

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015202.D
 Acq On : 30 Jun 2021 01:10
 Operator : CG/JU
 Sample : M2783-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20210617

Quant Time: Jun 30 02:42:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 19:13:09 2021
 Response via : Initial Calibration

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

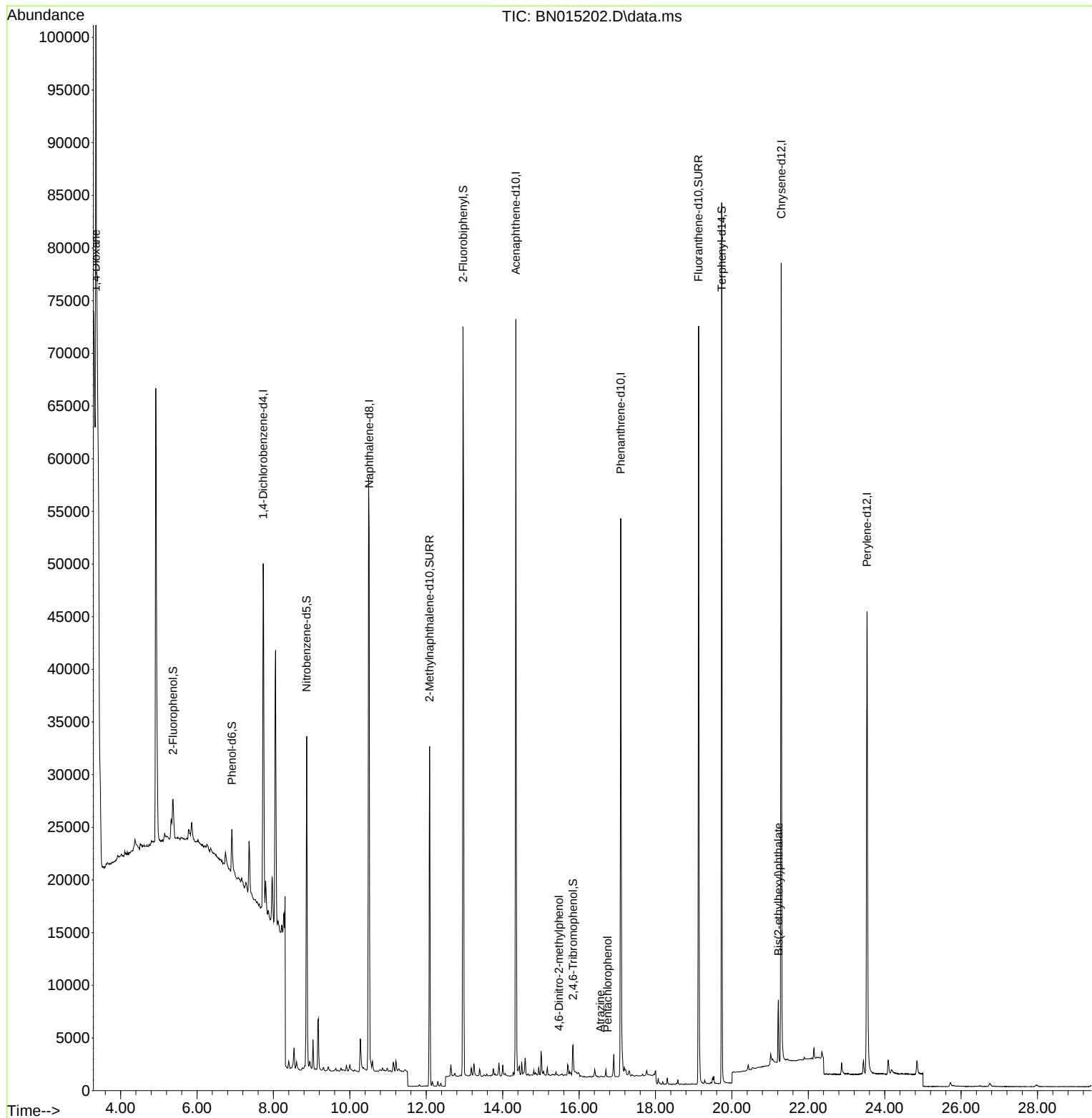
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	17809	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	80481	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	37923	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	73034	0.40	ng	0.00
29) Chrysene-d12	21.292	240	70526	0.40	ng	#-0.01
35) Perylene-d12	23.537	264	61598	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	4504	0.12	ng	0.03
5) Phenol-d6	6.911	99	4105	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	26380	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	42441	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2816	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	64328	0.40	ng	-0.01
27) Fluoranthene-d10	19.128	212	80326	0.36	ng	0.00
31) Terphenyl-d14	19.734	244	78445	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.352	88	74216	14.36	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.475	198	4	0.19	ng	# 5
23) Atrazine	16.556	200	24	0.17	ng	# 24
24) Pentachlorophenol	16.751	266	16	0.24	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.218	149	6037	0.31	ng	# 84

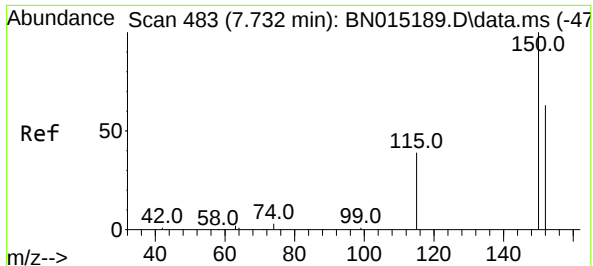
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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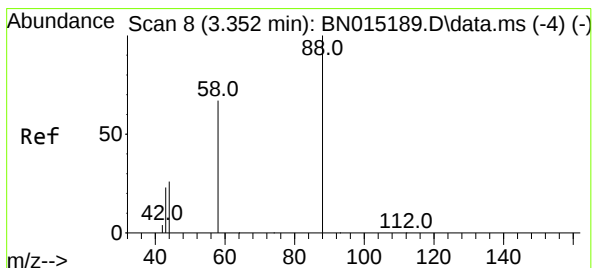
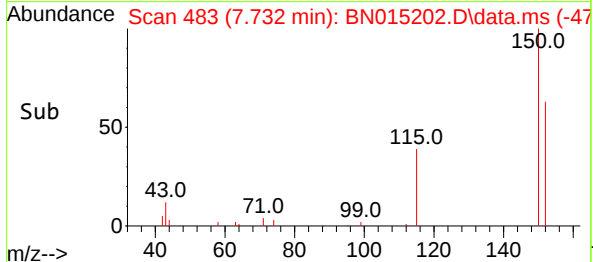
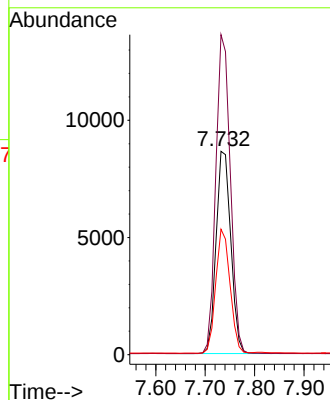
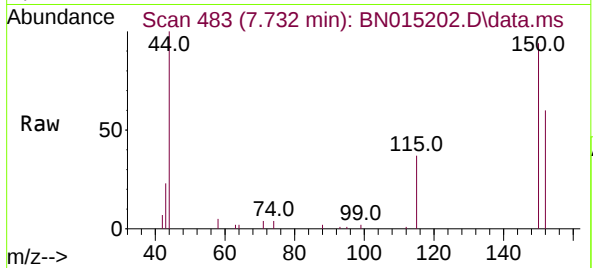




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015202.D
 Acq: 30 Jun 2021 01:10

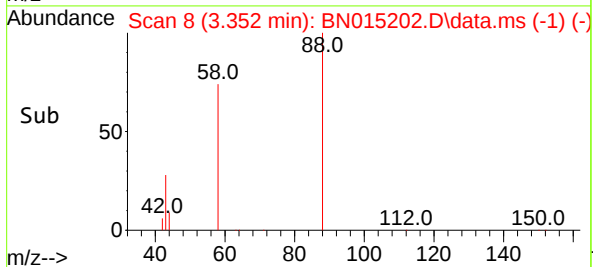
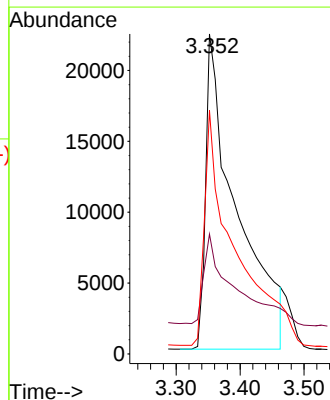
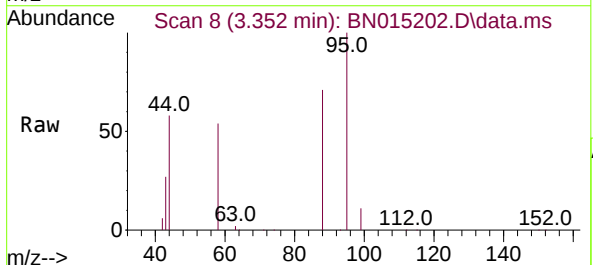
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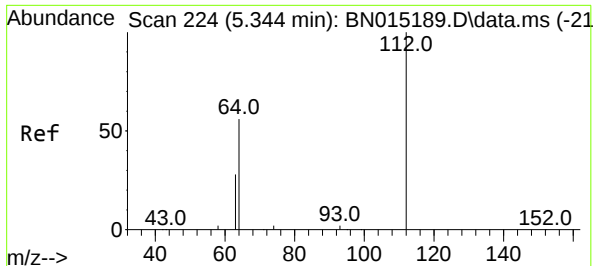
Tgt Ion: 152 Resp: 17809
 Ion Ratio Lower Upper
 152 100
 150 157.3 119.0 178.6
 115 61.6 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 14.36 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015202.D
 Acq: 30 Jun 2021 01:10

Tgt Ion: 88 Resp: 74216
 Ion Ratio Lower Upper
 88 100
 43 26.6 12.9 19.3#
 58 69.8 38.1 57.1#

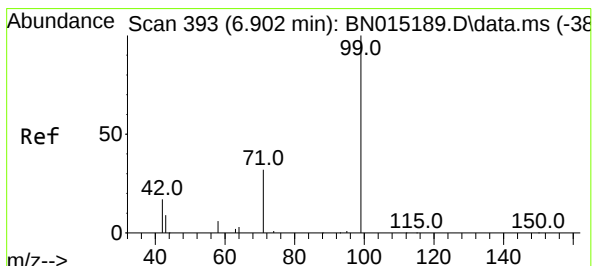
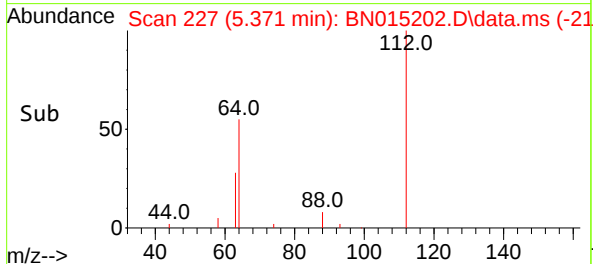
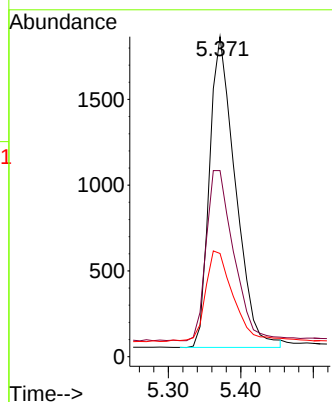
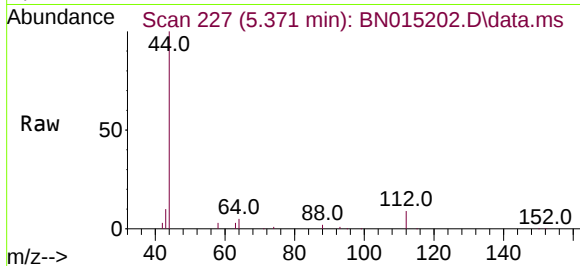




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.028 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

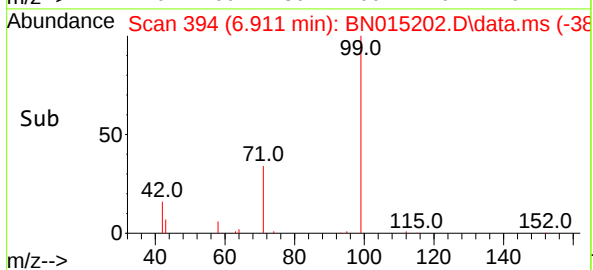
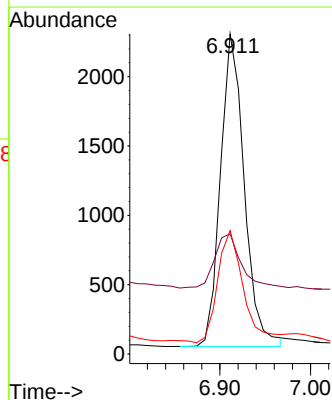
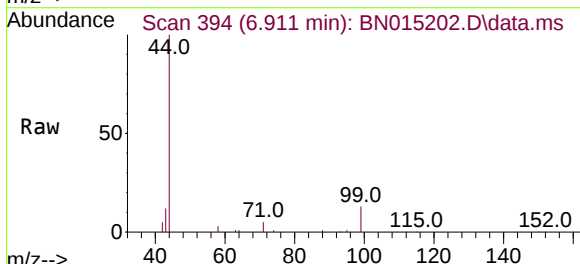
Instrument :
BNA_N
ClientSampleId :
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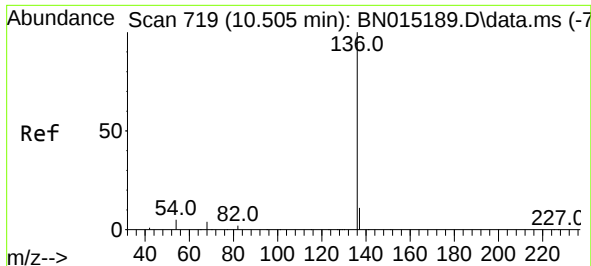
Tgt Ion:112 Resp: 4504
Ion Ratio Lower Upper
112 100
64 58.0 39.0 58.6
63 31.4 20.6 30.8#



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

Tgt Ion: 99 Resp: 4105
Ion Ratio Lower Upper
99 100
42 19.1 8.9 13.3#
71 39.0 35.6 53.4

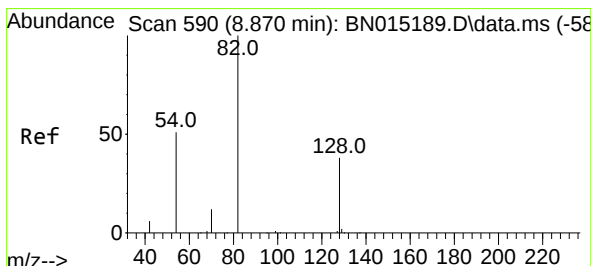
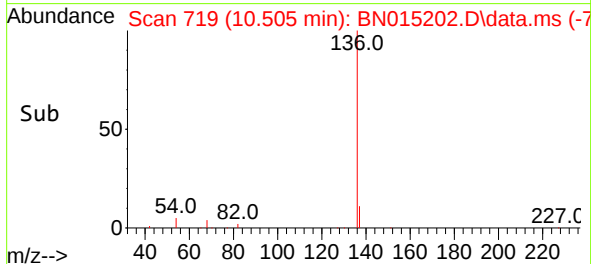
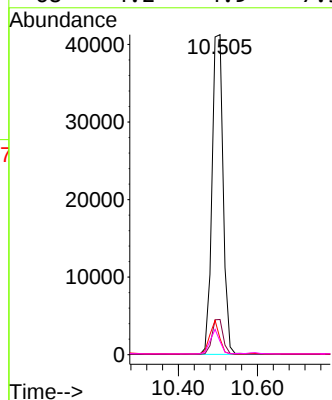
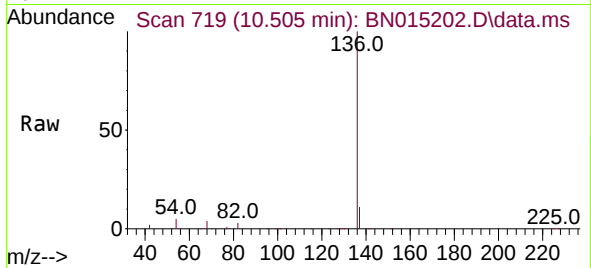




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

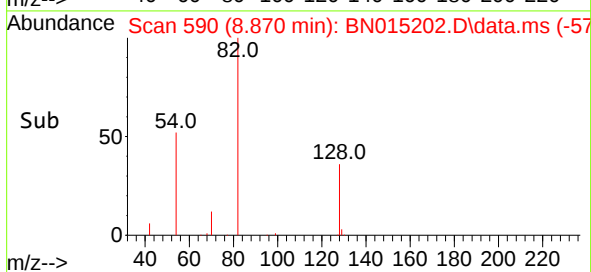
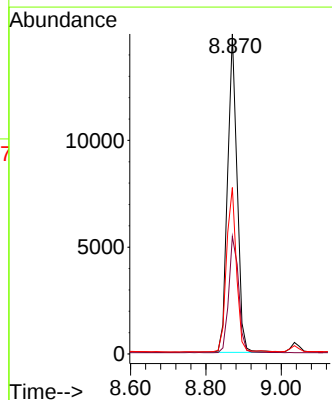
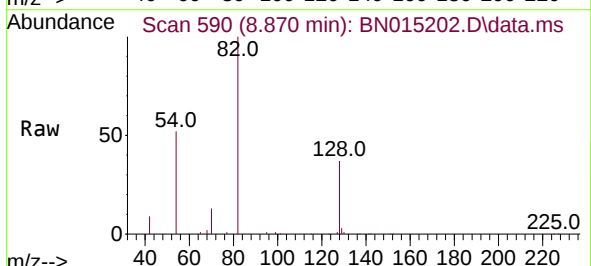
Instrument :
BNA_N
ClientSampleId :
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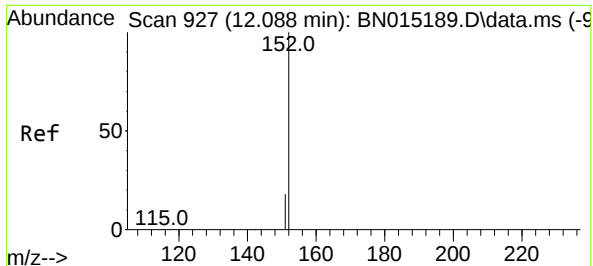
Tgt Ion:	136	Resp:	80481
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	5.0	5.4	8.2#
68	4.2	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

Tgt Ion:	82	Resp:	26380
Ion Ratio	Lower	Upper	
82	100		
128	36.7	31.6	47.4
54	52.0	29.0	43.4#

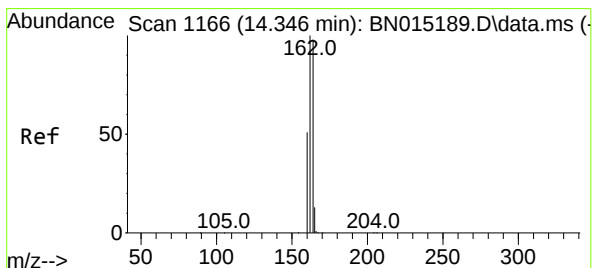
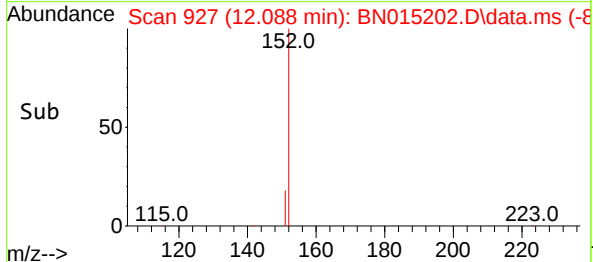
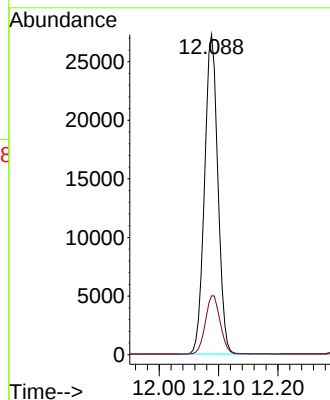
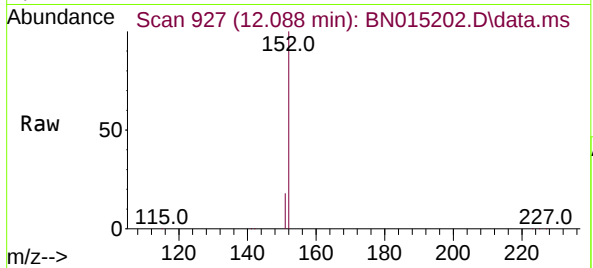




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

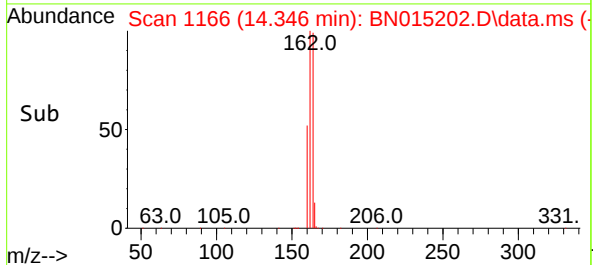
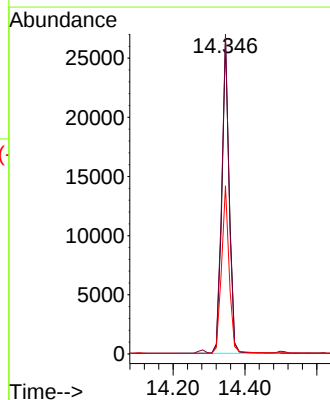
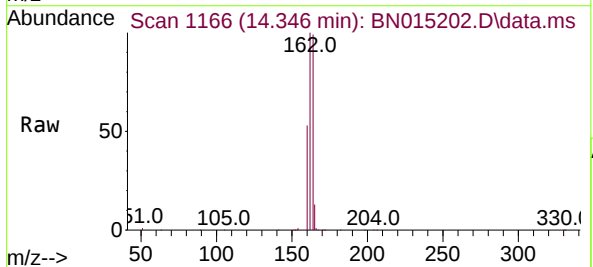
Instrument :
BNA_N
ClientSampleId :
RE134D3-20210617

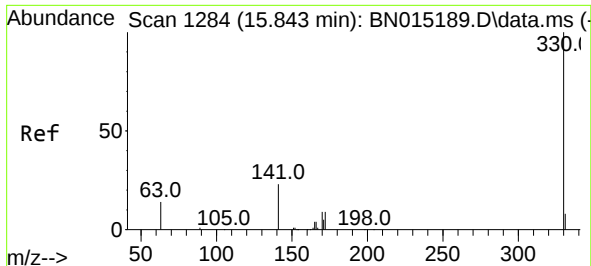
Tgt Ion:152 Resp: 42441
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

Tgt Ion:164 Resp: 37923
Ion Ratio Lower Upper
164 100
162 101.4 83.8 125.6
160 53.3 37.4 56.0

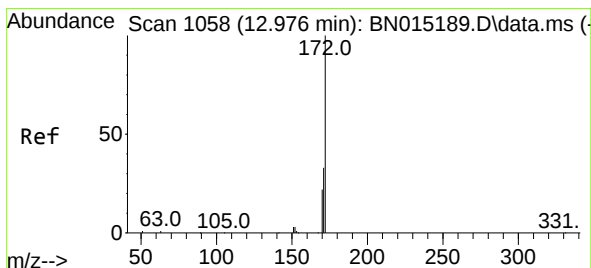
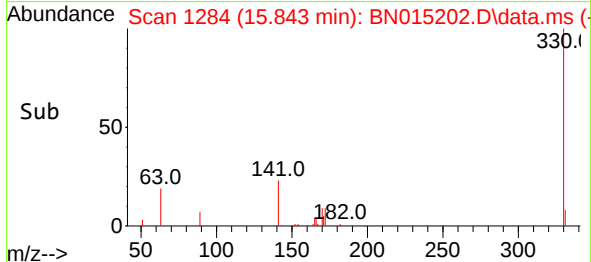
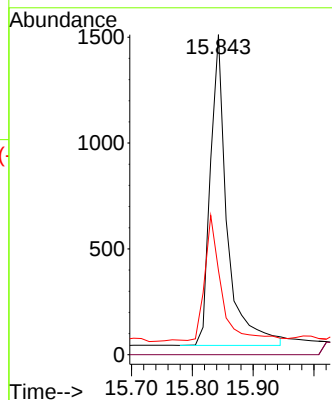
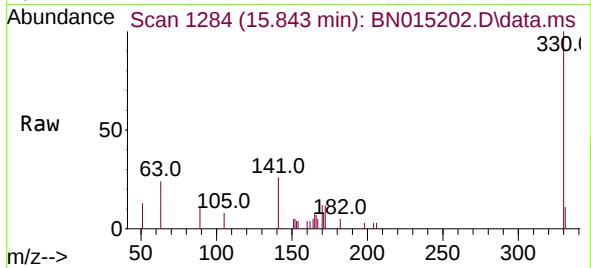




#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

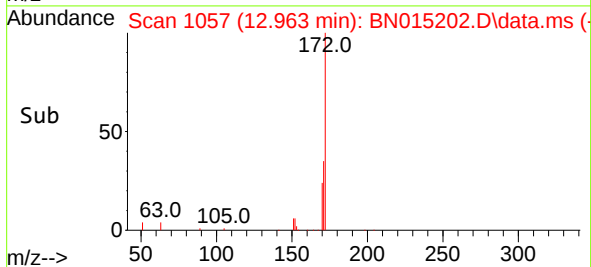
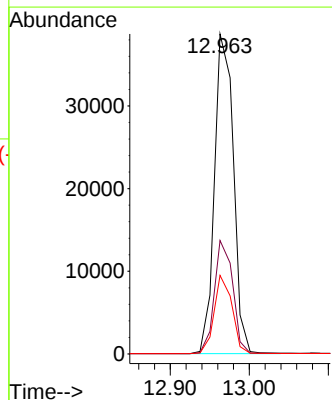
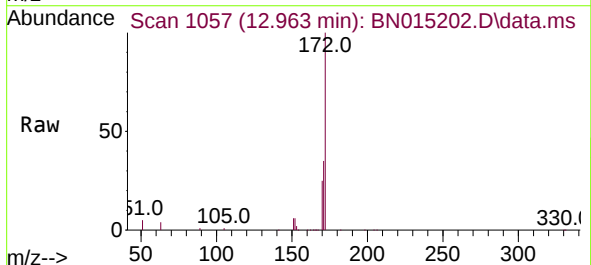
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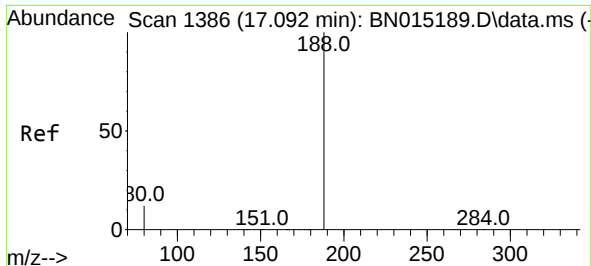
Tgt Ion: 330 Resp: 2816
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

Tgt Ion: 172 Resp: 64328
Ion Ratio Lower Upper
172 100
171 35.4 30.6 45.8
170 24.6 20.2 30.4

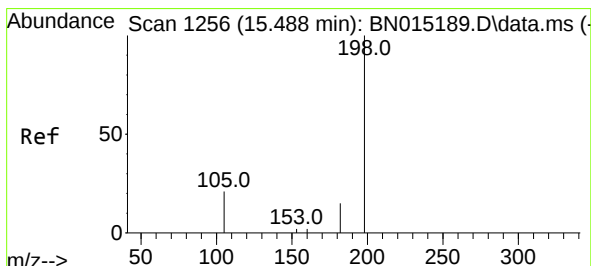
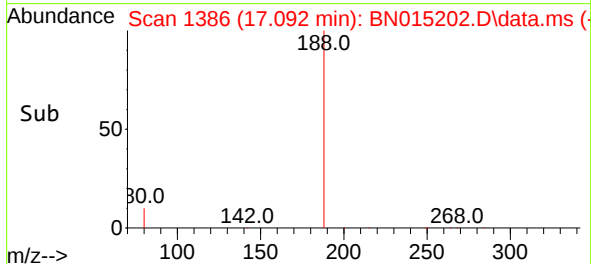
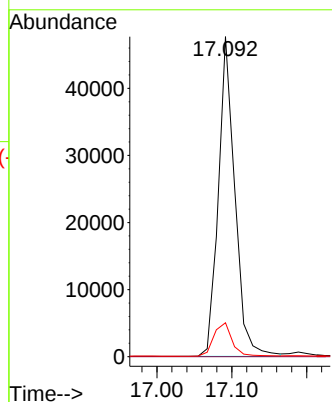
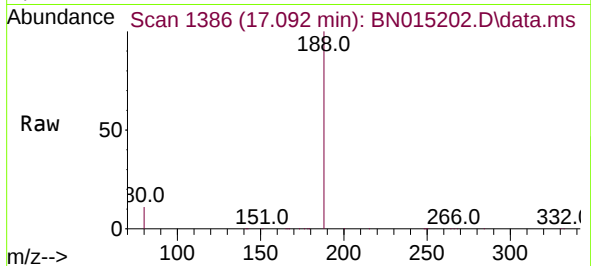




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

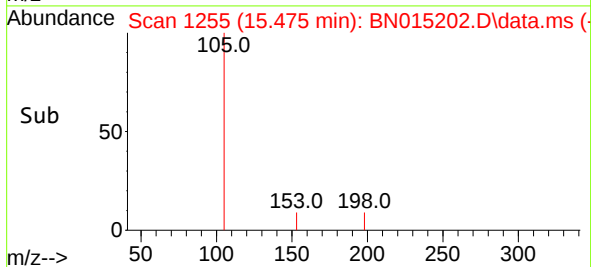
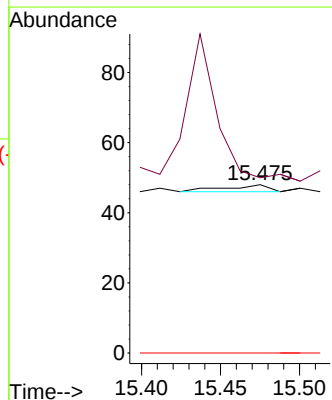
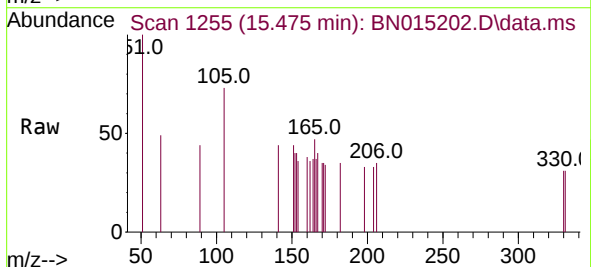
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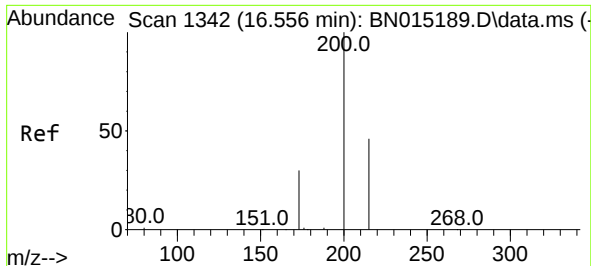
Tgt Ion:188 Resp: 73034
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.013 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 104.2 34.5 51.7#
77 0.0 0.0 0.0

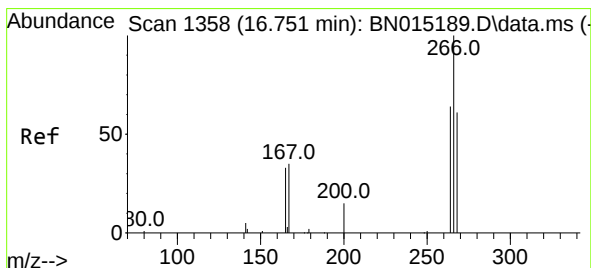
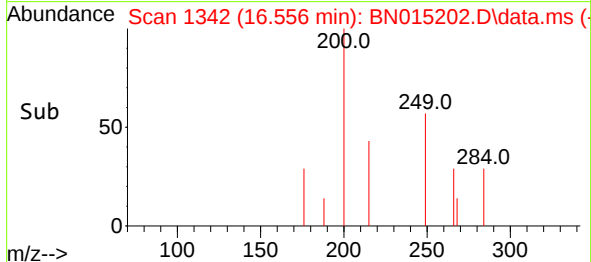
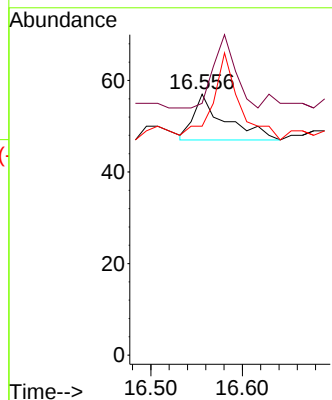
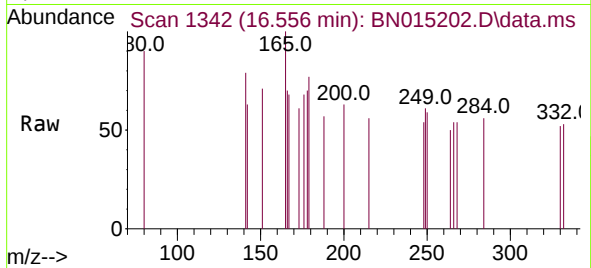




#23
Atrazine
Concen: 0.17 ng
RT: 16.556 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

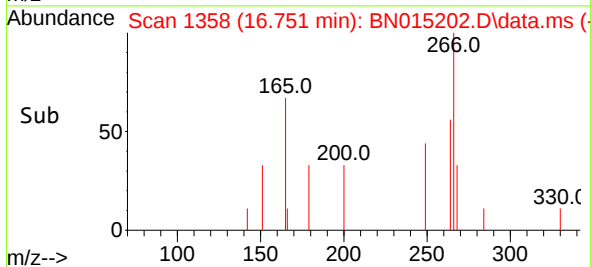
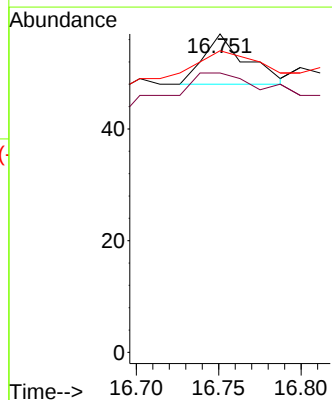
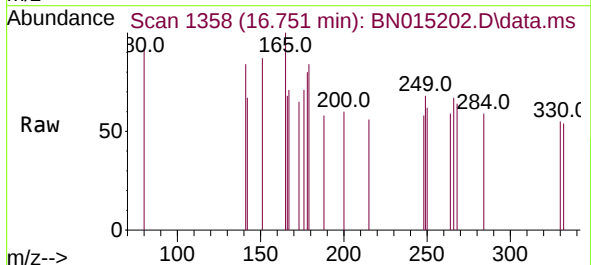
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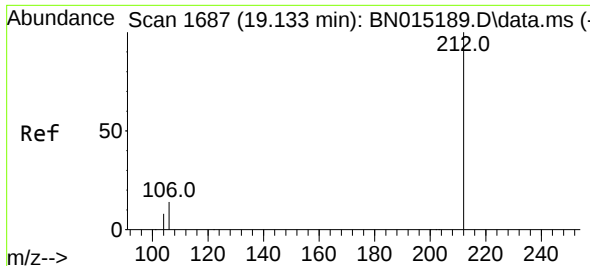
Tgt Ion:200 Resp: 24
Ion Ratio Lower Upper
200 100
173 96.5 21.7 32.5#
215 87.7 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 125.0 51.0 76.4#
268 81.3 50.6 76.0#

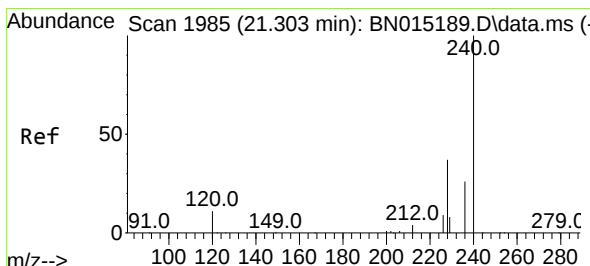
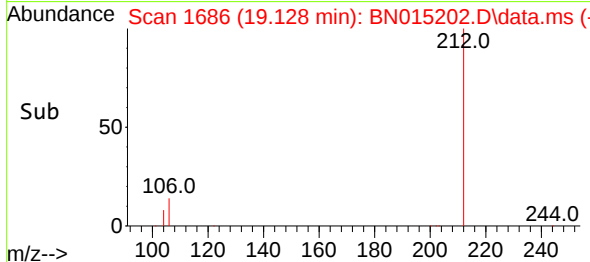
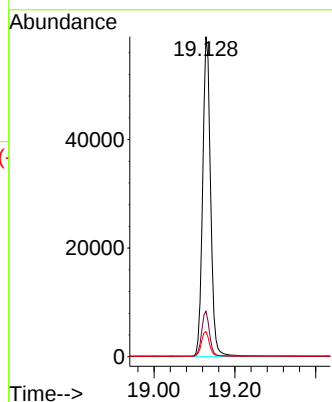
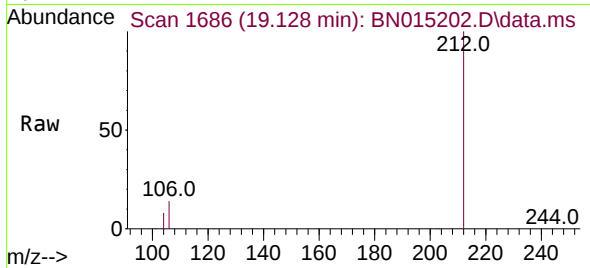




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

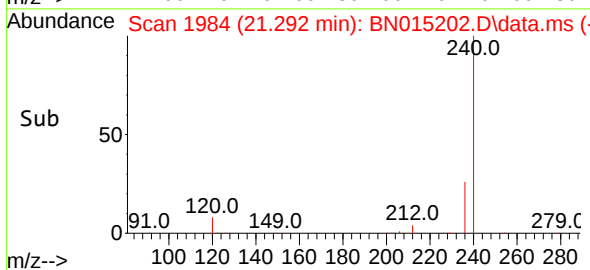
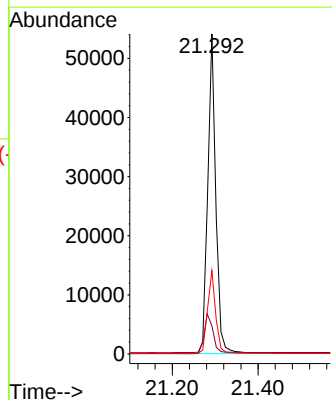
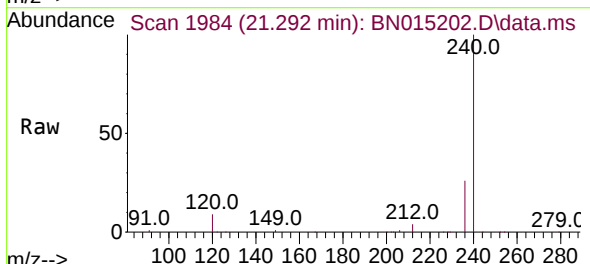
Instrument :
BNA_N
ClientSampleId :
RE134D3-20210617

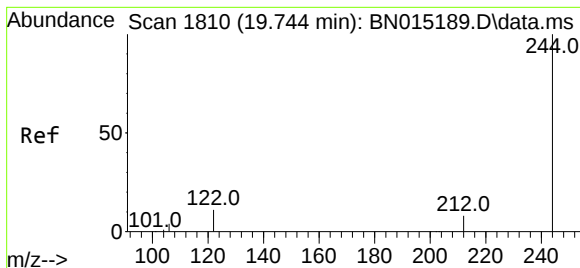
Tgt Ion:212 Resp: 80326
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.9 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

Tgt Ion:240 Resp: 70526
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.4#
236 26.0 21.4 32.2

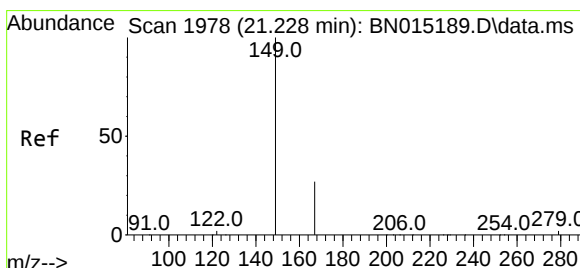
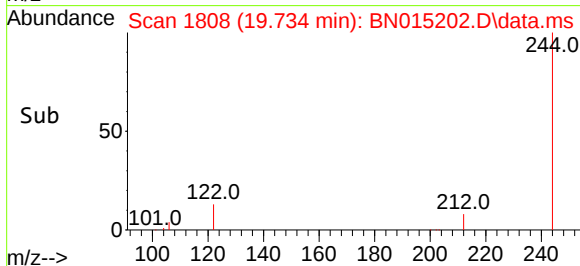
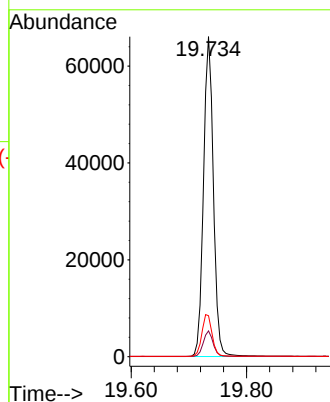
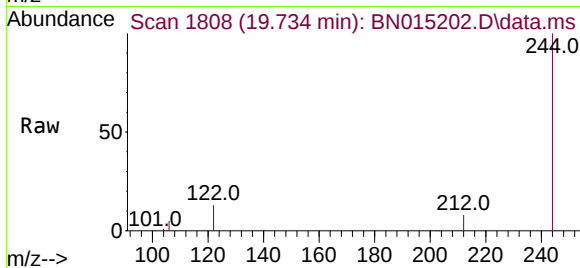




#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

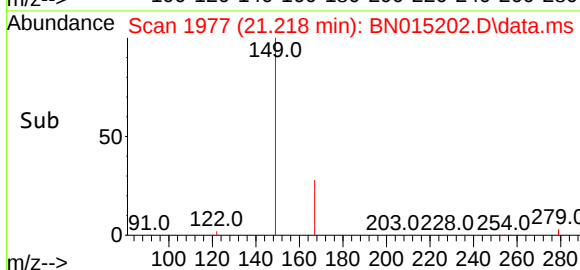
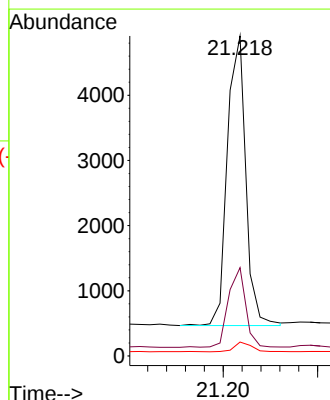
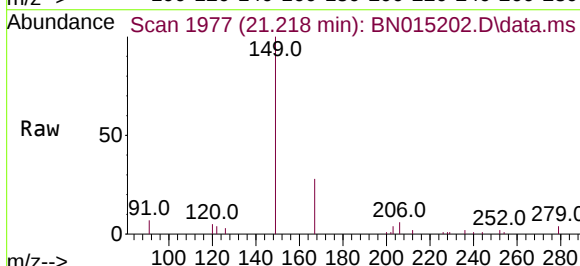
Instrument :
BNA_N
ClientSampleId :
RE134D3-20210617

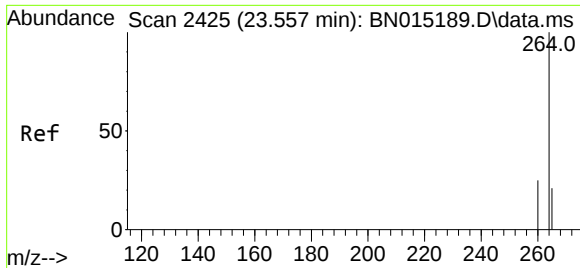
Tgt Ion:244 Resp: 78445
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 12.8 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.010 min
Lab File: BN015202.D
Acq: 30 Jun 2021 01:10

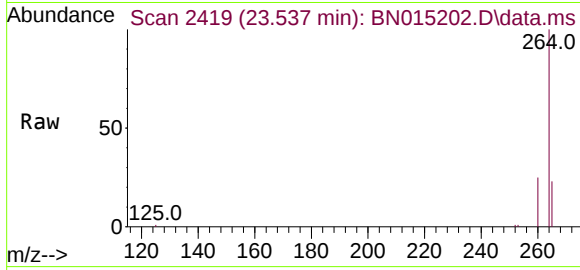
Tgt Ion:149 Resp: 6037
Ion Ratio Lower Upper
149 100
167 25.9 28.9 43.3#
279 3.1 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.537 min Scan# 2419
 Delta R.T. -0.021 min
 Lab File: BN015202.D
 Acq: 30 Jun 2021 01:10

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20210617



Tgt Ion:264 Resp: 61598

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	31.0
265	23.4	21.4	32.2

