

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017920.D
 Acq On : 12 Dec 2021 01:04
 Operator : CG/JU
 Sample : M4957-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20211206

Quant Time: Dec 12 02:52:19 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)

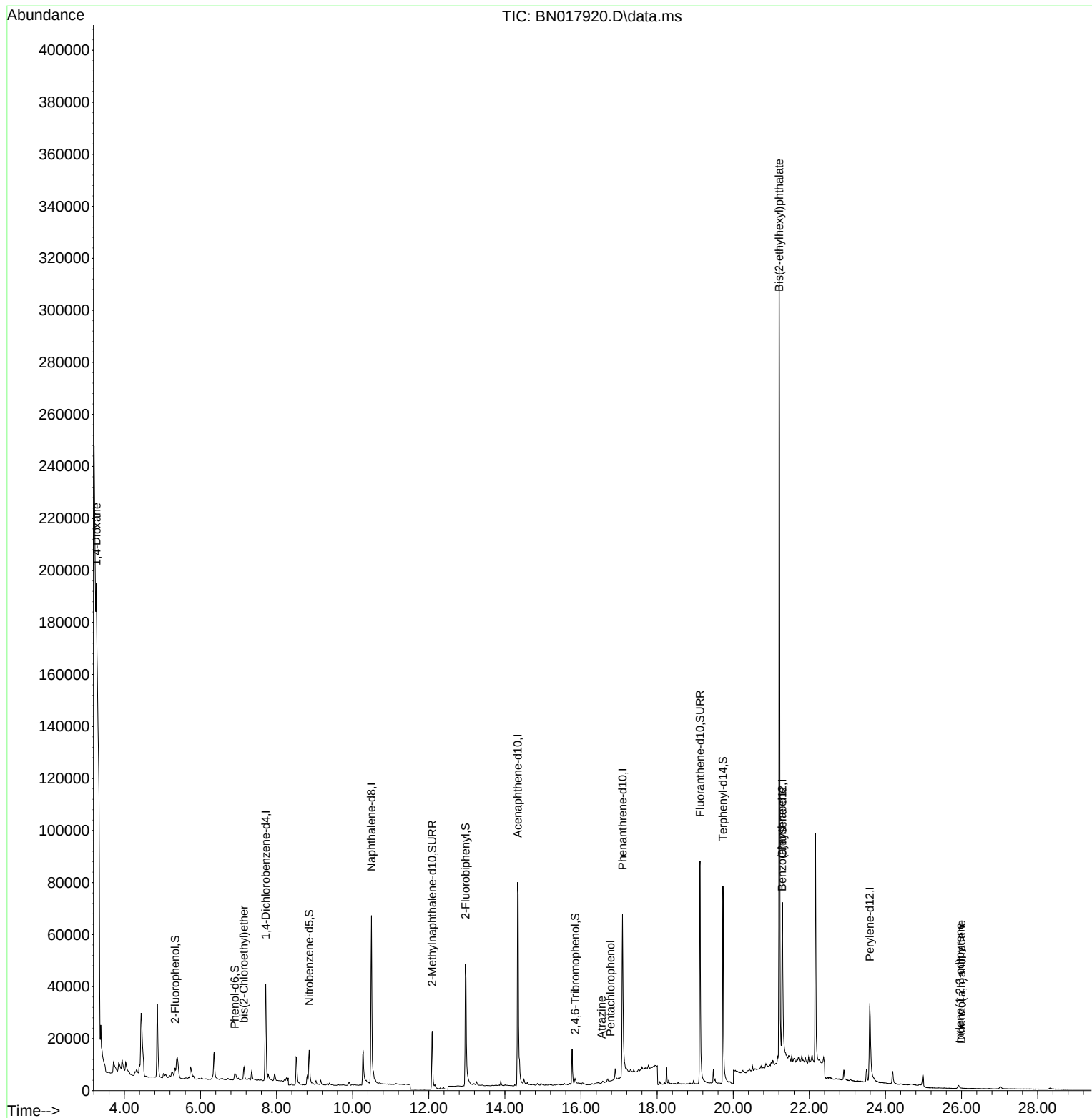
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	23568	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97623	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	62516	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	126426	0.400	ng	0.00
29) Chrysene-d12	21.293	240	91310	0.400	ng	0.00
35) Perylene-d12	23.589	264	59406	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4975	0.102	ng	0.00
5) Phenol-d6	6.903	99	2647	0.055	ng	0.00
8) Nitrobenzene-d5	8.859	82	15122	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	38641	0.225	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2839	0.416	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	57526	0.261	ng	0.00
27) Fluoranthene-d10	19.129	212	132136	0.322	ng	0.00
31) Terphenyl-d14	19.730	244	106177	0.472	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	35430	4.954	ng	93
6) bis(2-Chloroethyl)ether	7.143	93	3442	0.058	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.527	198	24	Below Cal		# 32
23) Atrazine	16.544	200	63	0.092	ng	# 17
24) Pentachlorophenol	16.776	266	12	0.088	ng	# 17
32) Benzo(a)anthracene	21.282	228	764	0.052	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	327018	3.336	ng	99
36) Indeno(1,2,3-cd)pyrene	25.957	276	5	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.992	278	2	0.101	ng	# 1

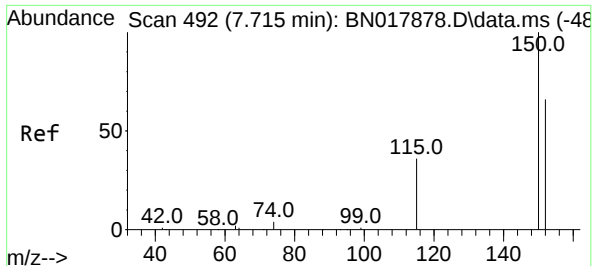
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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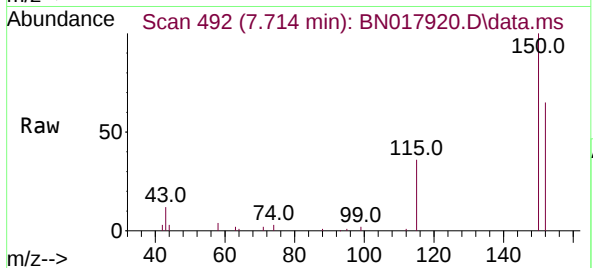
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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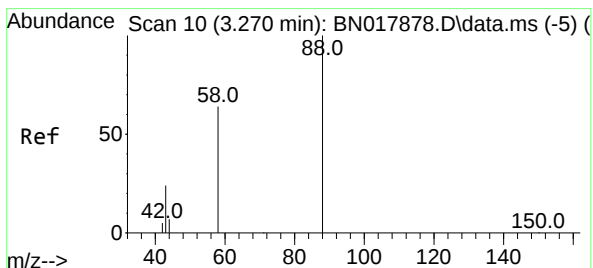
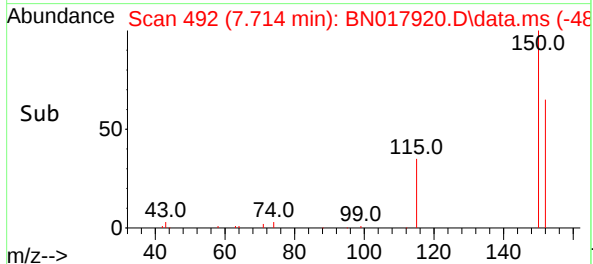
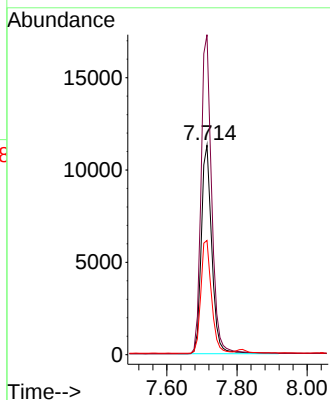


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

Instrument :
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 ClientSampleId :
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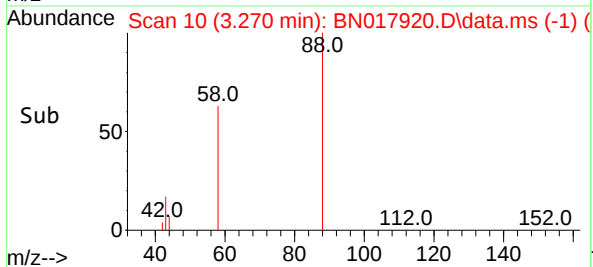
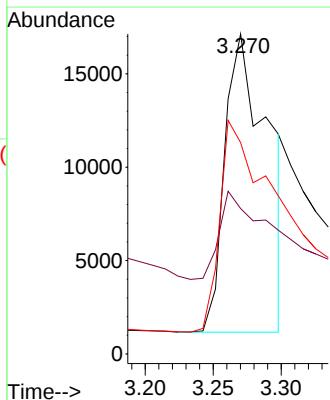
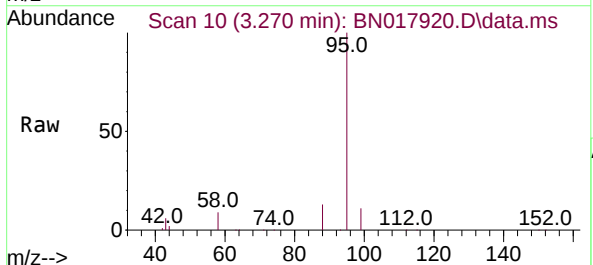


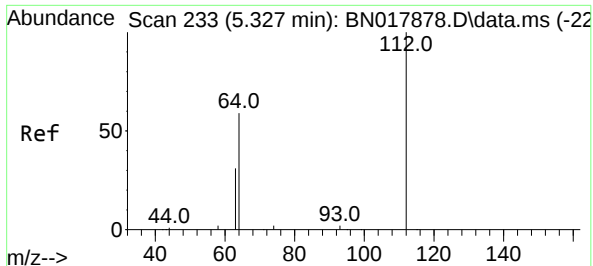
Tgt Ion:152 Resp: 23568
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.9 182.9
 115 54.5 44.1 66.1



#2
 1,4-Dioxane
 Concen: 4.954 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

Tgt Ion: 88 Resp: 35430
 Ion Ratio Lower Upper
 88 100
 43 29.9 28.0 42.0
 58 76.1 65.4 98.0

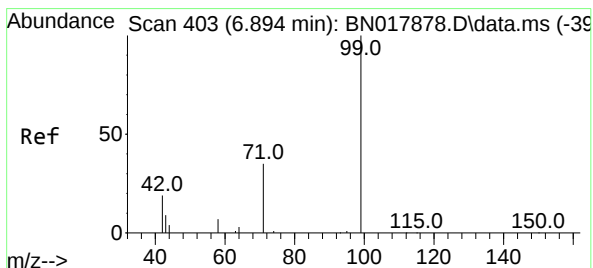
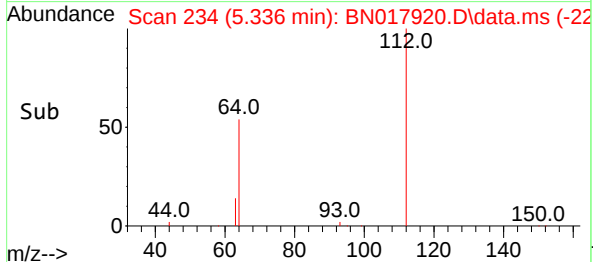
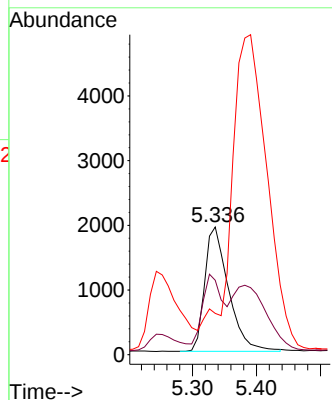
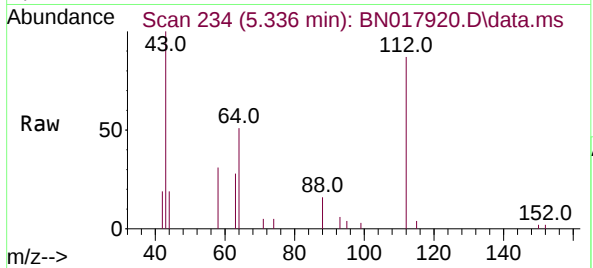




#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

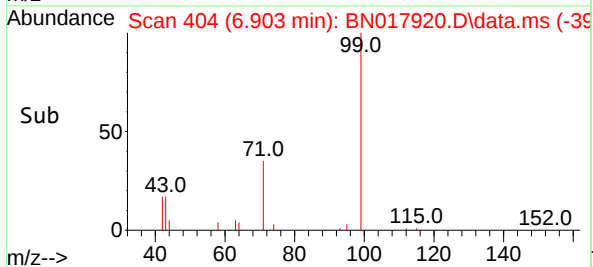
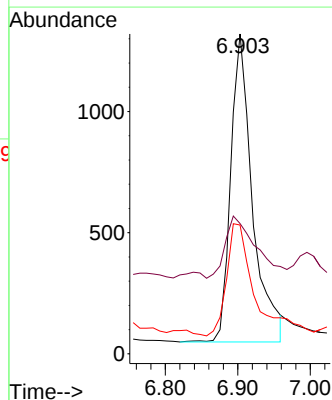
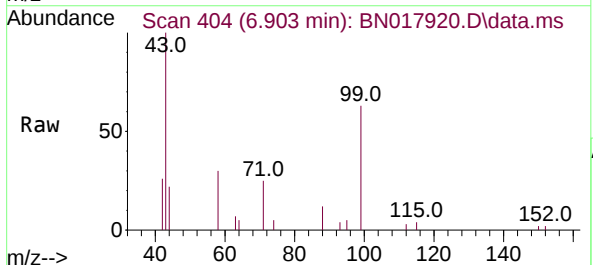
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BNA_N
ClientSampleId :
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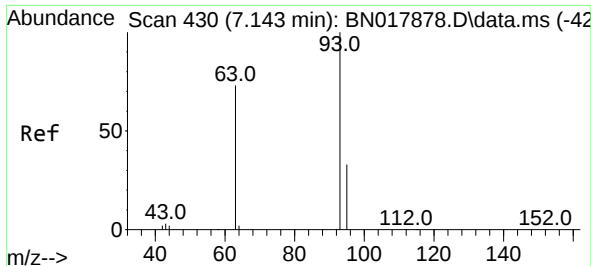
Tgt Ion:112 Resp: 4975
Ion Ratio Lower Upper
112 100
64 46.8 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.055 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

Tgt Ion: 99 Resp: 2647
Ion Ratio Lower Upper
99 100
42 28.1 17.0 25.4#
71 41.6 28.0 42.0

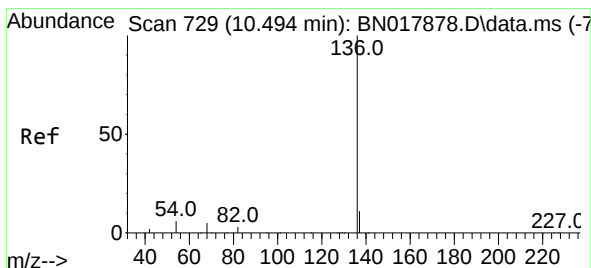
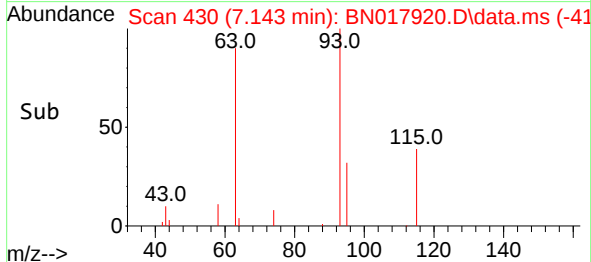
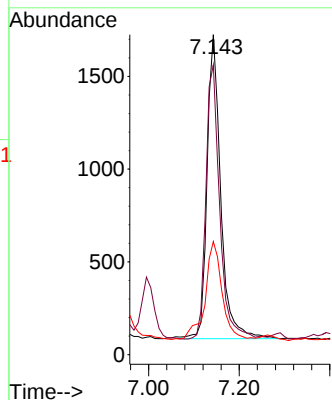
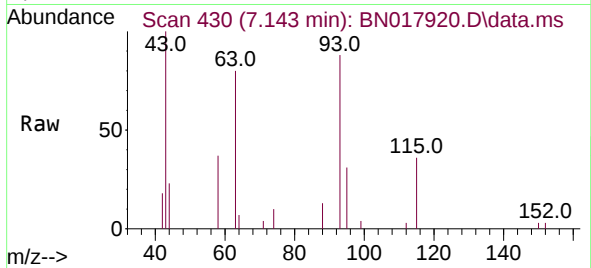




#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

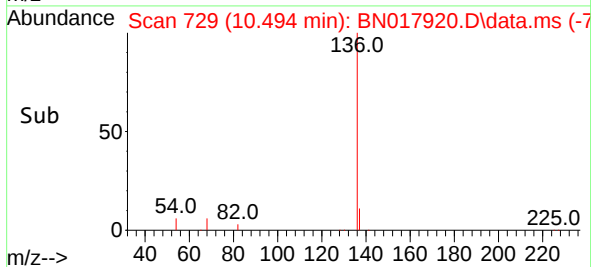
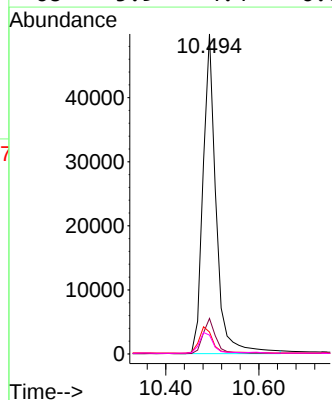
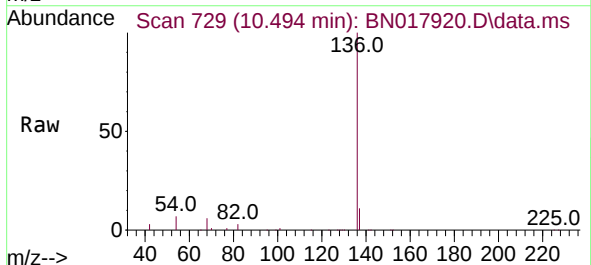
Instrument :
BNA_N
ClientSampleId :
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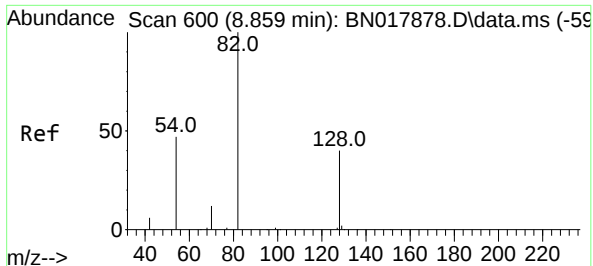
Tgt Ion: 93 Resp: 3442
Ion Ratio Lower Upper
93 100
63 91.5 62.0 93.0
95 39.9 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

Tgt Ion: 136 Resp: 97623
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.1 7.7
68 5.9 4.4 6.6

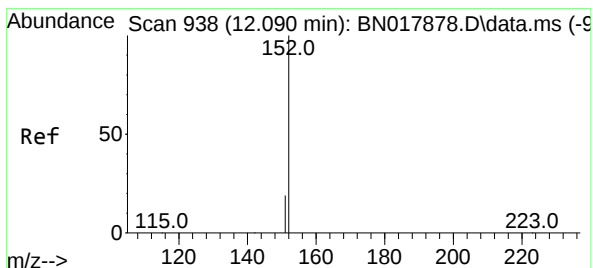
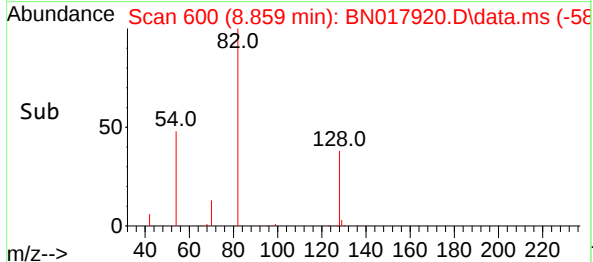
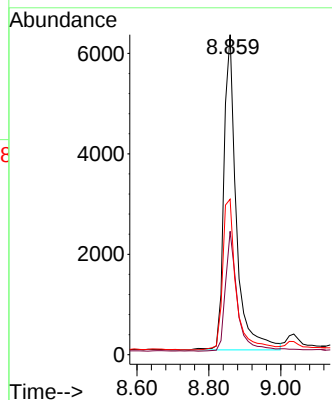
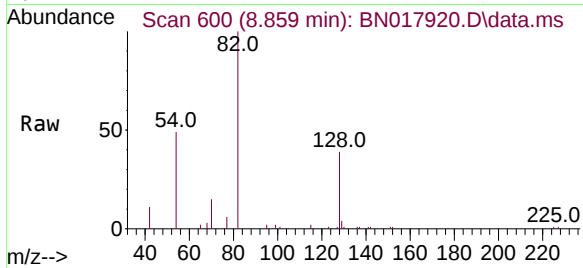




#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

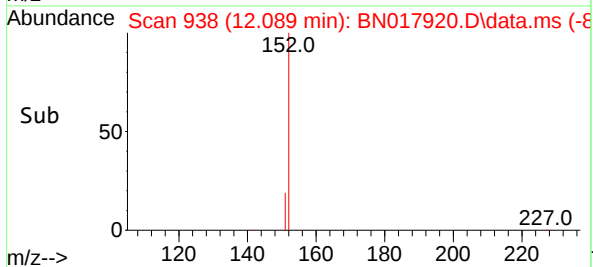
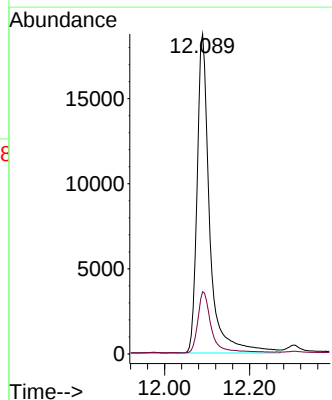
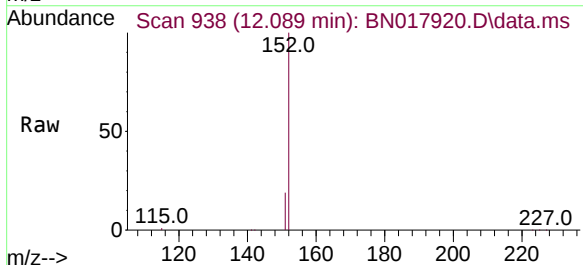
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ClientSampleId :
RE114D1-20211206

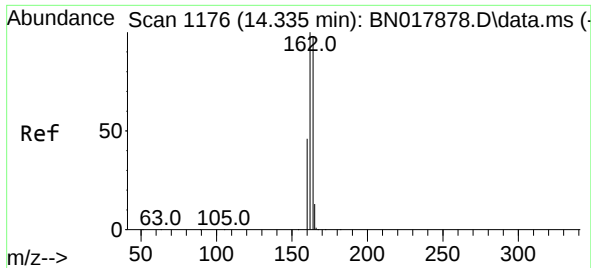
Tgt Ion: 82 Resp: 15122
Ion Ratio Lower Upper
82 100
128 38.6 32.2 48.4
54 48.6 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

Tgt Ion: 152 Resp: 38641
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6

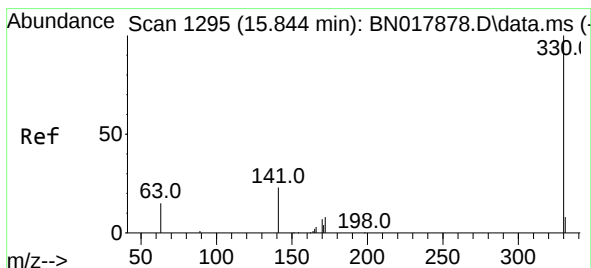
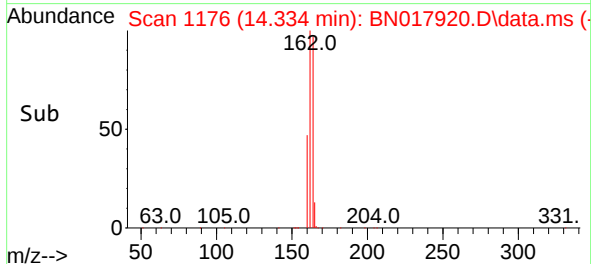
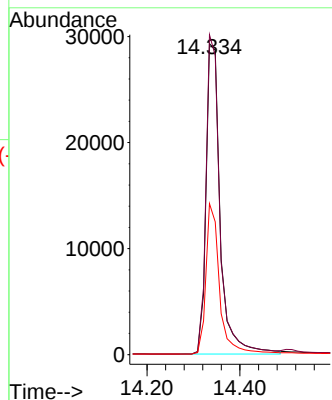
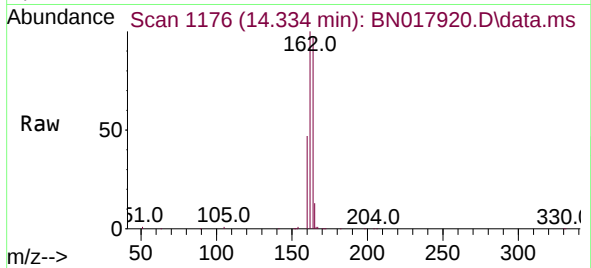




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

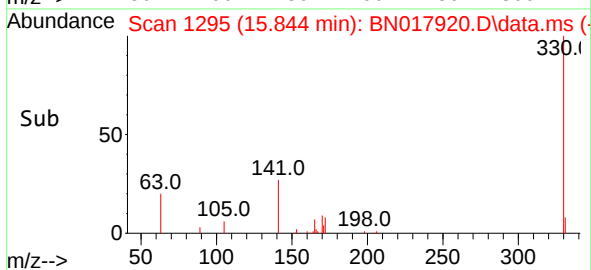
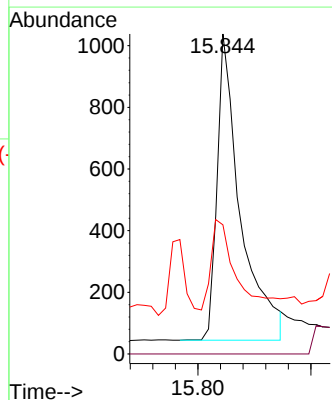
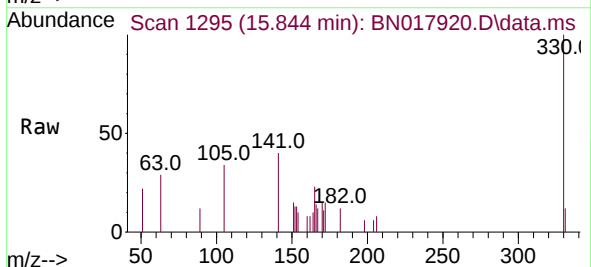
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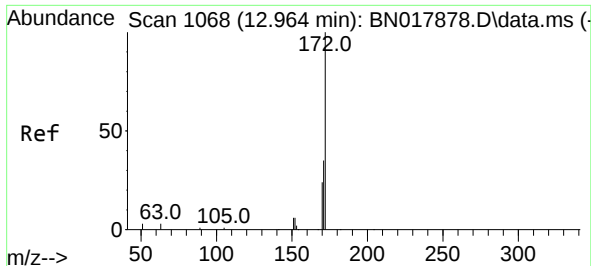
Tgt Ion:164 Resp: 62516
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 48.6 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.416 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

Tgt Ion:330 Resp: 2839
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 19.7 29.5#

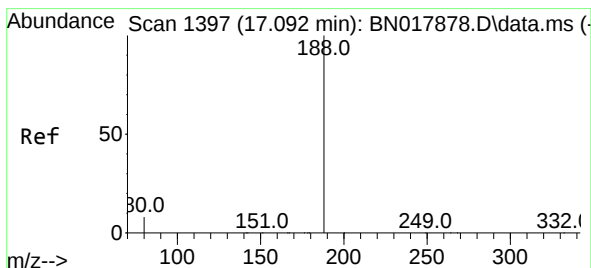
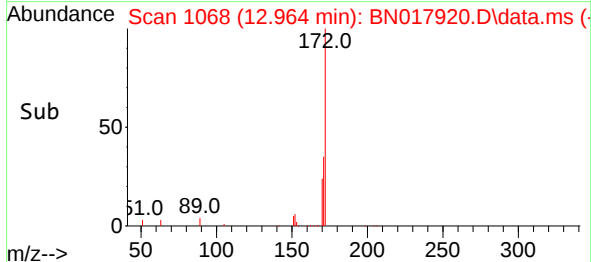
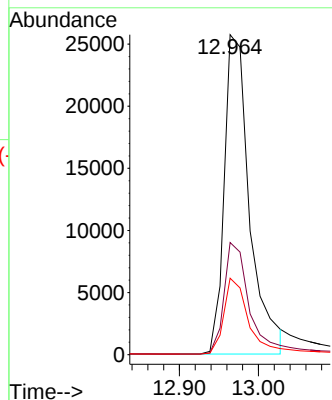
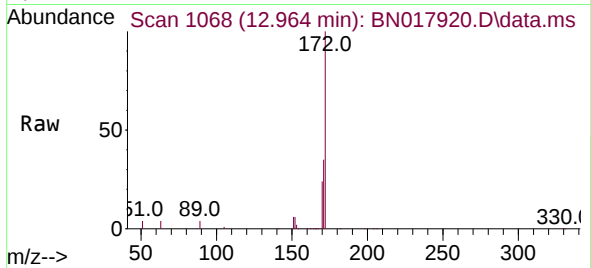




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

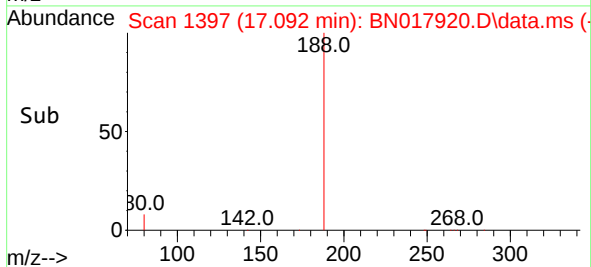
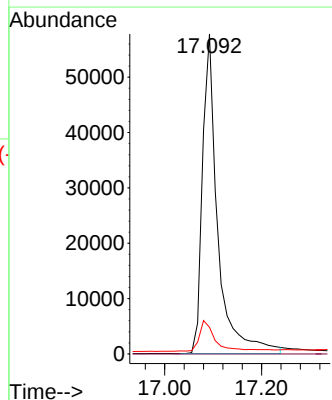
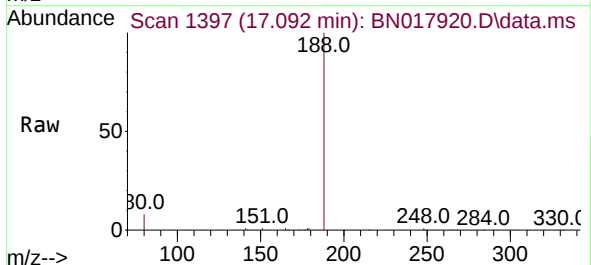
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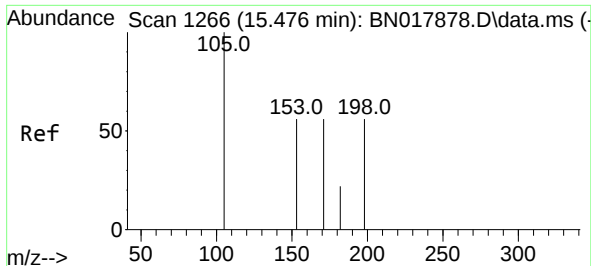
Tgt Ion:172	Resp:	57526
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.3 42.5
170	23.9	19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

Tgt Ion:188	Resp:	126426
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.3	6.2 9.2

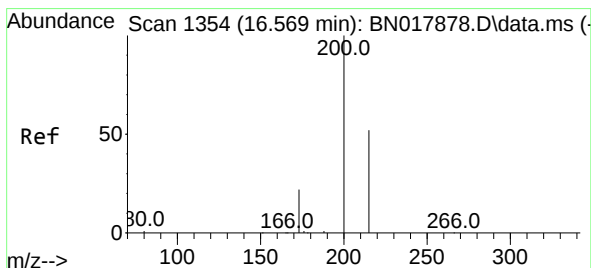
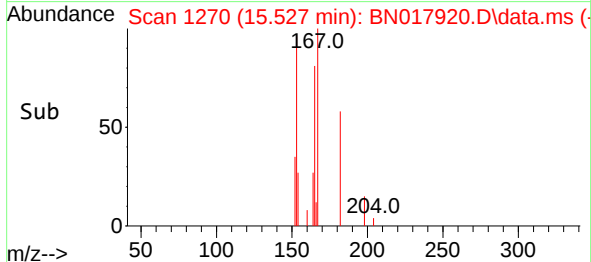
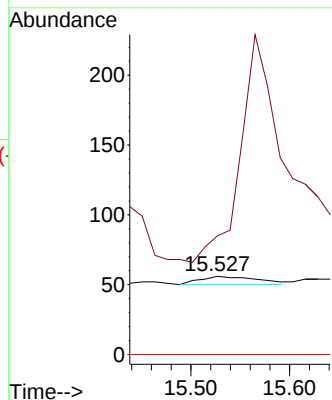
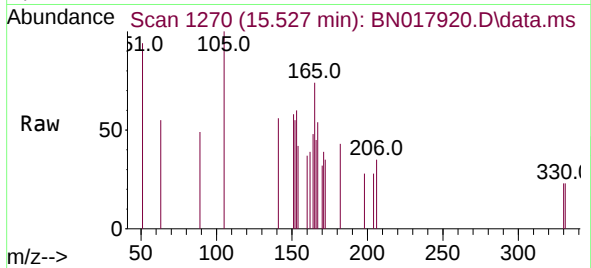




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.527 min Scan# 11
Delta R.T. 0.051 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

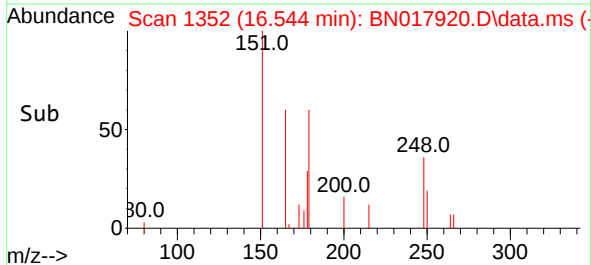
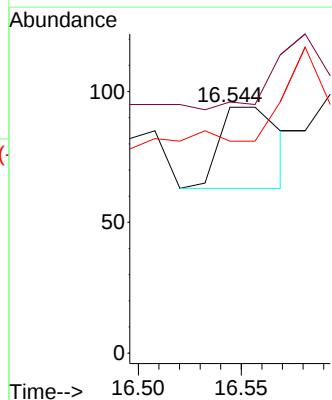
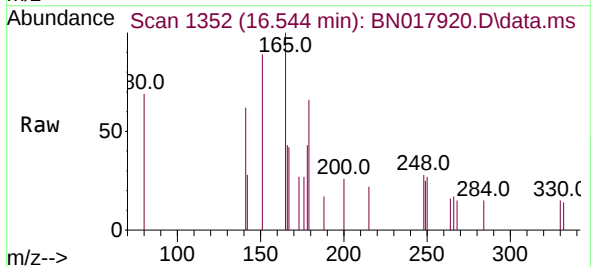
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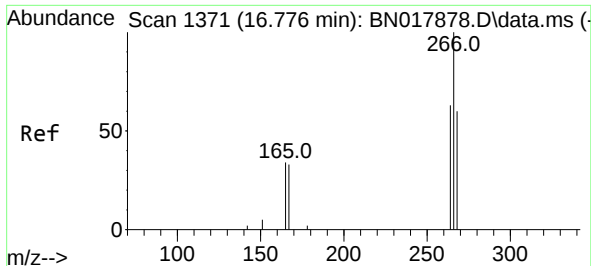
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 151.8 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.544 min Scan# 1352
Delta R.T. -0.024 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

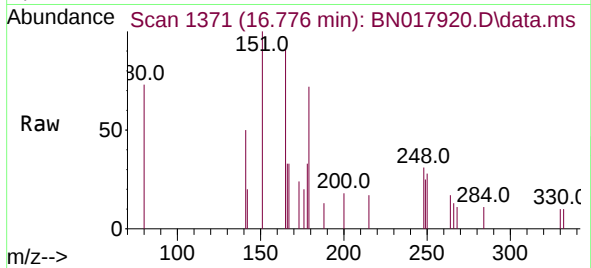
Tgt Ion:200 Resp: 63
Ion Ratio Lower Upper
200 100
173 102.1 18.2 27.2#
215 86.2 41.8 62.8#



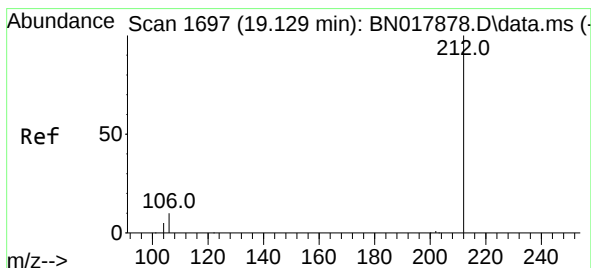
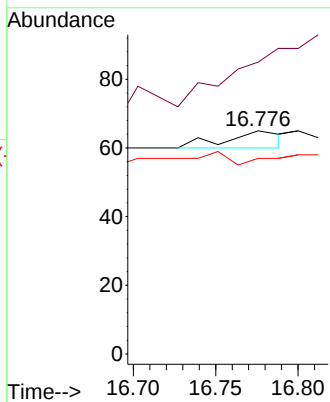
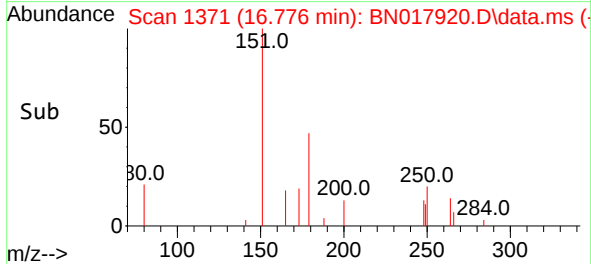


#24
 Pentachlorophenol
 Concen: 0.088 ng
 RT: 16.776 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

Instrument :
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 RE114D1-20211206

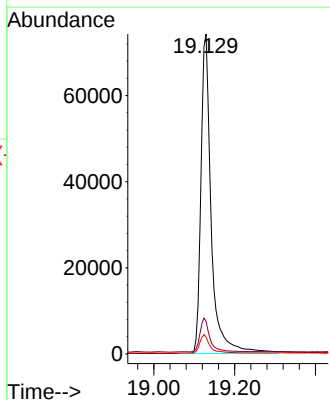
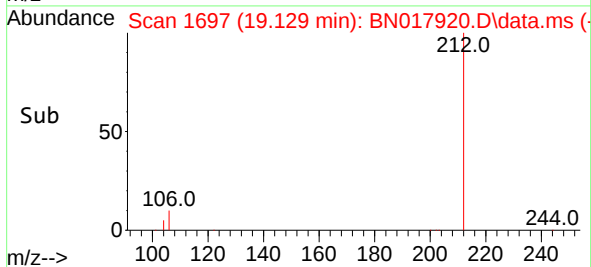
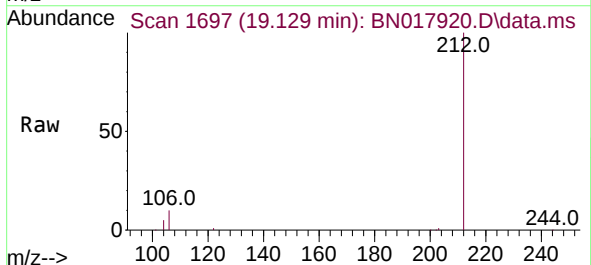


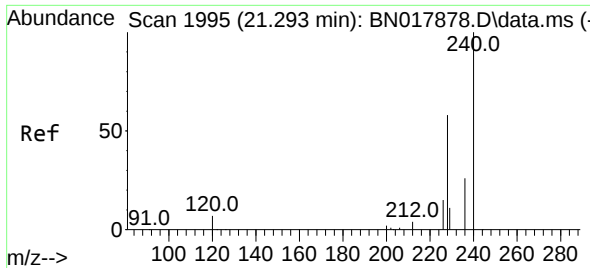
Tgt Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.322 ng
 RT: 19.129 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

Tgt Ion:212 Resp: 132136
 Ion Ratio Lower Upper
 212 100
 106 10.1 8.3 12.5
 104 5.7 4.6 6.8

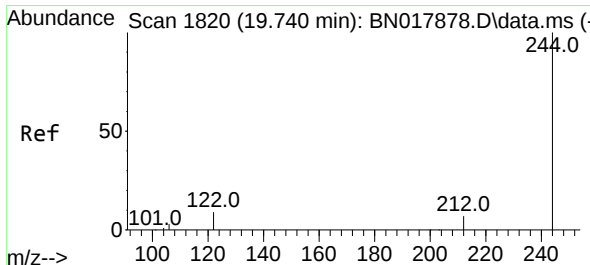
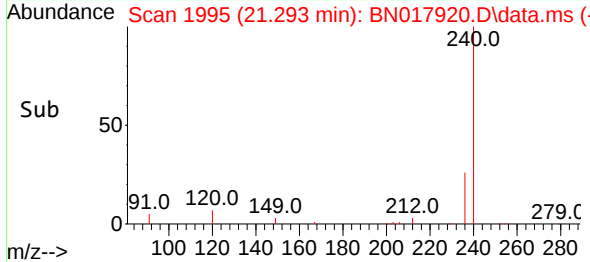
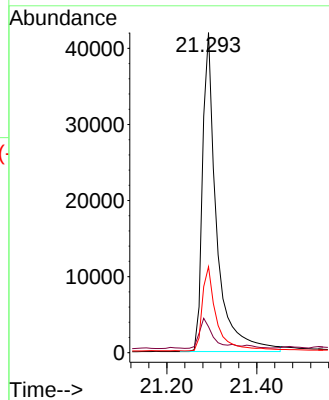
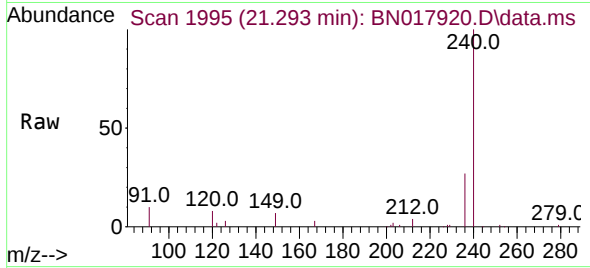




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

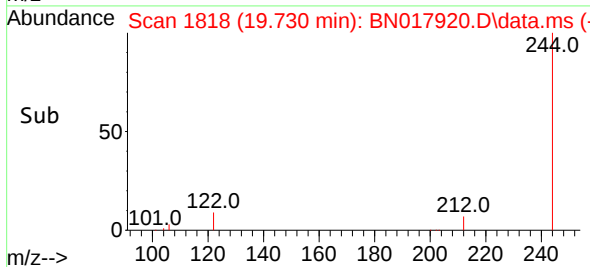
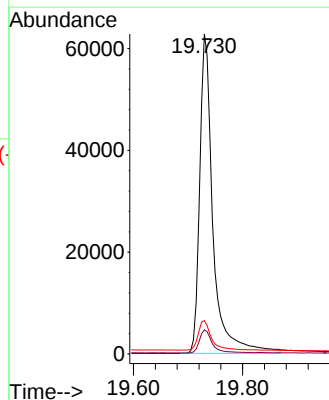
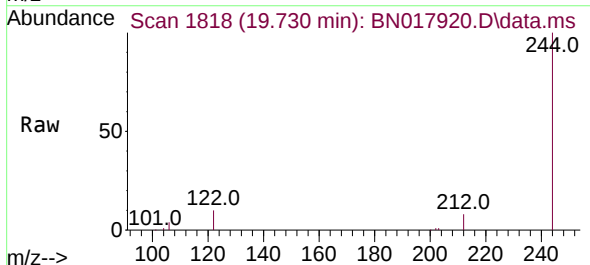
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206

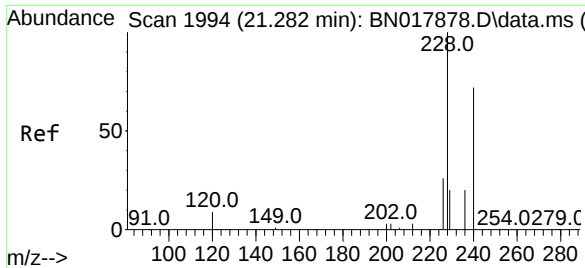
Tgt Ion:240 Resp: 91310
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 26.9 21.0 31.6



#31
Terphenyl-d14
Concen: 0.472 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

Tgt Ion:244 Resp: 106177
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.4 7.5 11.3

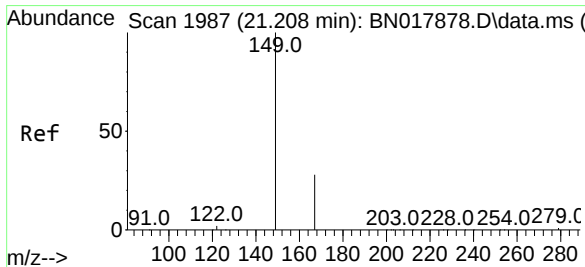
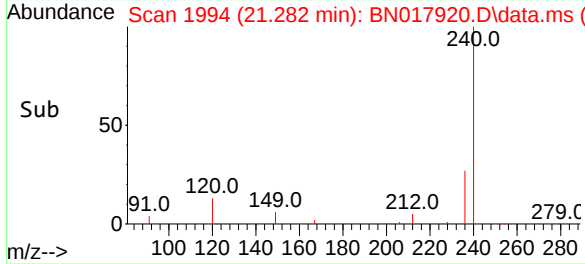
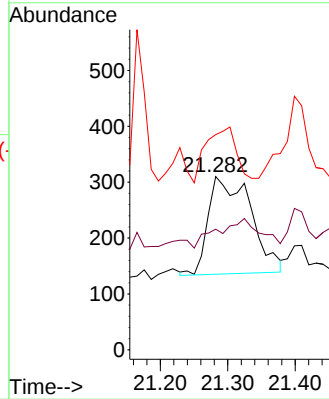
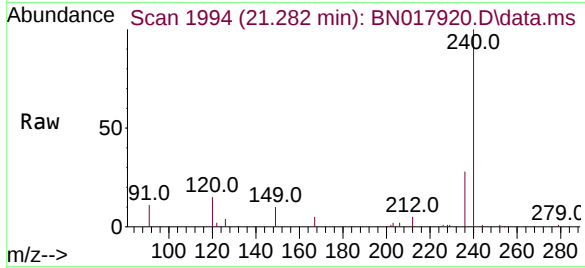




#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.282 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

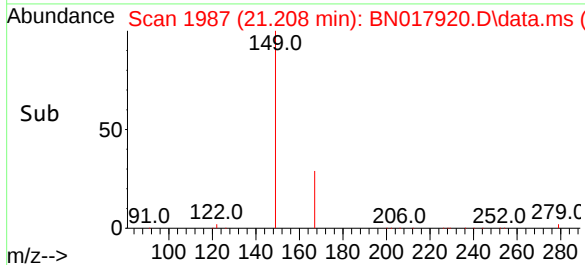
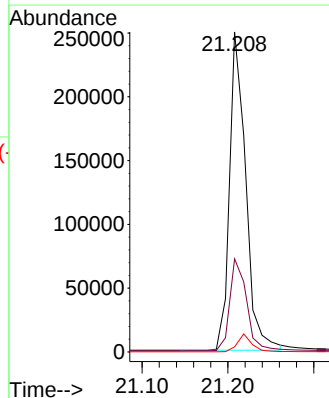
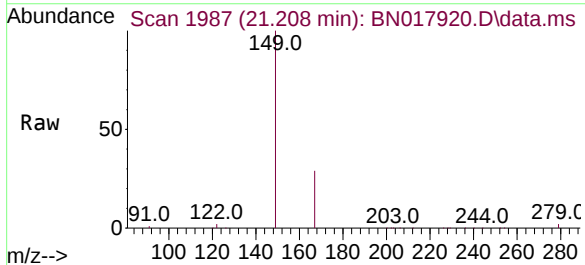
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206

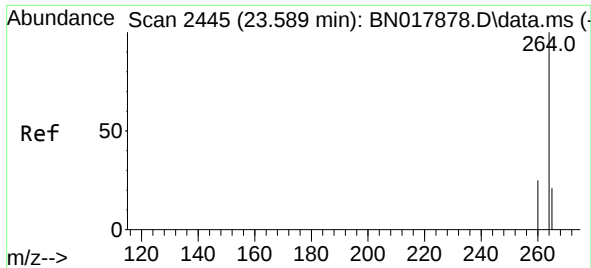
Tgt Ion:228 Resp: 764
Ion Ratio Lower Upper
228 100
226 69.7 21.0 31.4#
229 124.2 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 3.336 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

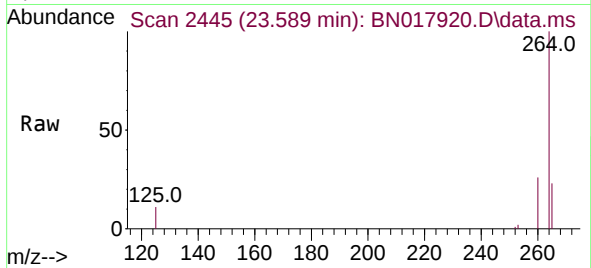
Tgt Ion:149 Resp: 327018
Ion Ratio Lower Upper
149 100
167 30.0 23.4 35.0
279 5.0 3.6 5.4



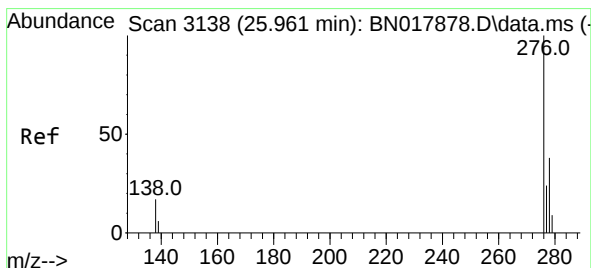
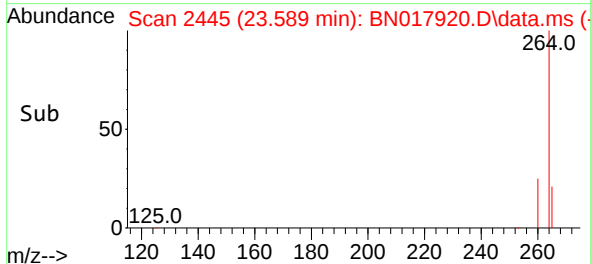
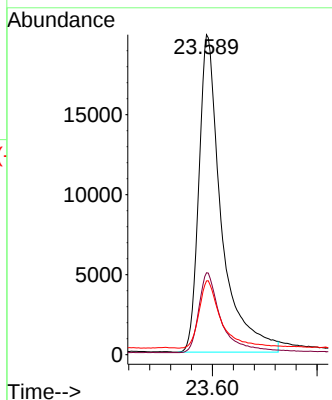


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. -0.000 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20211206

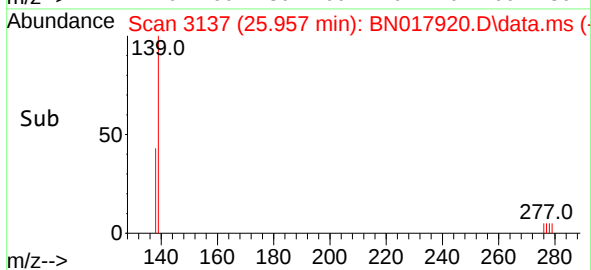
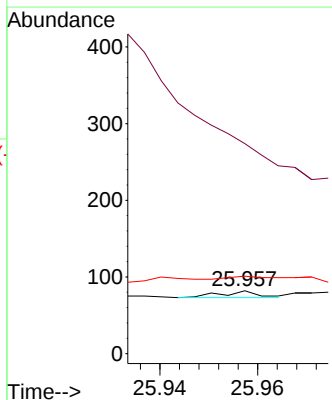
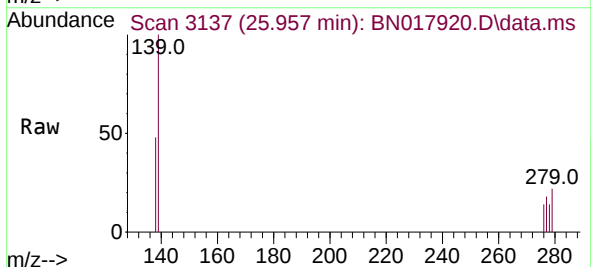


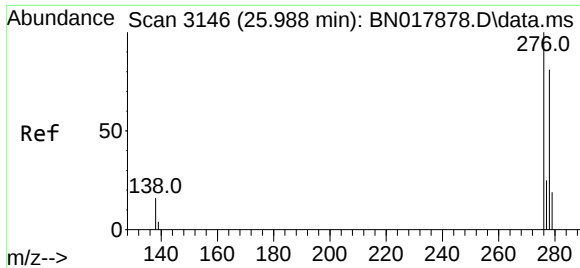
Tgt Ion:264 Resp: 59406
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 23.1 18.2 27.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.957 min Scan# 3137
 Delta R.T. -0.004 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

Tgt Ion:276 Resp: 5
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 220.0 19.8 29.6#





#40

Dibenzo(a,h)anthracene

Concen: 0.101 ng

RT: 25.992 min Scan# 31

Delta R.T. 0.004 min

Lab File: BN017920.D

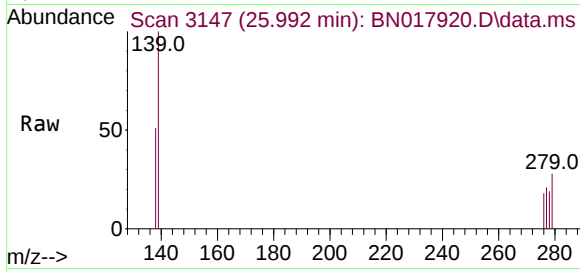
Acq: 12 Dec 2021 01:04

Instrument :

BNA_N

ClientSampleId :

RE114D1-20211206



Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 535.4 12.0 18.0#

279 150.0 20.8 31.2#

