

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015255.D
 Acq On : 01 Jul 2021 12:04
 Operator : CG/JU
 Sample : M2803-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20210621

Quant Time: Jul 01 12:54:31 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)

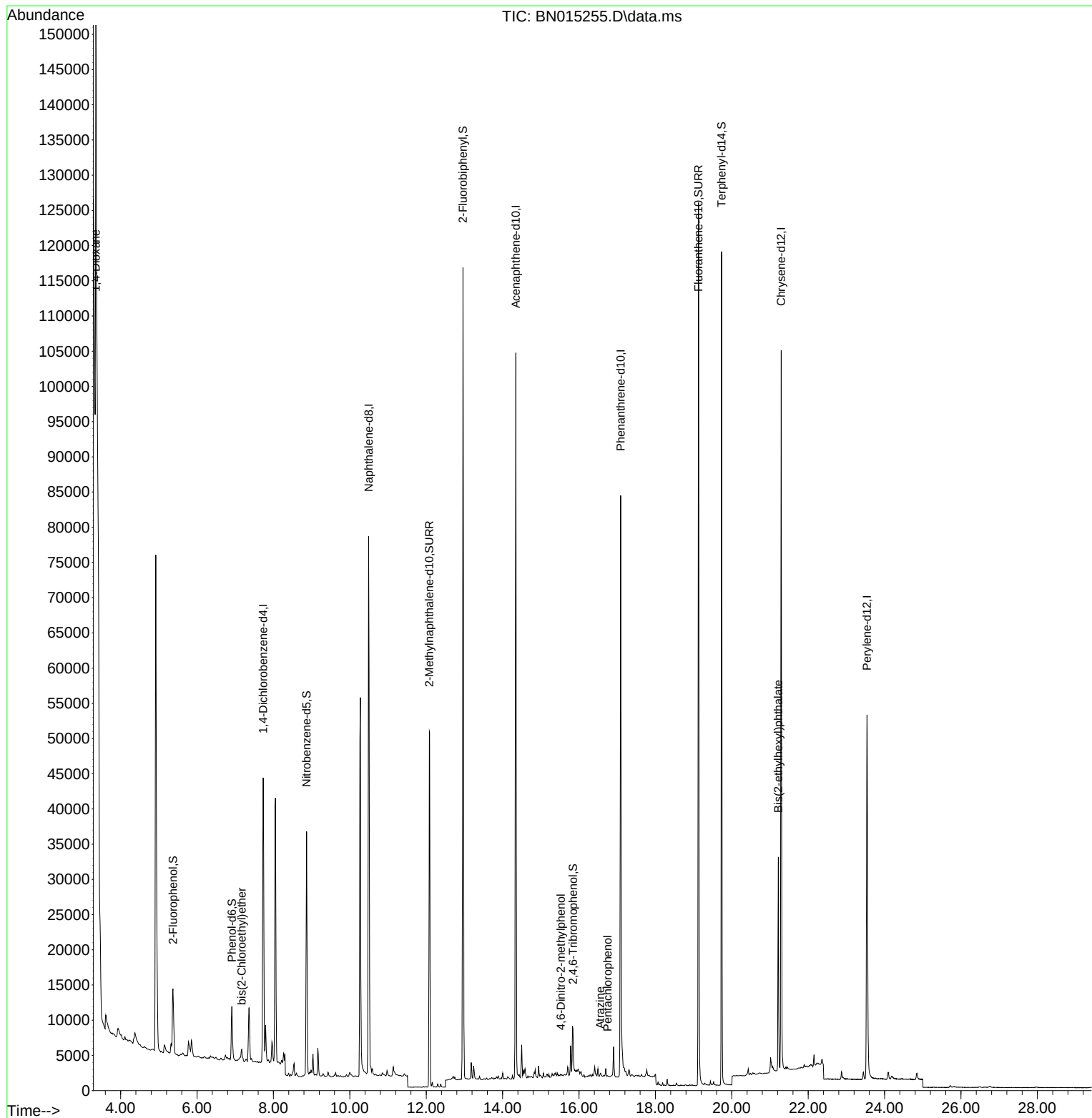
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	22759	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	104980	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	56985	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	113965	0.400	ng	0.00
29) Chrysene-d12	21.292	240	91645	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	74028	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	11056	0.191	ng	0.00
5) Phenol-d6	6.911	99	7516	0.103	ng	0.00
8) Nitrobenzene-d5	8.870	82	28981	0.493	ng	0.00
11) 2-Methylnaphthalene-d10	12.084	152	68917	0.396	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6738	0.494	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	98376	0.425	ng	0.00
27) Fluoranthene-d10	19.128	212	139302	0.414	ng	0.00
31) Terphenyl-d14	19.734	244	113324	0.529	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	110547	10.360	ng	# 71
6) bis(2-Chloroethyl)ether	7.169	93	1568	0.022	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.526	198	13	0.197	ng	# 1
23) Atrazine	16.556	200	75	0.174	ng	# 22
24) Pentachlorophenol	16.751	266	32	0.245	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.218	149	27615	0.395	ng	# 87

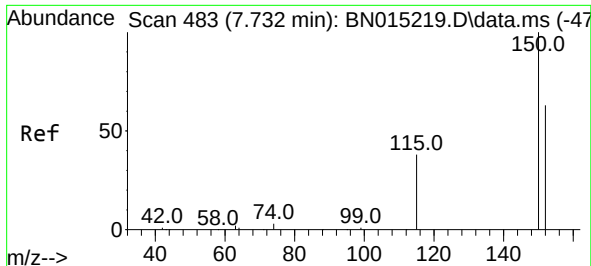
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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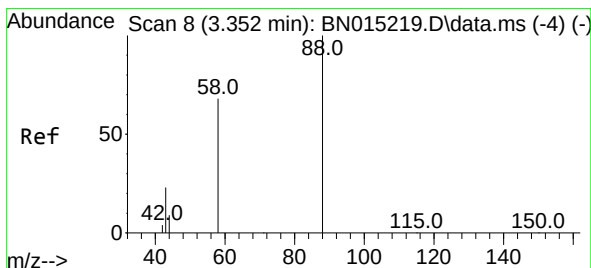
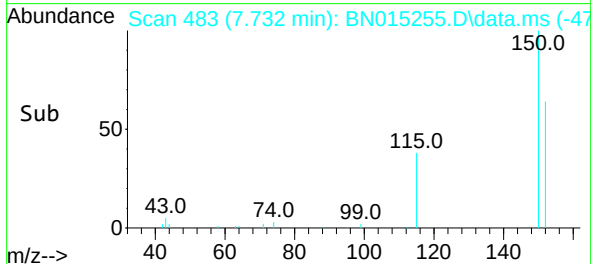
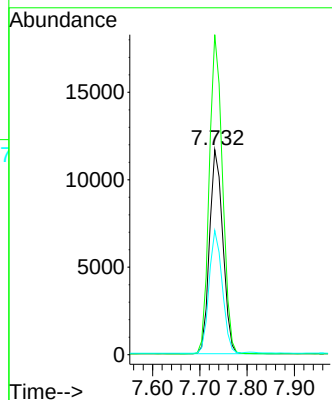
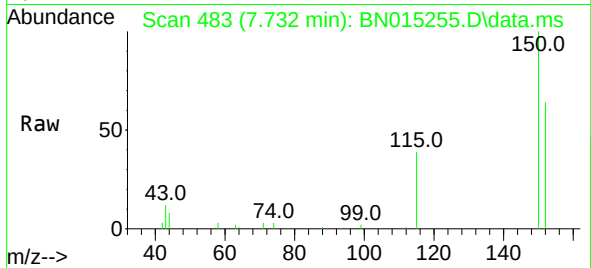




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015255.D
 Acq: 01 Jul 2021 12:04

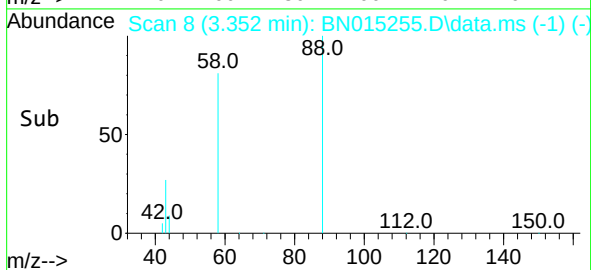
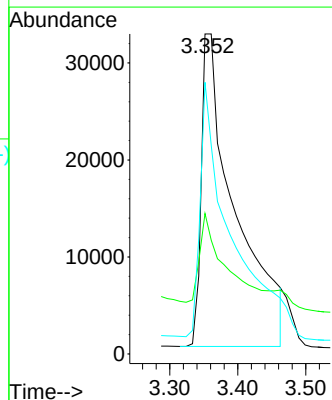
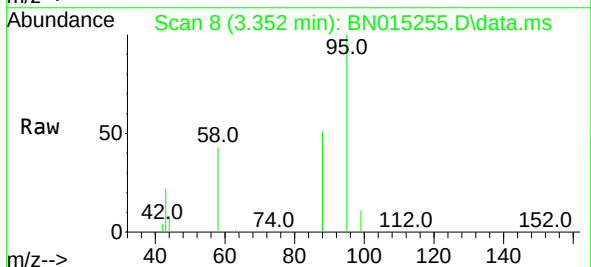
Instrument :
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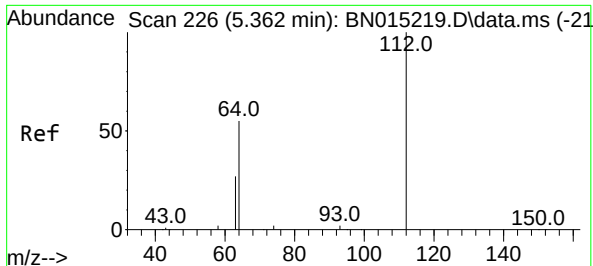
Tgt Ion:152 Resp: 22759
 Ion Ratio Lower Upper
 152 100
 150 156.1 119.0 178.6
 115 60.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 10.360 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015255.D
 Acq: 01 Jul 2021 12:04

Tgt Ion: 88 Resp: 110547
 Ion Ratio Lower Upper
 88 100
 43 21.7 12.9 19.3#
 58 71.0 38.1 57.1#

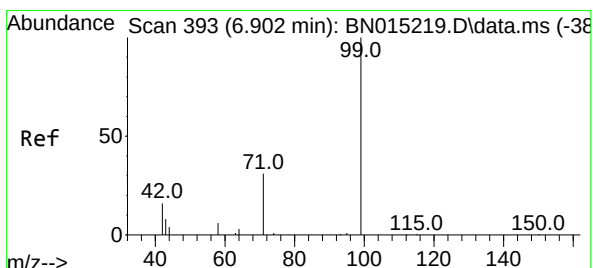
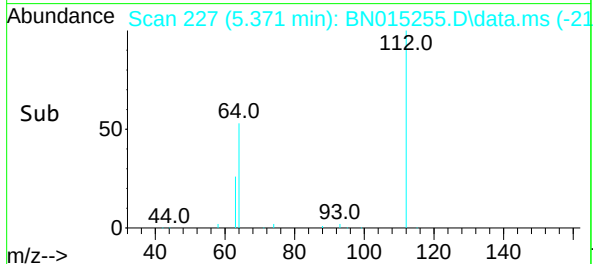
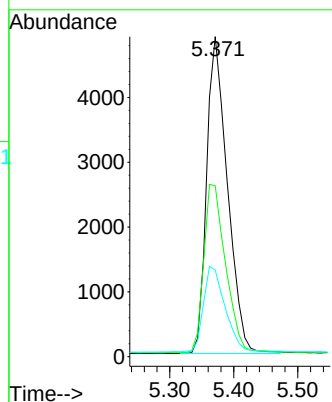
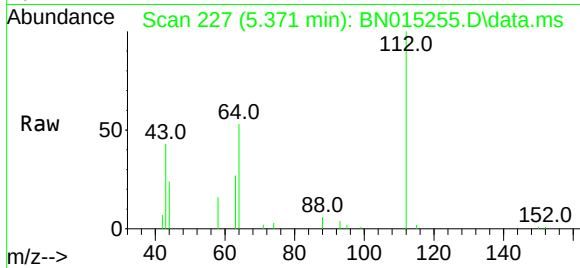




#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.009 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

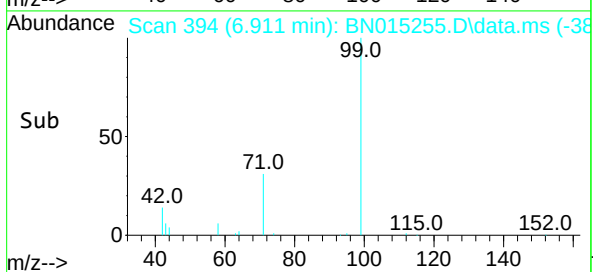
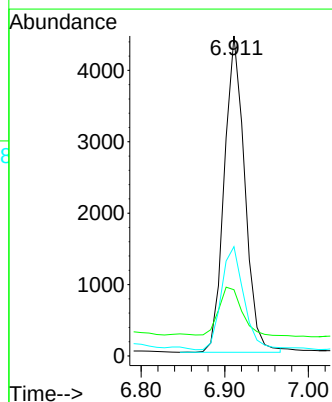
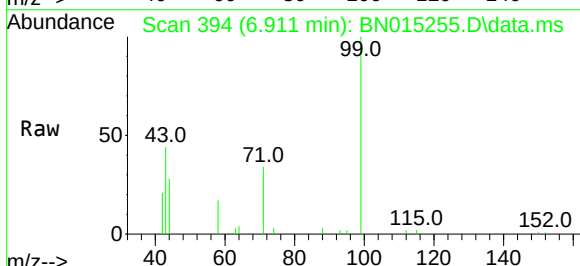
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BNA_N
ClientSampleId :
RE105D1-20210621

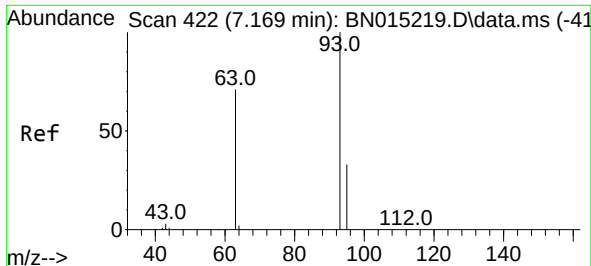
Tgt Ion: 112 Resp: 11056
Ion Ratio Lower Upper
112 100
64 55.7 39.0 58.6
63 28.5 20.6 30.8



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion: 99 Resp: 7516
Ion Ratio Lower Upper
99 100
42 17.0 8.9 13.3#
71 35.7 35.6 53.4

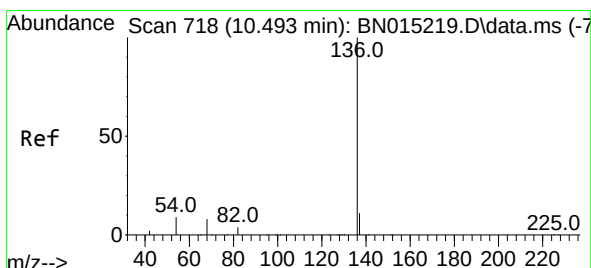
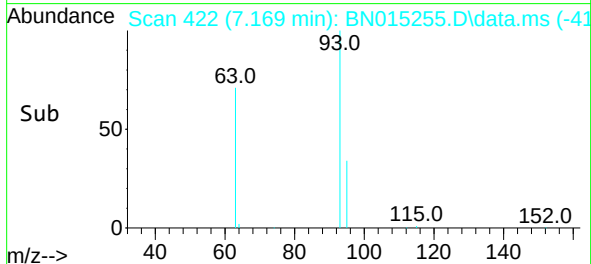
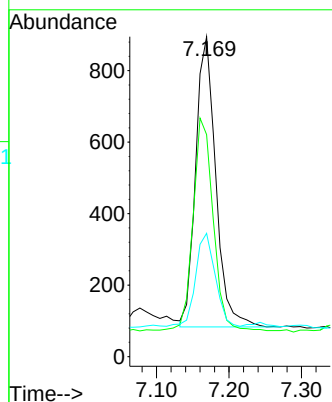
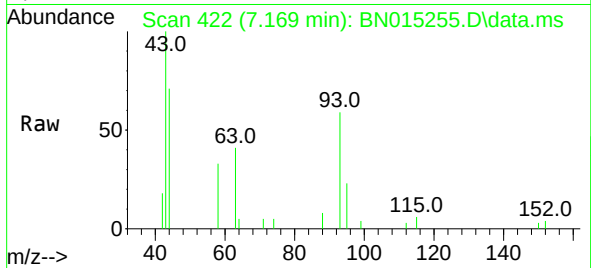




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.169 min Scan# 422
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

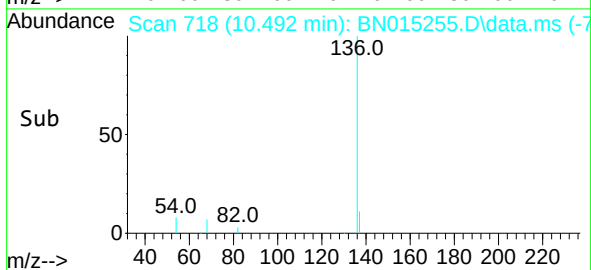
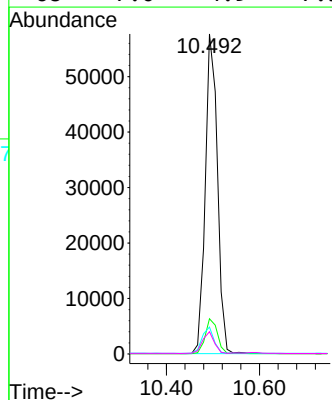
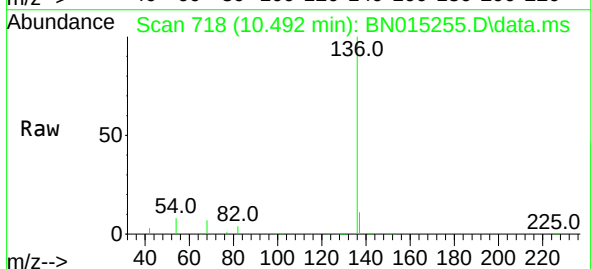
Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

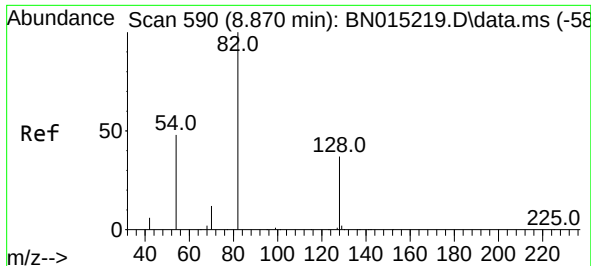
Tgt Ion: 93 Resp: 1568
Ion Ratio Lower Upper
93 100
63 75.6 46.6 70.0#
95 31.4 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion: 136 Resp: 104980
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 8.4 5.4 8.2#
68 7.0 4.9 7.3

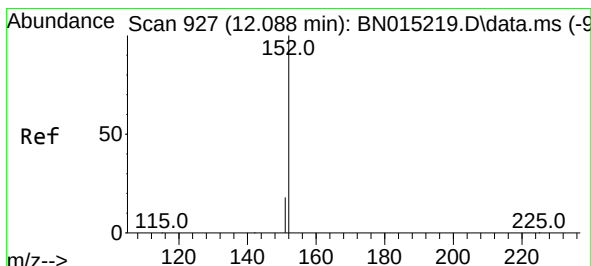
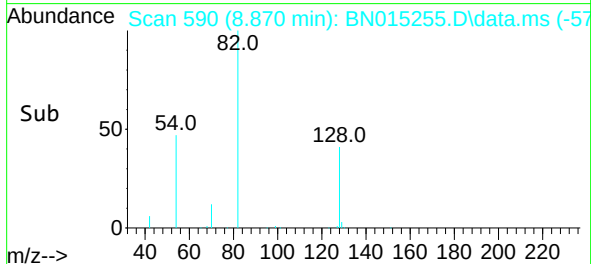
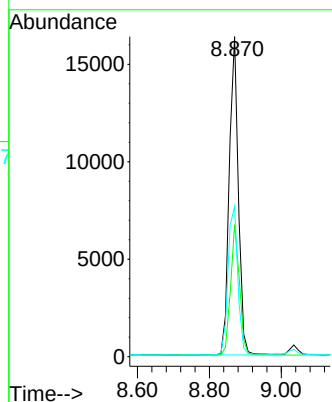
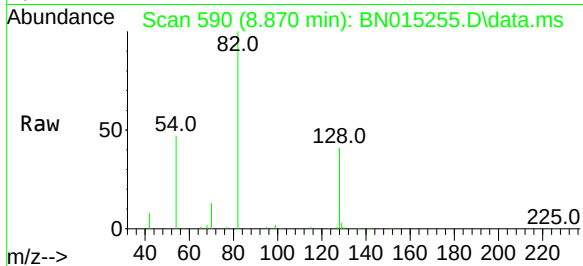




#8
Nitrobenzene-d5
Concen: 0.493 ng
RT: 8.870 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

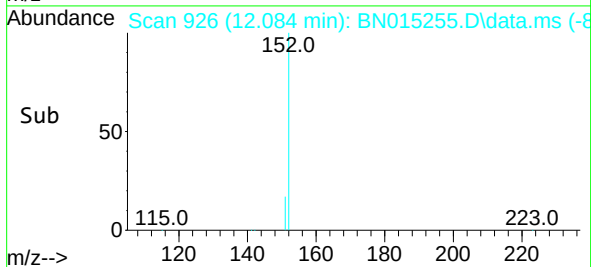
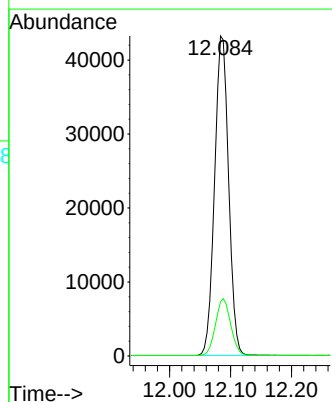
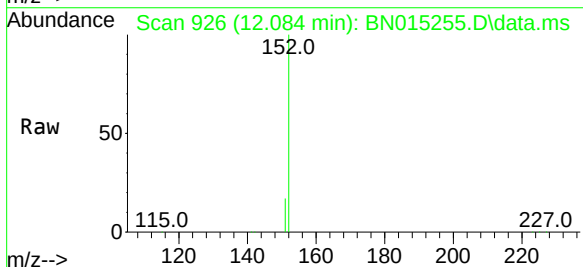
Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

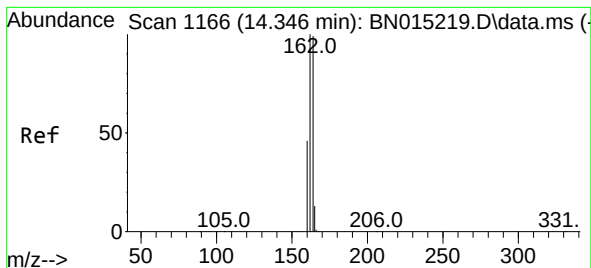
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.6	47.4
54	47.0	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.084 min Scan# 926
Delta R.T. -0.005 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.7	25.1

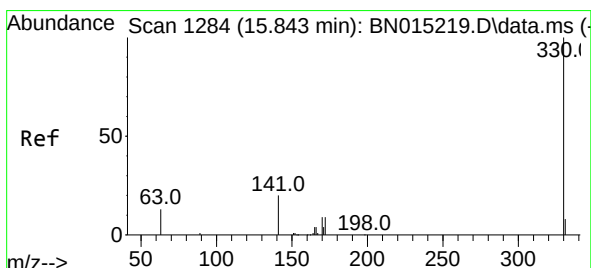
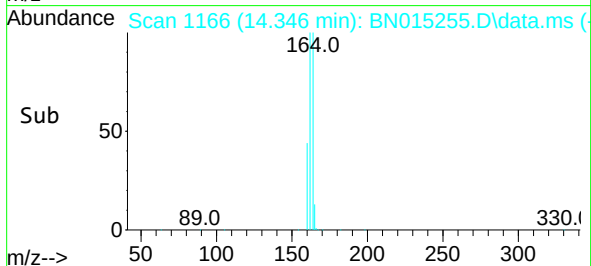
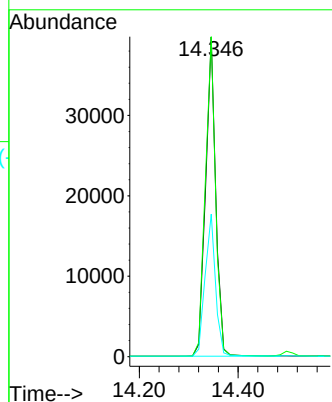
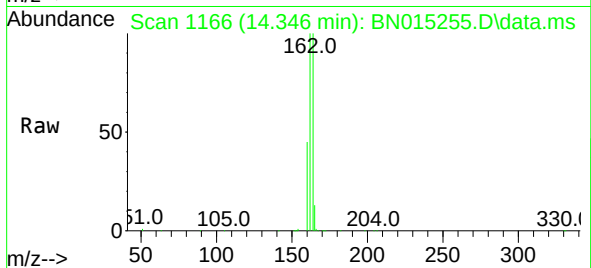




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

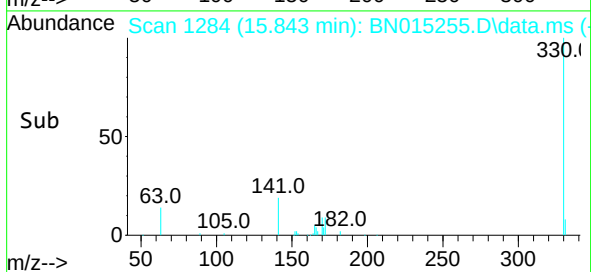
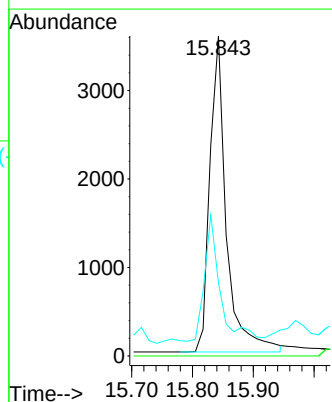
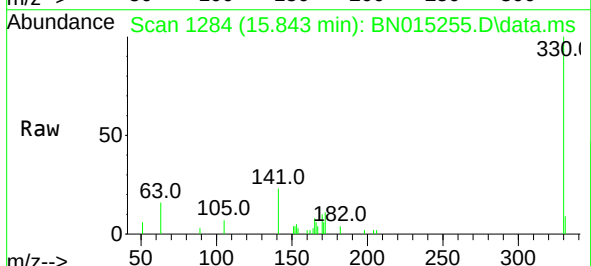
Instrument :
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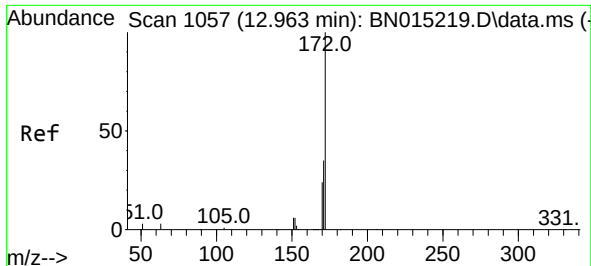
Tgt Ion:164 Resp: 56985
Ion Ratio Lower Upper
164 100
162 100.1 83.8 125.6
160 44.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.494 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:330 Resp: 6738
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.9 22.4 33.6#

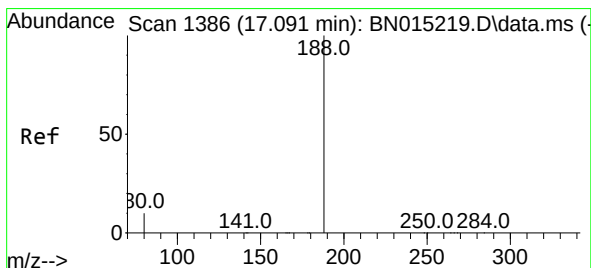
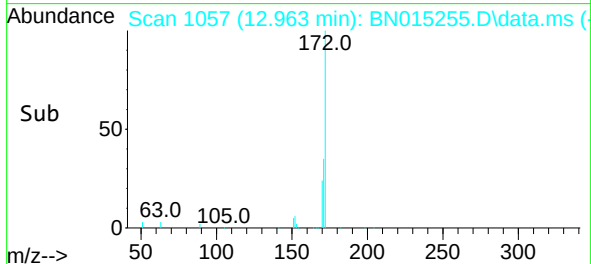
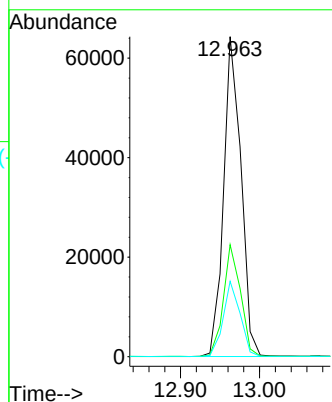
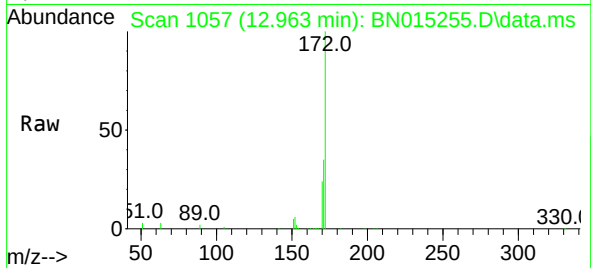




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

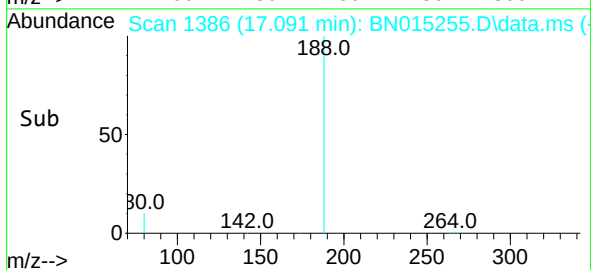
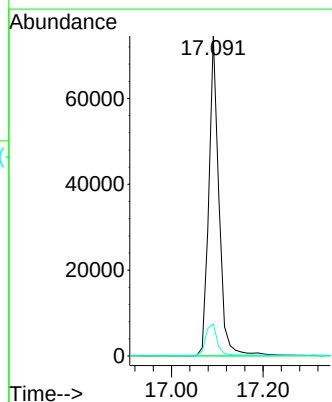
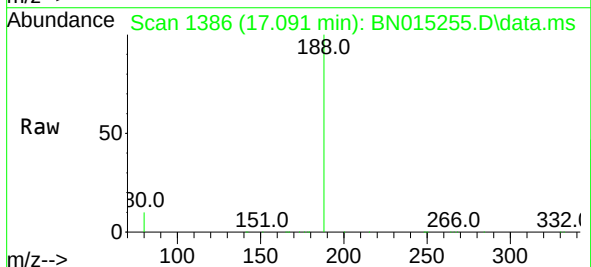
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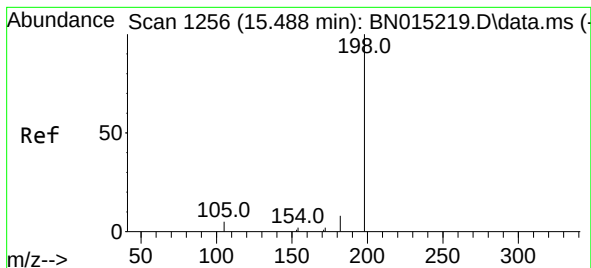
Tgt Ion:172 Resp: 98376
Ion Ratio Lower Upper
172 100
171 35.0 30.6 45.8
170 23.6 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:188 Resp: 113965
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 9.0 13.4

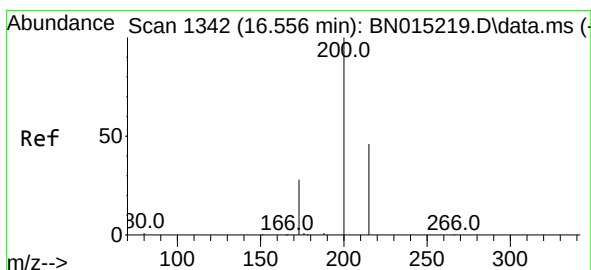
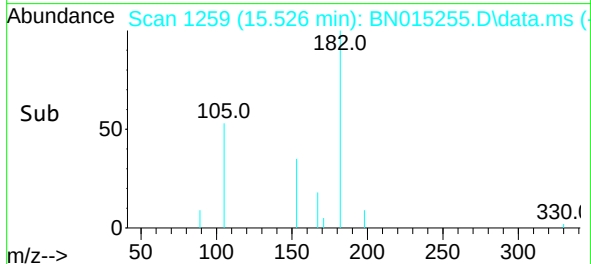
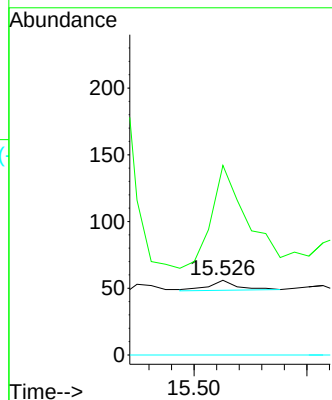
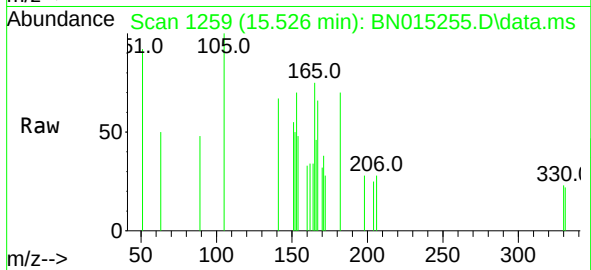




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.526 min Scan# 1259
Delta R.T. 0.038 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

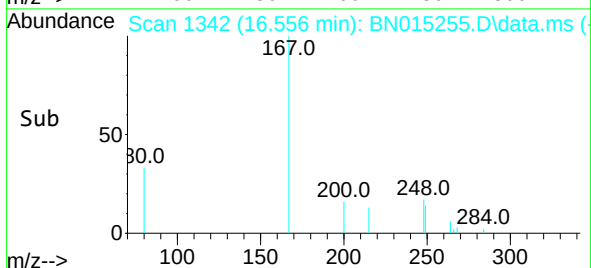
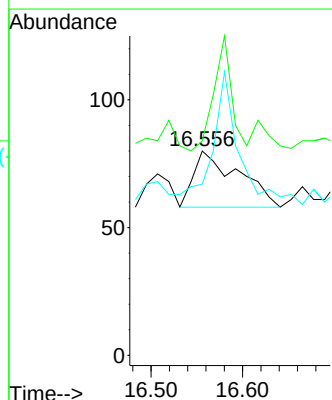
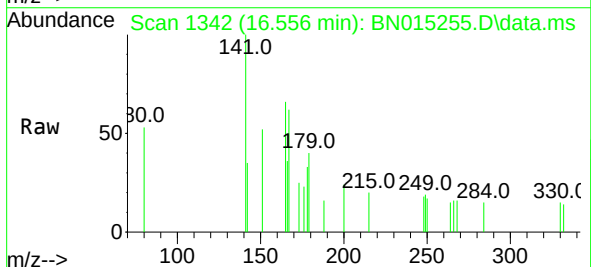
Instrument :
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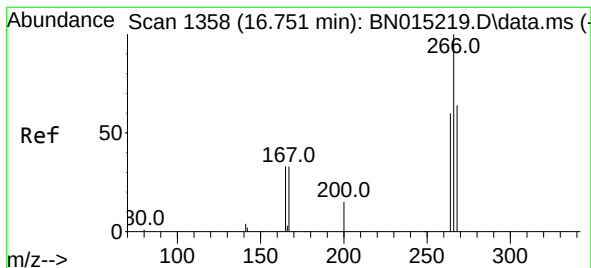
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 253.6 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.174 ng
RT: 16.556 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:200 Resp: 75
Ion Ratio Lower Upper
200 100
173 105.0 21.7 32.5#
215 83.8 43.1 64.7#

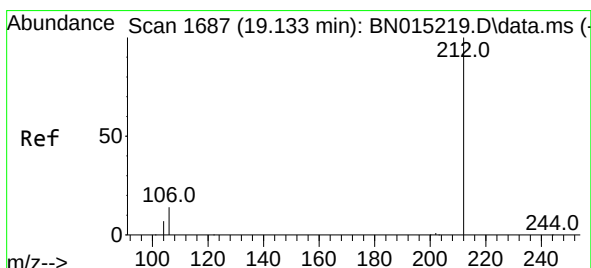
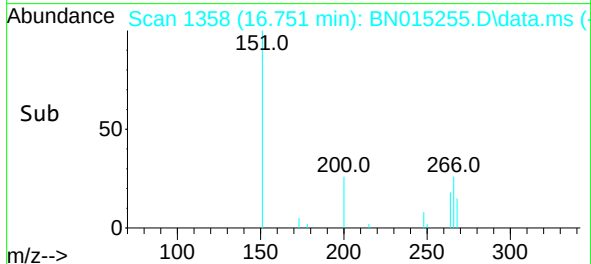
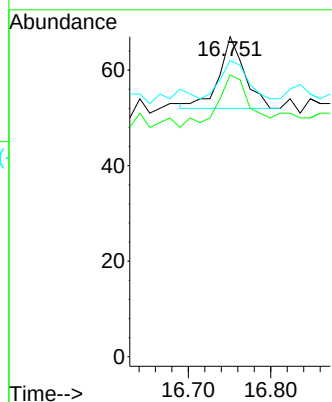
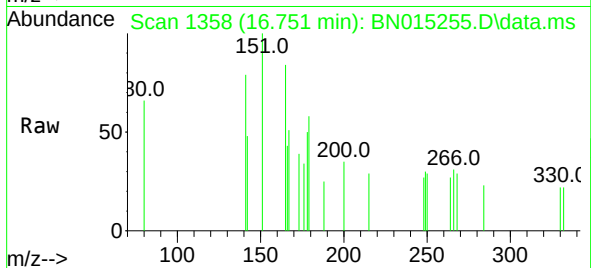




#24
 Pentachlorophenol
 Concen: 0.245 ng
 RT: 16.751 min Scan# 1358
 Delta R.T. -0.000 min
 Lab File: BN015255.D
 Acq: 01 Jul 2021 12:04

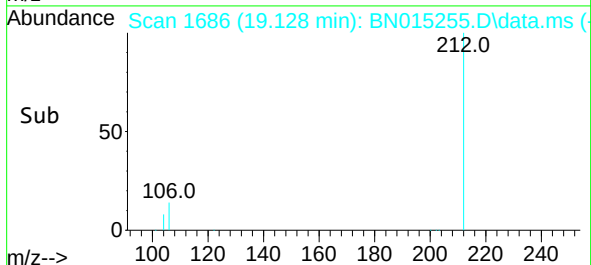
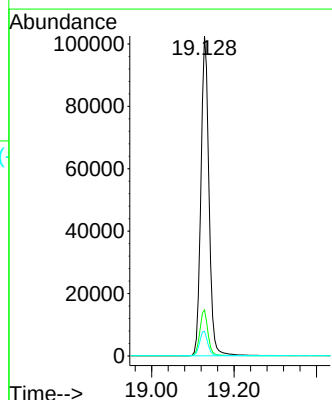
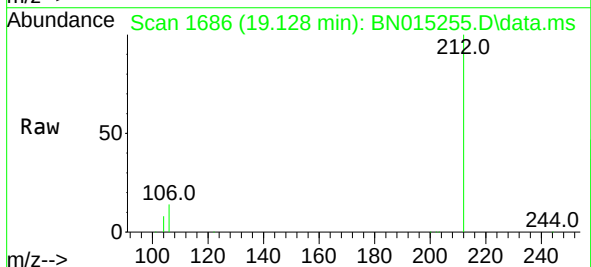
Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20210621

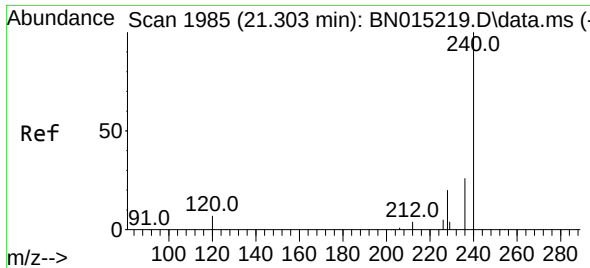
Tgt Ion:266 Resp: 32
 Ion Ratio Lower Upper
 266 100
 264 93.8 51.0 76.4#
 268 56.3 50.6 76.0



#27
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.128 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: BN015255.D
 Acq: 01 Jul 2021 12:04

Tgt Ion:212 Resp: 139302
 Ion Ratio Lower Upper
 212 100
 106 14.3 7.0 10.6#
 104 7.8 4.1 6.1#

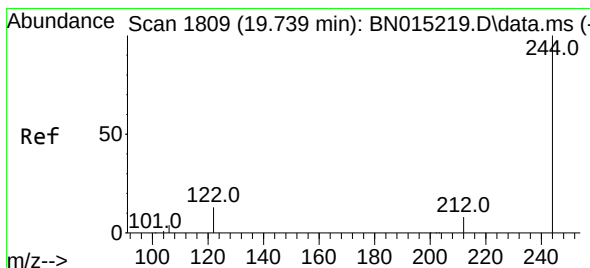
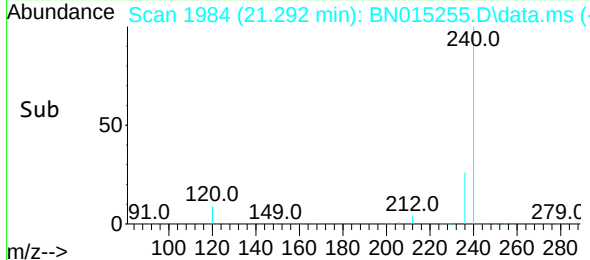
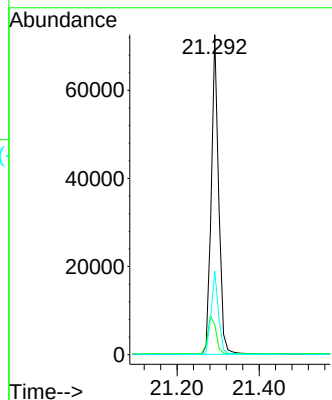
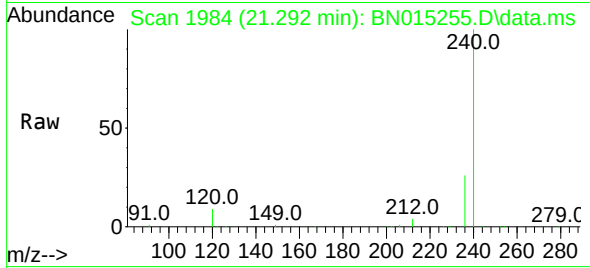




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

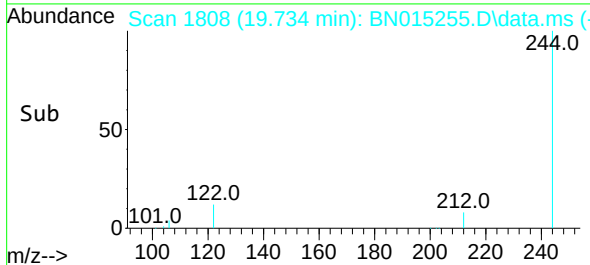
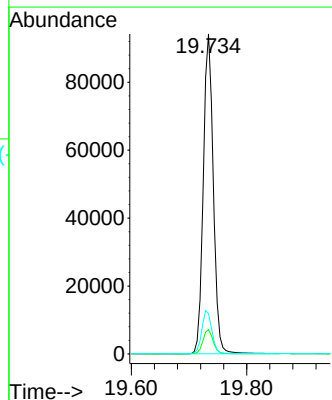
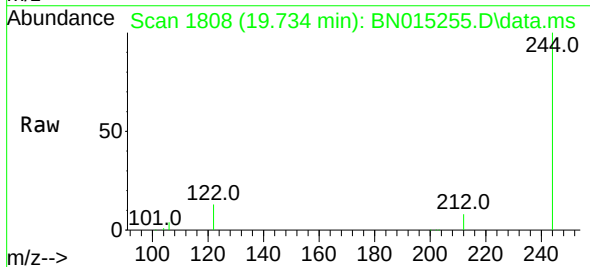
Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

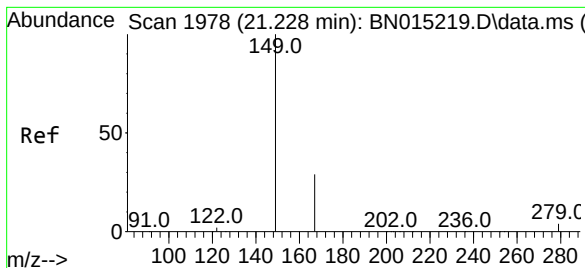
Tgt Ion:240 Resp: 91645
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.4#
236 26.1 21.4 32.2



#31
Terphenyl-d14
Concen: 0.529 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.005 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:244 Resp: 113324
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 12.6 6.2 9.2#

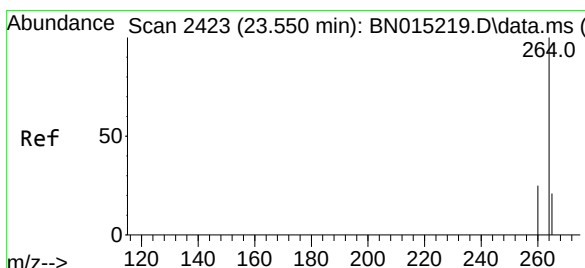
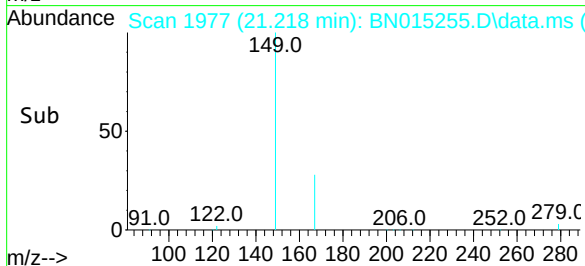
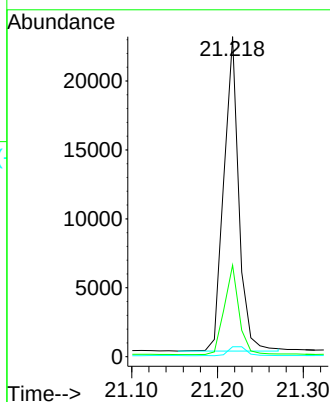
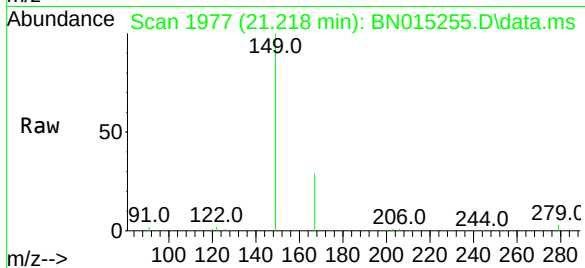




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.395 ng
 RT: 21.218 min Scan# 1977
 Delta R.T. -0.010 min
 Lab File: BN015255.D
 Acq: 01 Jul 2021 12:04

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20210621

Tgt Ion:149 Resp: 27615
 Ion Ratio Lower Upper
 149 100
 167 27.9 28.9 43.3#
 279 3.5 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.010 min
 Lab File: BN015255.D
 Acq: 01 Jul 2021 12:04

Tgt Ion:264 Resp: 74028
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.6 31.0
 265 23.1 21.4 32.2

