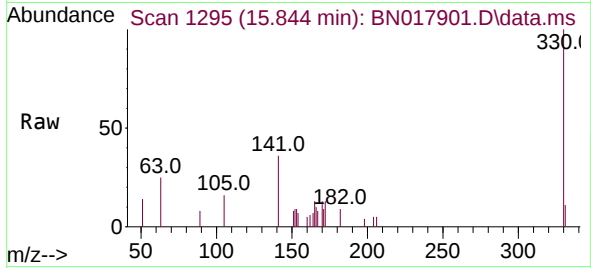




#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

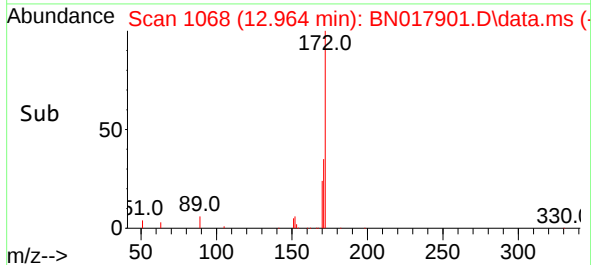
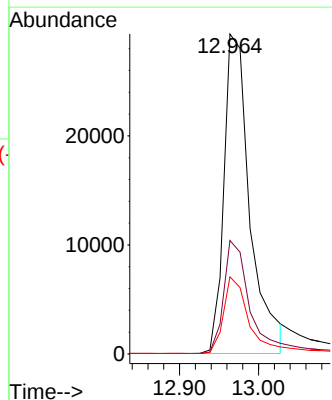
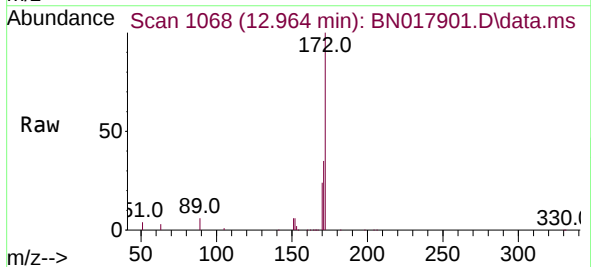
Instrument :
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RE134D2-20211202

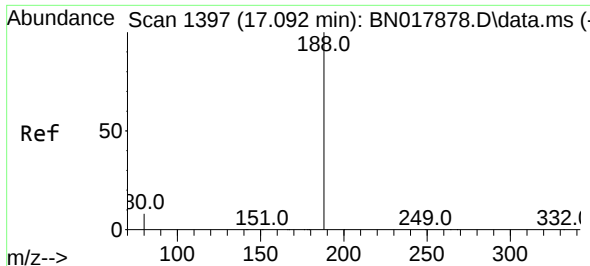
Tgt Ion: 330 Resp: 3660
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.1 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

Tgt Ion: 172 Resp: 66957
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.1 19.1 28.7

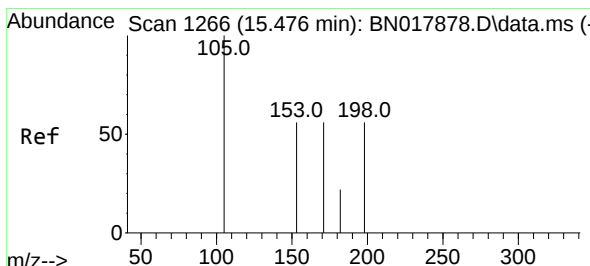
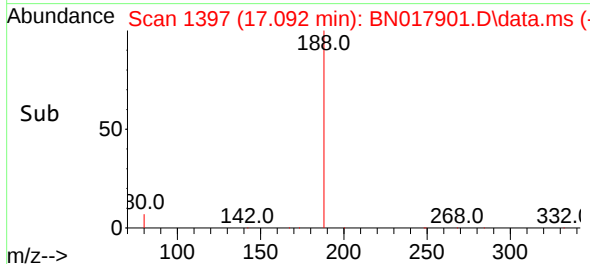
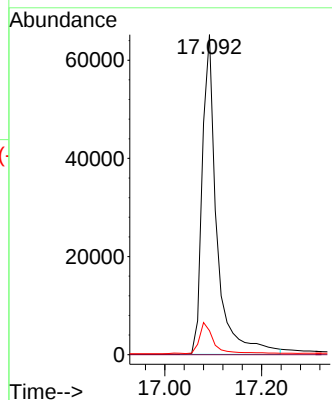
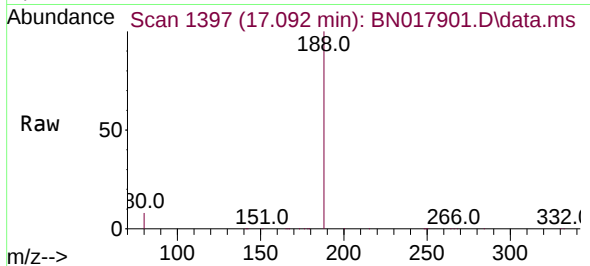




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

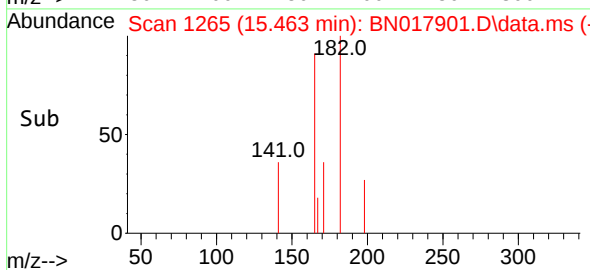
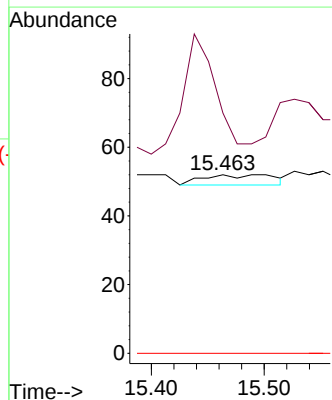
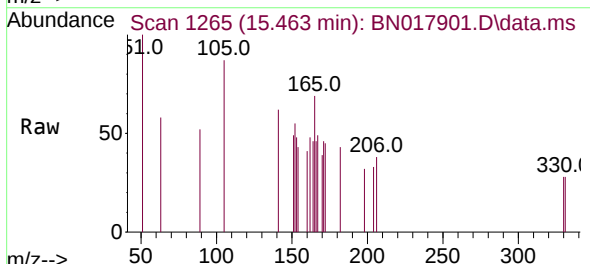
Instrument :
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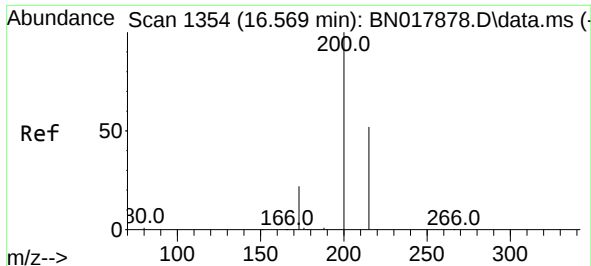
Tgt Ion:188 Resp: 136425
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.463 min Scan# 1265
Delta R.T. -0.013 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 134.6 70.8 106.2#
77 0.0 0.0 0.0

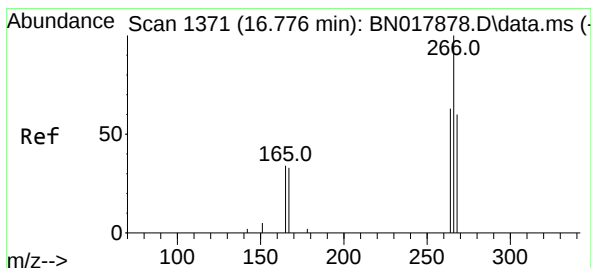
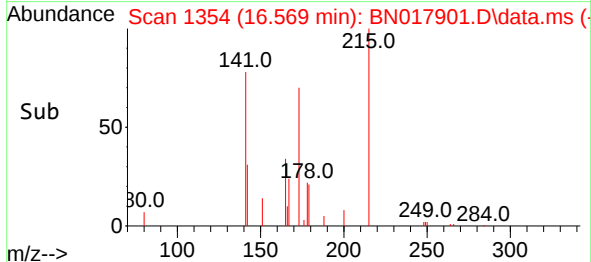
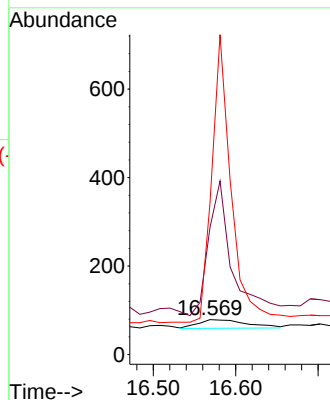
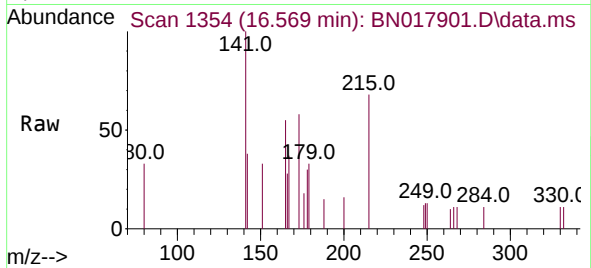




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.569 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

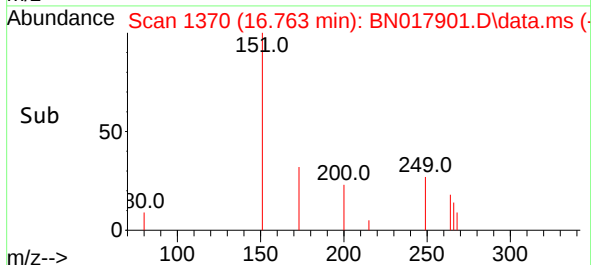
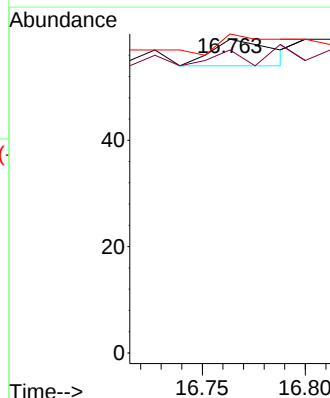
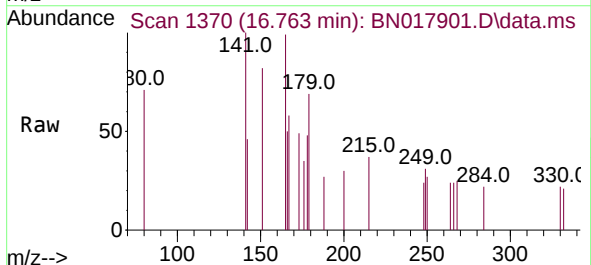
Instrument :
 BNA_N
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 RE134D2-20211202

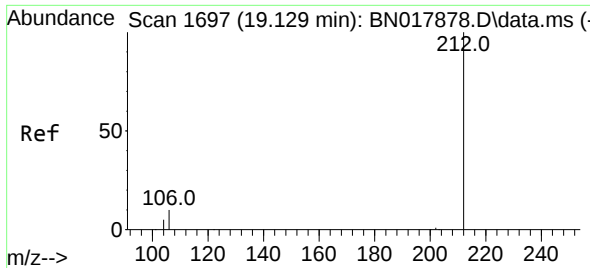
Tgt Ion:200 Resp: 82
 Ion Ratio Lower Upper
 200 100
 173 363.3 18.2 27.2#
 215 431.6 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.086 ng
 RT: 16.763 min Scan# 1370
 Delta R.T. -0.013 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

Tgt Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 30.0 50.6 76.0#
 268 90.0 53.7 80.5#

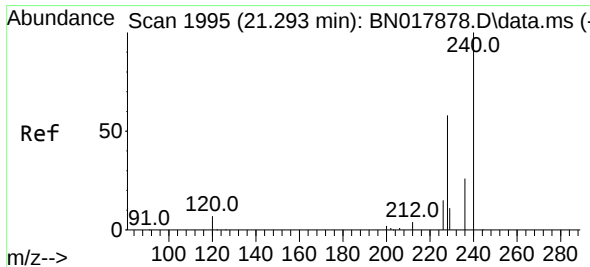
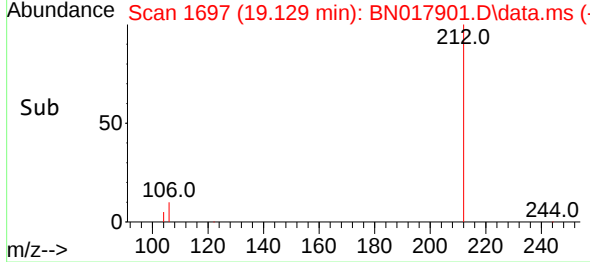
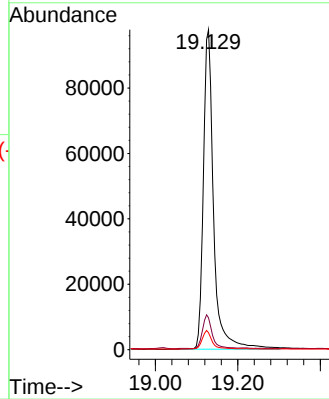
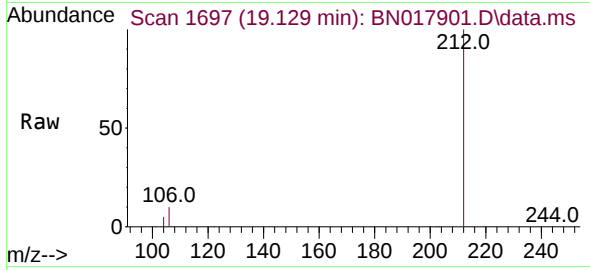




#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

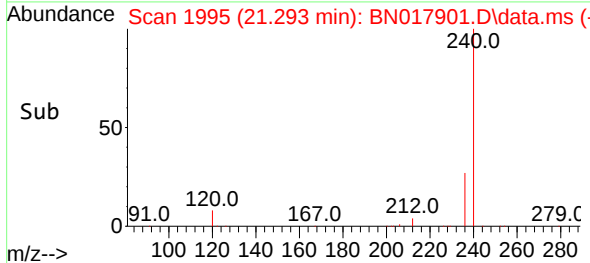
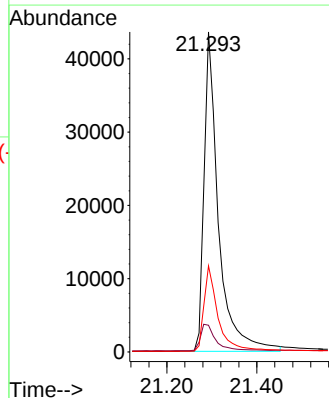
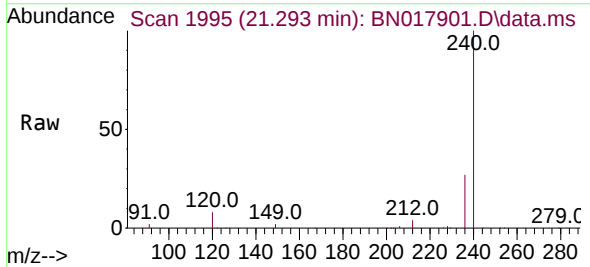
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202

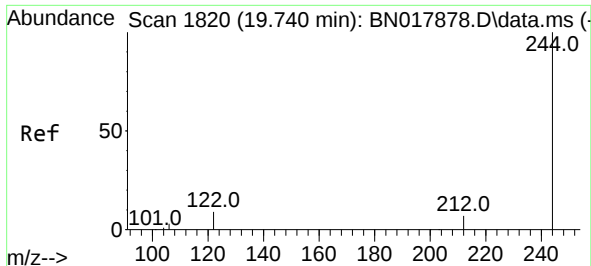
Tgt Ion:212 Resp: 168692
Ion Ratio Lower Upper
212 100
106 9.9 8.3 12.5
104 5.8 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

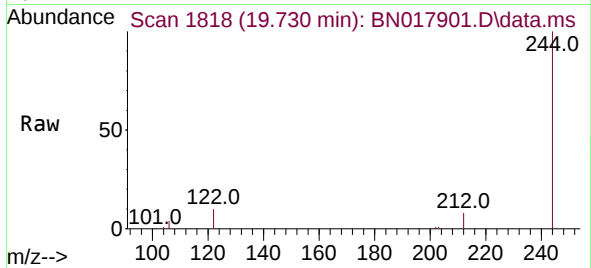
Tgt Ion:240 Resp: 96791
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.9 21.0 31.6



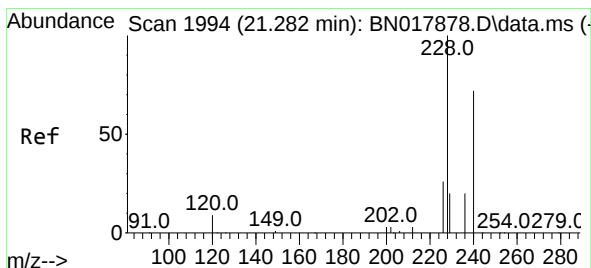
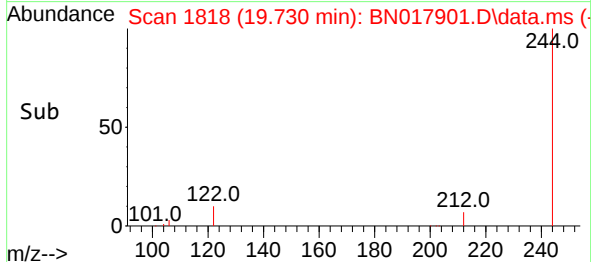
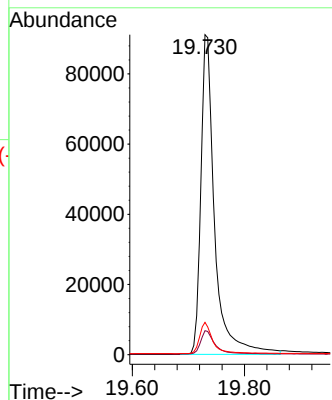


#31
 Terphenyl-d14
 Concen: 0.651 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202

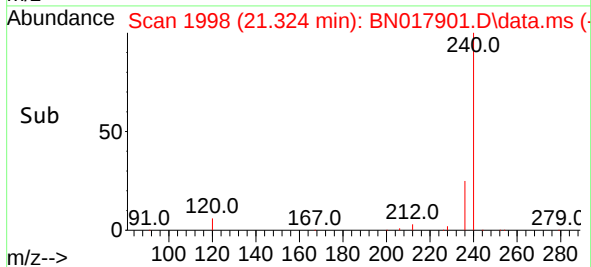
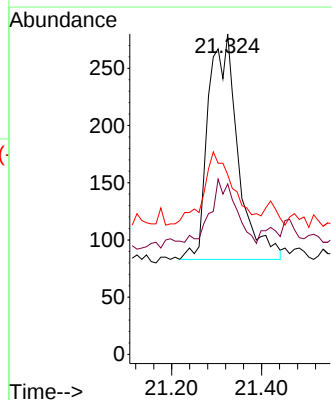
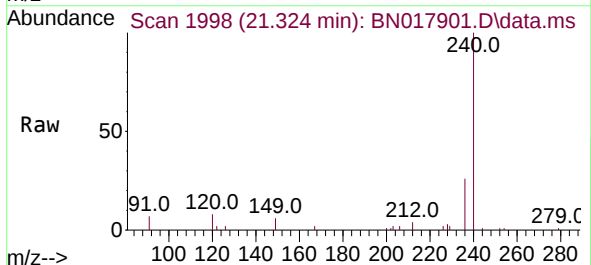


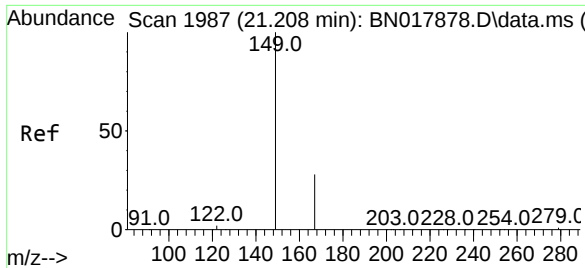
Tgt Ion:244 Resp: 155343
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.1 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.053 ng
 RT: 21.324 min Scan# 1998
 Delta R.T. 0.042 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

Tgt Ion:228 Resp: 904
 Ion Ratio Lower Upper
 228 100
 226 53.2 21.0 31.4#
 229 56.1 15.8 23.8#

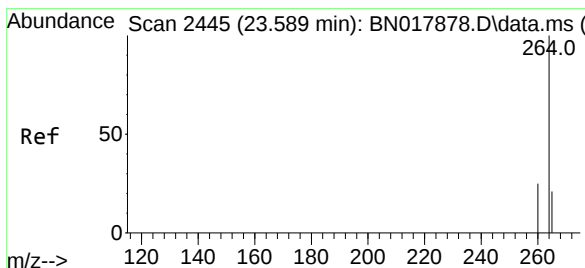
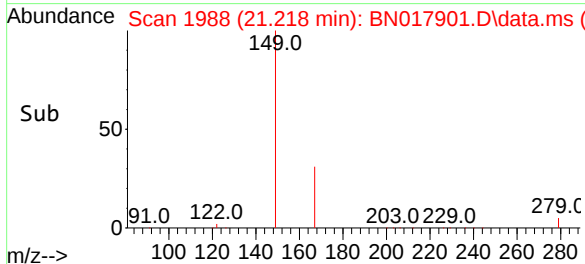
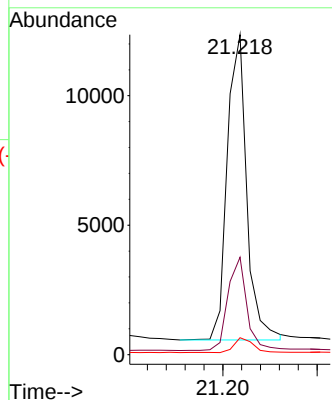
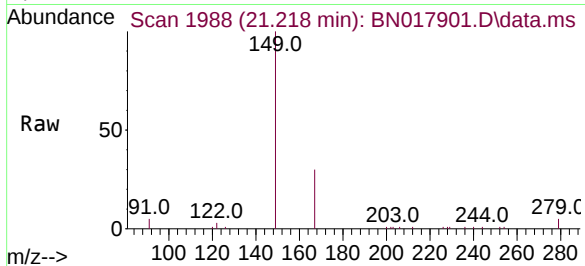




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.162 ng
 RT: 21.218 min Scan# 1988
 Delta R.T. 0.010 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

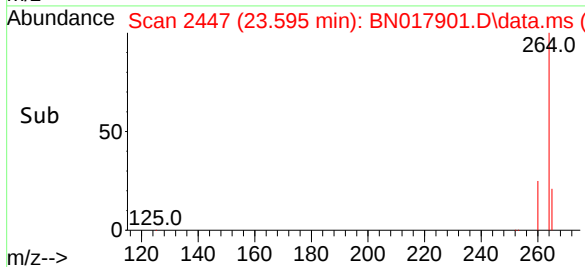
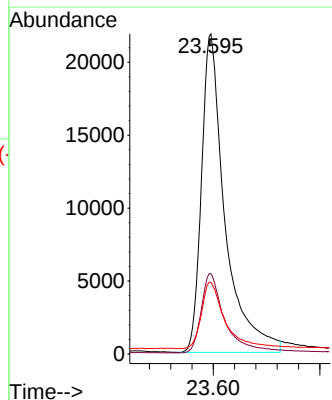
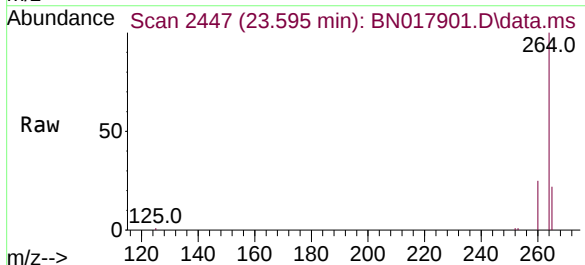
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202

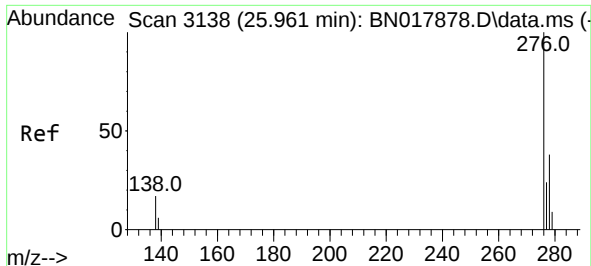
Tgt Ion:	149	Resp:	16879
Ion Ratio	Lower	Upper	
149	100		
167	29.7	23.4	35.0
279	4.9	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.595 min Scan# 2447
 Delta R.T. 0.006 min
 Lab File: BN017901.D
 Acq: 11 Dec 2021 11:43

Tgt Ion:	264	Resp:	66969
Ion Ratio	Lower	Upper	
264	100		
260	25.1	20.2	30.4
265	22.4	18.2	27.4

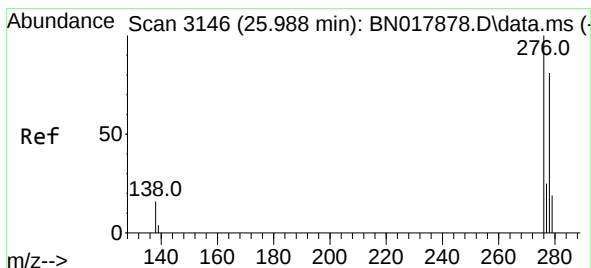
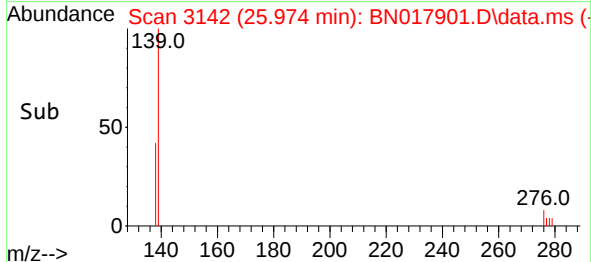
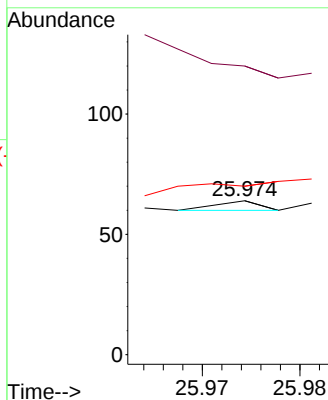
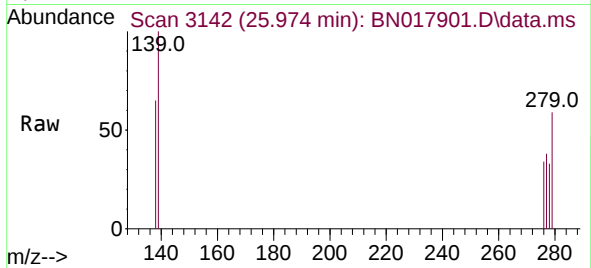




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.974 min Scan# 3113
Delta R.T. 0.013 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202

Tgt Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 0.0 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 26.005 min Scan# 3151
Delta R.T. 0.017 min
Lab File: BN017901.D
Acq: 11 Dec 2021 11:43

Tgt Ion:278 Resp: 6
Ion Ratio Lower Upper
278 100
139 227.9 12.0 18.0#
279 163.2 20.8 31.2#

