

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015213.D
 Acq On : 30 Jun 2021 07:45
 Operator : CG/JU
 Sample : M2783-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210618

Quant Time: Jun 30 08:37:56 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)

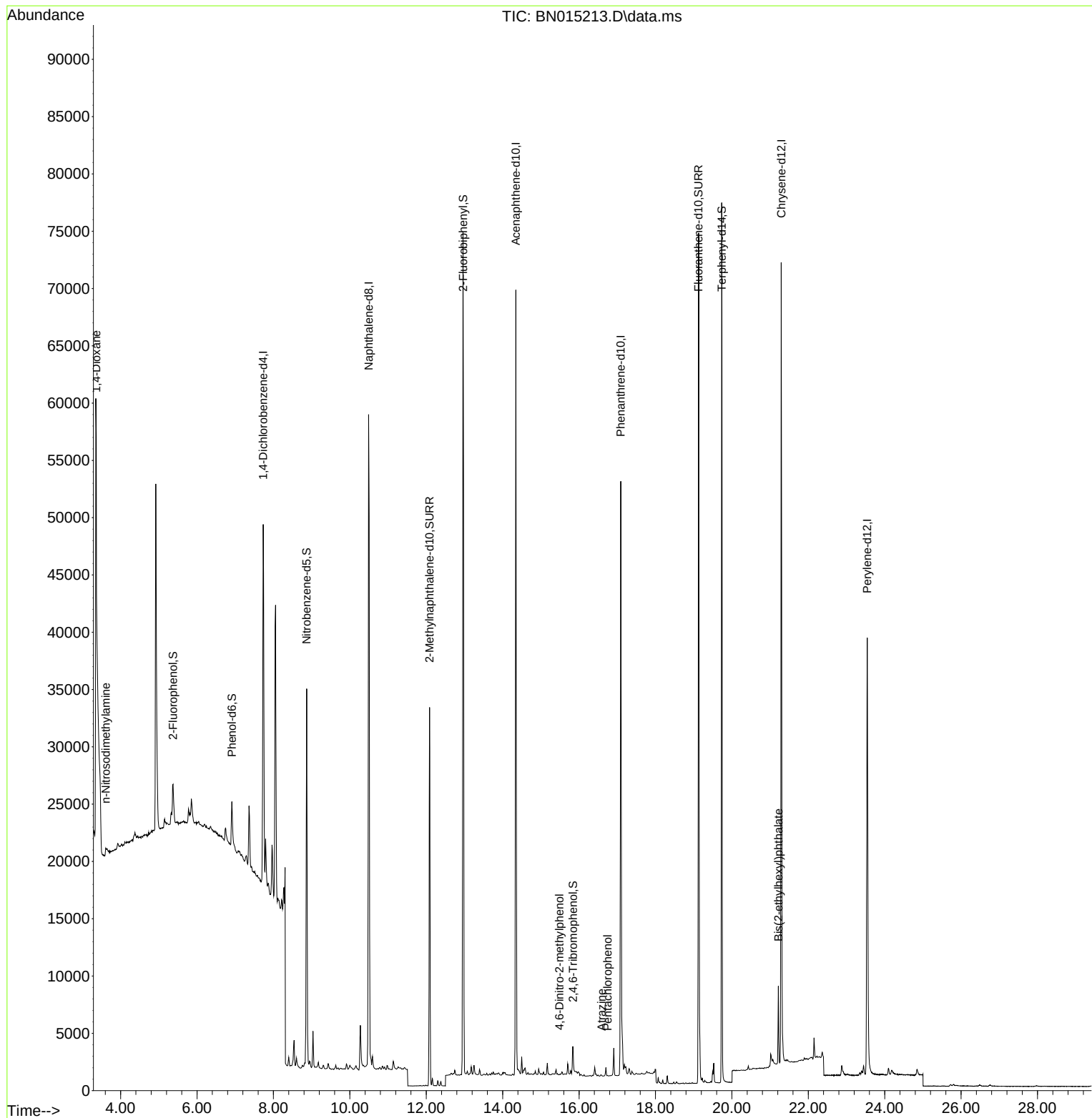
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	17402	0.40	ng	# 0.00
7) Naphthalene-d8	10.492	136	79339	0.40	ng	#-0.01
13) Acenaphthene-d10	14.345	164	36163	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	70465	0.40	ng	0.00
29) Chrysene-d12	21.292	240	65421	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	53926	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	4184	0.11	ng	0.03
5) Phenol-d6	6.911	99	3902	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	27312	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	43213	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2508	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	64606	0.43	ng	-0.01
27) Fluoranthene-d10	19.128	212	83741	0.39	ng	0.00
31) Terphenyl-d14	19.734	244	73597	0.51	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.361	88	57029	11.29	ng	# 69
3) n-Nitrosodimethylamine	3.610	42	396	0.04	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.487	198	1	0.19	ng	# 4
23) Atrazine	16.592	200	19	0.17	ng	# 1
24) Pentachlorophenol	16.750	266	15	0.24	ng	96
34) Bis(2-ethylhexyl)phtha...	21.217	149	5939	0.31	ng	# 85

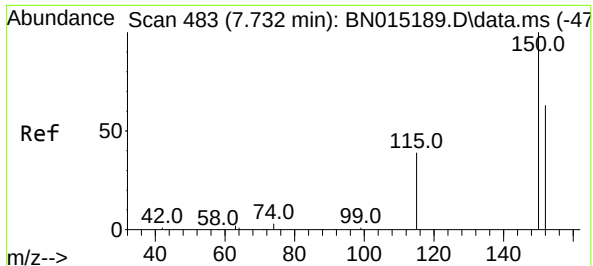
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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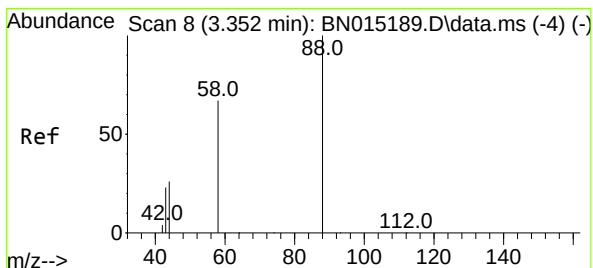
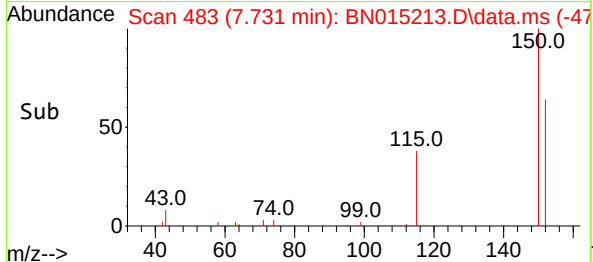
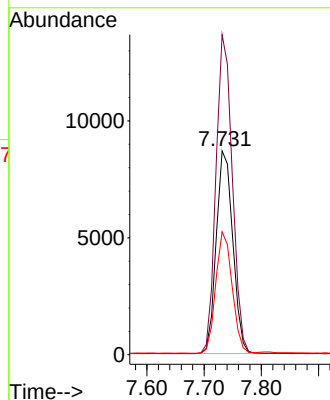
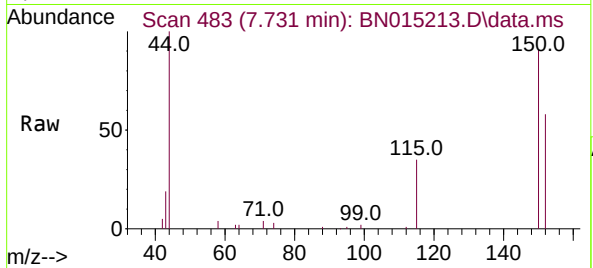




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.731 min Scan# 483
Delta R.T. -0.001 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

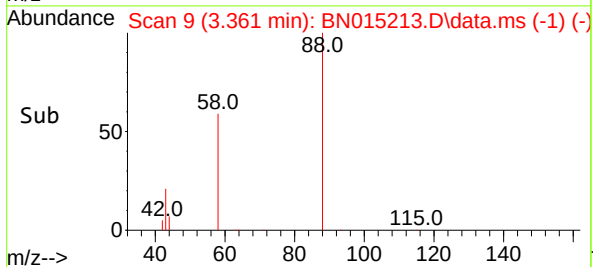
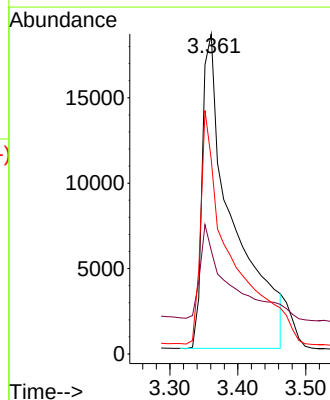
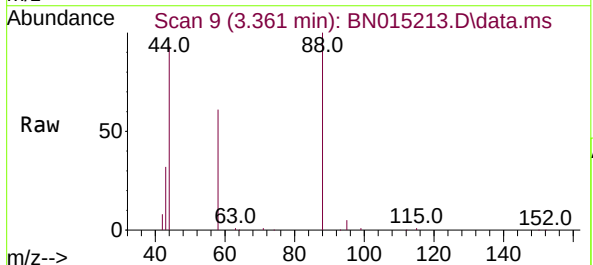
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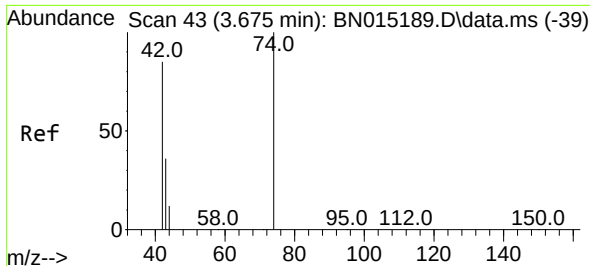
Tgt Ion:152 Resp: 17402
Ion Ratio Lower Upper
152 100
150 157.0 119.0 178.6
115 60.3 62.2 93.4#



#2
1,4-Dioxane
Concen: 11.29 ng
RT: 3.361 min Scan# 9
Delta R.T. 0.009 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion: 88 Resp: 57029
Ion Ratio Lower Upper
88 100
43 26.9 12.9 19.3#
58 69.4 38.1 57.1#

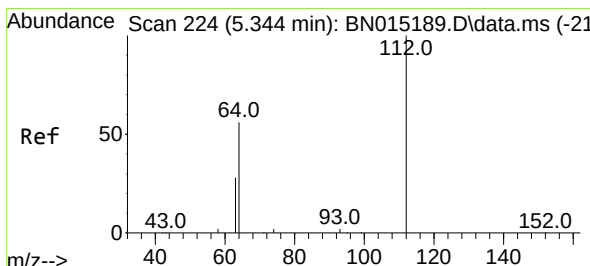
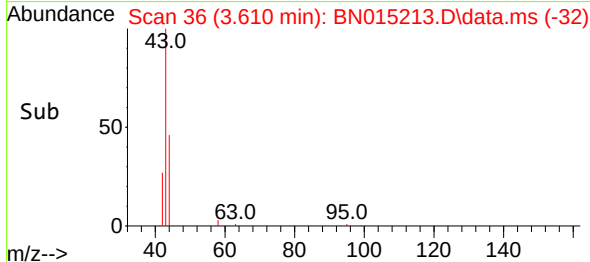
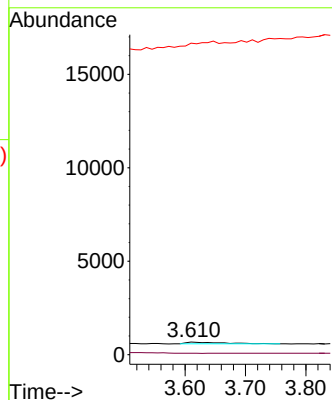
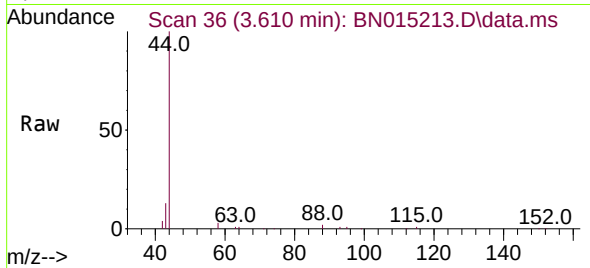




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.610 min Scan# 36
Delta R.T. -0.065 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

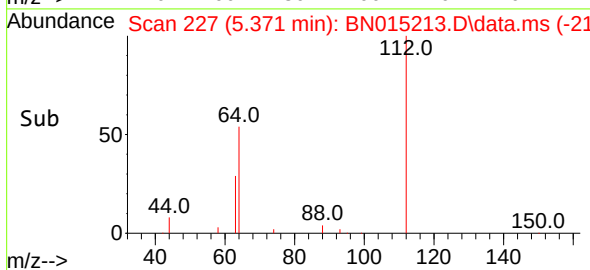
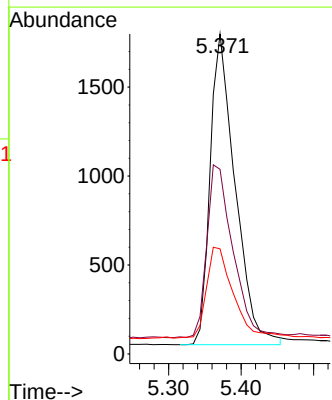
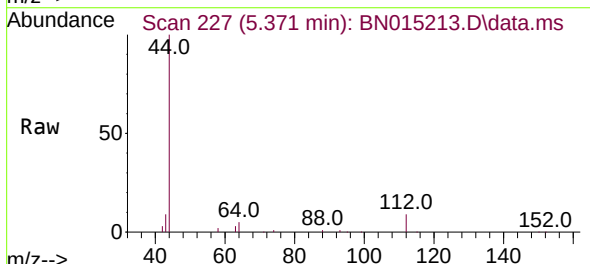
Instrument :
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ClientSampleId :
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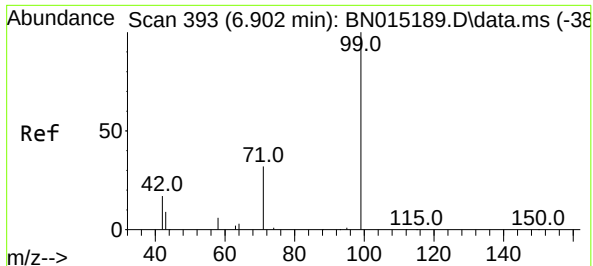
Tgt Ion: 42 Resp: 396
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.027 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion: 112 Resp: 4184
Ion Ratio Lower Upper
112 100
64 57.8 39.0 58.6
63 31.2 20.6 30.8#

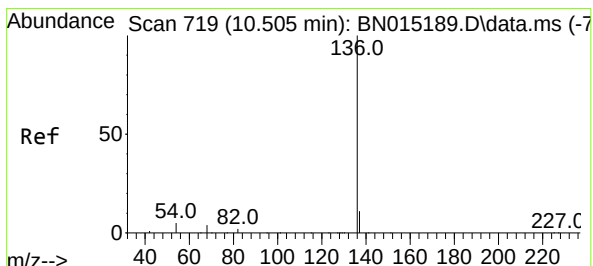
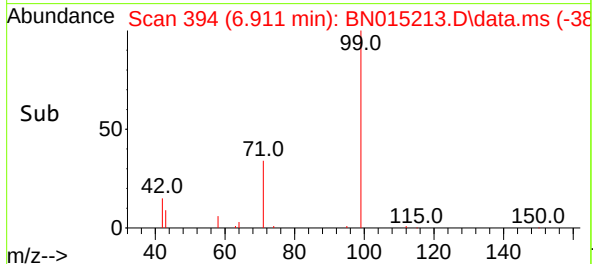
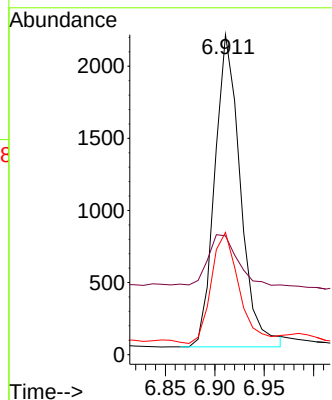
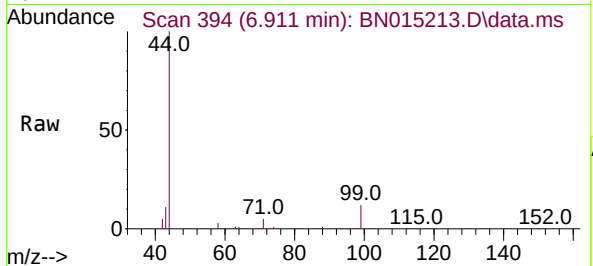




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

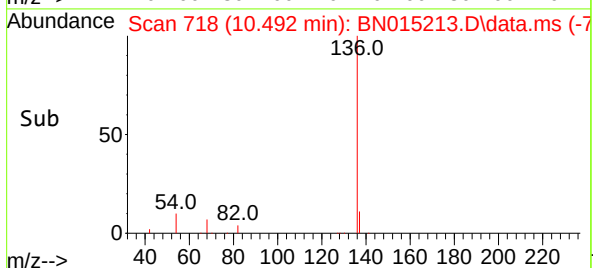
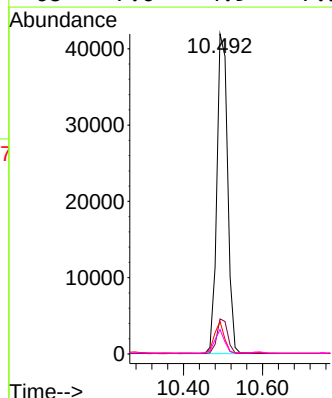
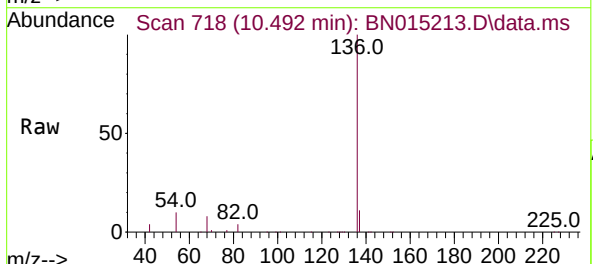
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210618

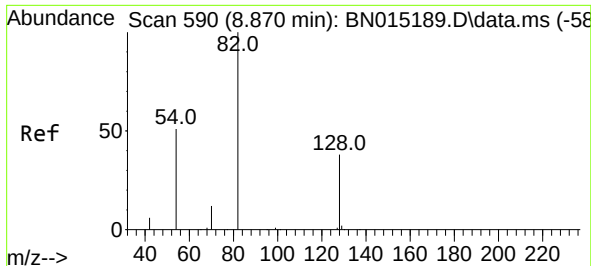
Tgt Ion: 99 Resp: 3902
Ion Ratio Lower Upper
99 100
42 18.2 8.9 13.3#
71 38.6 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion: 136 Resp: 79339
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 10.2 5.4 8.2#
68 7.6 4.9 7.3#

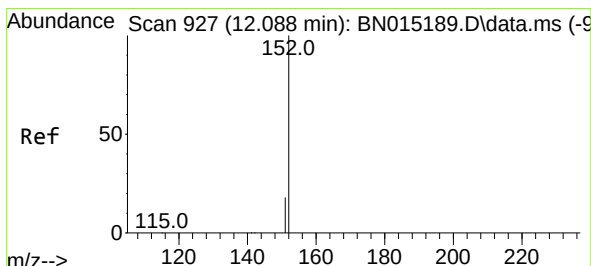
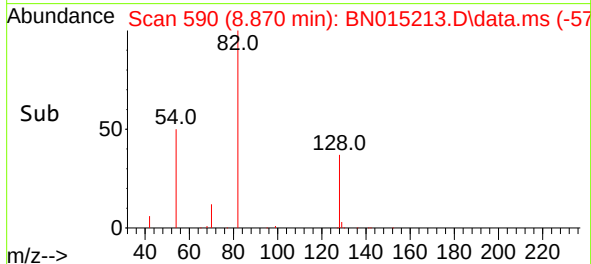
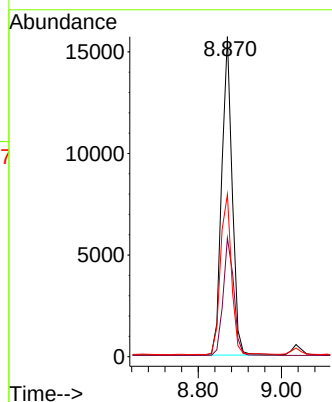
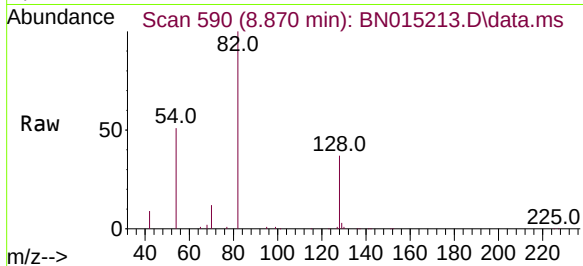




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

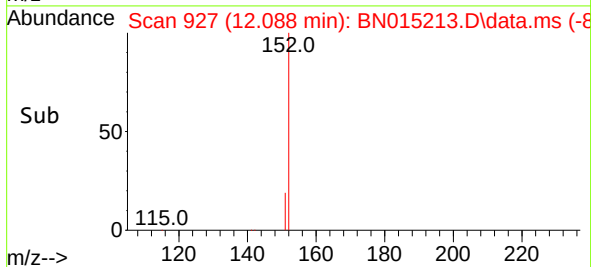
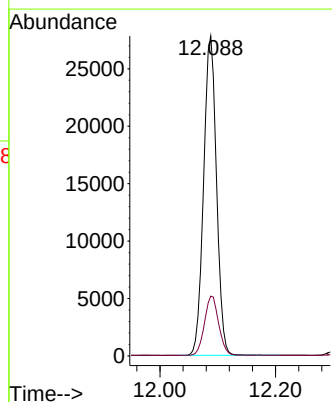
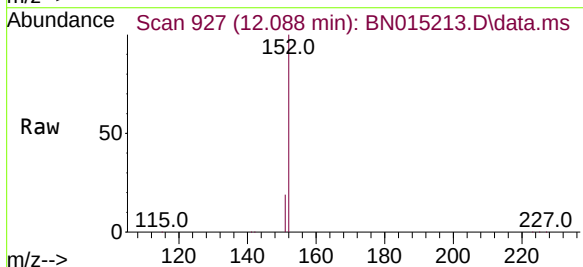
Instrument :
BNA_N
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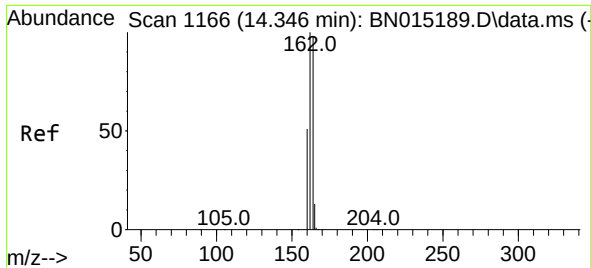
Tgt Ion: 82 Resp: 27312
Ion Ratio Lower Upper
82 100
128 37.1 31.6 47.4
54 50.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion: 152 Resp: 43213
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

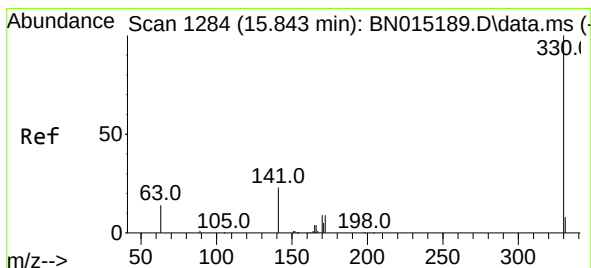
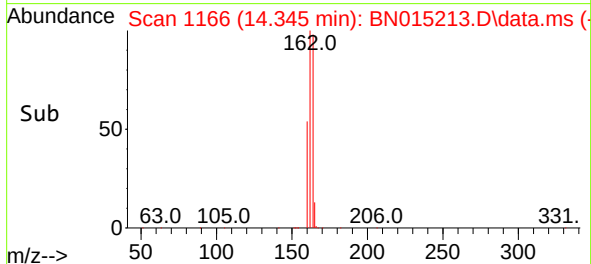
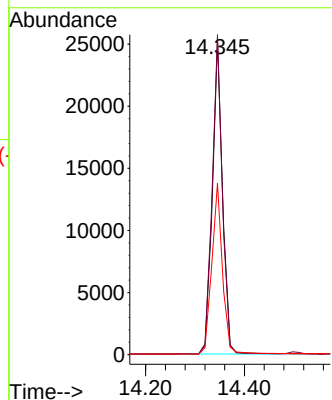
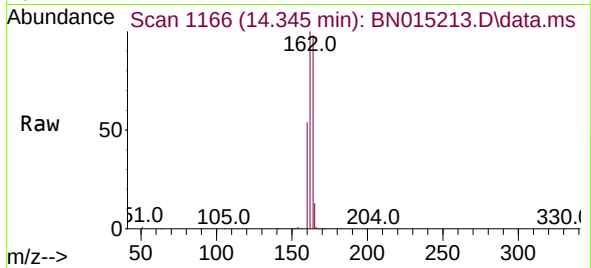




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1166
Delta R.T. -0.001 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

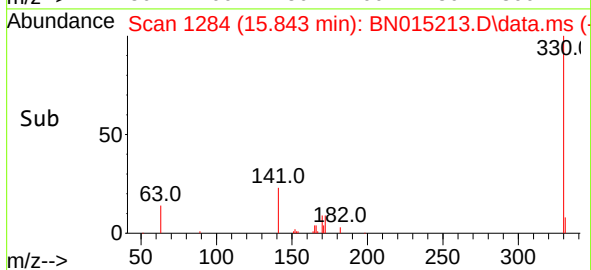
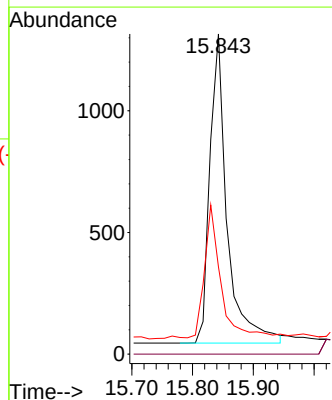
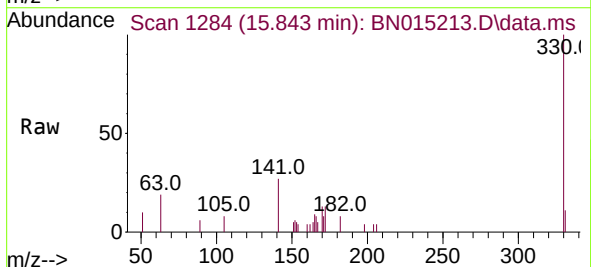
Instrument :
BNA_N
ClientSampleId :
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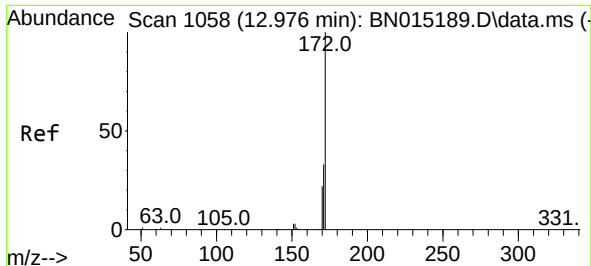
Tgt Ion:164 Resp: 36163
Ion Ratio Lower Upper
164 100
162 101.8 83.8 125.6
160 54.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion:330 Resp: 2508
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 22.4 33.6#

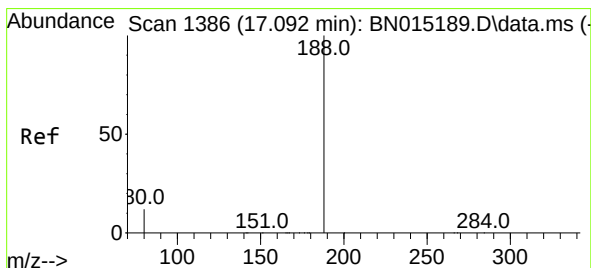
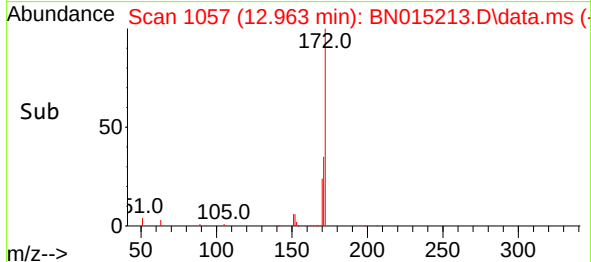
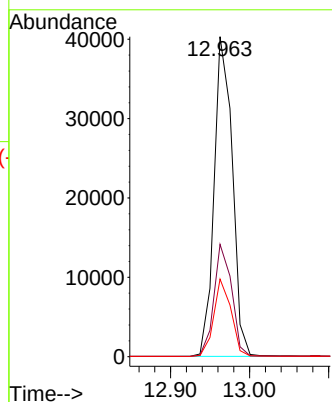
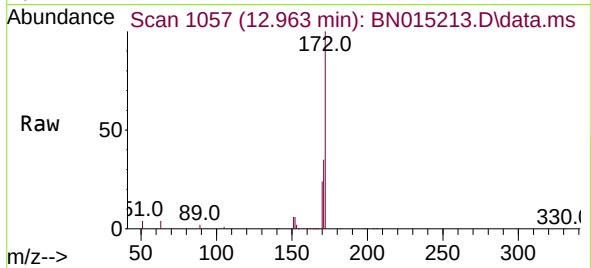




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

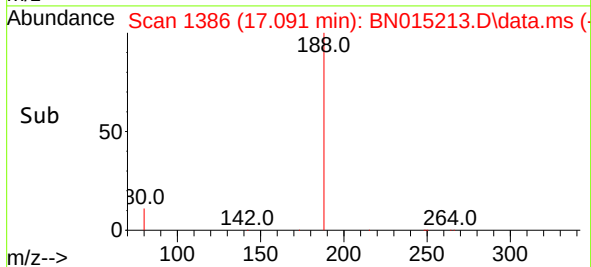
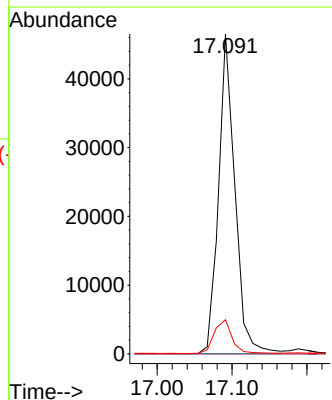
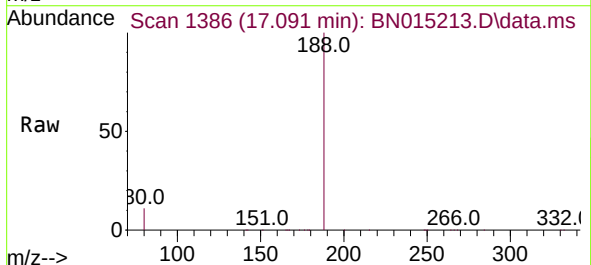
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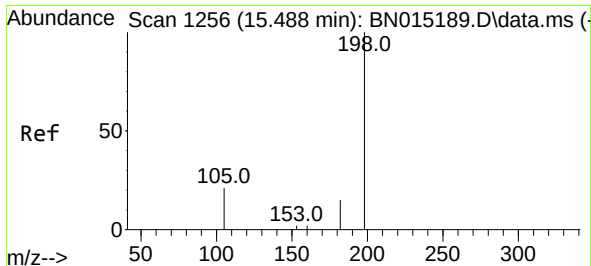
Tgt Ion:172	Resp:	64606
Ion Ratio	Lower	Upper
172	100	
171	35.1	30.6 45.8
170	24.3	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion:188	Resp:	70465
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.7	9.0 13.4

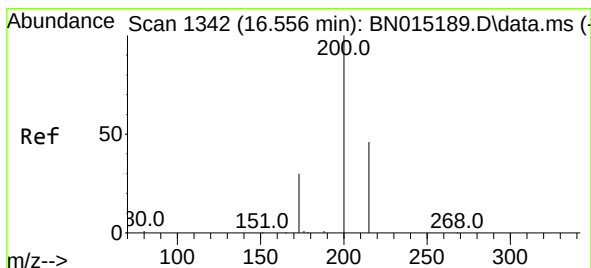
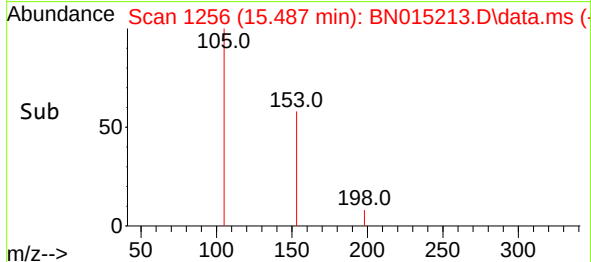
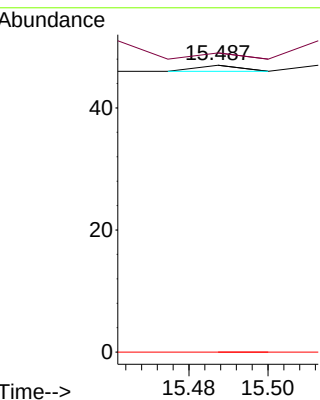
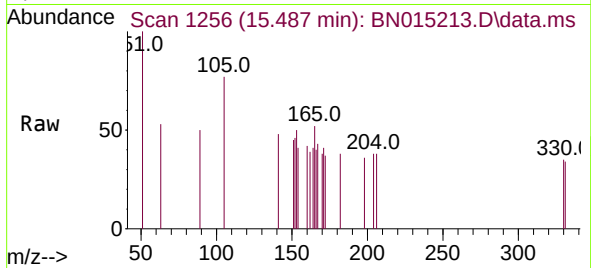




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.487 min Scan# 1256
Delta R.T. -0.001 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

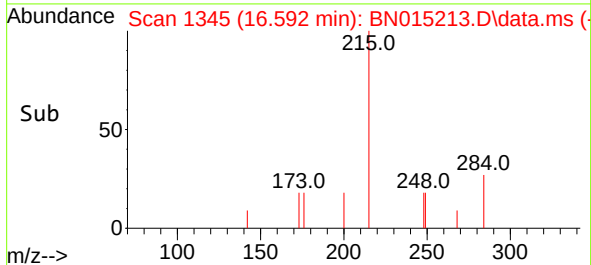
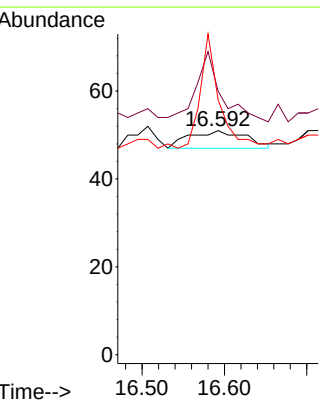
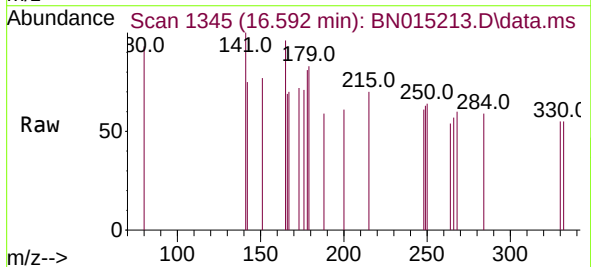
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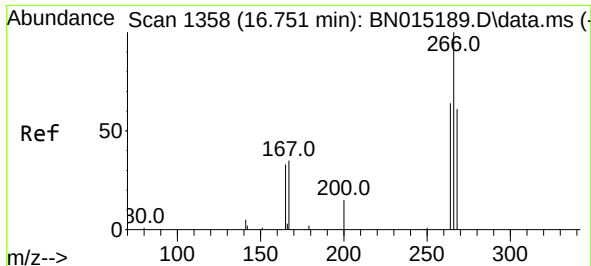
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.3 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.592 min Scan# 1345
Delta R.T. 0.036 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion:200 Resp: 19
Ion Ratio Lower Upper
200 100
173 117.6 21.7 32.5#
215 113.7 43.1 64.7#

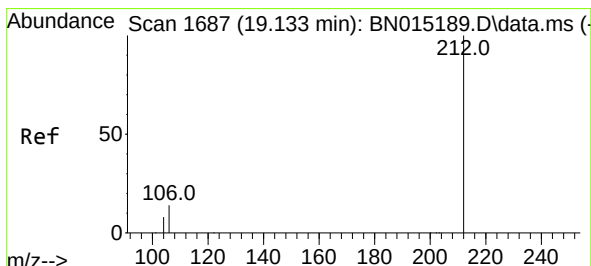
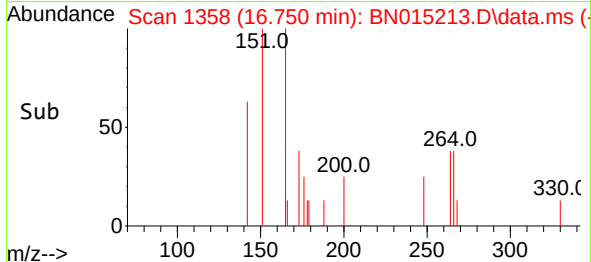
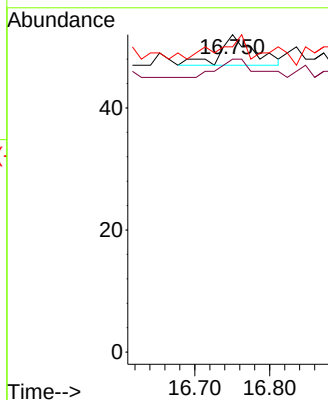
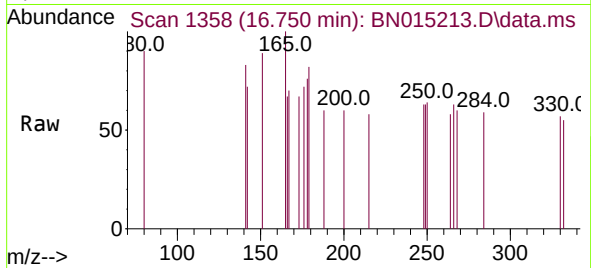




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.750 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

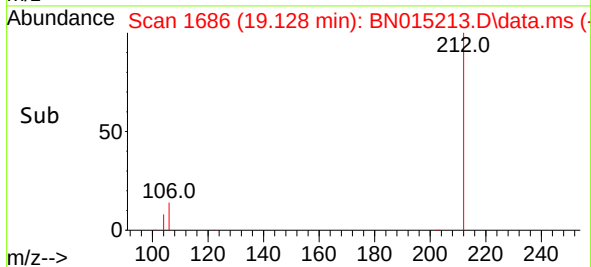
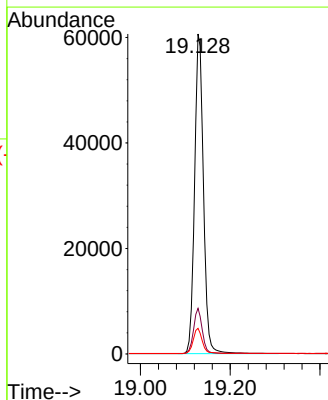
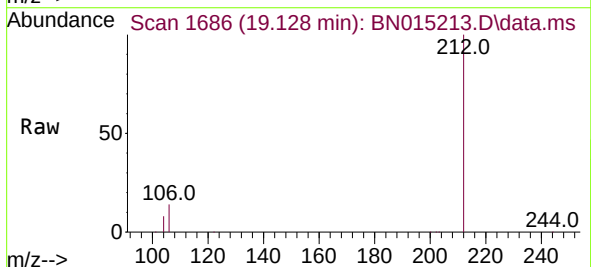
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210618

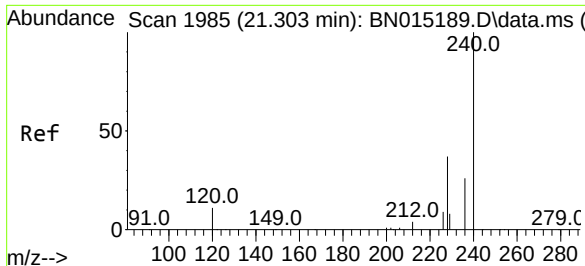
Tgt Ion:	266	Resp:	15
Ion Ratio	Lower	Upper	
266	100		
264	66.7	51.0	76.4
268	60.0	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion:	212	Resp:	83741
Ion Ratio	Lower	Upper	
212	100		
106	13.8	7.0	10.6#
104	7.9	4.1	6.1#

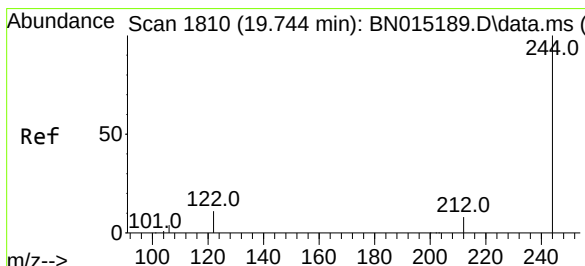
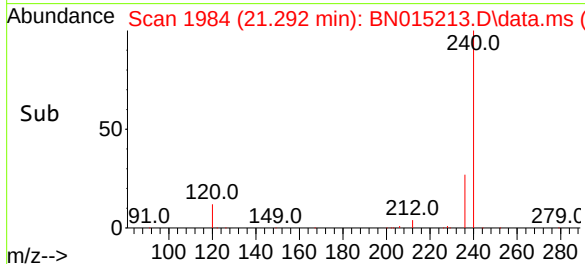
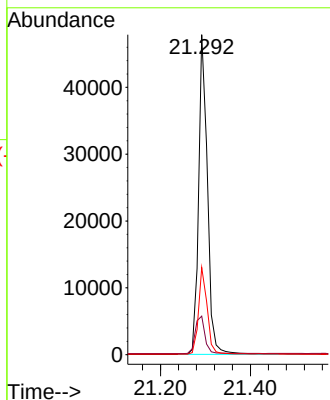
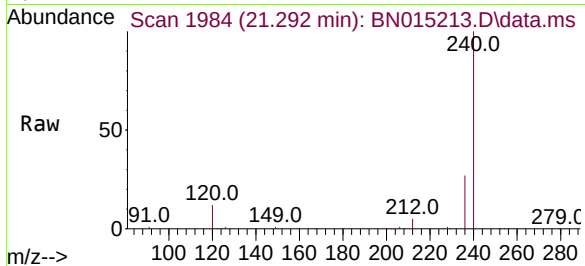




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

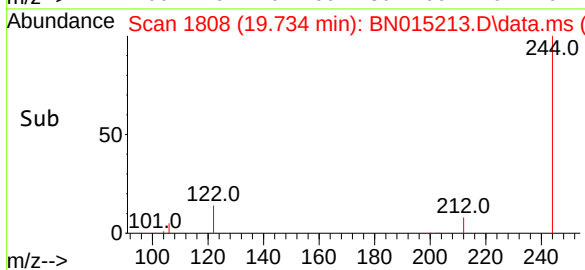
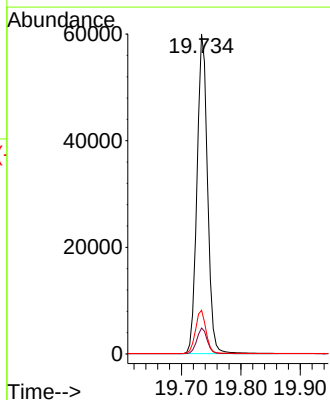
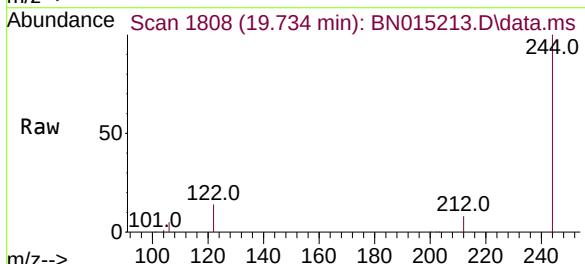
Instrument :
BNA_N
ClientSampleId :
RE132D2-20210618

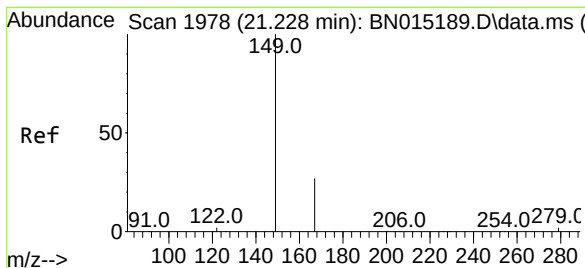
Tgt Ion:240 Resp: 65421
Ion Ratio Lower Upper
240 100
120 12.0 4.2 6.4#
236 27.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015213.D
Acq: 30 Jun 2021 07:45

Tgt Ion:244 Resp: 73597
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 13.7 6.2 9.2#

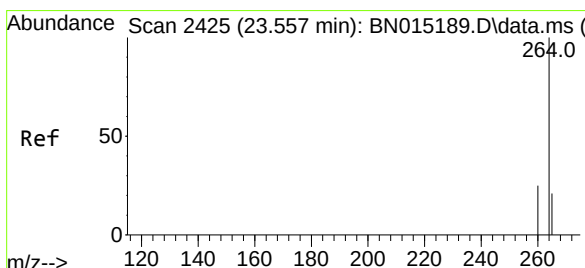
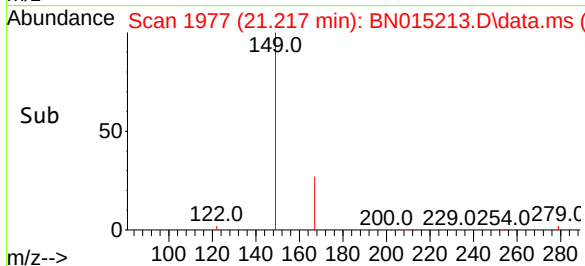
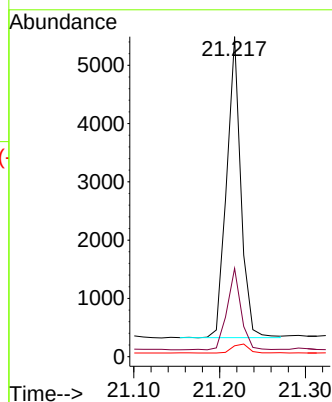
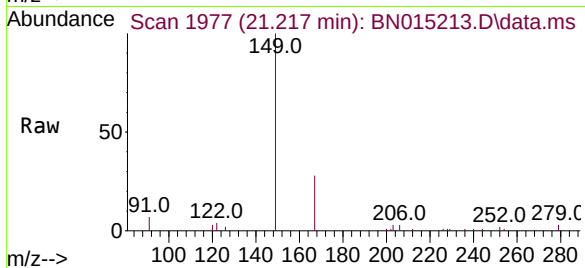




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.217 min Scan# 1977
 Delta R.T. -0.011 min
 Lab File: BN015213.D
 Acq: 30 Jun 2021 07:45

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20210618

Tgt Ion:	149	Resp:	5939
Ion Ratio	Lower	Upper	
149	100		
167	26.4	28.9	43.3#
279	3.4	4.9	7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.543 min Scan# 2421
 Delta R.T. -0.014 min
 Lab File: BN015213.D
 Acq: 30 Jun 2021 07:45

Tgt Ion:	264	Resp:	53926
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.6	31.0
265	23.8	21.4	32.2

