

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015208.D
 Acq On : 30 Jun 2021 04:46
 Operator : CG/JU
 Sample : M2783-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20210617

Quant Time: Jun 30 06:20:40 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)

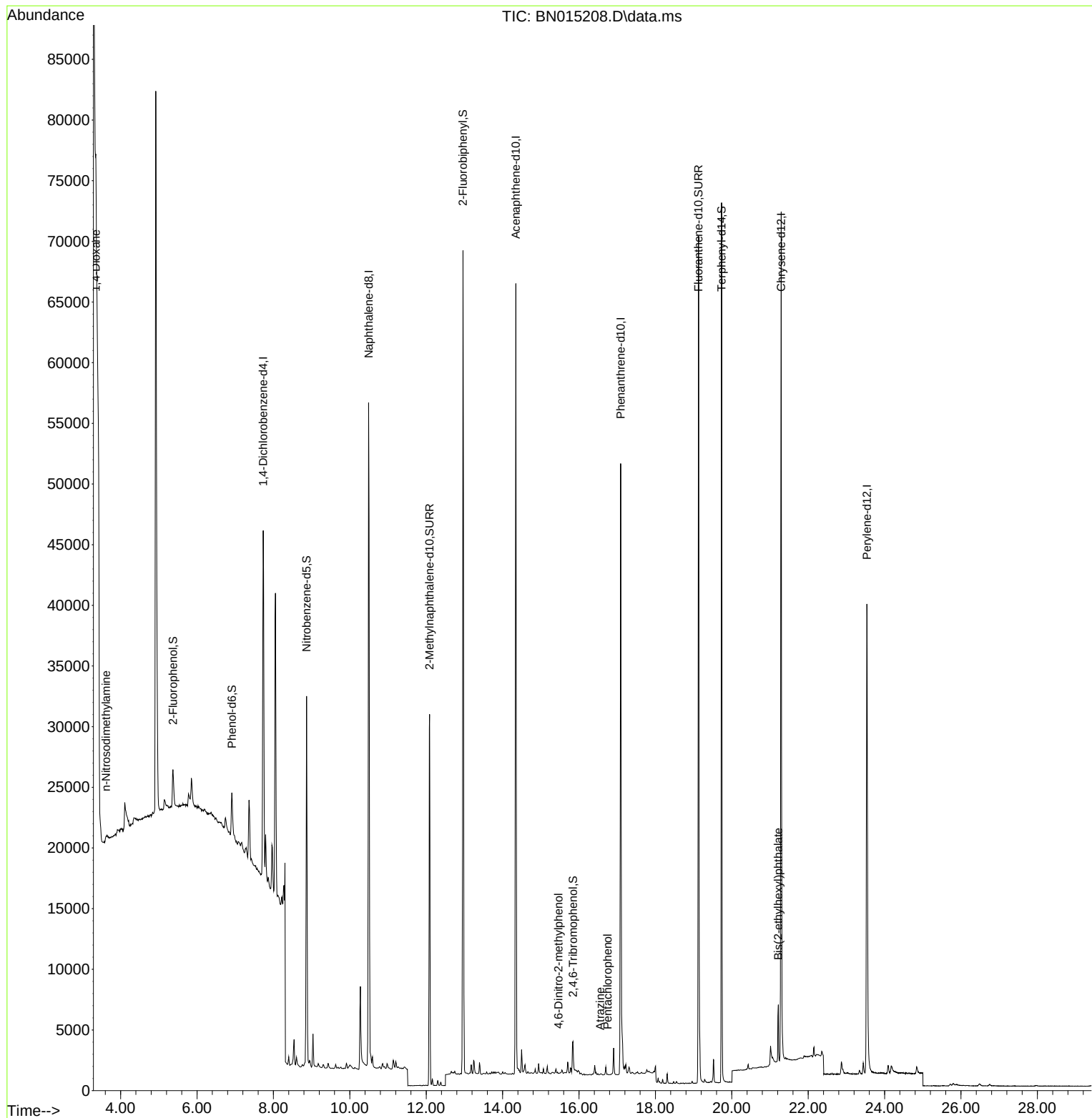
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	16590	0.40	ng	# 0.00
7) Naphthalene-d8	10.493	136	75357	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	34578	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	69136	0.40	ng	0.00
29) Chrysene-d12	21.292	240	65725	0.40	ng	#-0.01
35) Perylene-d12	23.537	264	54798	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	3936	0.11	ng	0.03
5) Phenol-d6	6.911	99	3596	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	25174	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	40778	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2616	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	60737	0.42	ng	-0.01
27) Fluoranthene-d10	19.128	212	78752	0.37	ng	0.00
31) Terphenyl-d14	19.734	244	68457	0.47	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	13324	2.77	ng	# 73
3) n-Nitrosodimethylamine	3.619	42	257	0.03	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.462	198	2	0.19	ng	# 5
23) Atrazine	16.556	200	7	0.17	ng	# 27
24) Pentachlorophenol	16.751	266	14	0.24	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.218	149	4871	0.30	ng	# 83

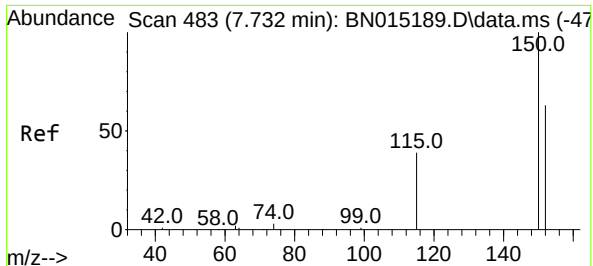
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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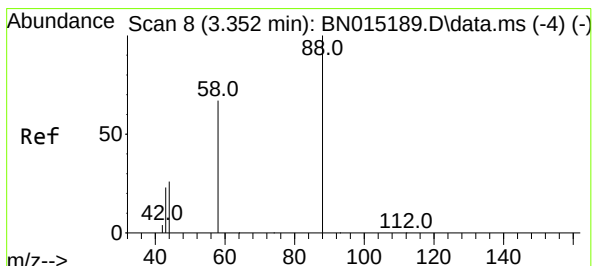
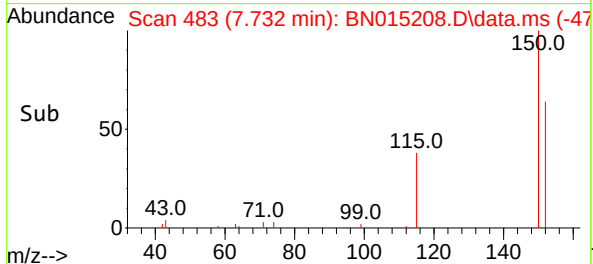
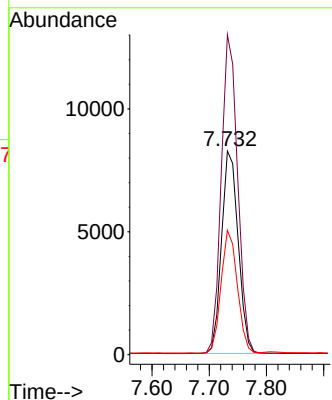
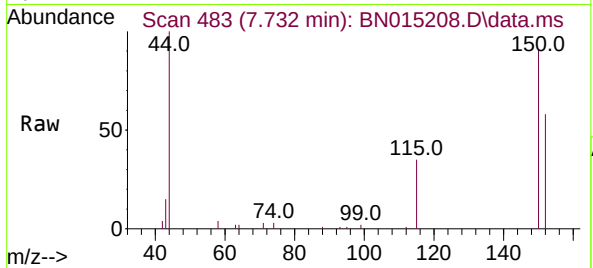




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015208.D
 Acq: 30 Jun 2021 04:46

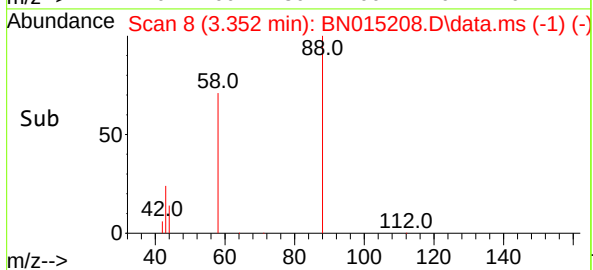
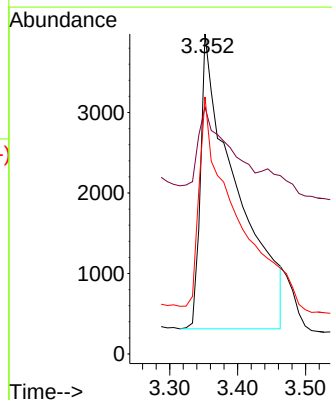
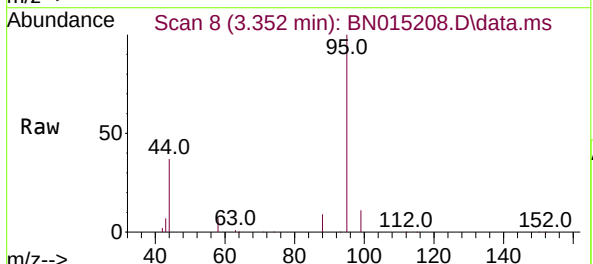
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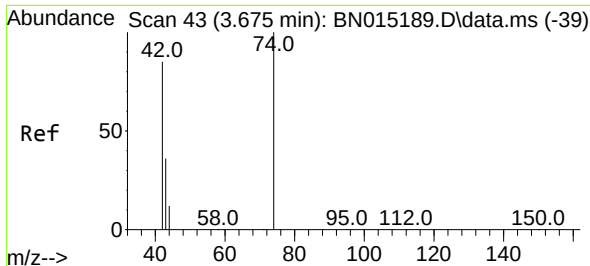
Tgt Ion:152 Resp: 16590
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.0 178.6
 115 61.0 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.77 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015208.D
 Acq: 30 Jun 2021 04:46

Tgt Ion: 88 Resp: 13324
 Ion Ratio Lower Upper
 88 100
 43 24.0 12.9 19.3#
 58 68.0 38.1 57.1#

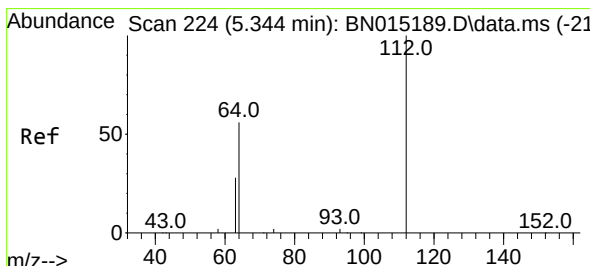
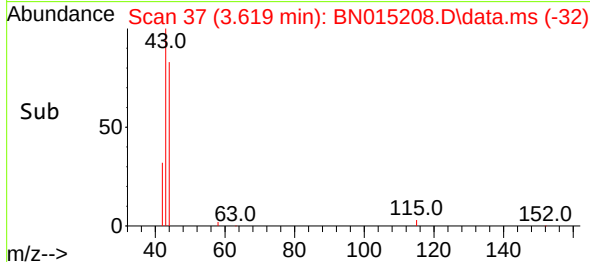
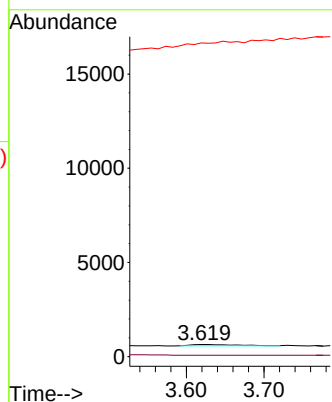
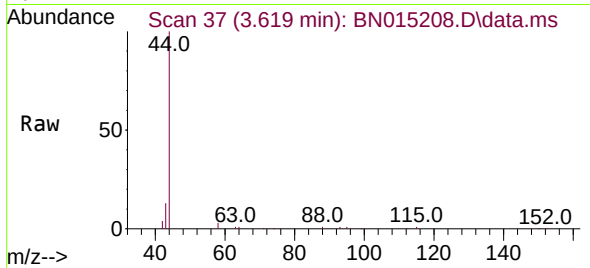




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.619 min Scan# 37
Delta R.T. -0.055 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

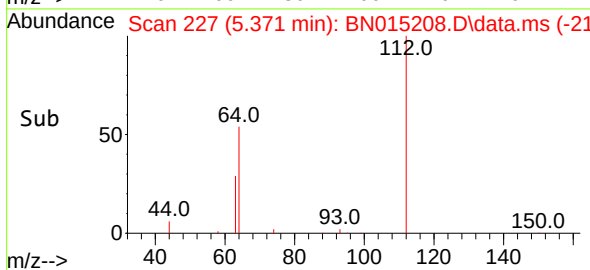
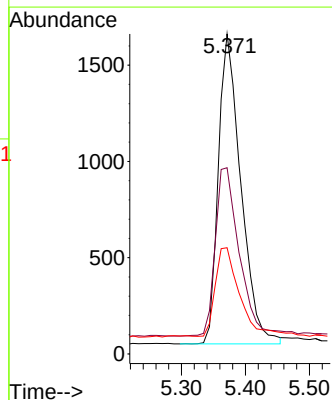
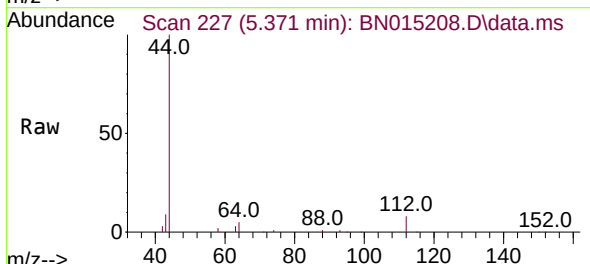
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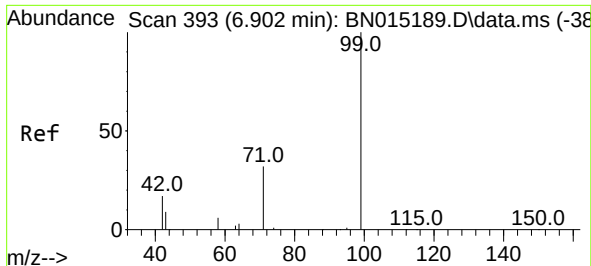
Tgt Ion: 42 Resp: 257
Ion Ratio Lower Upper
42 100
74 2.3 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.028 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

Tgt Ion: 112 Resp: 3936
Ion Ratio Lower Upper
112 100
64 57.6 39.0 58.6
63 30.7 20.6 30.8

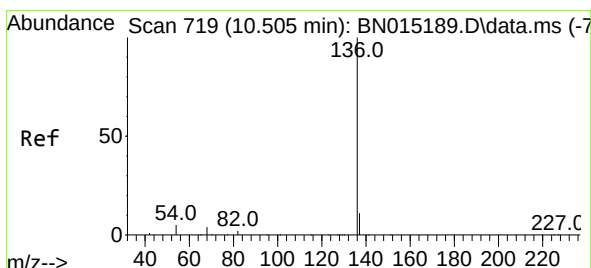
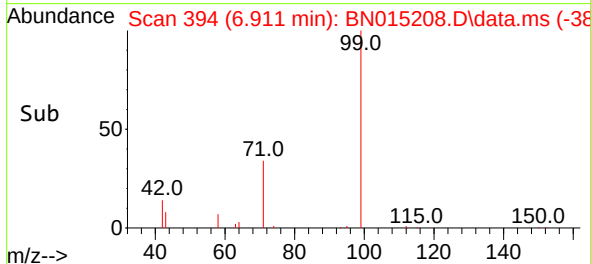
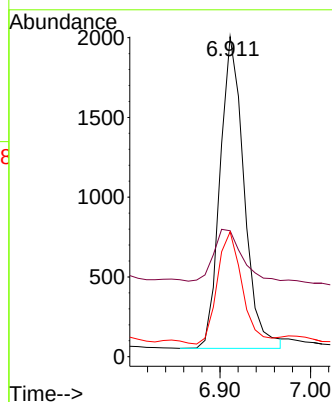
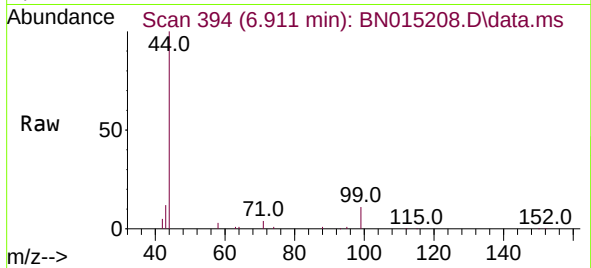




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

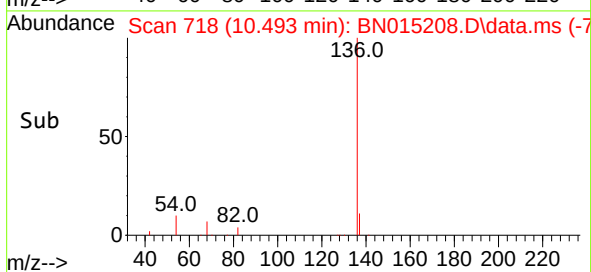
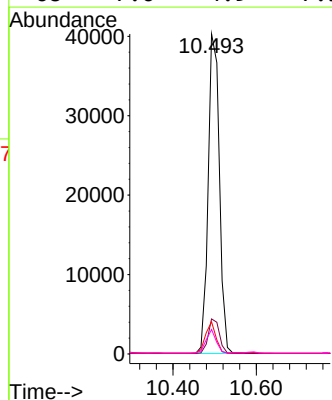
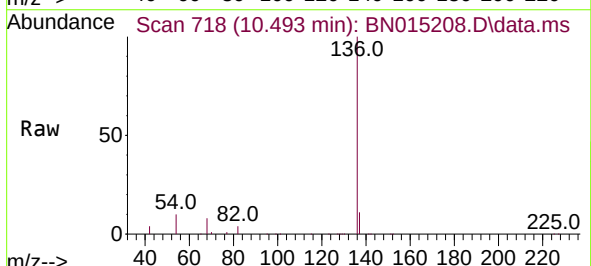
Instrument :
BNA_N
ClientSampleId :
RE139D1-20210617

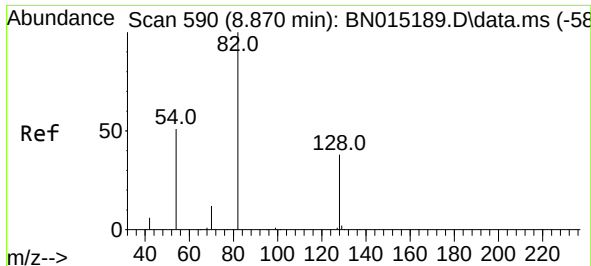
Tgt Ion: 99 Resp: 3596
Ion Ratio Lower Upper
99 100
42 19.0 8.9 13.3#
71 37.5 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.493 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

Tgt Ion: 136 Resp: 75357
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 10.0 5.4 8.2#
68 7.6 4.9 7.3#

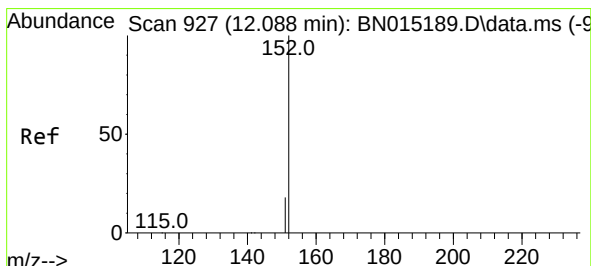
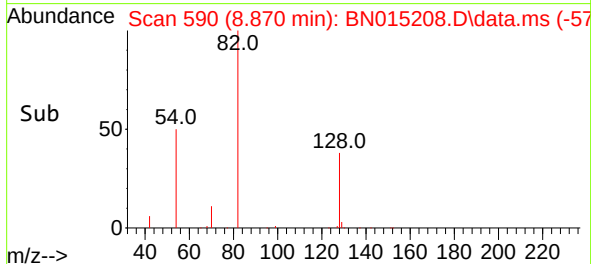
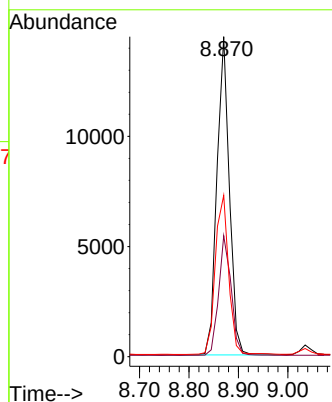
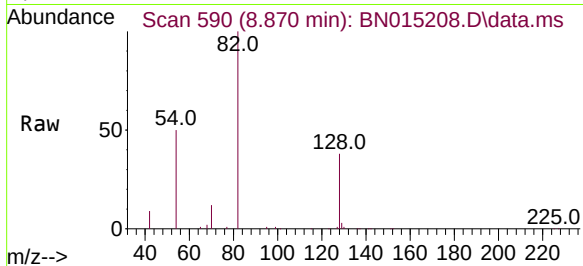




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

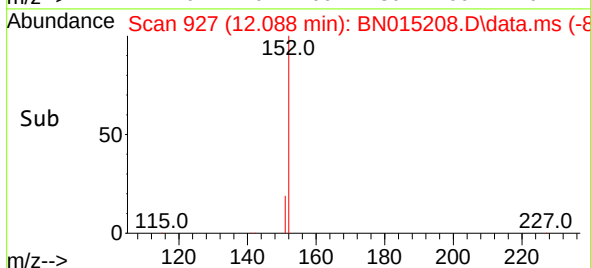
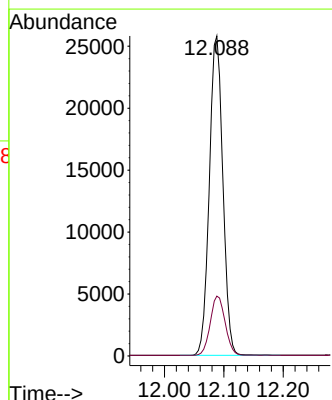
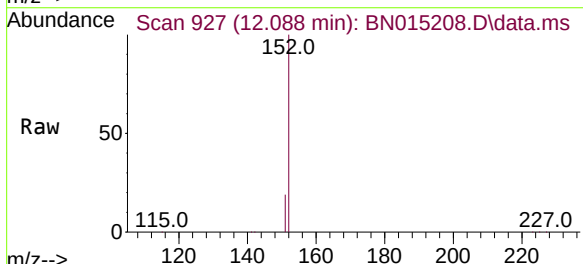
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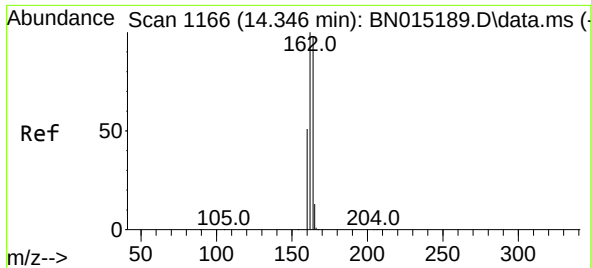
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.6	47.4
54	50.4	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

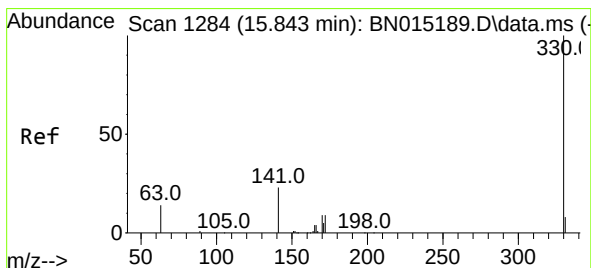
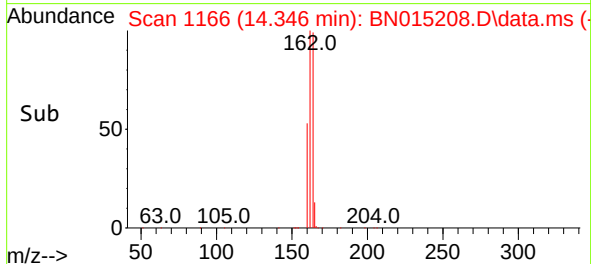
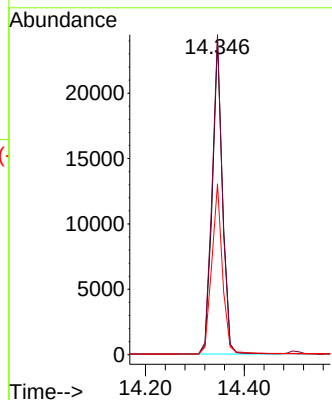
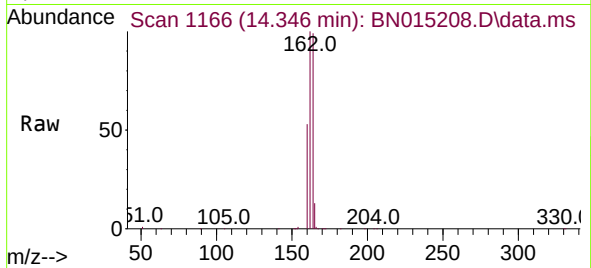




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

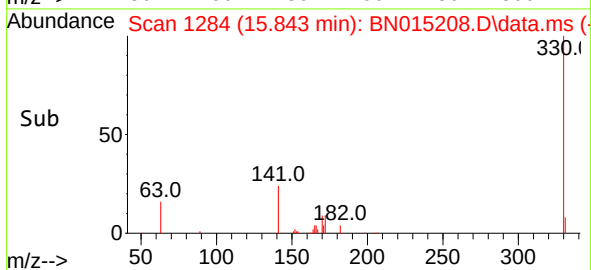
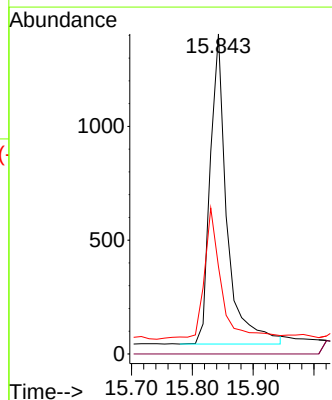
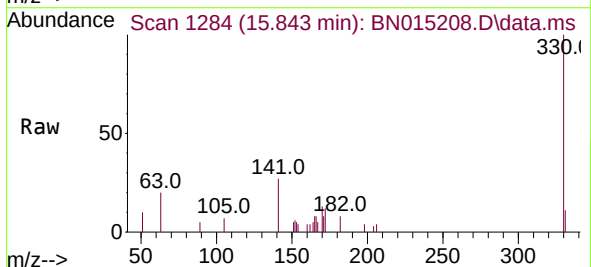
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ClientSampleId :
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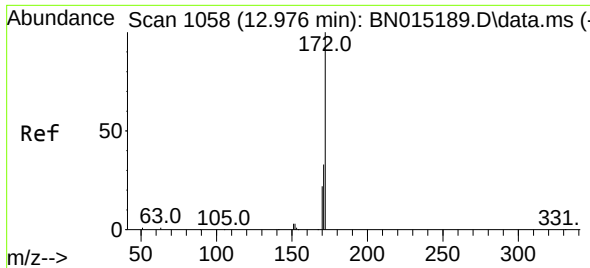
Tgt Ion:164 Resp: 34578
Ion Ratio Lower Upper
164 100
162 101.4 83.8 125.6
160 54.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

Tgt Ion:330 Resp: 2616
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 22.4 33.6#

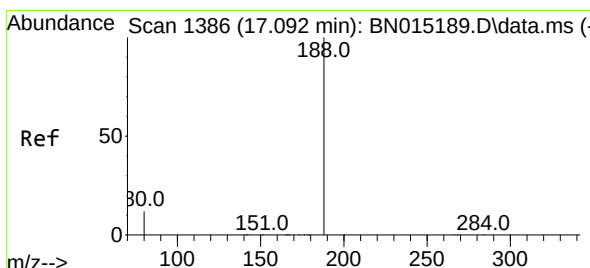
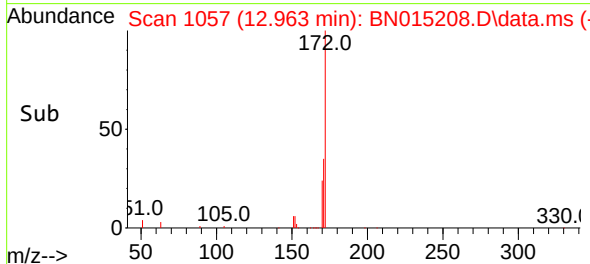
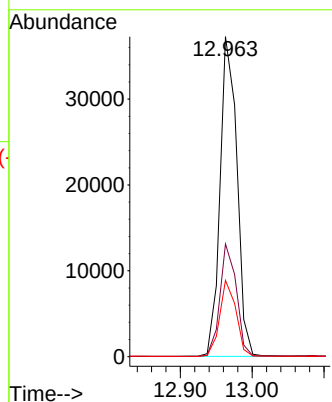
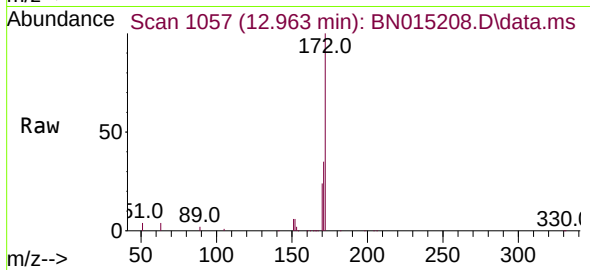




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

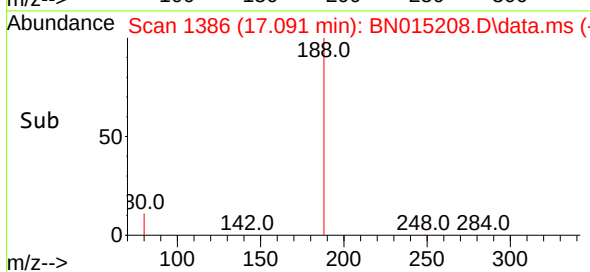
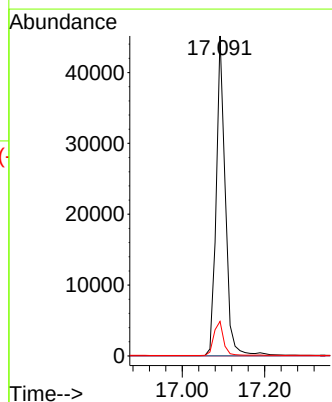
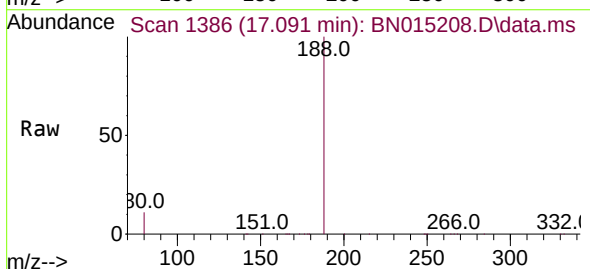
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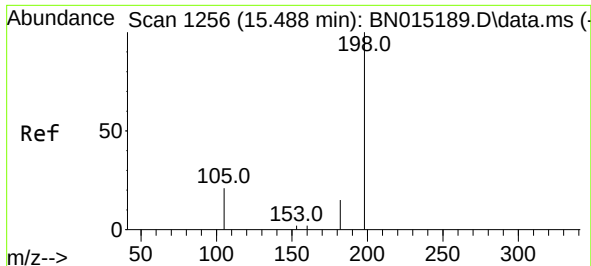
Tgt Ion:172	Resp:	60737
Ion Ratio	Lower	Upper
172	100	
171	35.3	30.6 45.8
170	23.9	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

Tgt Ion:188	Resp:	69136
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.8	9.0 13.4

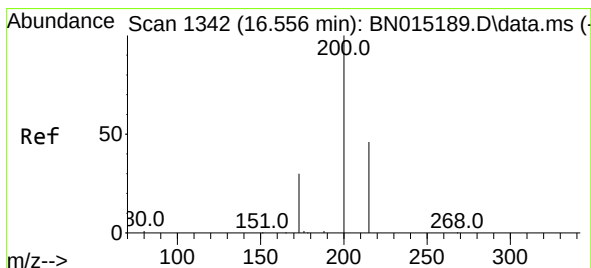
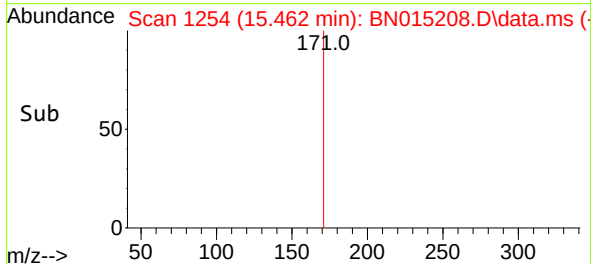
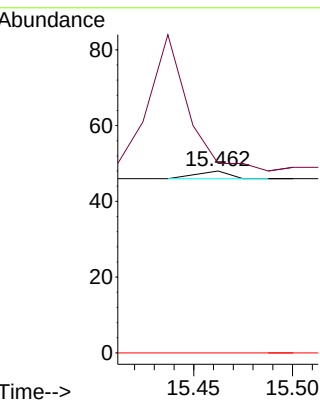
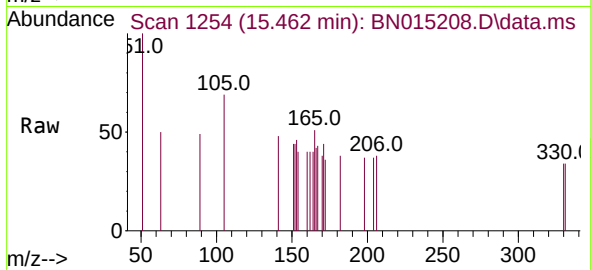




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.462 min Scan# 1254
Delta R.T. -0.026 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

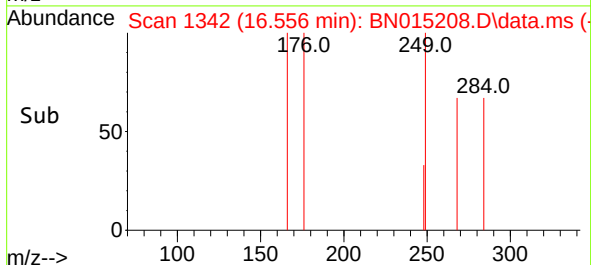
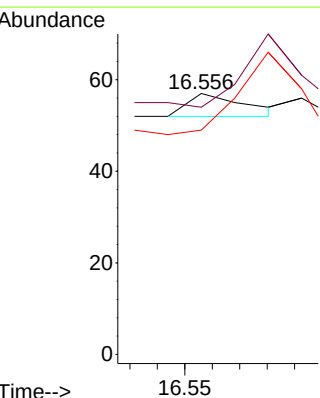
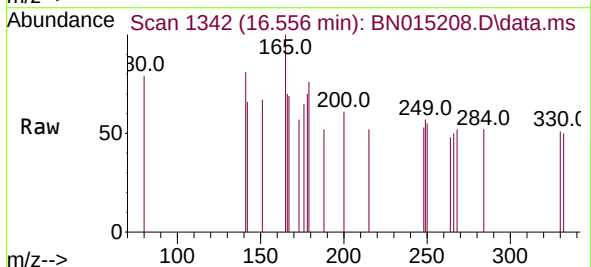
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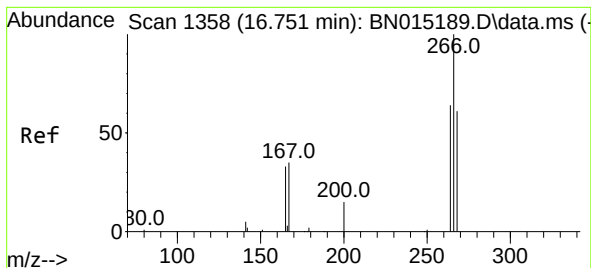
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 104.2 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.556 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

Tgt Ion:200 Resp: 7
Ion Ratio Lower Upper
200 100
173 94.7 21.7 32.5#
215 86.0 43.1 64.7#

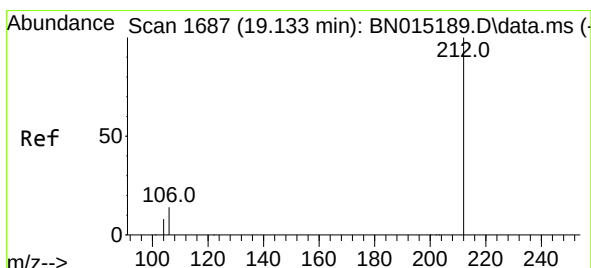
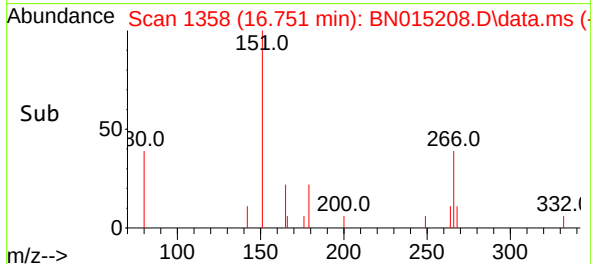
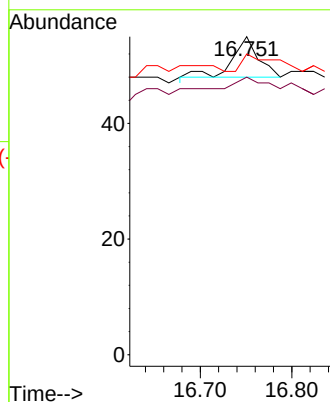
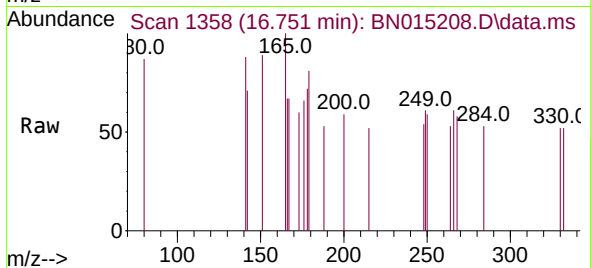




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

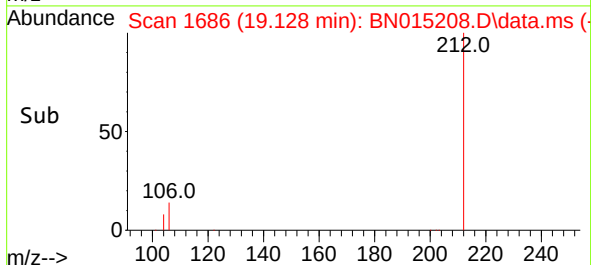
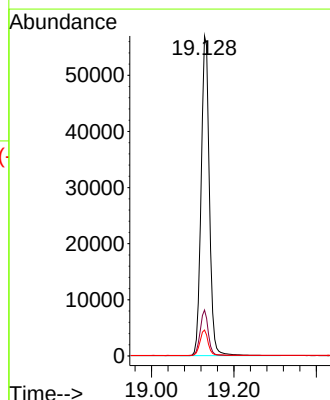
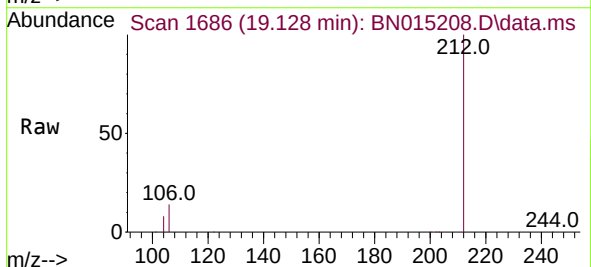
Instrument :
BNA_N
ClientSampleId :
RE139D1-20210617

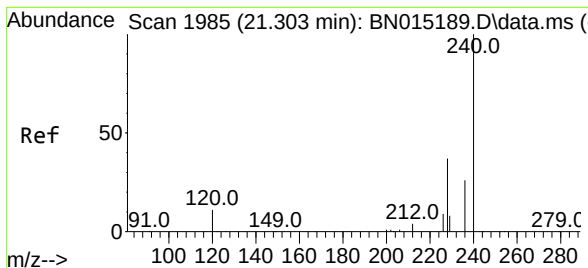
Tgt Ion:	266	Resp:	14
Ion Ratio	Lower	Upper	
266	100		
264	71.4	51.0	76.4
268	50.0	50.6	76.0#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015208.D
Acq: 30 Jun 2021 04:46

Tgt Ion:	212	Resp:	78752
Ion Ratio	Lower	Upper	
212	100		
106	13.9	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: BN015208.D

Acq: 30 Jun 2021 04:46

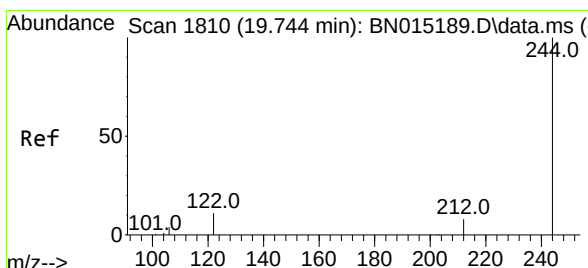
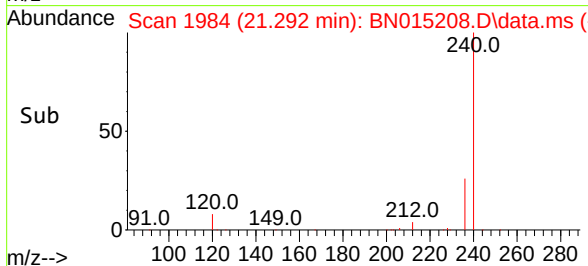
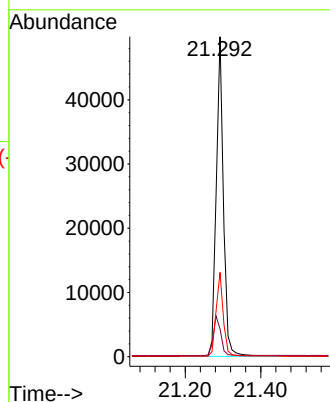
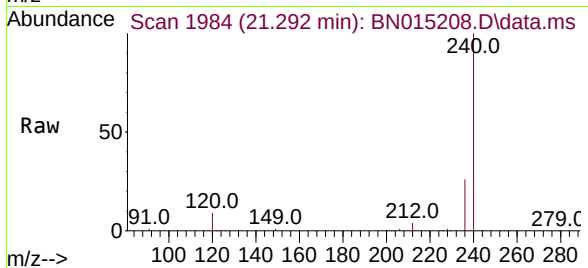
Tgt Ion:240 Resp: 65725

Ion Ratio Lower Upper

240 100

120 8.6 4.2 6.4#

236 26.3 21.4 32.2



#31

Terphenyl-d14

Concen: 0.47 ng

RT: 19.734 min Scan# 1808

Delta R.T. -0.010 min

Lab File: BN015208.D

Acq: 30 Jun 2021 04:46

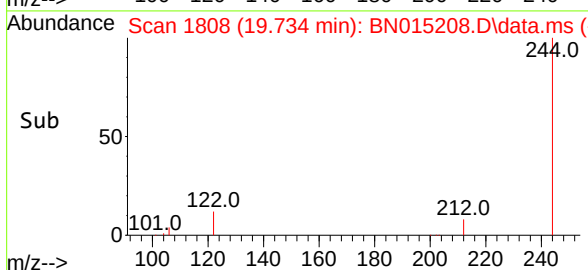
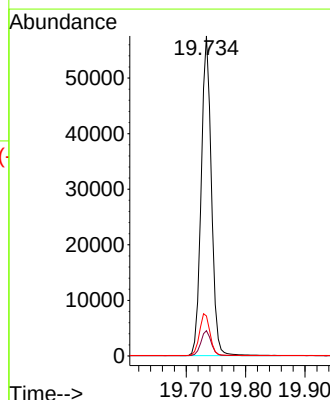
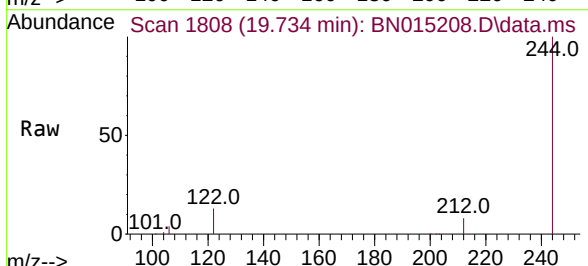
Tgt Ion:244 Resp: 68457

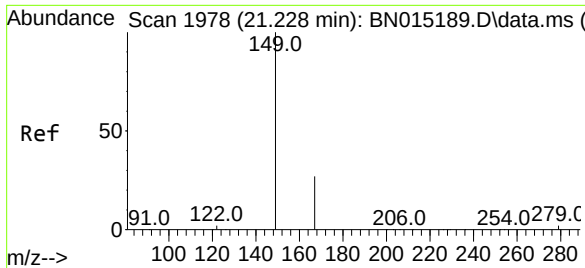
Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 12.5 6.2 9.2#

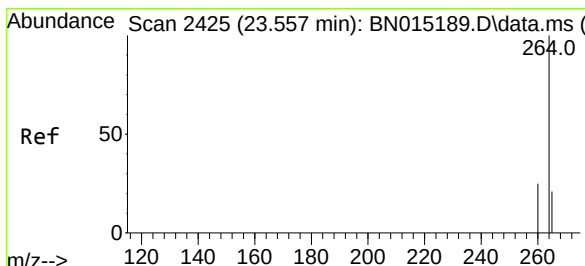
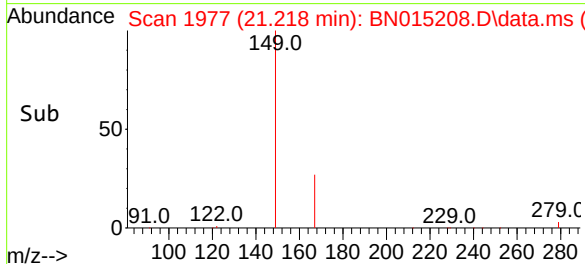
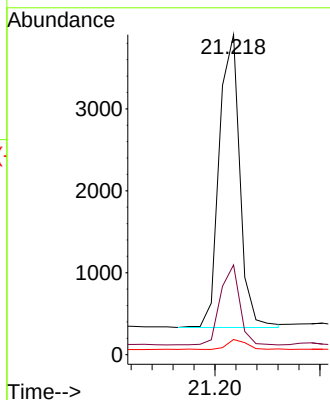
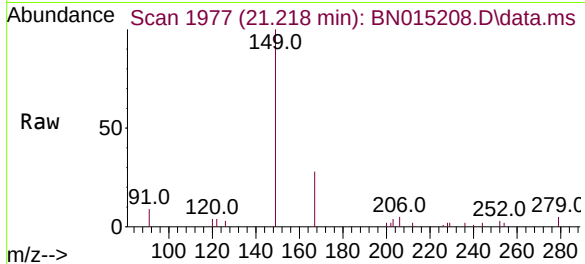




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.218 min Scan# 1977
 Delta R.T. -0.010 min
 Lab File: BN015208.D
 Acq: 30 Jun 2021 04:46

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20210617

Tgt Ion:149	Resp:	4871
Ion Ratio	Lower	Upper
149	100	
167	25.6	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: BN015208.D
 Acq: 30 Jun 2021 04:46

Tgt Ion:264	Resp:	54798
Ion Ratio	Lower	Upper
264	100	
260	25.1	20.6 31.0
265	23.7	21.4 32.2

