

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015205.D
 Acq On : 30 Jun 2021 02:58
 Operator : CG/JU
 Sample : M2783-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20210617

Quant Time: Jun 30 06:20:18 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)

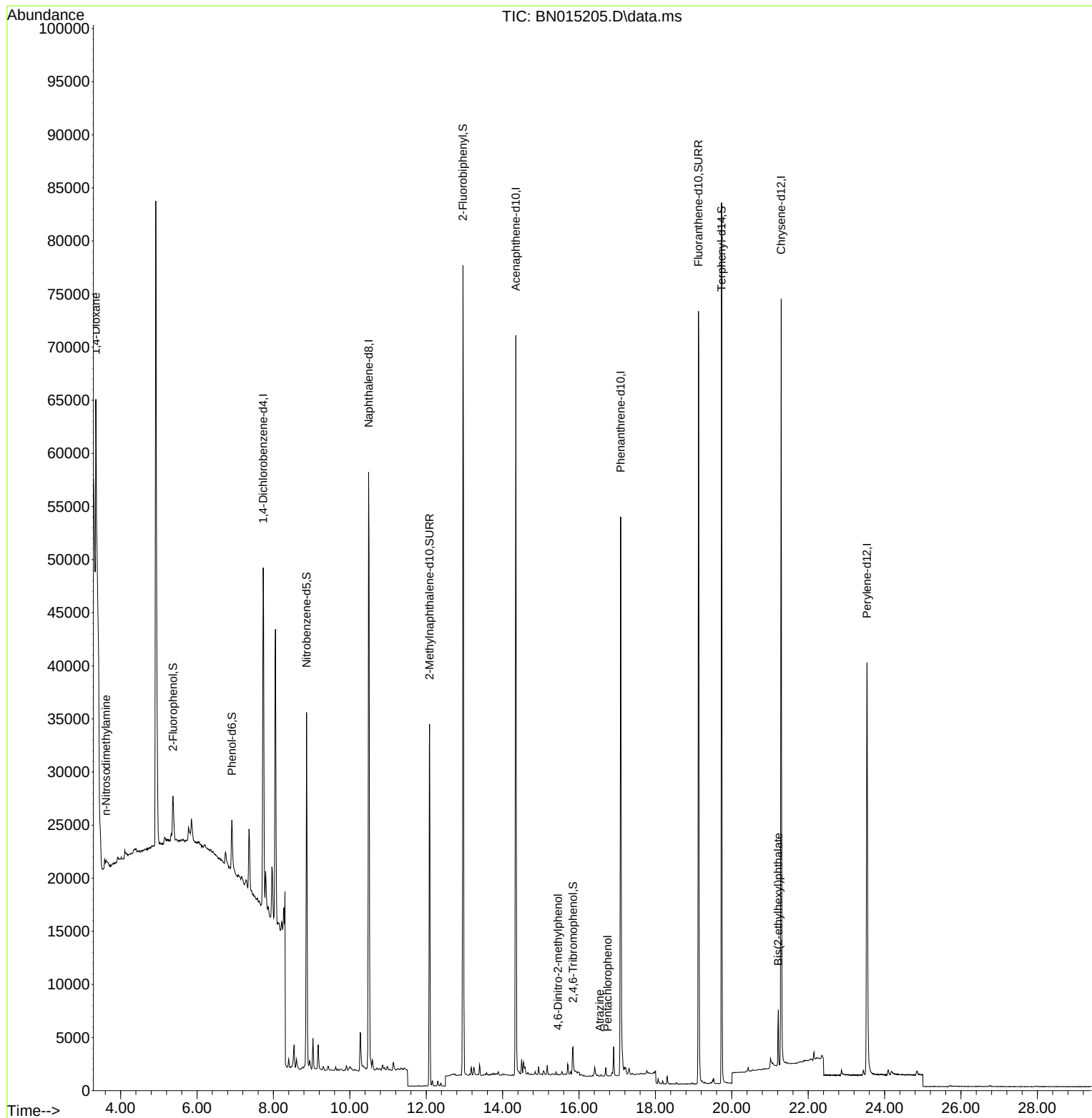
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	17344	0.40	ng	# 0.00
7) Naphthalene-d8	10.493	136	78530	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	36964	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	73985	0.40	ng	0.00
29) Chrysene-d12	21.292	240	66230	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	54980	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	5146	0.14	ng	0.03
5) Phenol-d6	6.911	99	4760	0.08	ng	0.00
8) Nitrobenzene-d5	8.870	82	27395	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	44607	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2710	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	68855	0.44	ng	-0.01
27) Fluoranthene-d10	19.128	212	84122	0.37	ng	0.00
31) Terphenyl-d14	19.734	244	78219	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	32027	6.36	ng	# 70
3) n-Nitrosodimethylamine	3.619	42	398	0.04	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.450	198	2	0.19	ng	# 1
23) Atrazine	16.544	200	20	0.17	ng	# 13
24) Pentachlorophenol	16.751	266	18	0.24	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.218	149	5136	0.30	ng	# 85

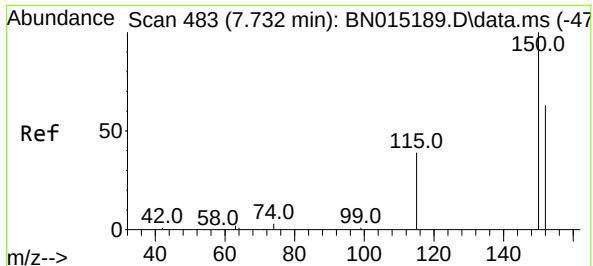
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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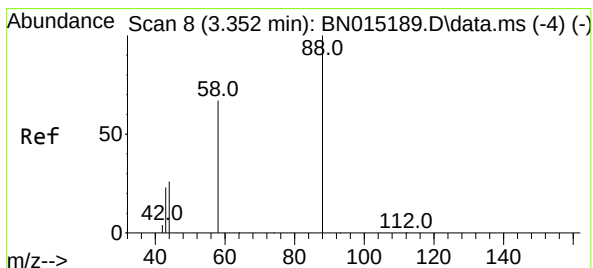
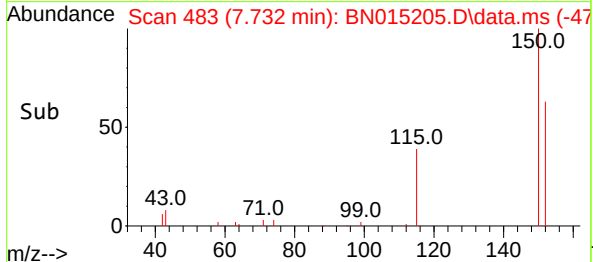
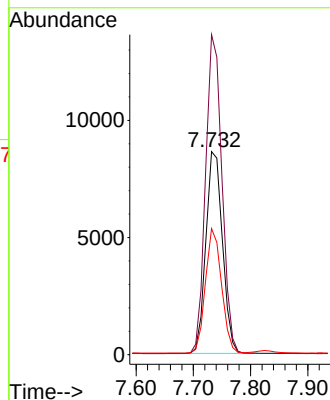
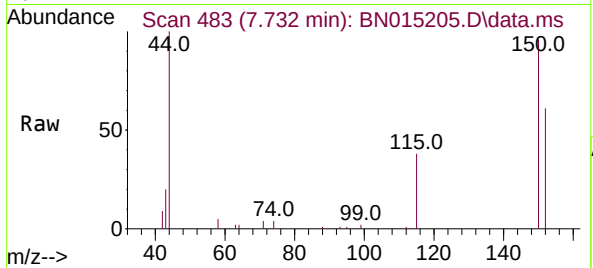




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015205.D
 Acq: 30 Jun 2021 02:58

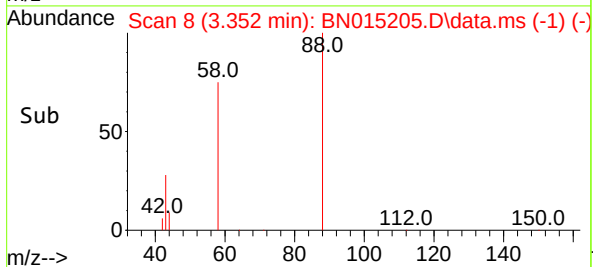
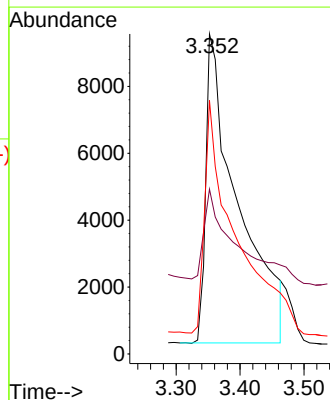
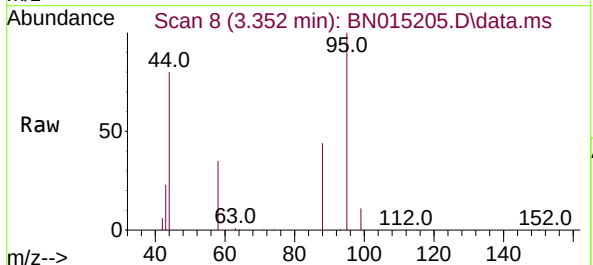
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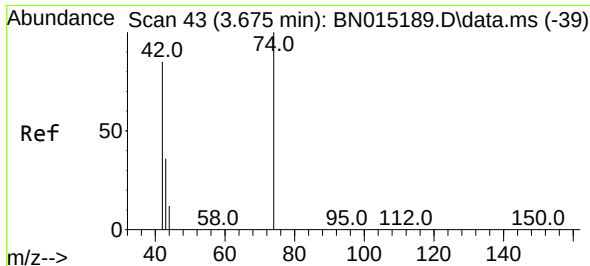
Tgt Ion: 152 Resp: 17344
 Ion Ratio Lower Upper
 152 100
 150 157.6 119.0 178.6
 115 62.1 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 6.36 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015205.D
 Acq: 30 Jun 2021 02:58

Tgt Ion: 88 Resp: 32027
 Ion Ratio Lower Upper
 88 100
 43 25.8 12.9 19.3#
 58 69.0 38.1 57.1#

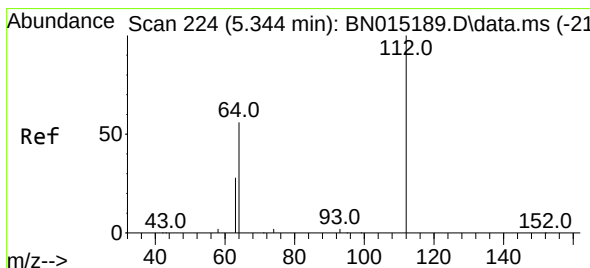
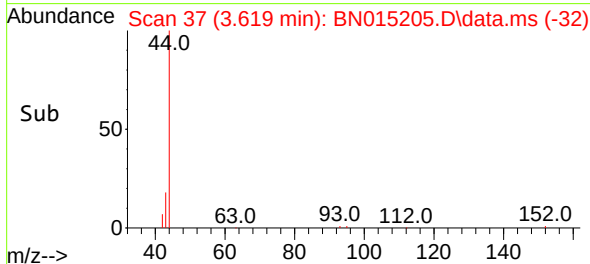
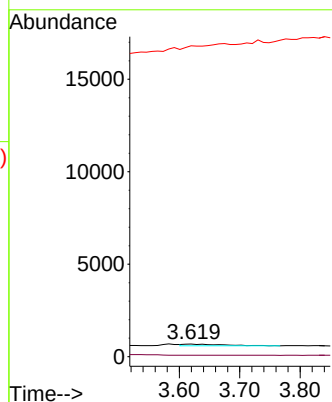
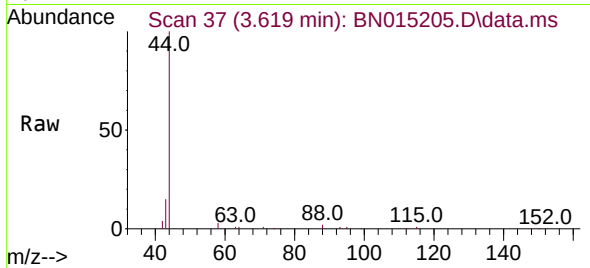




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.619 min Scan# 37
Delta R.T. -0.055 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

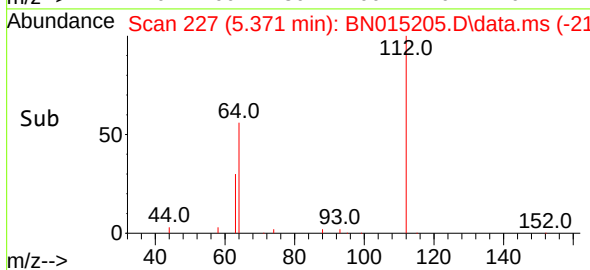
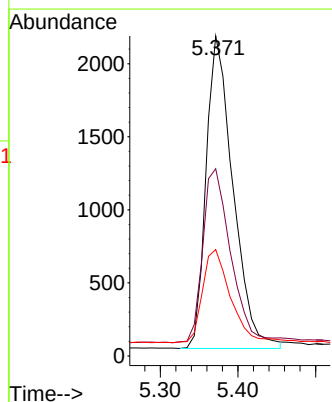
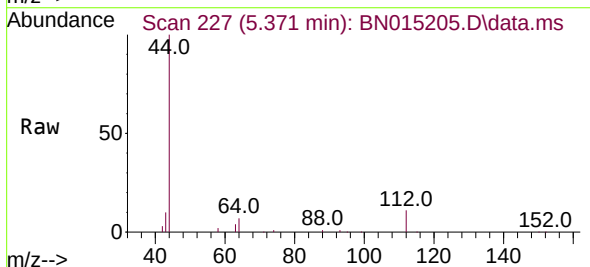
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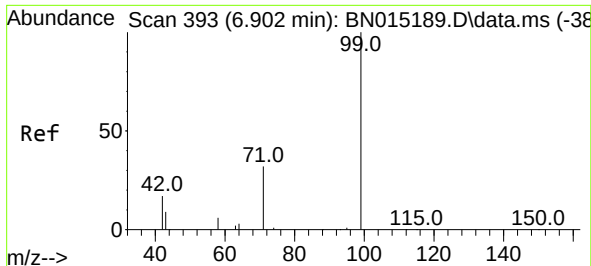
Tgt Ion: 42 Resp: 398
Ion Ratio Lower Upper
42 100
74 1.5 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.028 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion: 112 Resp: 5146
Ion Ratio Lower Upper
112 100
64 57.4 39.0 58.6
63 30.9 20.6 30.8#

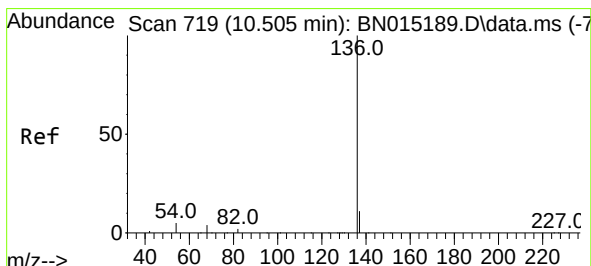
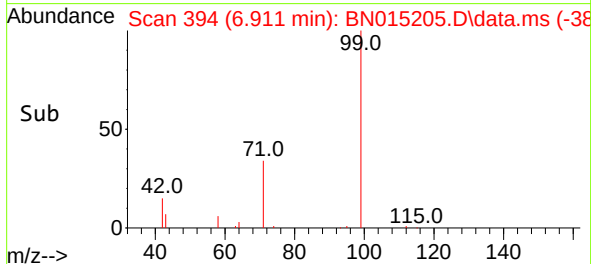
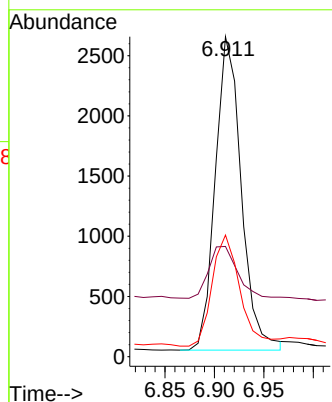
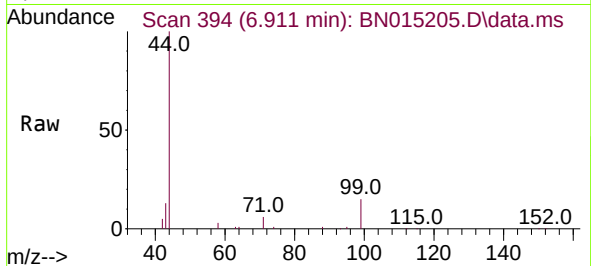




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

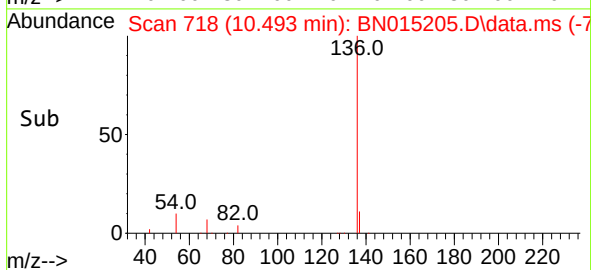
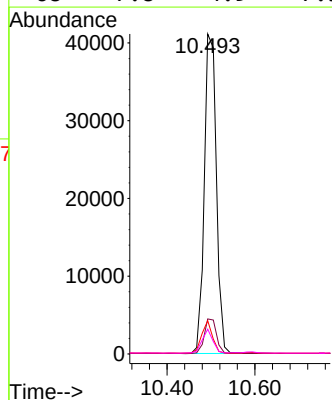
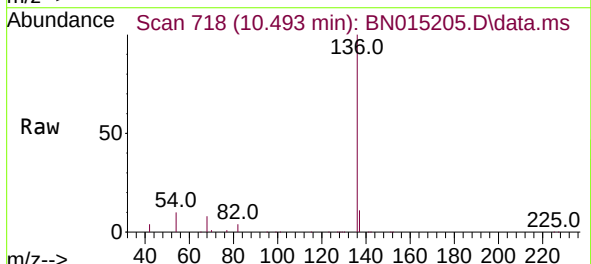
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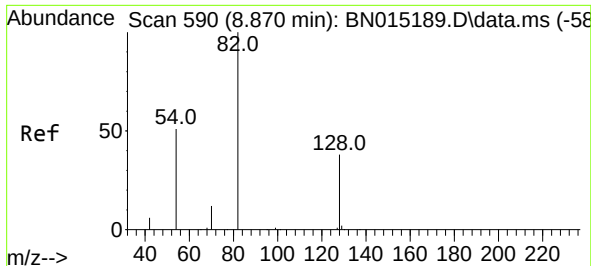
Tgt Ion: 99 Resp: 4760
Ion Ratio Lower Upper
99 100
42 18.1 8.9 13.3#
71 37.8 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.493 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion: 136 Resp: 78530
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 10.4 5.4 8.2#
68 7.8 4.9 7.3#

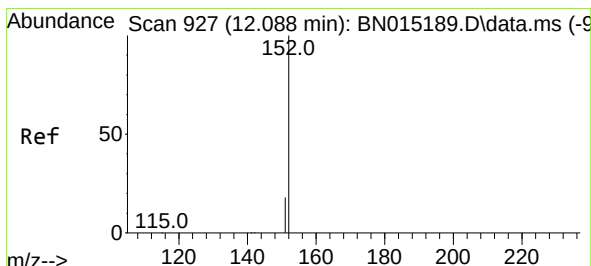
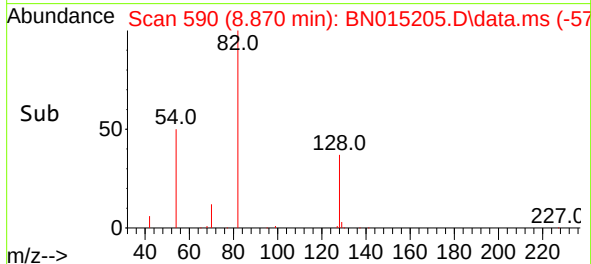
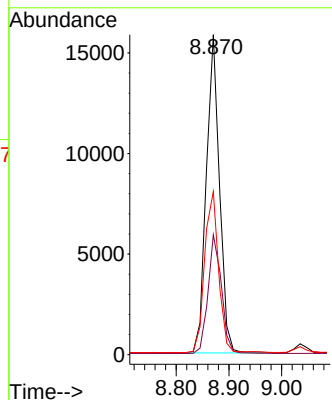
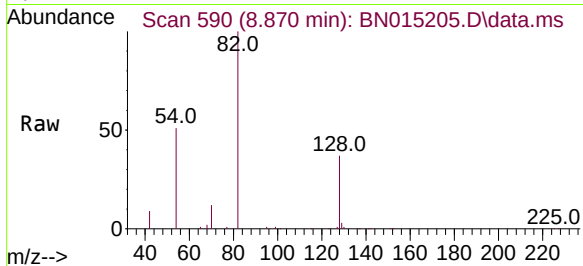




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

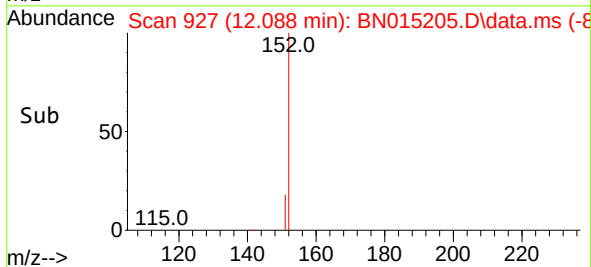
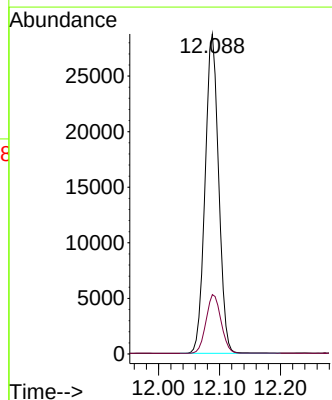
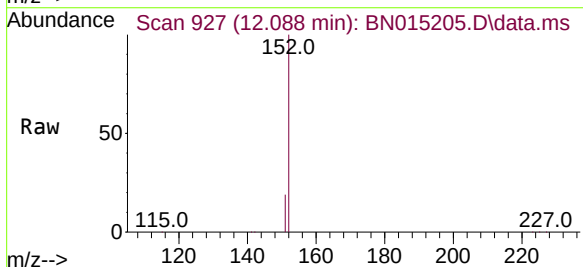
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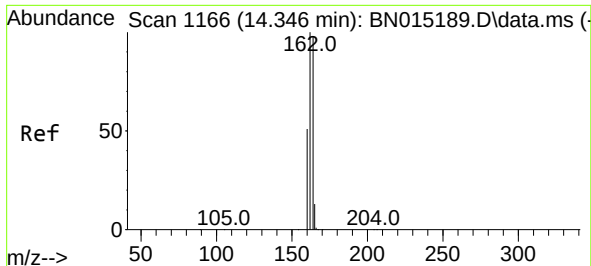
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.6	47.4
54	51.0	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1

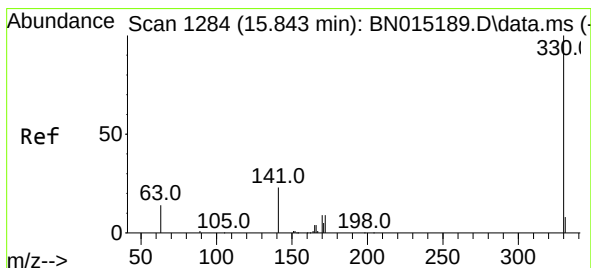
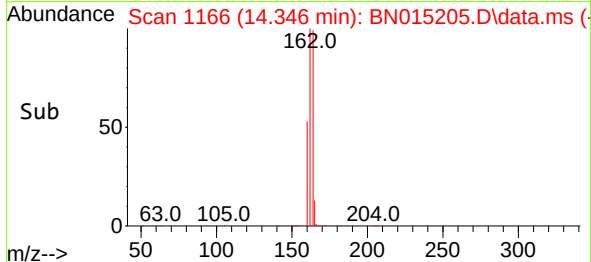
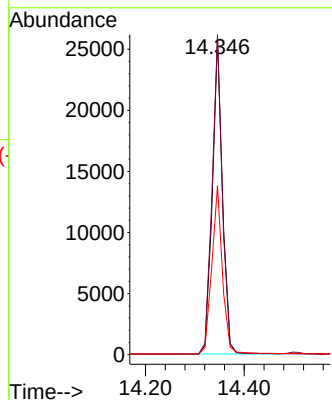
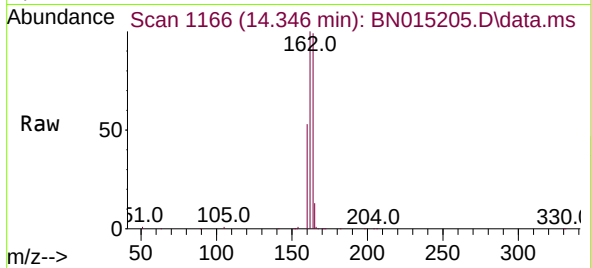




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

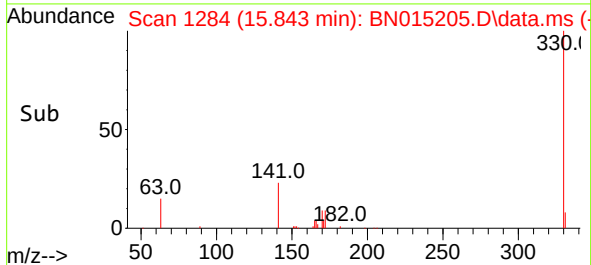
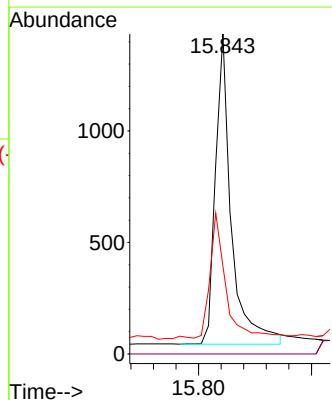
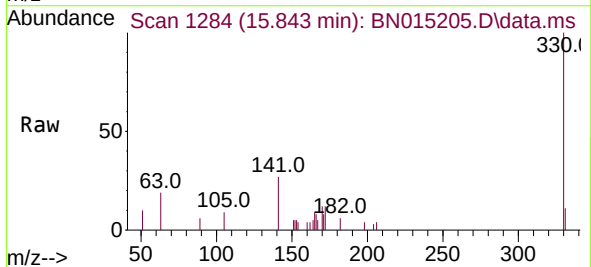
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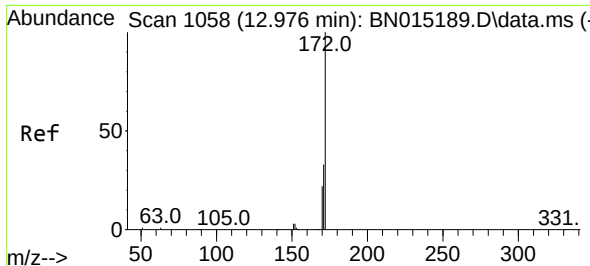
Tgt Ion:164 Resp: 36964
Ion Ratio Lower Upper
164 100
162 101.0 83.8 125.6
160 53.3 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion:330 Resp: 2710
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.7 22.4 33.6#

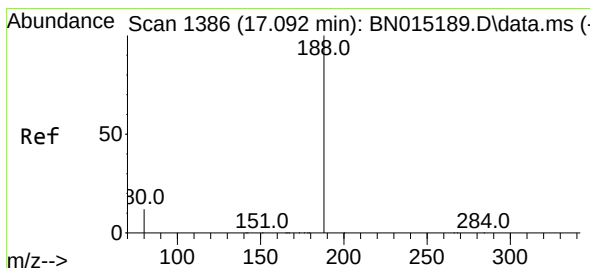
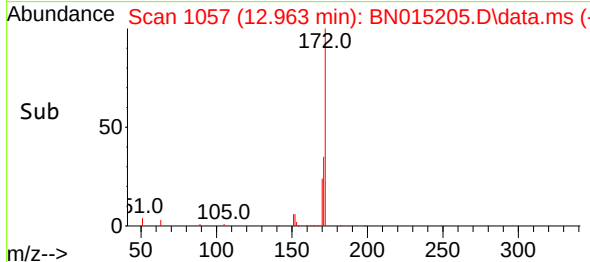
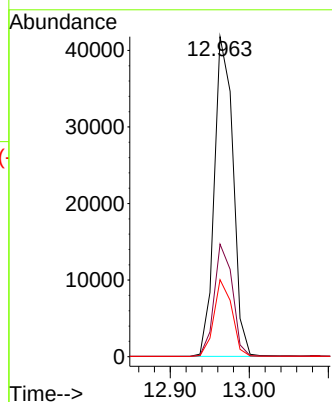
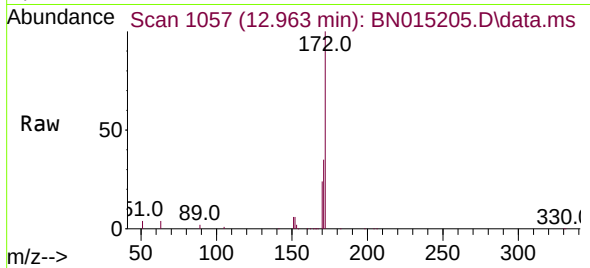




#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

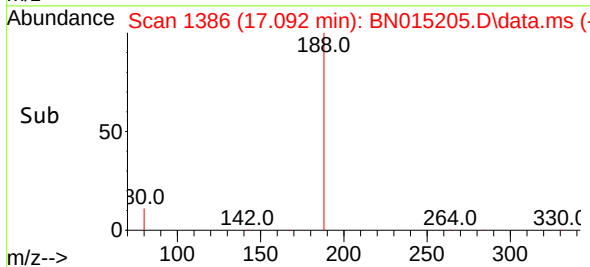
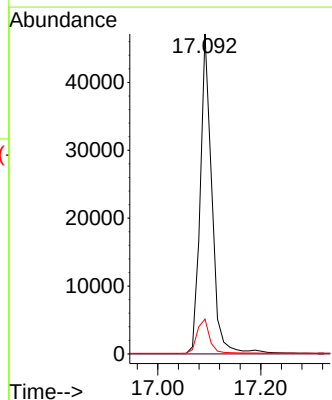
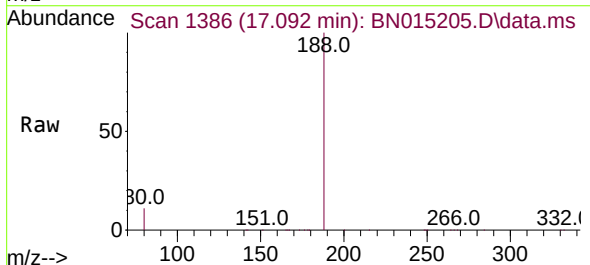
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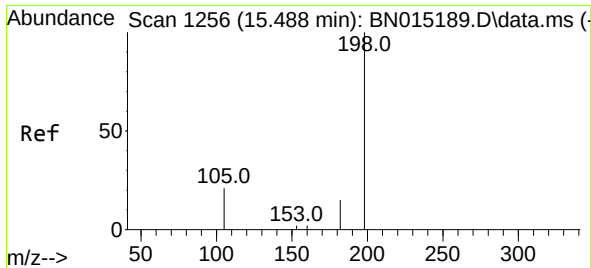
Tgt Ion:172	Resp:	68855
Ion Ratio	Lower	Upper
172	100	
171	35.1	30.6 45.8
170	24.1	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion:188	Resp:	73985
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.9	9.0 13.4

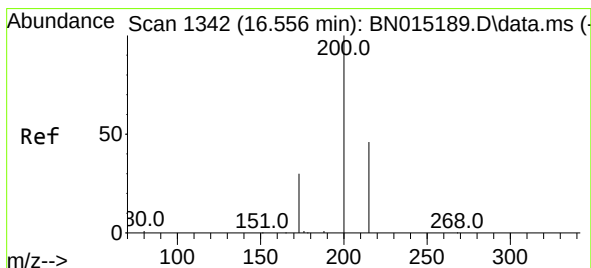
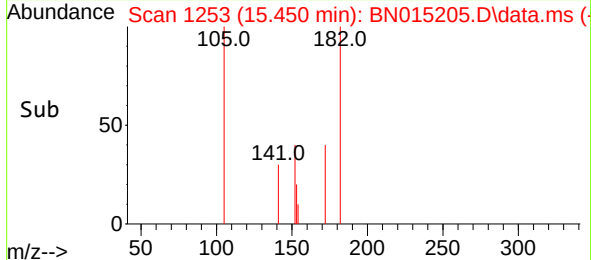
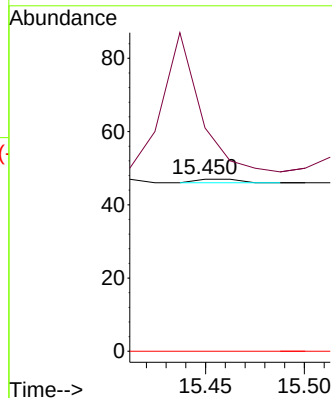
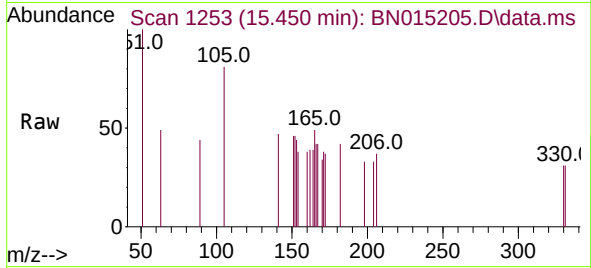




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.450 min Scan# 1253
Delta R.T. -0.038 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

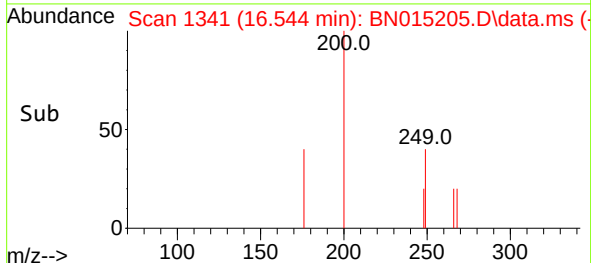
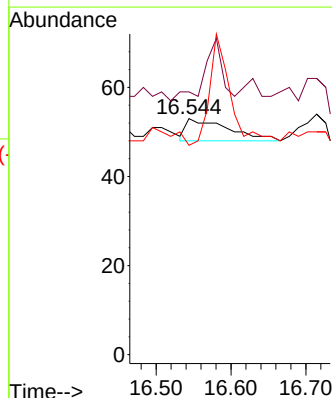
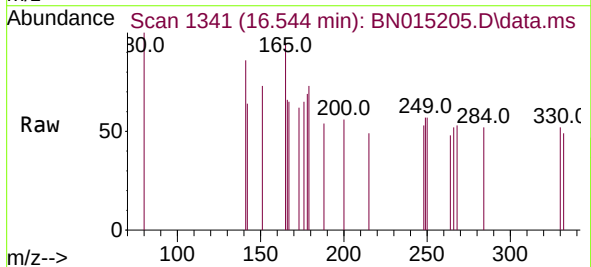
Instrument :
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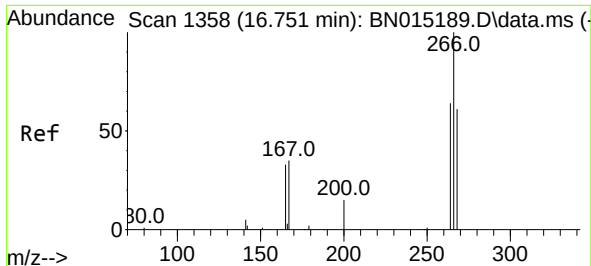
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 129.8 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.544 min Scan# 1341
Delta R.T. -0.012 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion:200 Resp: 20
Ion Ratio Lower Upper
200 100
173 111.3 21.7 32.5#
215 88.7 43.1 64.7#

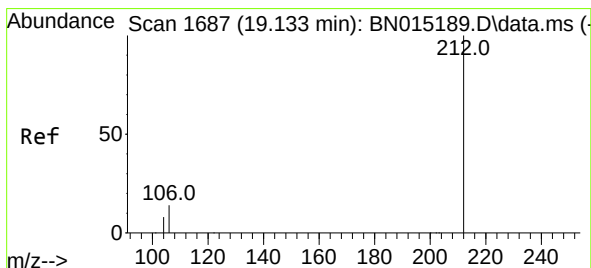
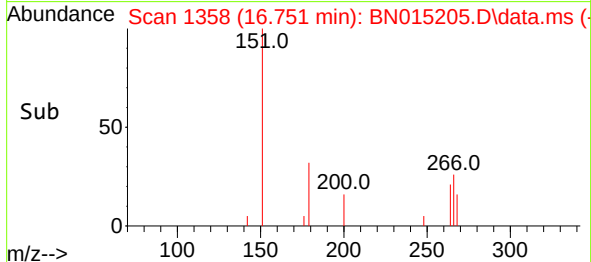
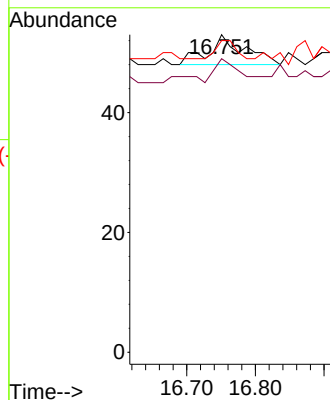
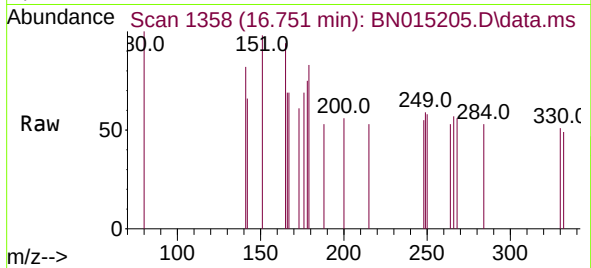




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

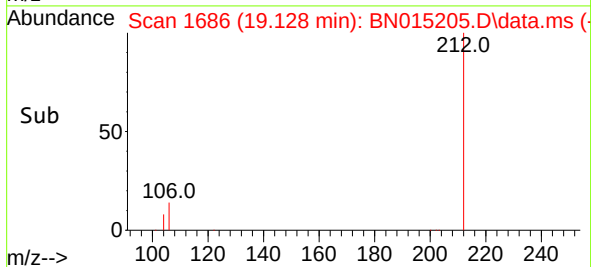
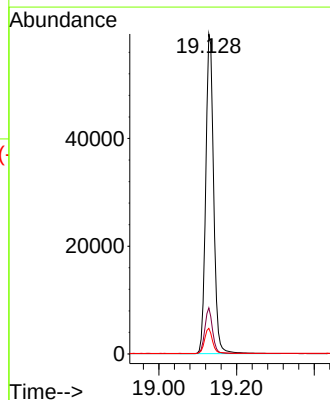
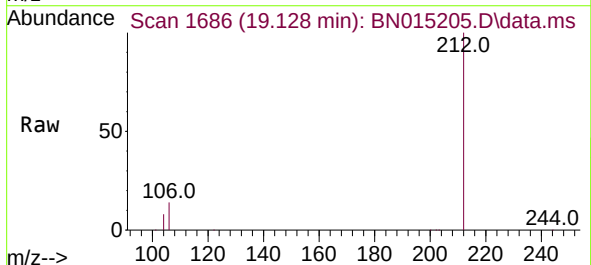
Instrument :
BNA_N
ClientSampleId :
RE114D2-20210617

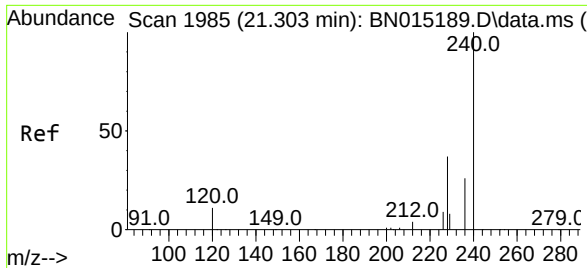
Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 50.0 51.0 76.4#
268 33.3 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion:212 Resp: 84122
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.9 4.1 6.1#

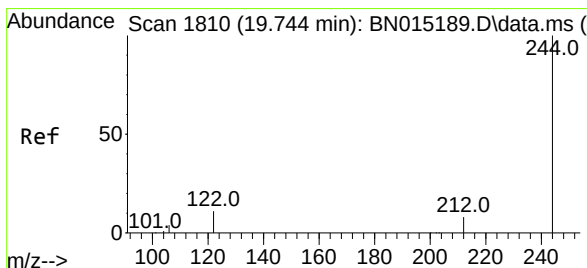
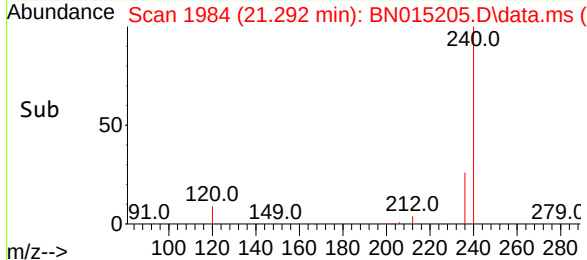
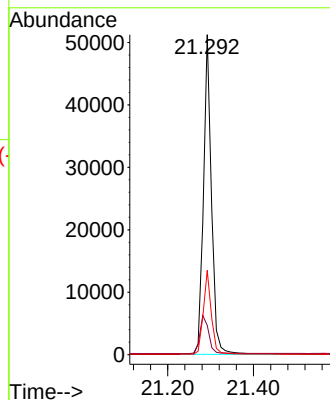
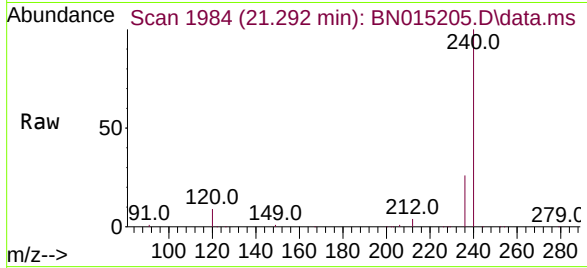




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

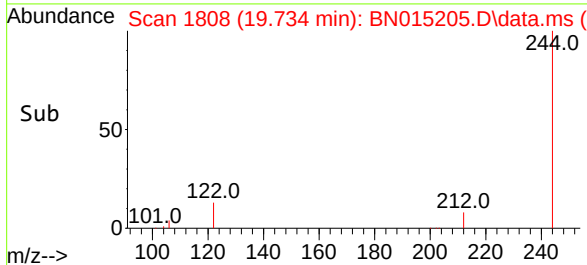
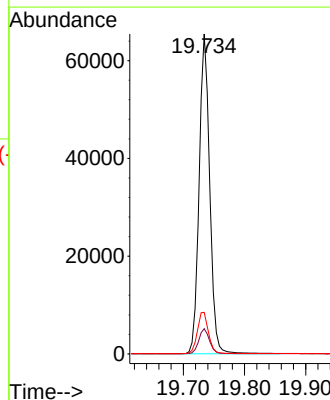
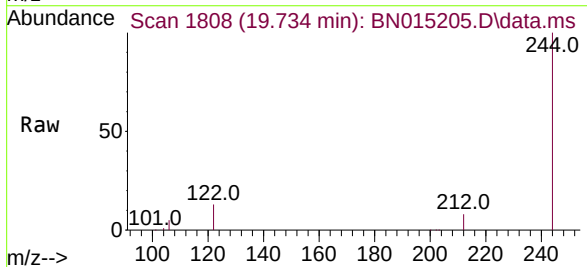
Instrument :
BNA_N
ClientSampleId :
RE114D2-20210617

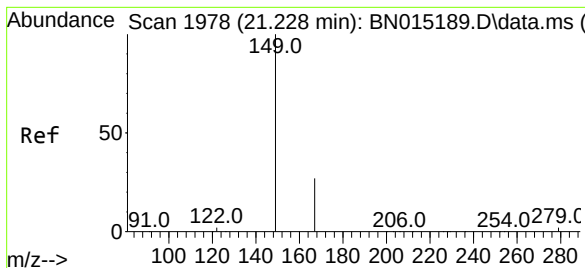
Tgt Ion:240 Resp: 66230
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.4#
236 26.4 21.4 32.2



#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015205.D
Acq: 30 Jun 2021 02:58

Tgt Ion:244 Resp: 78219
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 13.0 6.2 9.2#

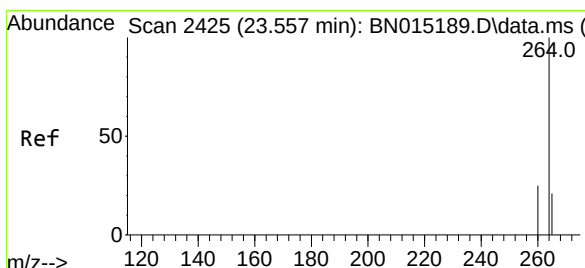
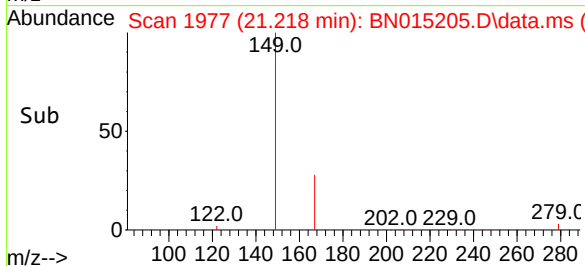
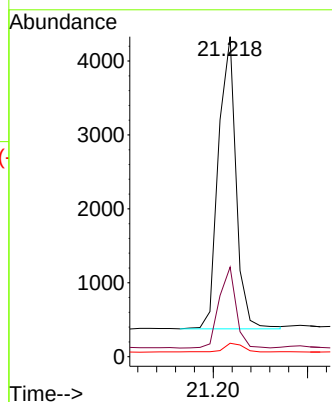
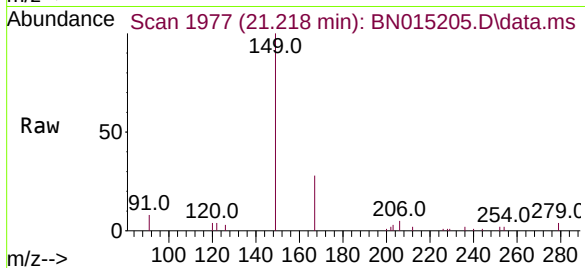




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.218 min Scan# 1977
 Delta R.T. -0.010 min
 Lab File: BN015205.D
 Acq: 30 Jun 2021 02:58

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20210617

Tgt Ion:149 Resp: 5136
 Ion Ratio Lower Upper
 149 100
 167 26.5 28.9 43.3#
 279 3.2 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.017 min
 Lab File: BN015205.D
 Acq: 30 Jun 2021 02:58

Tgt Ion:264 Resp: 54980
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 23.2 21.4 32.2

