

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015272.D
 Acq On : 01 Jul 2021 22:20
 Operator : CG/JU
 Sample : M2838-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210622

Quant Time: Jul 02 01:00:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

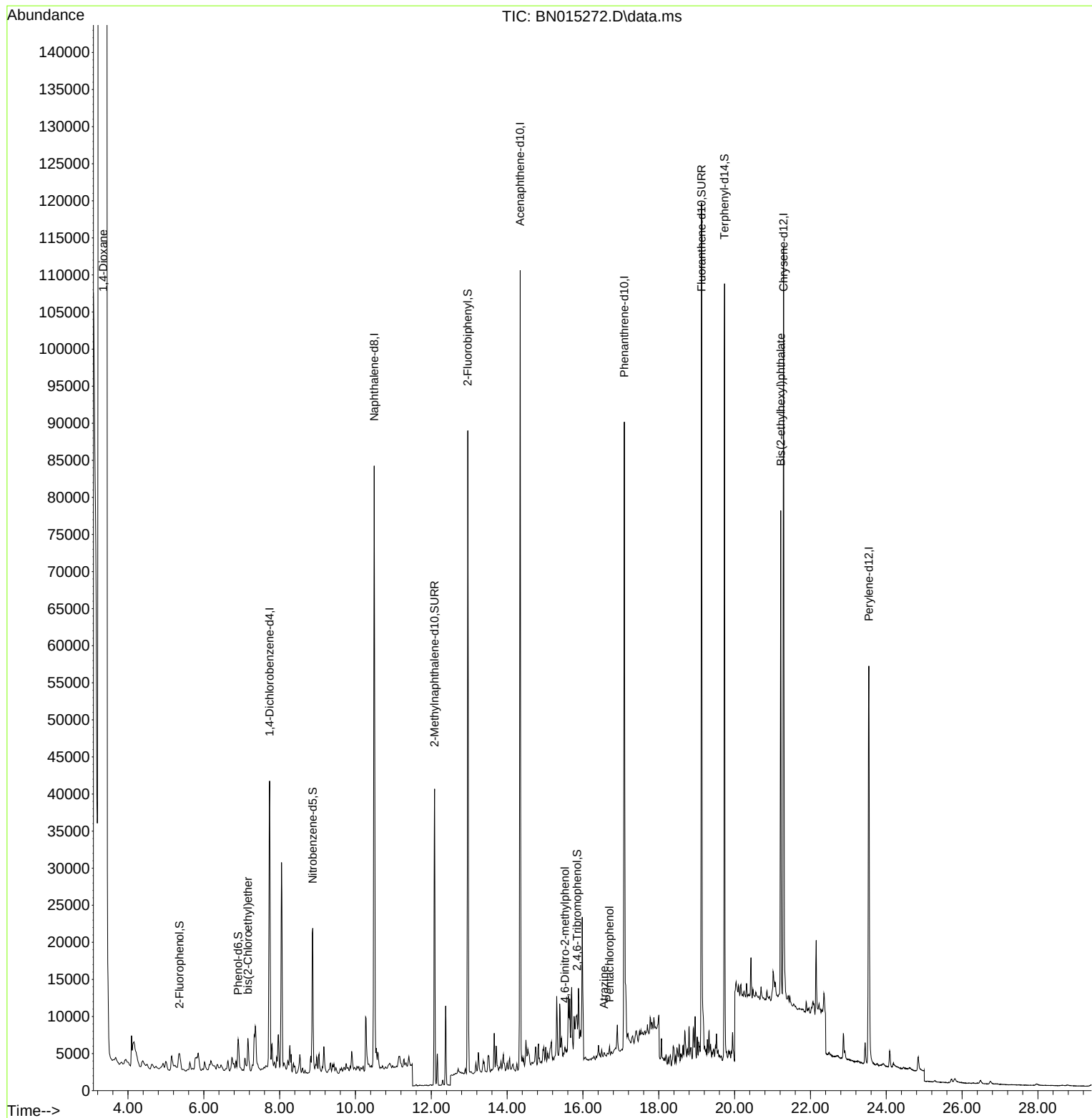
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	23411	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	107190	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	60581	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	119749	0.40	ng	0.00
29) Chrysene-d12	21.291	240	94976	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	76056	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	3344	0.06	ng	0.00
5) Phenol-d6	6.905	99	4058	0.05	ng	0.00
8) Nitrobenzene-d5	8.873	82	18636	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	53181	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	2552	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	74212	0.30	ng	0.00
27) Fluoranthene-d10	19.128	212	130108	0.37	ng	0.00
31) Terphenyl-d14	19.733	244	103825	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	21550	1.96	ng	# 64
6) bis(2-Chloroethyl)ether	7.163	93	3994	0.05	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.525	198	20	0.20	ng	# 1
23) Atrazine	16.555	200	215	0.18	ng	# 1
24) Pentachlorophenol	16.701	266	109	0.25	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.217	149	59980	0.65	ng	# 87

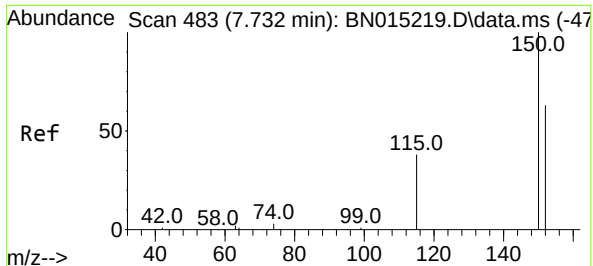
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jul 02 01:00:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

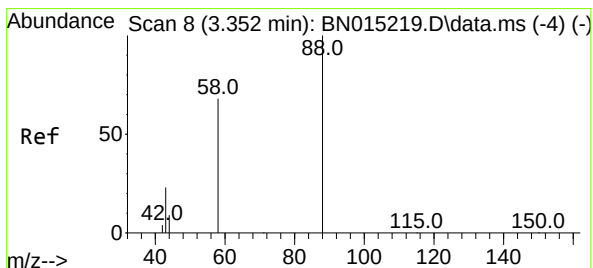
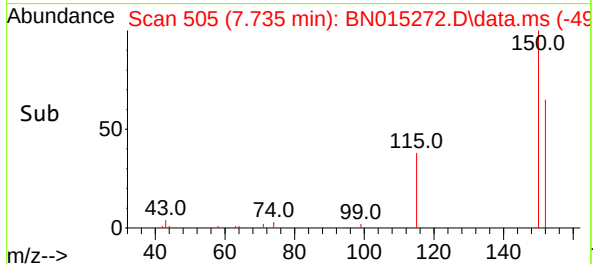
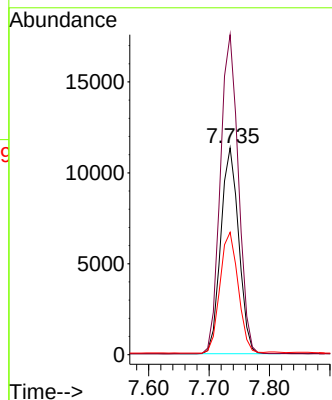
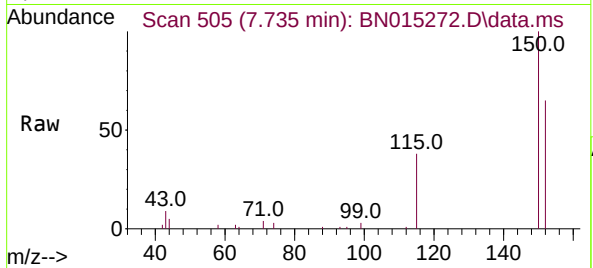




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015272.D
 Acq: 01 Jul 2021 22:20

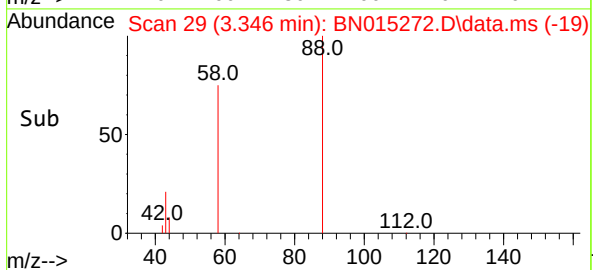
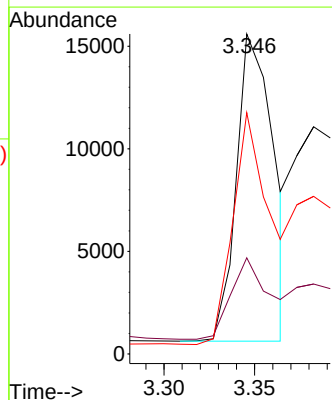
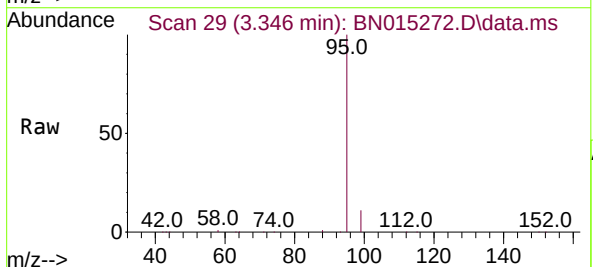
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210622

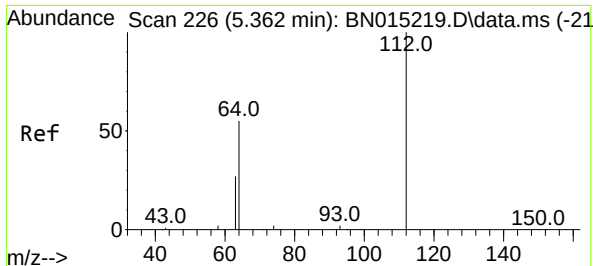
Tgt Ion:152 Resp: 23411
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.0 178.6
 115 59.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 1.96 ng
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015272.D
 Acq: 01 Jul 2021 22:20

Tgt Ion: 88 Resp: 21550
 Ion Ratio Lower Upper
 88 100
 43 27.1 12.9 19.3#
 58 73.8 38.1 57.1#

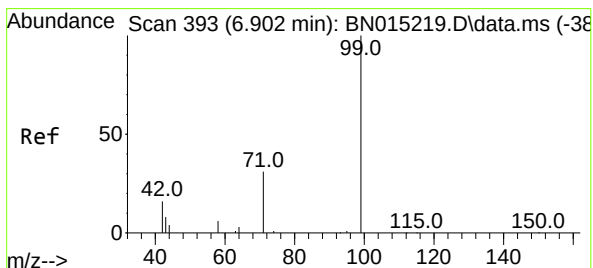
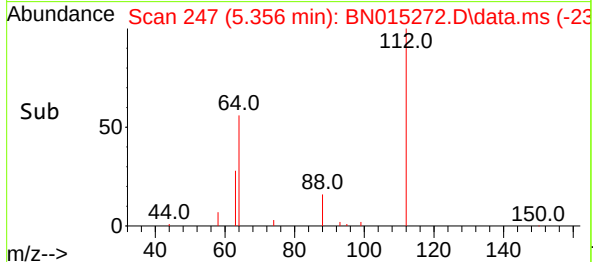
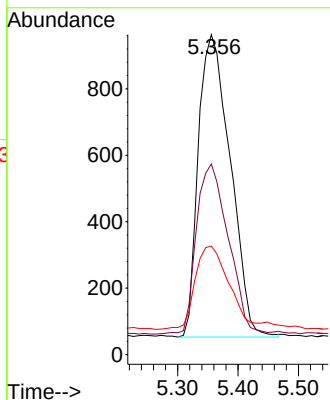
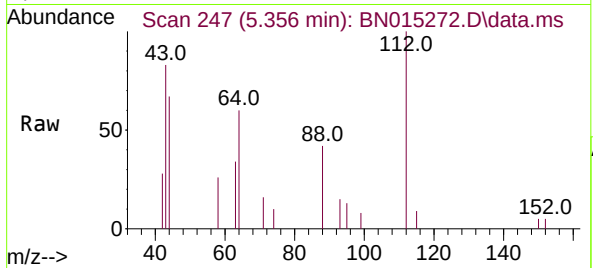




#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

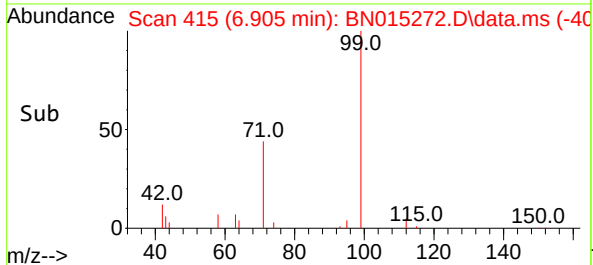
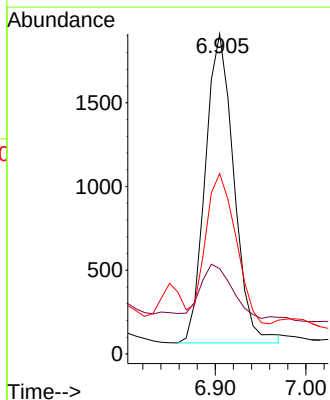
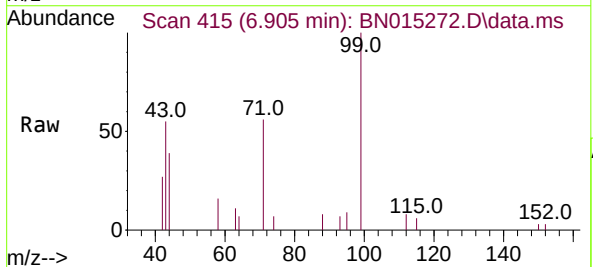
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622

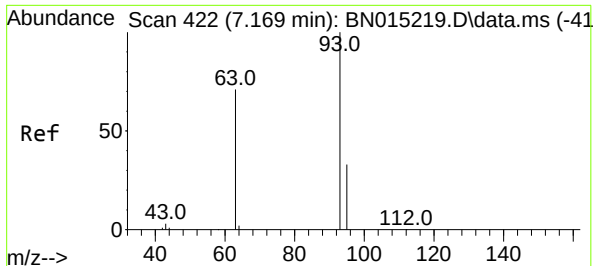
Tgt Ion:112	Resp:	3344
Ion	Ratio	Lower Upper
112	100	
64	55.2	39.0 58.6
63	29.2	20.6 30.8



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion: 99	Resp:	4058
Ion	Ratio	Lower Upper
99	100	
42	18.5	8.9 13.3#
71	51.5	35.6 53.4

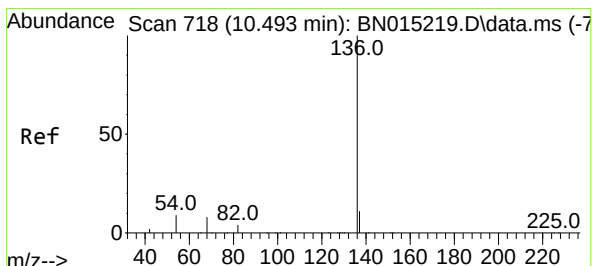
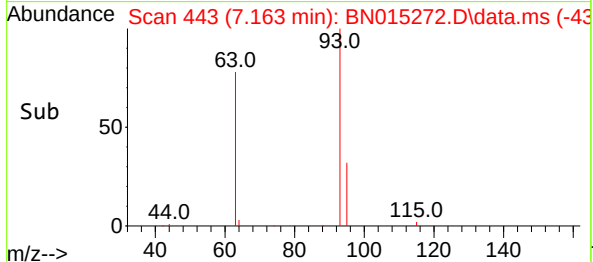
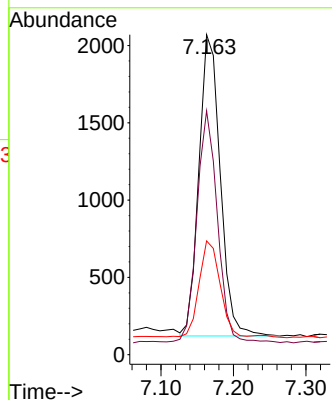
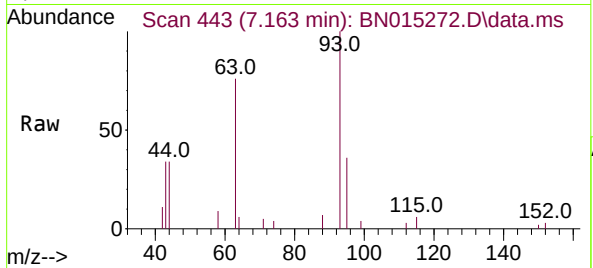




#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

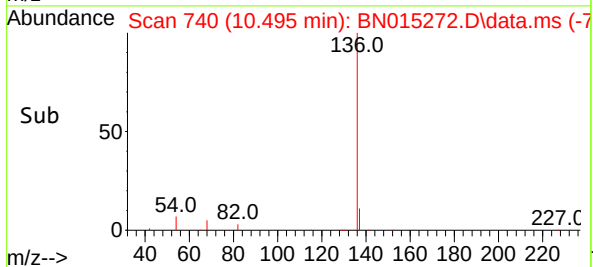
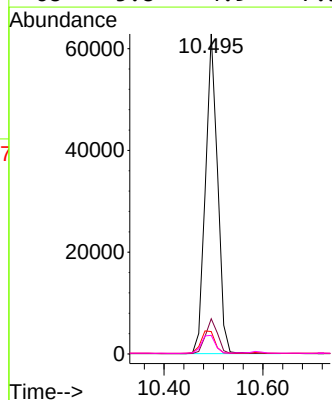
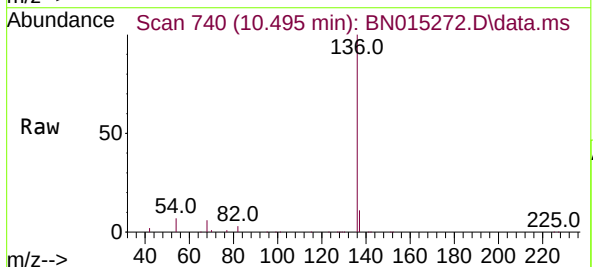
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622

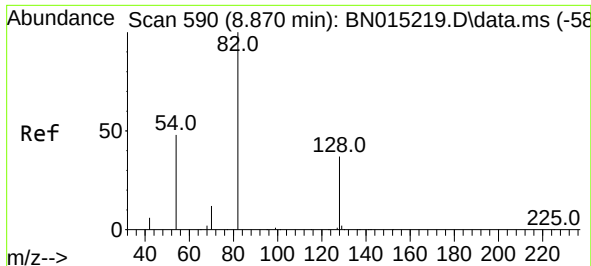
Tgt Ion: 93 Resp: 3994
Ion Ratio Lower Upper
93 100
63 74.5 46.6 70.0#
95 31.3 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion: 136 Resp: 107190
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.0 5.4 8.2
68 5.8 4.9 7.3

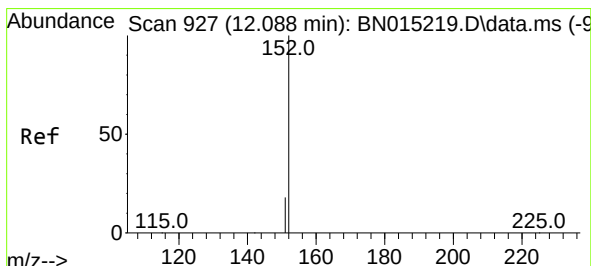
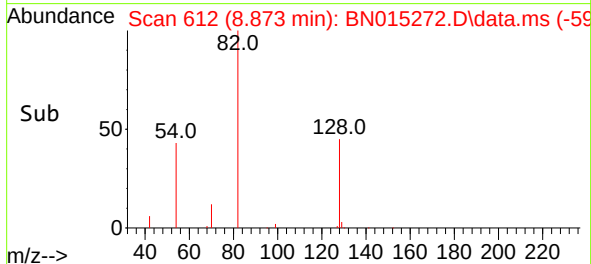
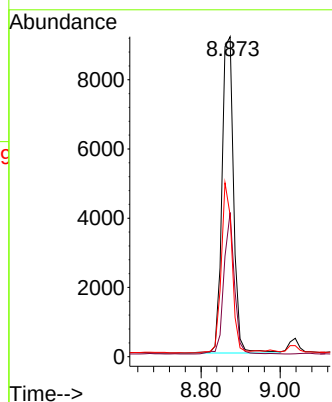
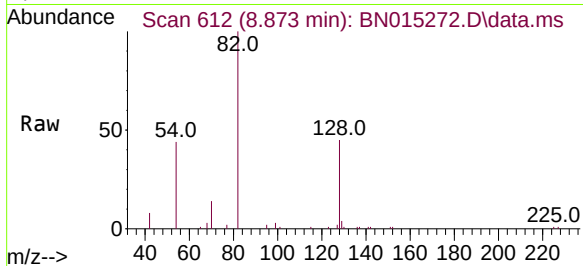




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

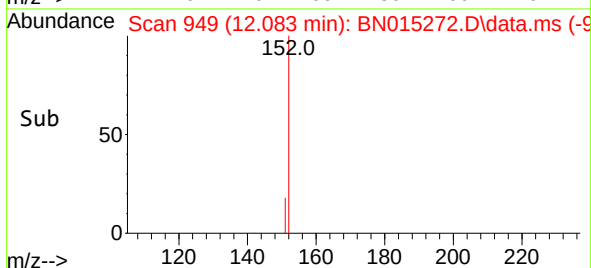
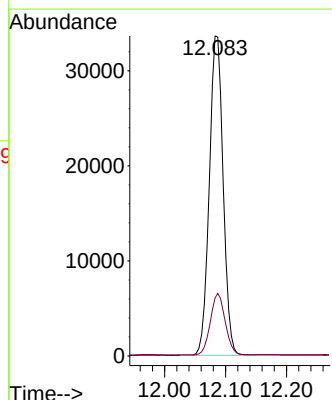
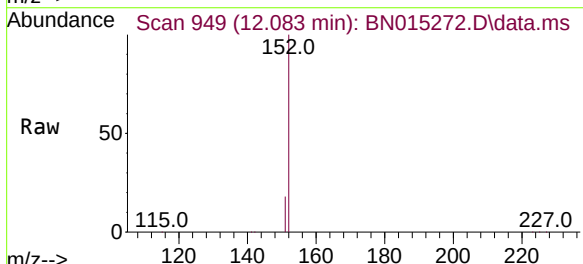
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BNA_N
ClientSampleId :
RE108D2-20210622

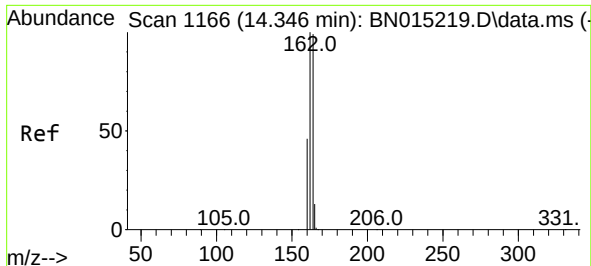
Tgt Ion: 82 Resp: 18636
Ion Ratio Lower Upper
82 100
128 45.0 31.6 47.4
54 44.3 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion: 152 Resp: 53181
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

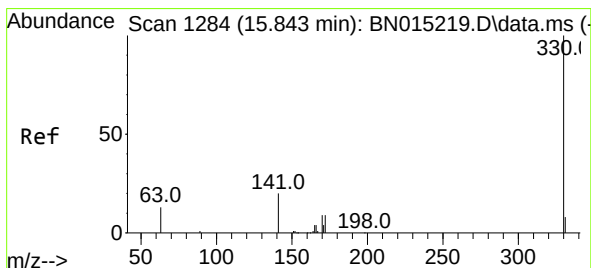
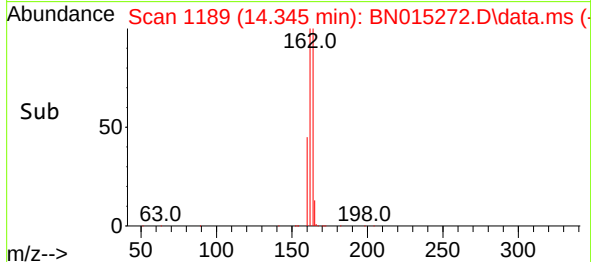
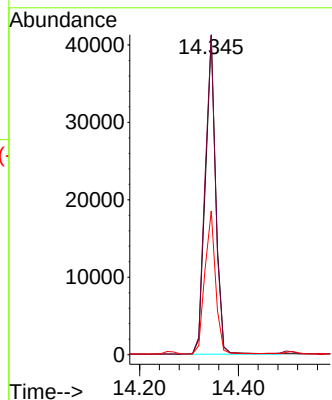
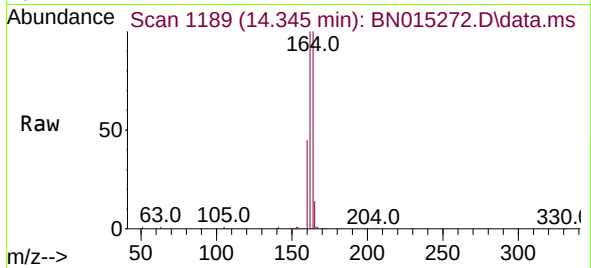




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

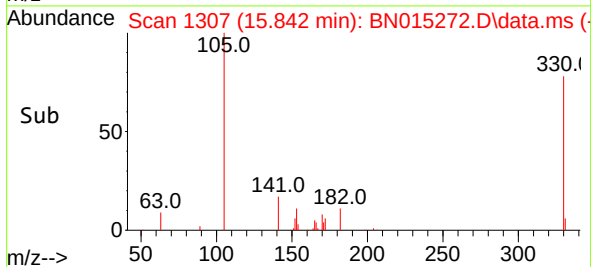
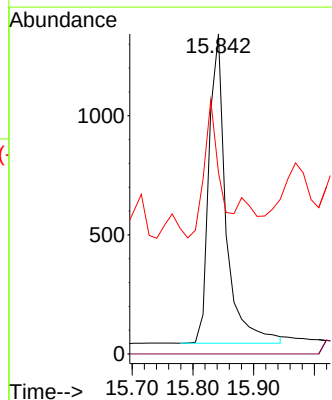
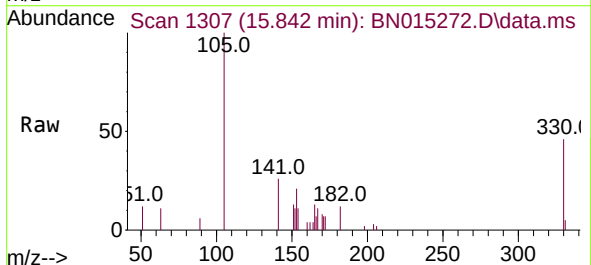
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ClientSampleId :
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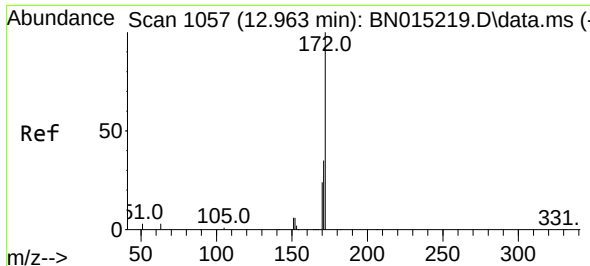
Tgt Ion:164 Resp: 60581
Ion Ratio Lower Upper
164 100
162 100.4 83.8 125.6
160 45.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:330 Resp: 2552
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 22.4 33.6#

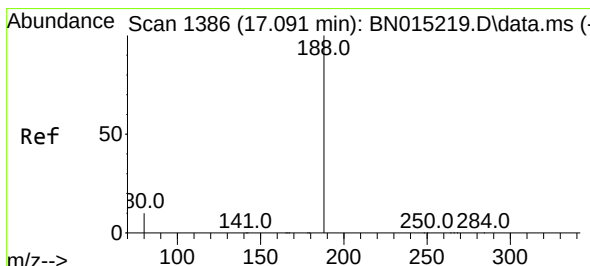
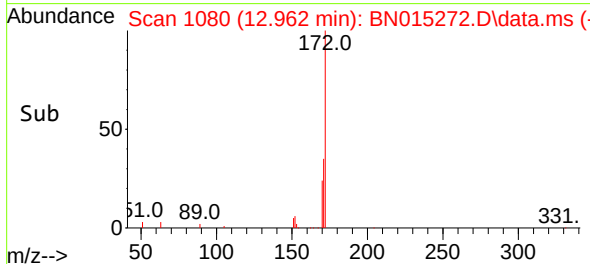
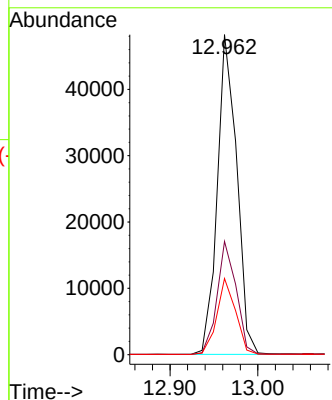
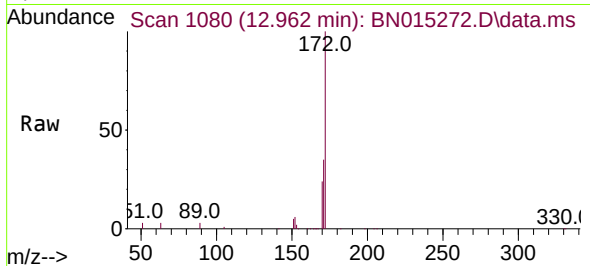




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

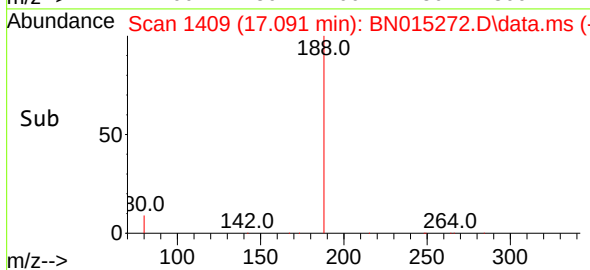
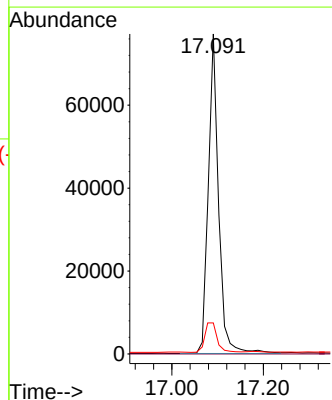
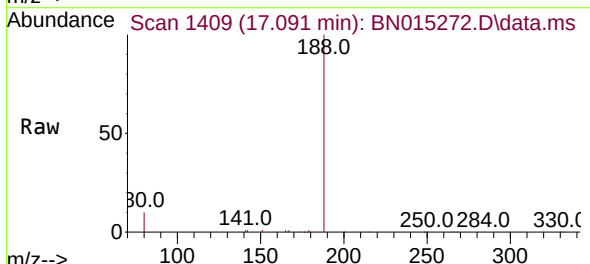
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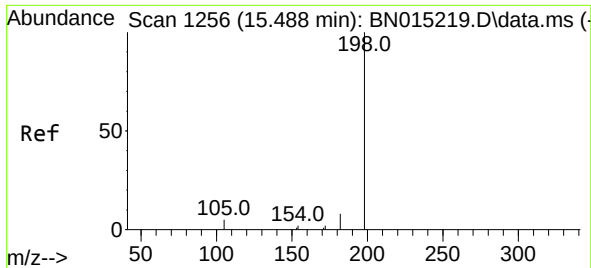
Tgt Ion:172 Resp: 74212
Ion Ratio Lower Upper
172 100
171 35.4 30.6 45.8
170 23.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:188 Resp: 119749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.0 13.4

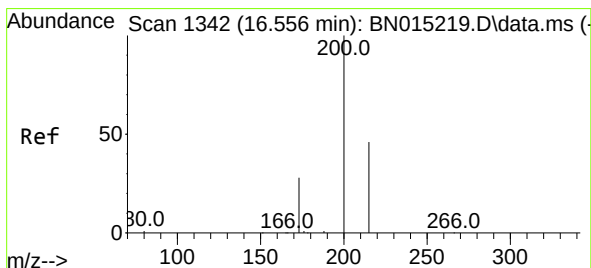
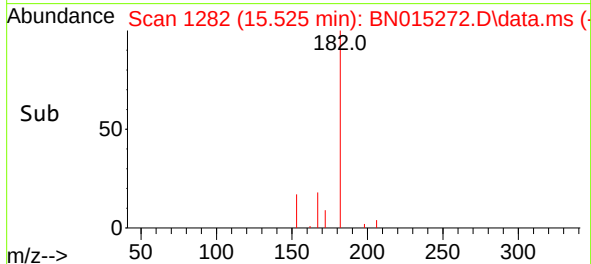
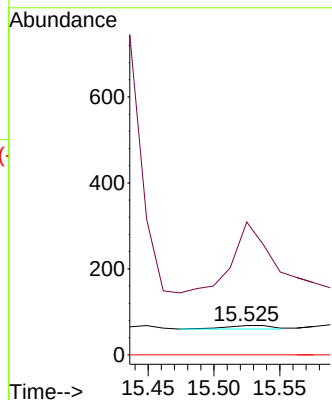
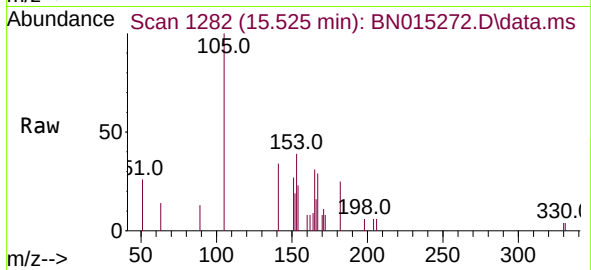




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.525 min Scan# 1282
Delta R.T. 0.037 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

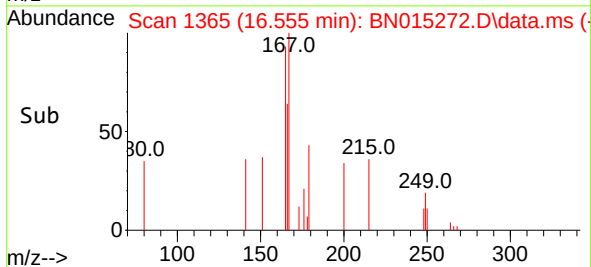
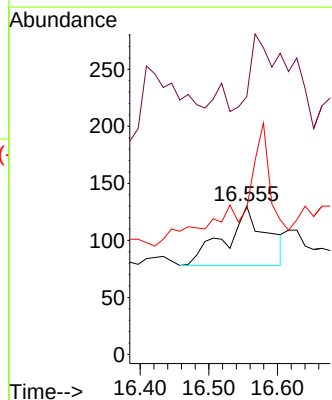
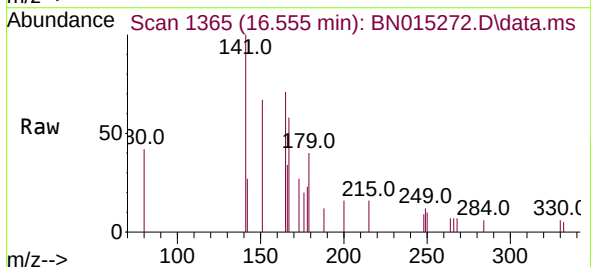
Instrument :
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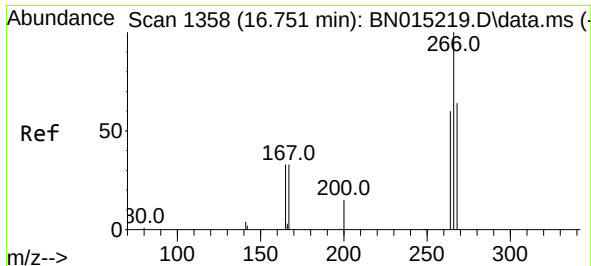
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
182 454.4 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.18 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:200 Resp: 215
Ion Ratio Lower Upper
200 100
173 173.8 21.7 32.5#
215 98.5 43.1 64.7#

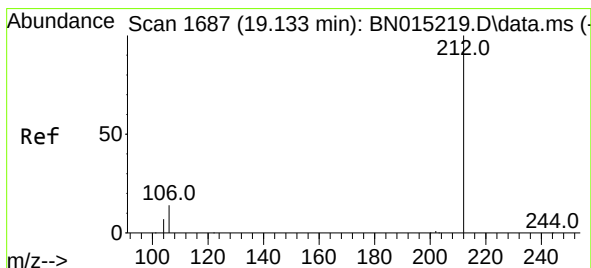
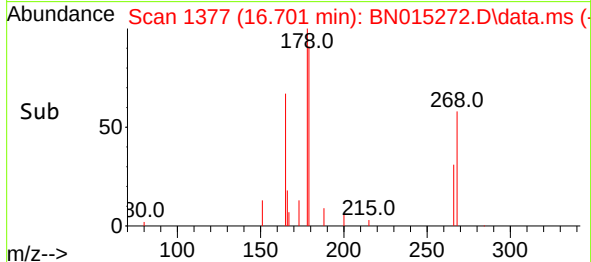
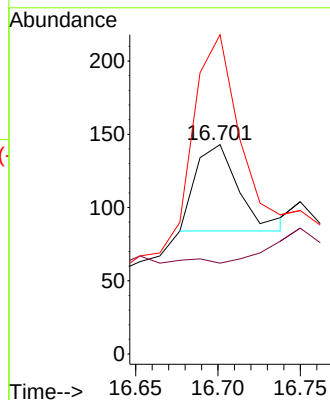
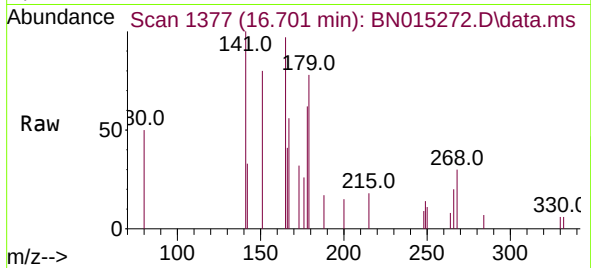




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.050 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

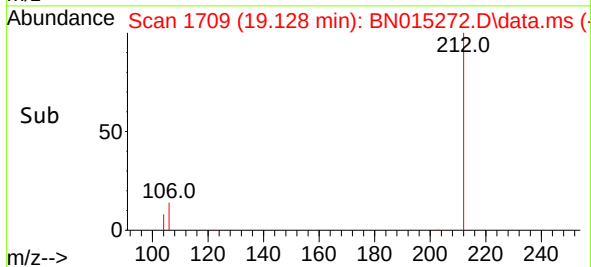
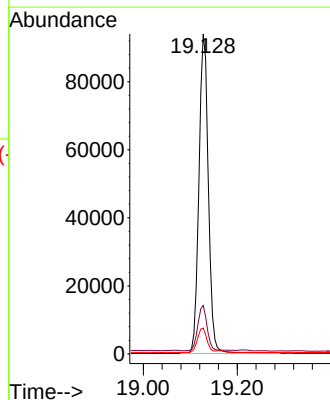
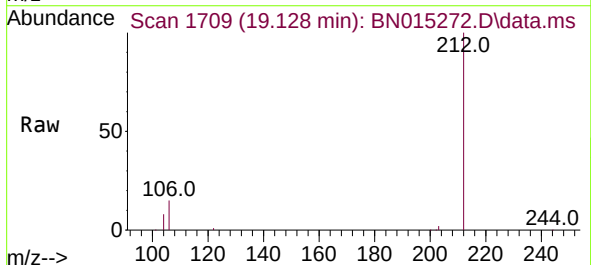
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622

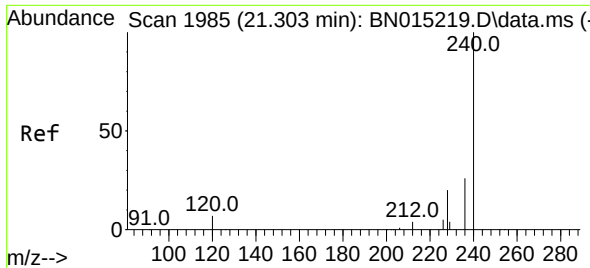
Tgt Ion:266	Resp:	109
Ion Ratio	Lower	Upper
266	100	
264	0.0	51.0 76.4#
268	380.7	50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:212	Resp:	130108
Ion Ratio	Lower	Upper
212	100	
106	14.0	7.0 10.6#
104	7.6	4.1 6.1#

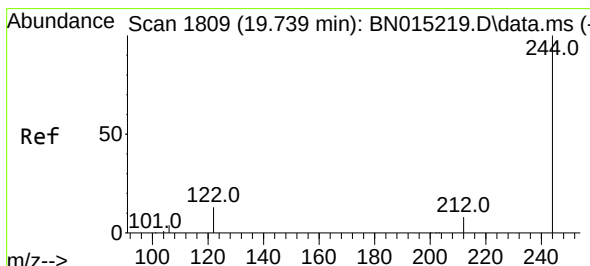
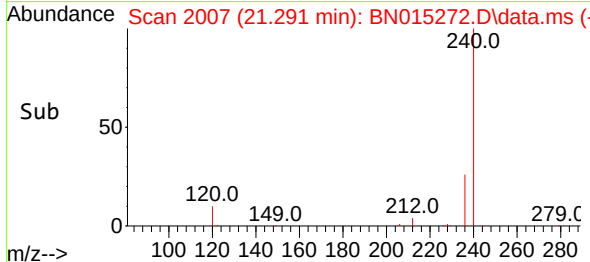
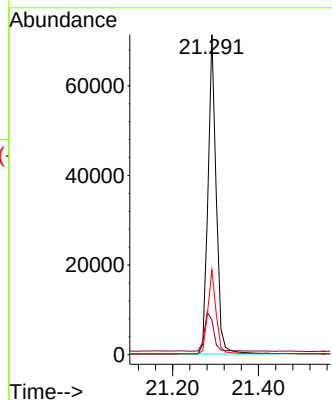
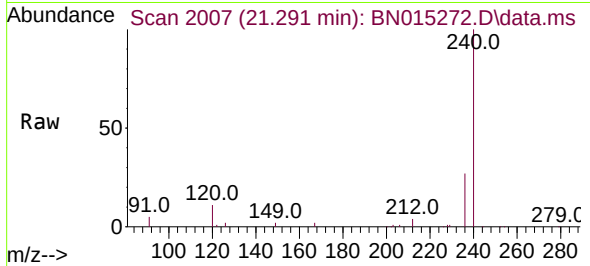




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

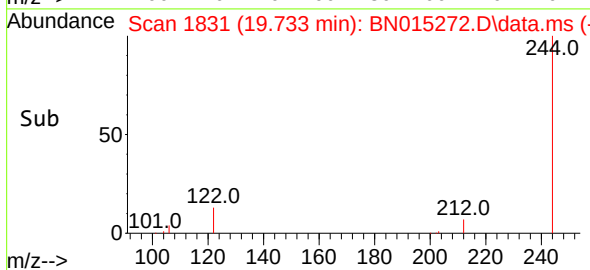
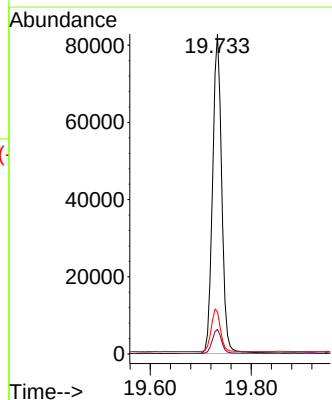
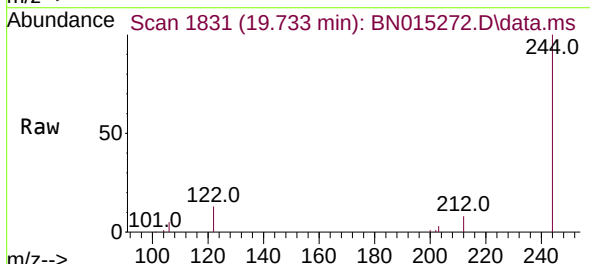
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622

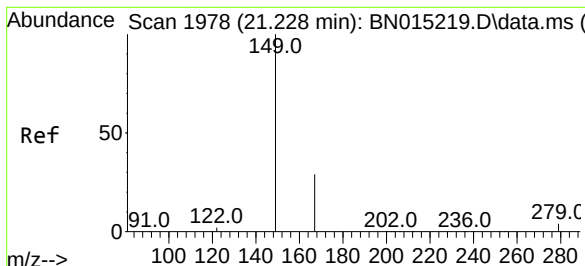
Tgt Ion:240 Resp: 94976
Ion Ratio Lower Upper
240 100
120 10.9 4.2 6.4#
236 26.5 21.4 32.2



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:244 Resp: 103825
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.2 6.2 9.2#

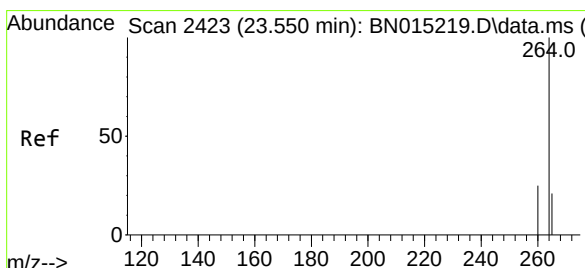
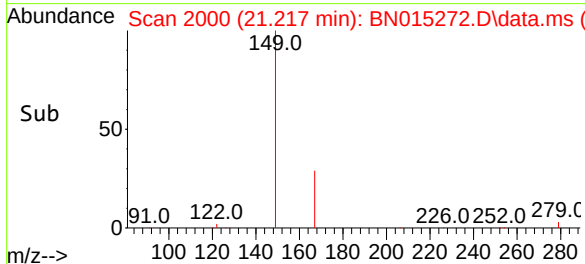
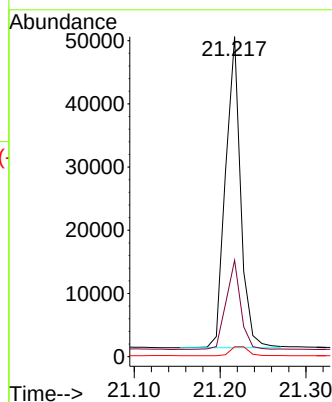
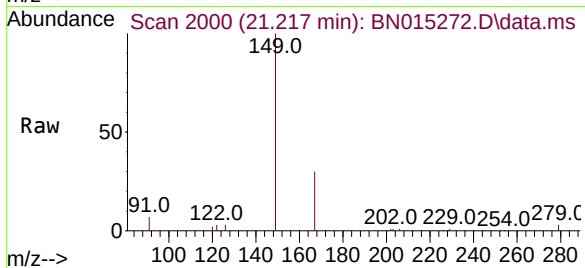




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.65 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015272.D
 Acq: 01 Jul 2021 22:20

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210622

Tgt Ion:149 Resp: 59980
 Ion Ratio Lower Upper
 149 100
 167 28.0 28.9 43.3#
 279 3.5 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. -0.011 min
 Lab File: BN015272.D
 Acq: 01 Jul 2021 22:20

Tgt Ion:264 Resp: 76056
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 22.8 21.4 32.2

