

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017925.D
 Acq On : 12 Dec 2021 04:05
 Operator : CG/JU
 Sample : M4956-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204

Quant Time: Dec 13 00:02:45 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)

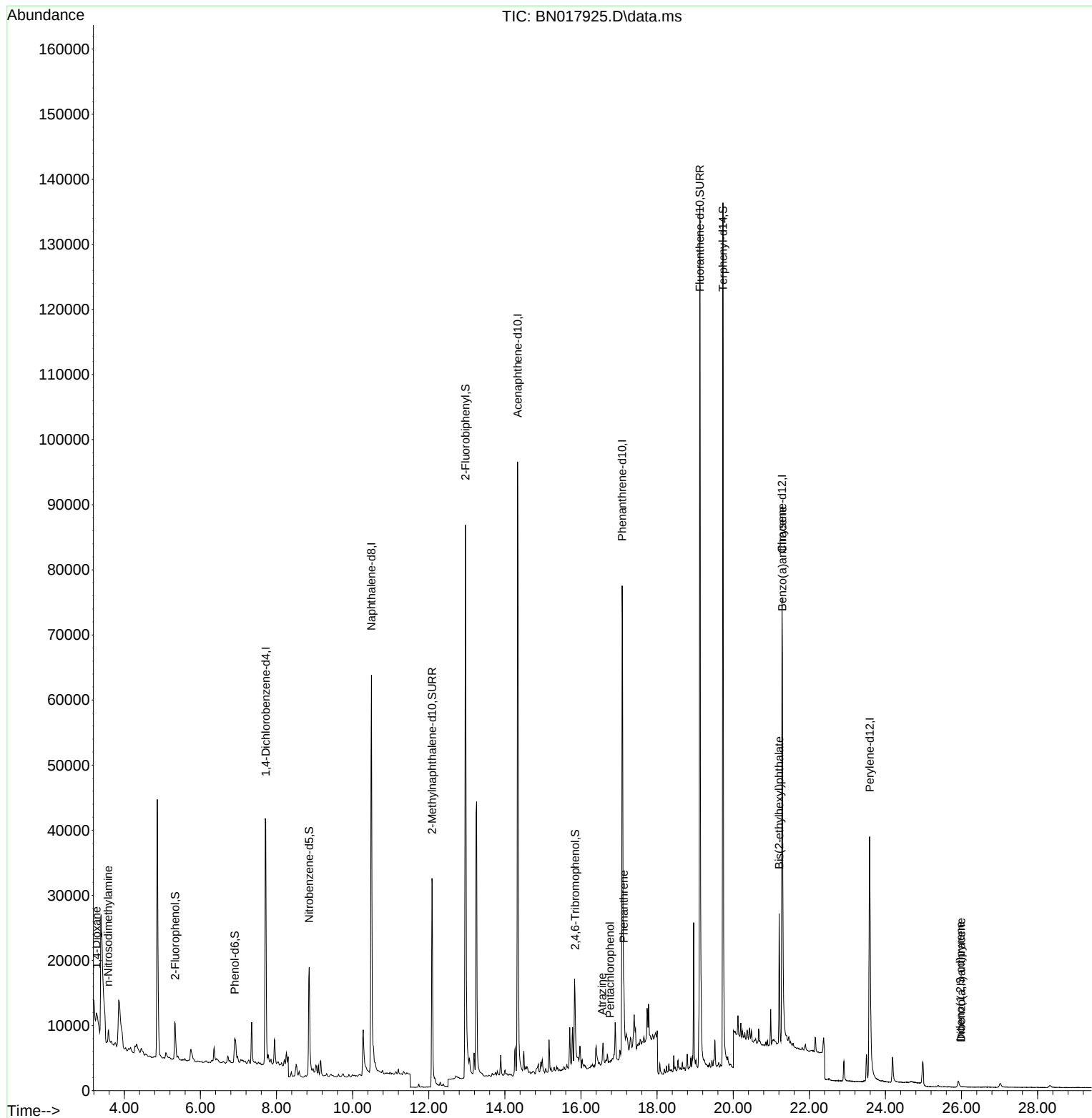
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23654	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97465	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	64645	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	134643	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	95835	0.400	ng	#-0.01
35) Perylene-d12	23.586	264	70118	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7113	0.146	ng	0.00
5) Phenol-d6	6.903	99	3936	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	19771	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	52987	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	16641	0.804	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	85477	0.376	ng	0.00
27) Fluoranthene-d10	19.124	212	175633	0.402	ng	0.00
31) Terphenyl-d14	19.730	244	162661	0.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	1621	0.226	ng	90
3) n-Nitrosodimethylamine	3.575	42	489	0.023	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.451	198	11	Below Cal		# 43
23) Atrazine	16.557	200	343	0.097	ng	# 1
24) Pentachlorophenol	16.764	266	90	0.127	ng	# 79
25) Phenanthrene	17.129	178	7602	0.022	ng	# 92
32) Benzo(a)anthracene	21.293	228	797	0.052	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	18917	0.184	ng	100
36) Indeno(1,2,3-cd)pyrene	25.968	276	11	0.089	ng	# 68
40) Dibenzo(a,h)anthracene	25.985	278	8	0.101	ng	# 1

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

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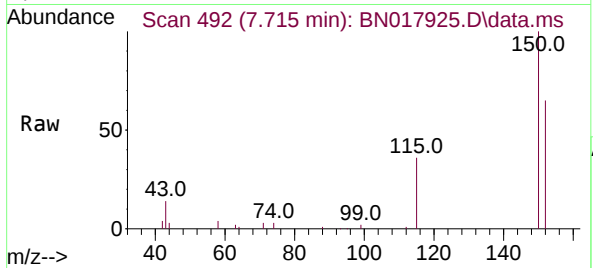
Quant Time: Dec 13 00:02:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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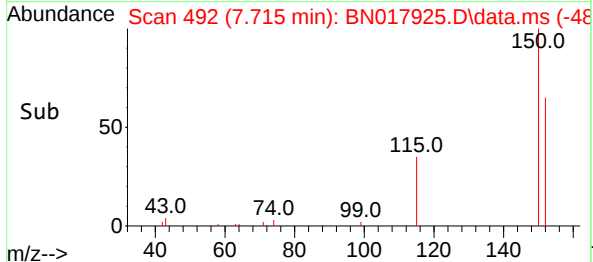
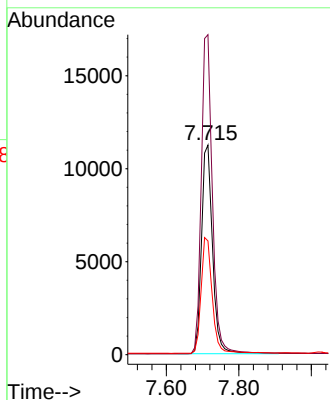


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Instrument :
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 ClientSampleId :
 RE123D1-20211204

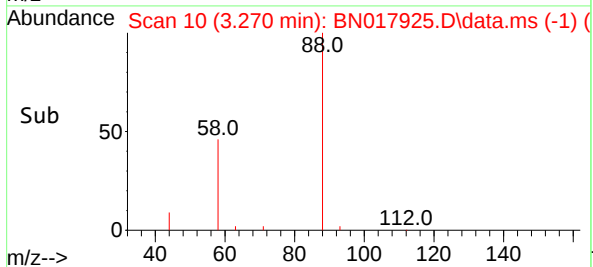
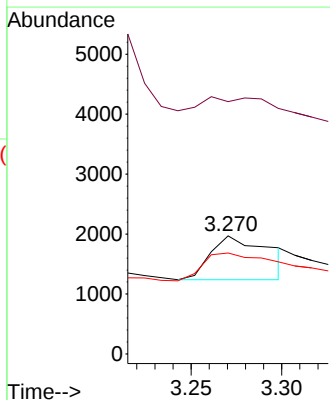
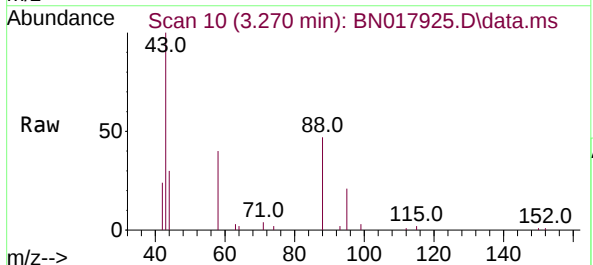


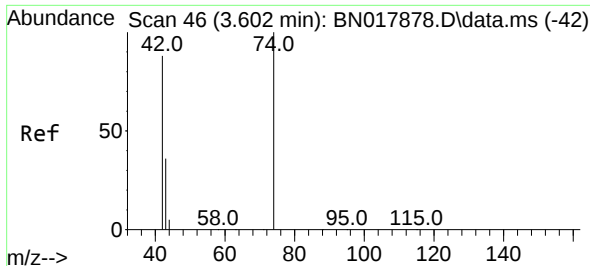
Tgt Ion:152 Resp: 23654
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.9 182.9
 115 54.3 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.226 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Tgt Ion: 88 Resp: 1621
 Ion Ratio Lower Upper
 88 100
 43 31.0 28.0 42.0
 58 71.8 65.4 98.0

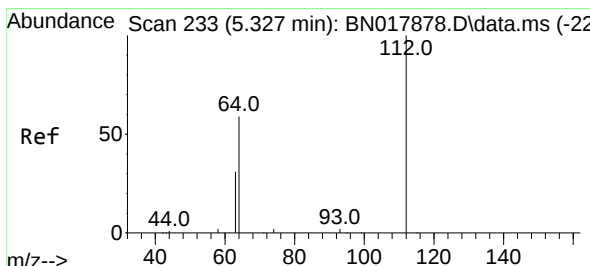
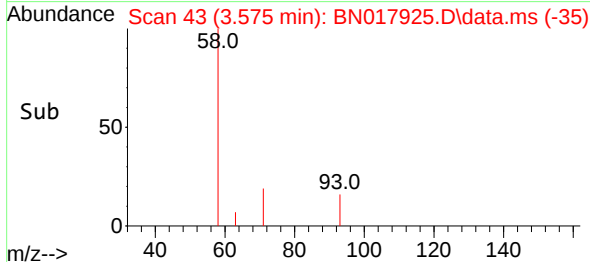
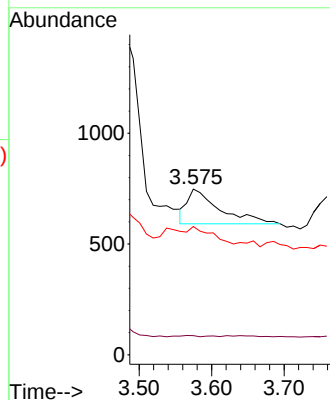
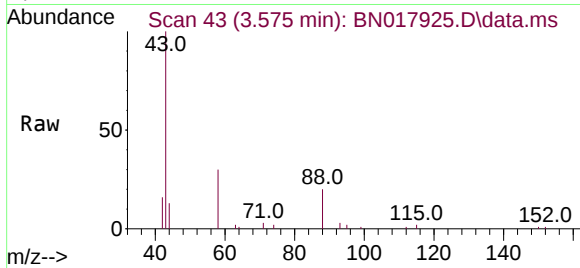




#3
 n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.575 min Scan# 41
 Delta R.T. -0.028 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

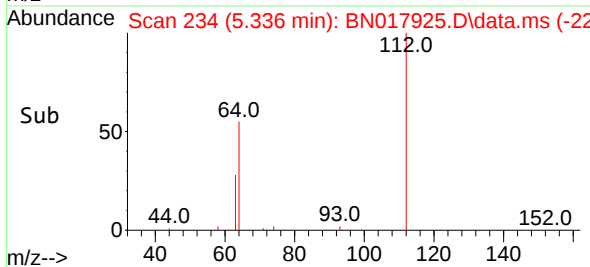
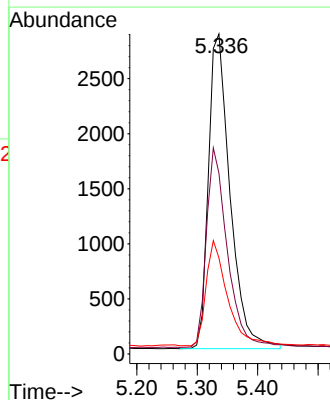
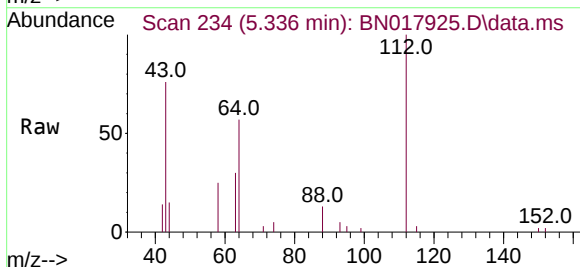
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 ClientSampleId :
 RE123D1-20211204

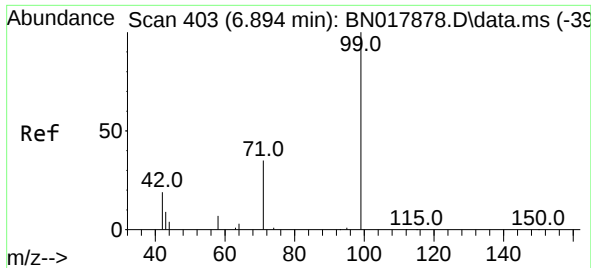
Tgt Ion: 42 Resp: 489
 Ion Ratio Lower Upper
 42 100
 74 1.8 100.6 150.8#
 44 0.0 5.2 7.8#



#4
 2-Fluorophenol
 Concen: 0.146 ng
 RT: 5.336 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Tgt Ion: 112 Resp: 7113
 Ion Ratio Lower Upper
 112 100
 64 61.0 49.0 73.4
 63 33.0 26.2 39.2

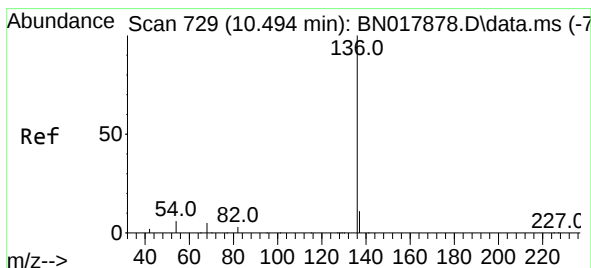
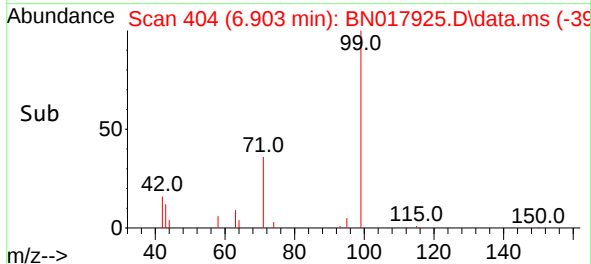
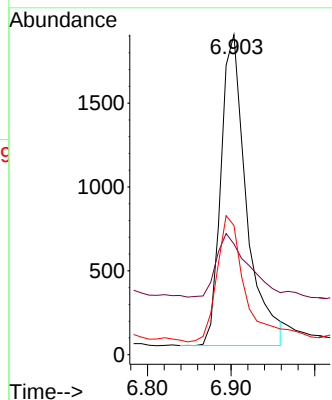
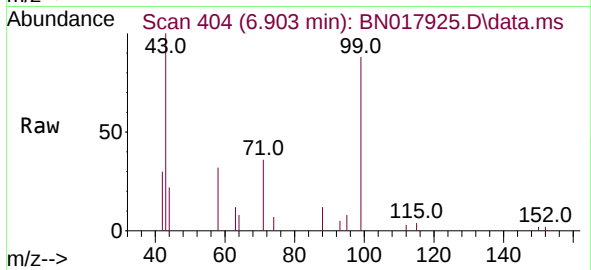




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

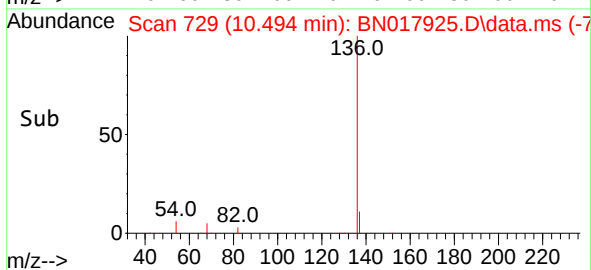
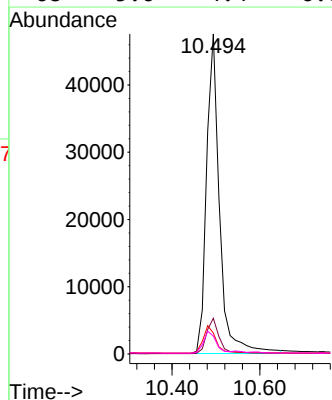
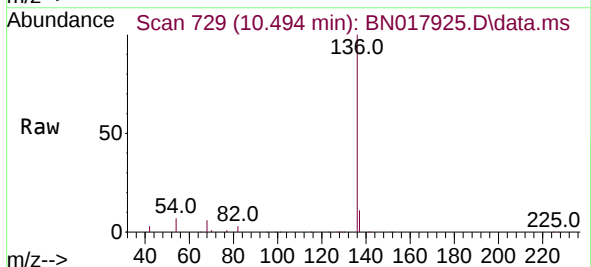
Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204

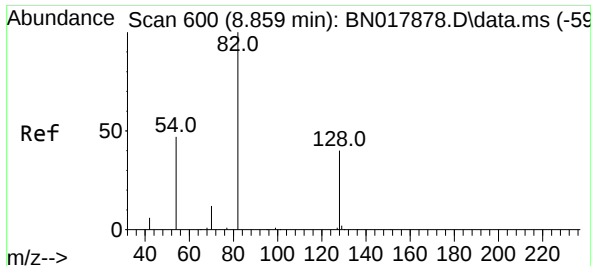
Tgt Ion: 99 Resp: 3936
Ion Ratio Lower Upper
99 100
42 25.0 17.0 25.4
71 43.6 28.0 42.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Tgt Ion: 136 Resp: 97465
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.1 7.7
68 5.6 4.4 6.6

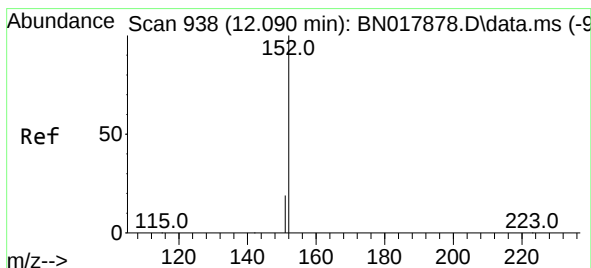
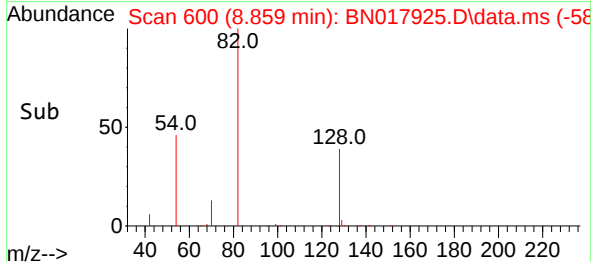
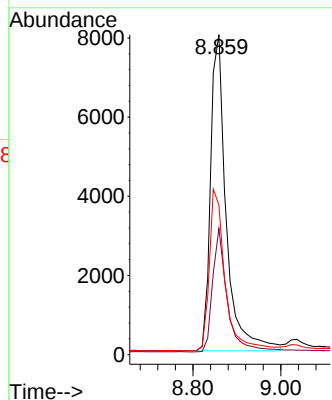
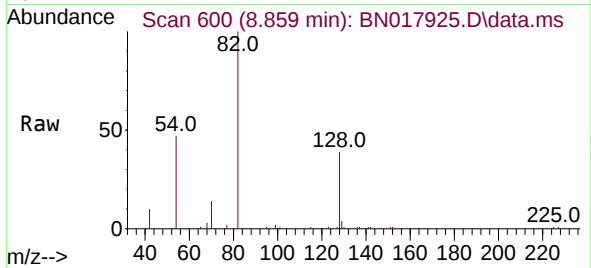




#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

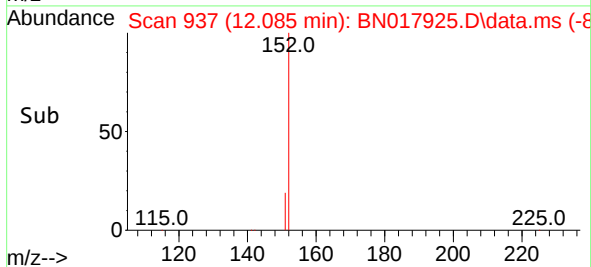
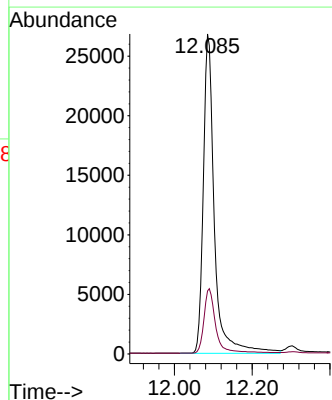
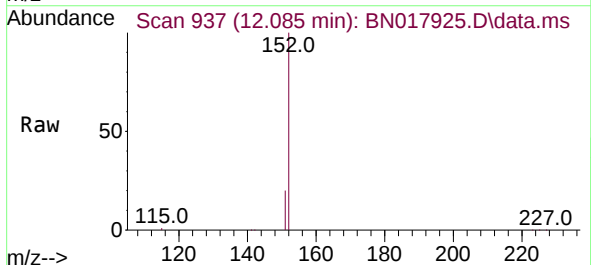
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BNA_N
ClientSampleId :
RE123D1-20211204

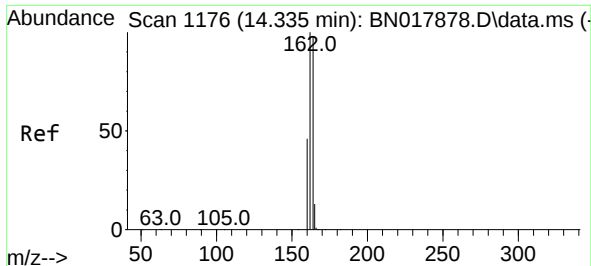
Tgt Ion: 82 Resp: 19771
Ion Ratio Lower Upper
82 100
128 39.4 32.2 48.4
54 46.8 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.085 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Tgt Ion: 152 Resp: 52987
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6

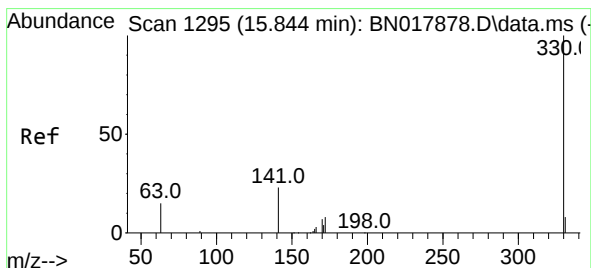
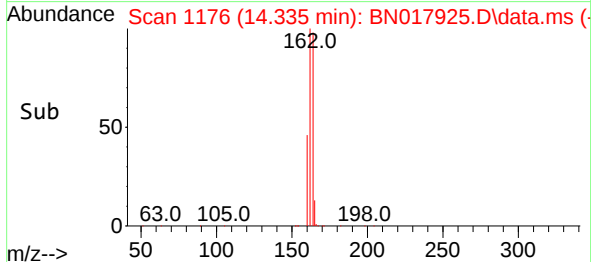
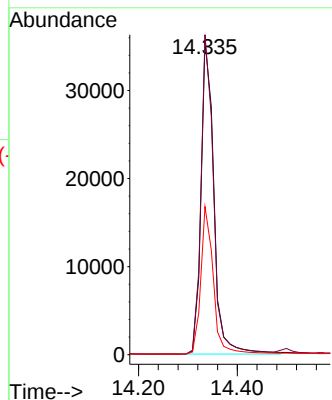
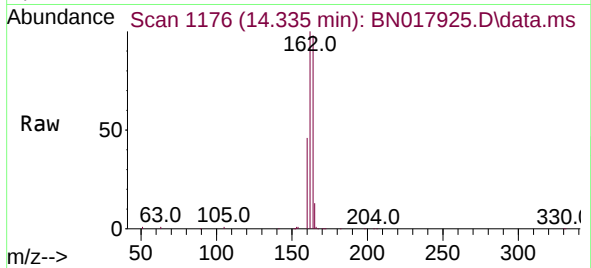




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

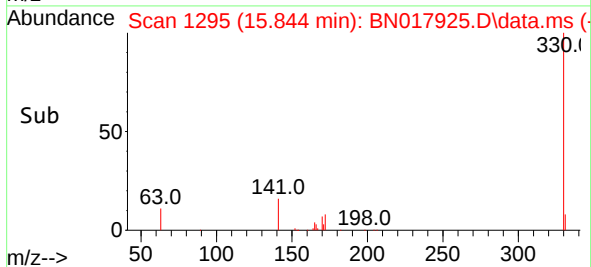
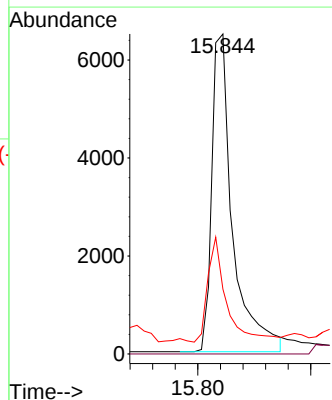
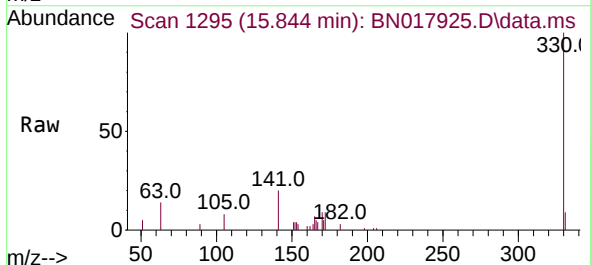
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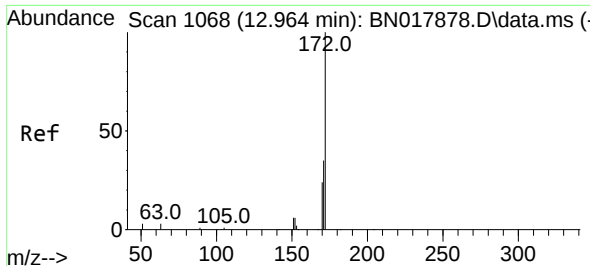
Tgt Ion:164 Resp: 64645
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 47.2 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.804 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Tgt Ion:330 Resp: 16641
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 19.7 29.5#

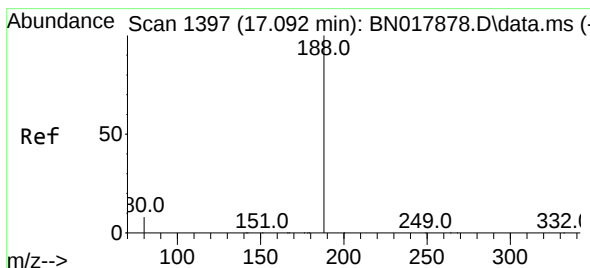
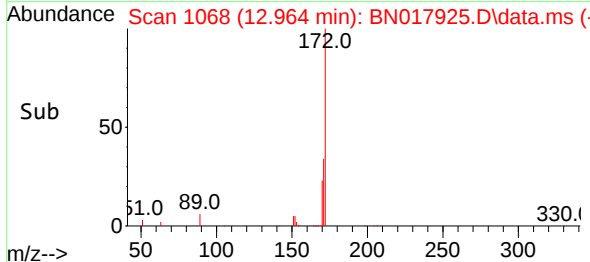
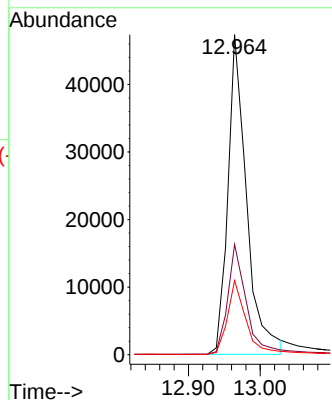
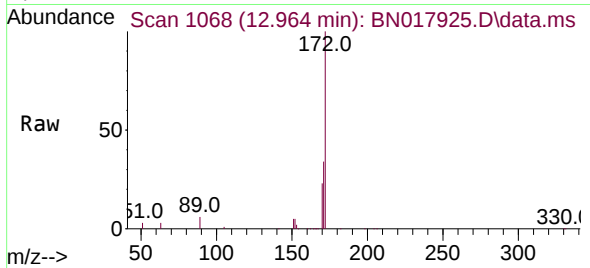




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

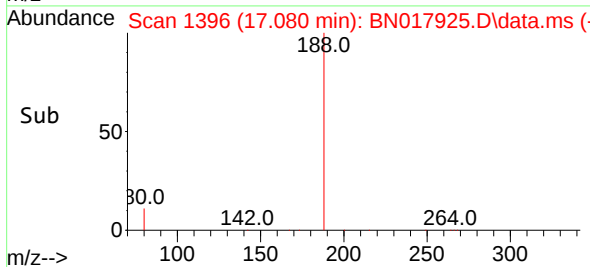
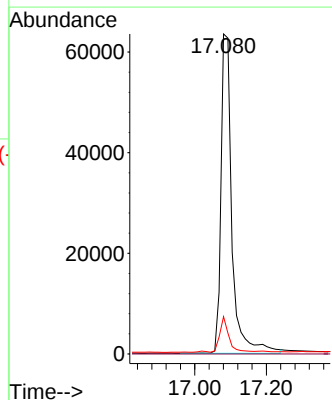
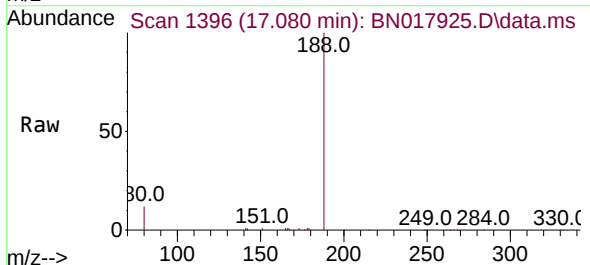
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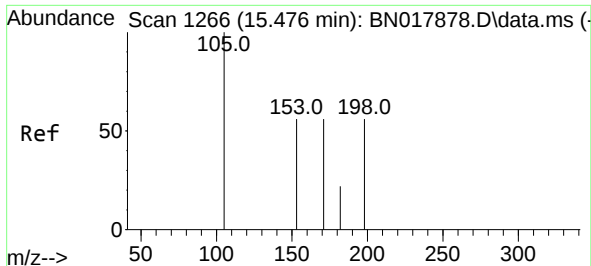
Tgt Ion:172 Resp: 85477
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.2 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Tgt Ion:188 Resp: 134643
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 6.2 9.2#

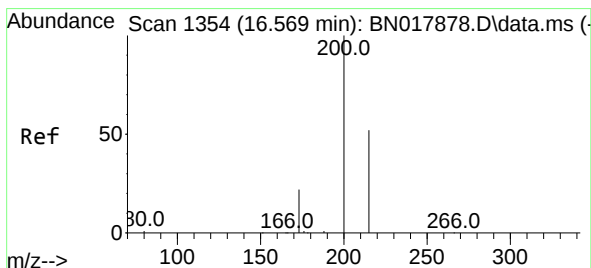
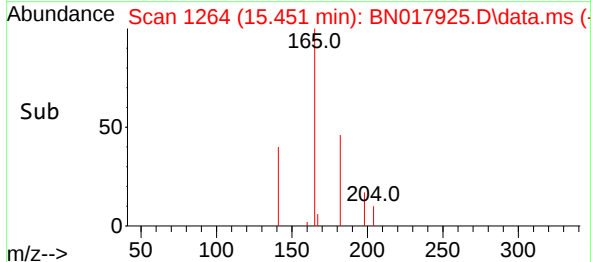
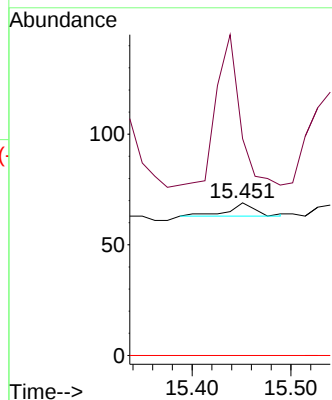
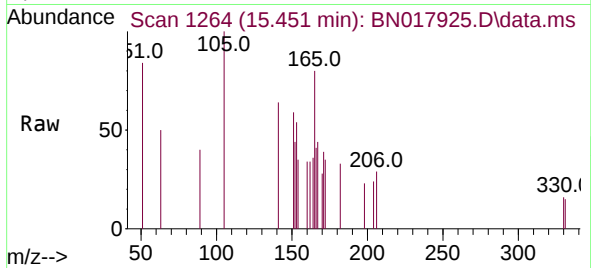




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

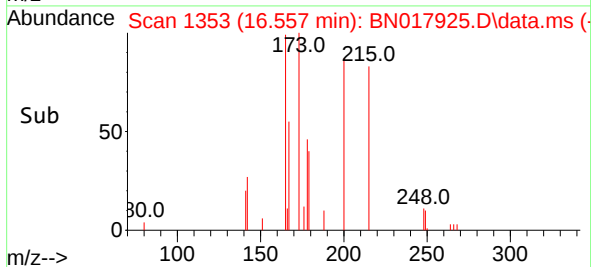
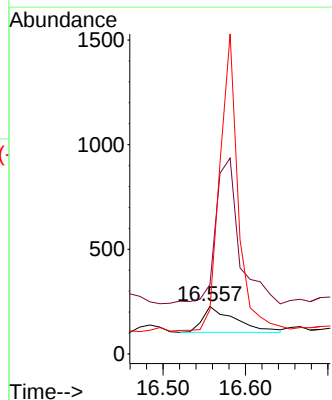
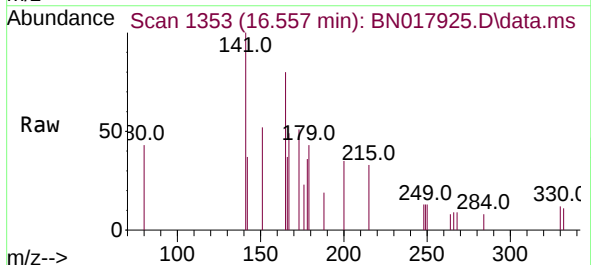
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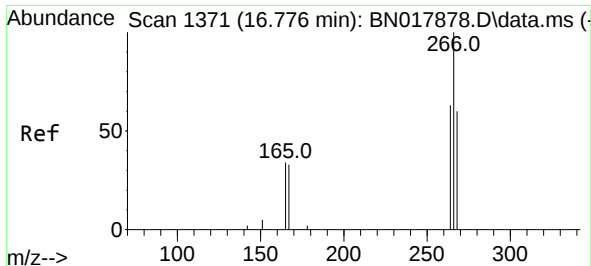
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 142.0 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.097 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Tgt Ion:200 Resp: 343
Ion Ratio Lower Upper
200 100
173 146.3 18.2 27.2#
215 93.4 41.8 62.8#

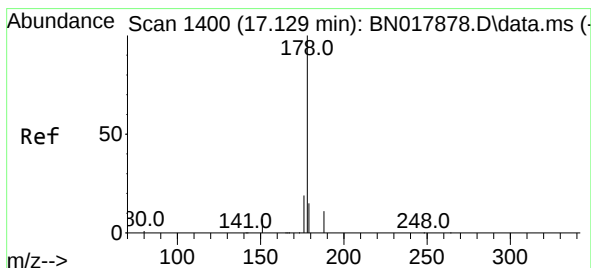
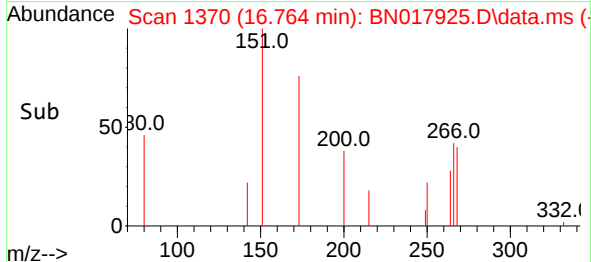
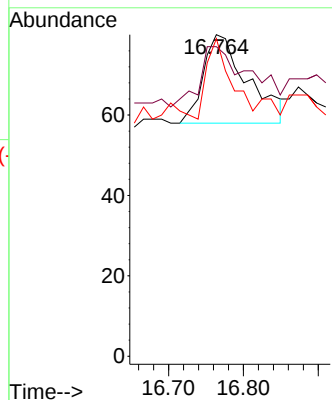
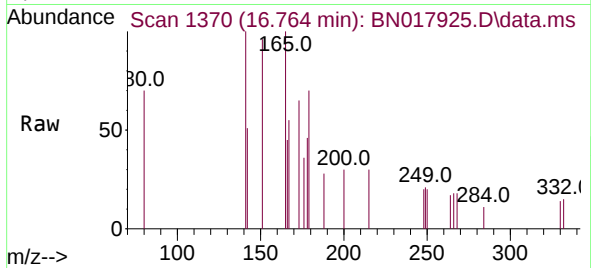




#24
 Pentachlorophenol
 Concen: 0.127 ng
 RT: 16.764 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

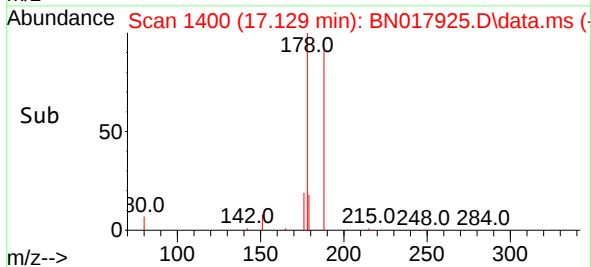
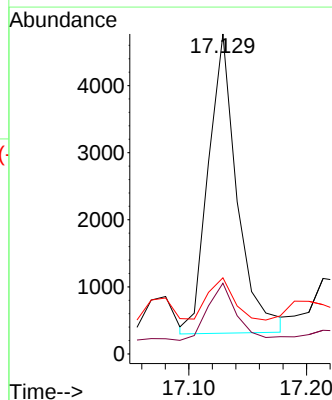
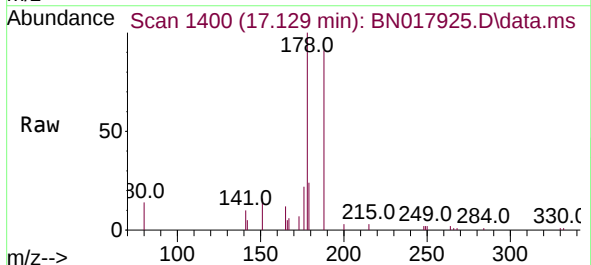
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204

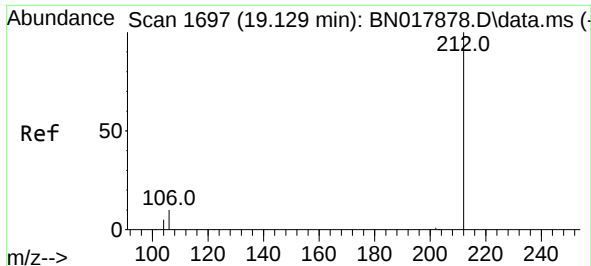
Tgt Ion:266 Resp: 90
 Ion Ratio Lower Upper
 266 100
 264 76.7 50.6 76.0#
 268 47.8 53.7 80.5#



#25
 Phenanthrene
 Concen: 0.022 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. -0.000 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Tgt Ion:178 Resp: 7602
 Ion Ratio Lower Upper
 178 100
 176 22.6 15.0 22.6#
 179 12.3 12.4 18.6#

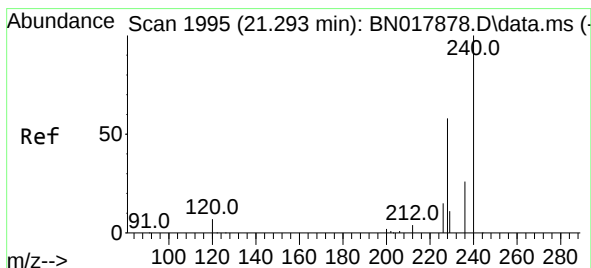
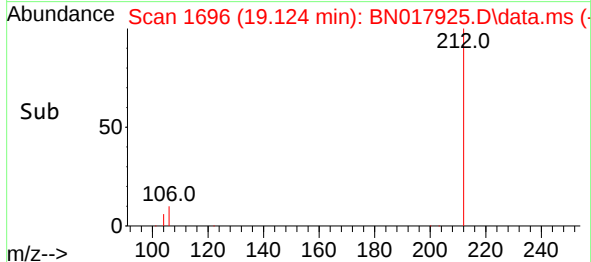
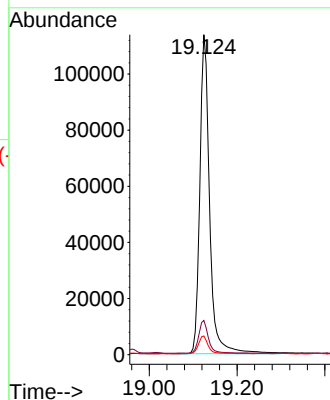
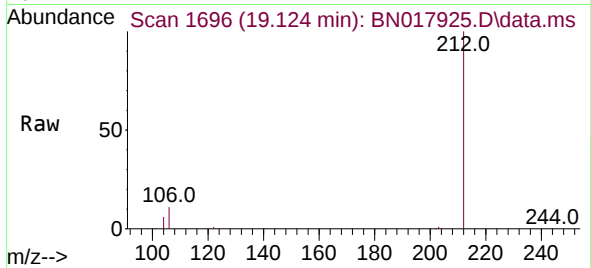




#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

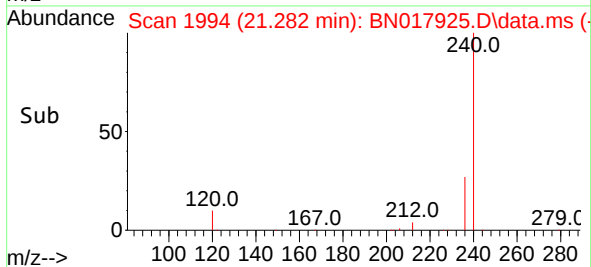
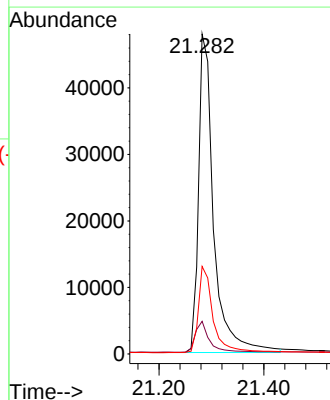
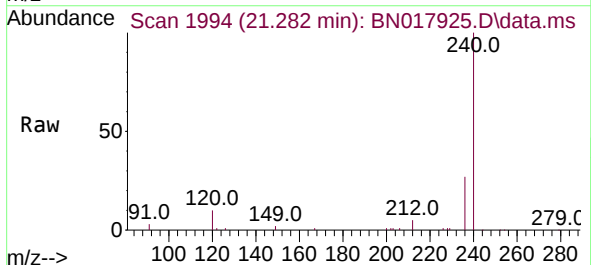
Instrument :
BNA_N
ClientSampleId :
RE123D1-20211204

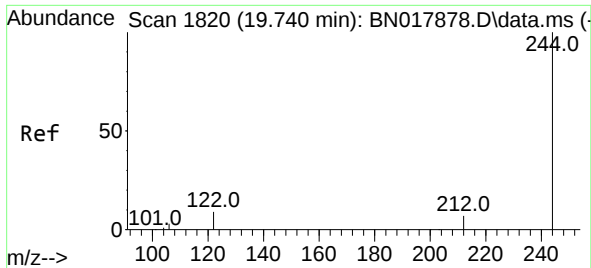
Tgt Ion:212 Resp: 175633
Ion Ratio Lower Upper
212 100
106 10.0 8.3 12.5
104 5.8 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017925.D
Acq: 12 Dec 2021 04:05

Tgt Ion:240 Resp: 95835
Ion Ratio Lower Upper
240 100
120 10.2 5.8 8.8#
236 27.3 21.0 31.6

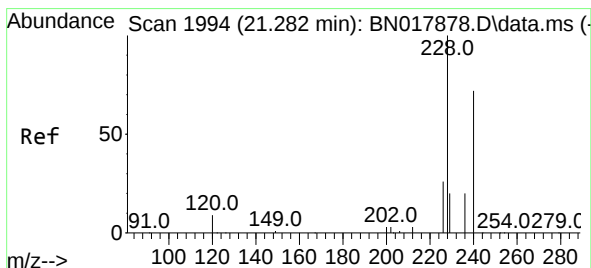
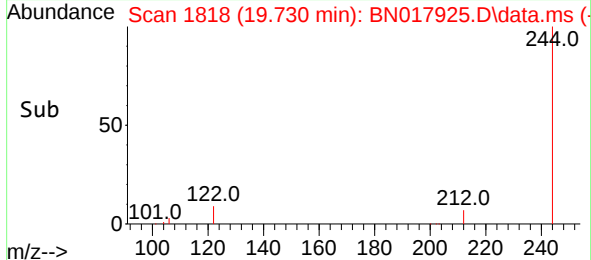
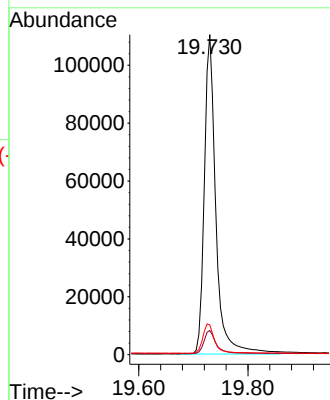
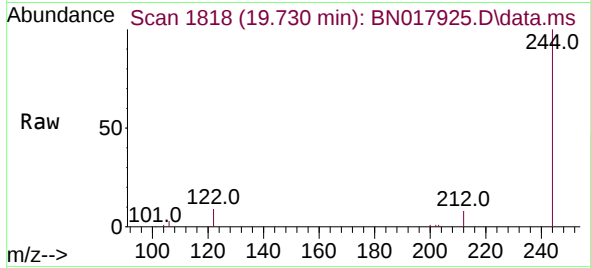




#31
 Terphenyl-d14
 Concen: 0.688 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

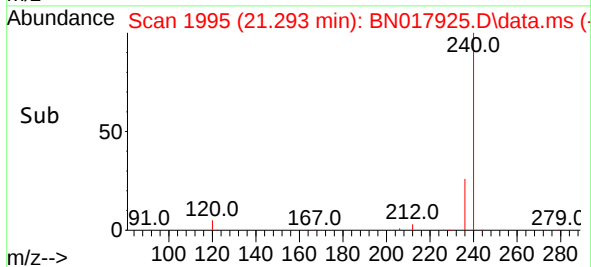
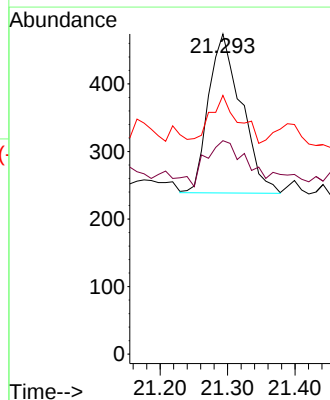
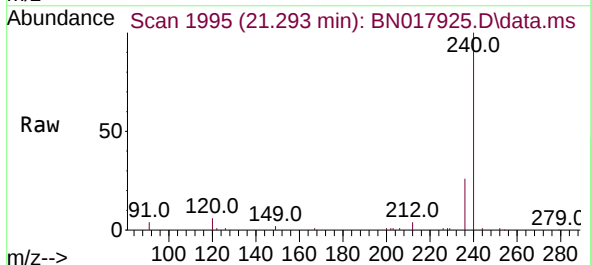
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204

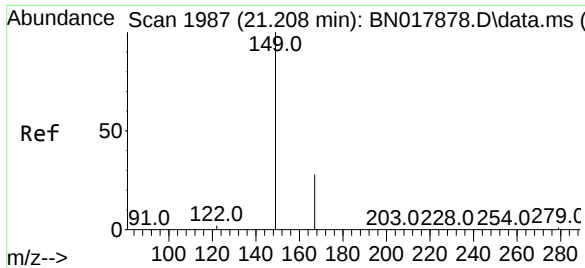
Tgt Ion:244 Resp: 162661
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.3 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Tgt Ion:228 Resp: 797
 Ion Ratio Lower Upper
 228 100
 226 66.7 21.0 31.4#
 229 80.8 15.8 23.8#

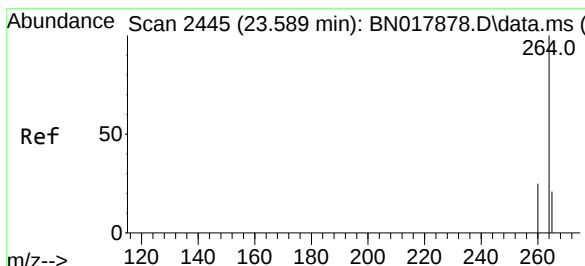
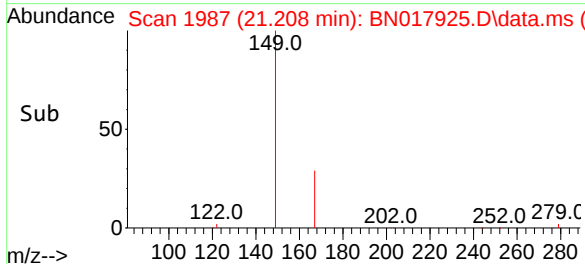
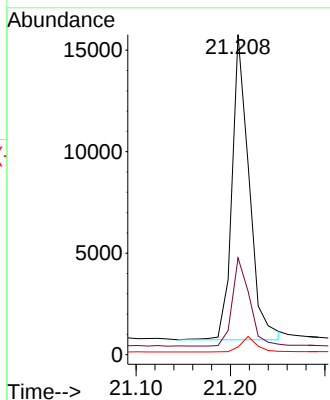
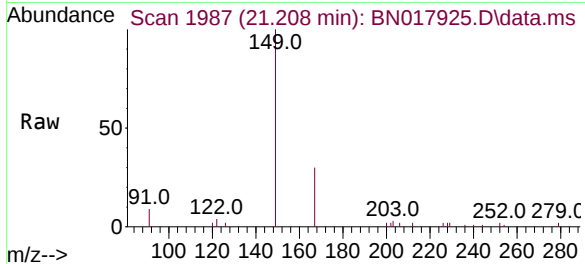




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.184 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

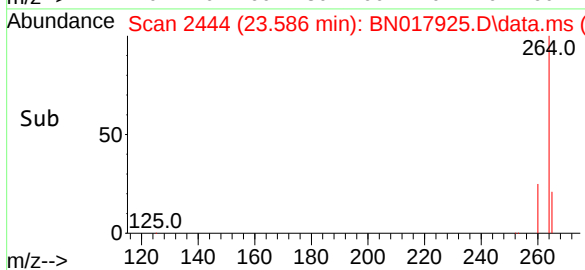
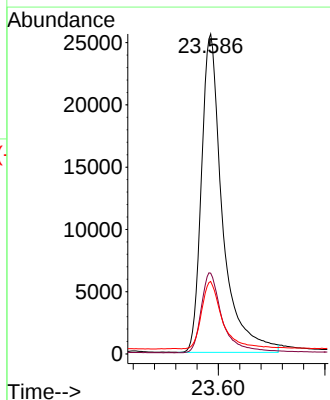
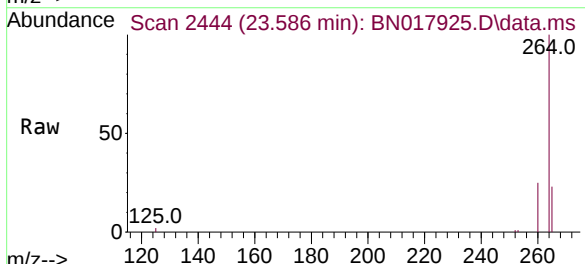
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204

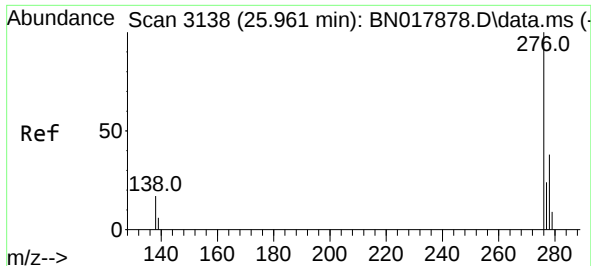
Tgt Ion:	149	Resp:	18917
Ion Ratio	Lower	Upper	
149	100		
167	29.1	23.4	35.0
279	4.8	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2444
 Delta R.T. -0.003 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Tgt Ion:	264	Resp:	70118
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.2	30.4
265	22.7	18.2	27.4

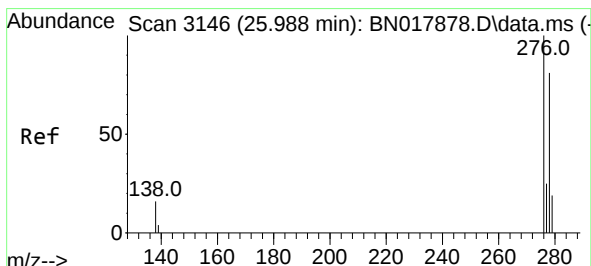
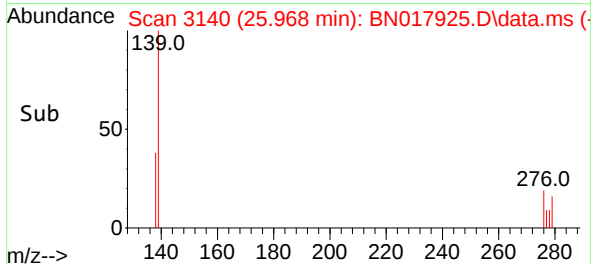
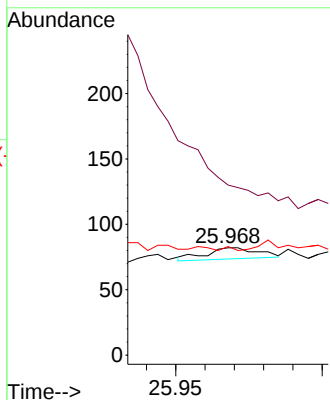
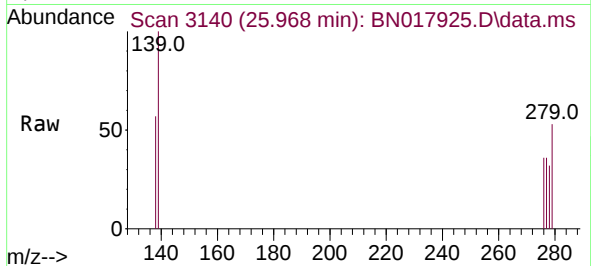




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.968 min Scan# 3138
 Delta R.T. 0.007 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20211204

Tgt Ion:276 Resp: 11
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 36.4 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.985 min Scan# 3145
 Delta R.T. -0.003 min
 Lab File: BN017925.D
 Acq: 12 Dec 2021 04:05

Tgt Ion:278 Resp: 8
 Ion Ratio Lower Upper
 278 100
 139 253.2 12.0 18.0#
 279 148.1 20.8 31.2#

