

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
 Data File : BN015586.D
 Acq On : 15 Jul 2021 19:39
 Operator : CG/JU
 Sample : M2799-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-8

Quant Time: Jul 16 01:16:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 15:46:51 2021
 Response via : Initial Calibration

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

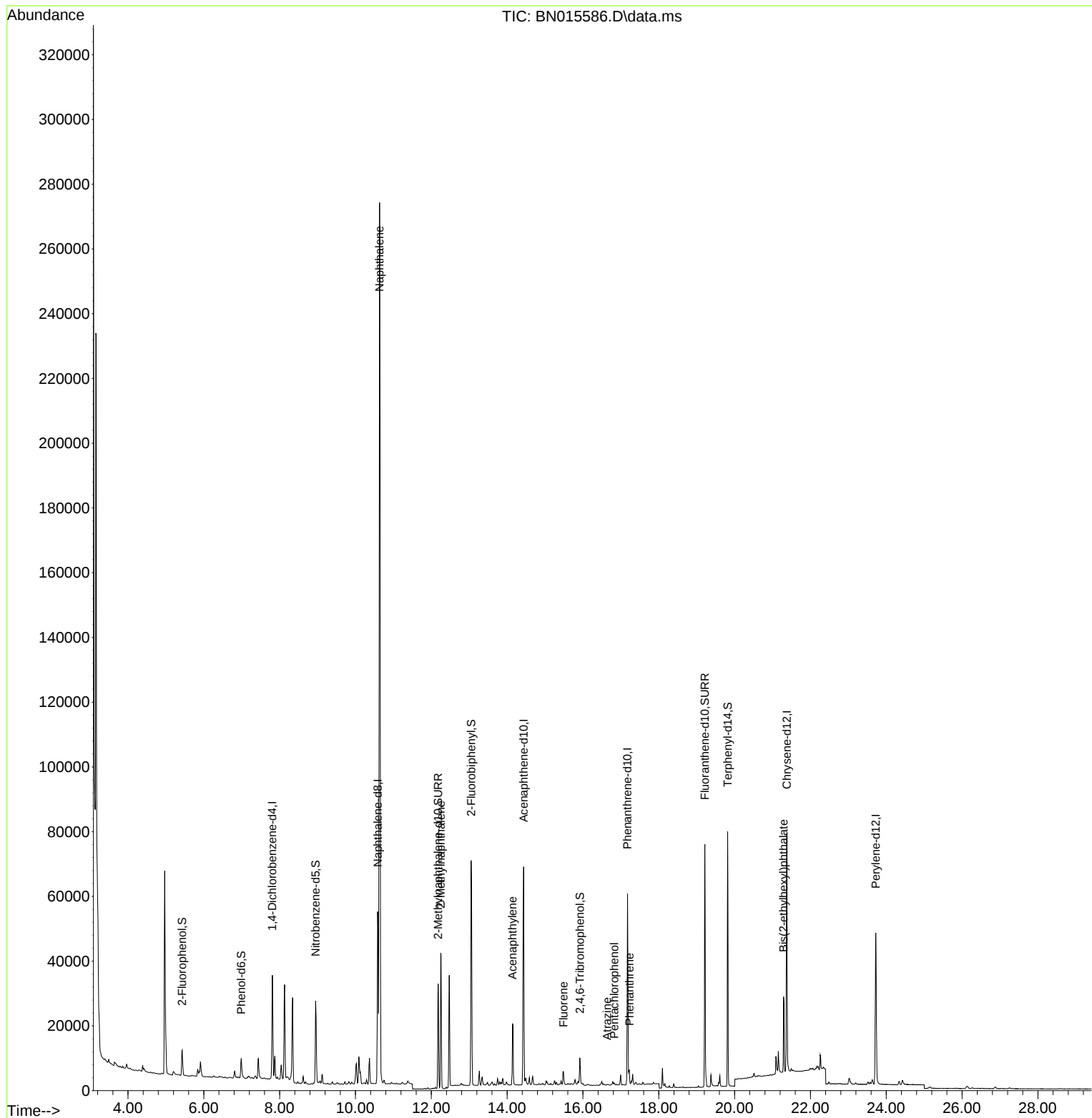
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	16636	0.40	ng	# 0.00
7) Naphthalene-d8	10.584	136	75663	0.40	ng	# 0.00
13) Acenaphthene-d10	14.434	164	40475	0.40	ng	0.00
19) Phenanthrene-d10	17.176	188	74295	0.40	ng	0.00
29) Chrysene-d12	21.376	240	67151	0.40	ng	# 0.00
35) Perylene-d12	23.724	264	65059	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	8140	0.17	ng	0.04
5) Phenol-d6	6.988	99	5570	0.10	ng	0.00
8) Nitrobenzene-d5	8.949	82	22635	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	43158	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	6261	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	66677	0.41	ng	0.00
27) Fluoranthene-d10	19.217	212	83065	0.37	ng	0.00
31) Terphenyl-d14	19.817	244	76083	0.48	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.635	128	366017	1.67	ng	98
12) 2-Methylnaphthalene	12.252	142	30089	0.22	ng	# 90
16) Acenaphthylene	14.142	152	24027	0.13	ng	98
18) Fluorene	15.487	166	3279	0.02	ng	97
20) 4,6-Dinitro-2-methylph...	15.563	198	11	Below Cal	#	1
23) Atrazine	16.640	200	117	0.10	ng	# 36
24) Pentachlorophenol	16.823	266	393	0.31	ng	# 47
25) Phenanthrene	17.224	178	5220	0.02	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	23831	0.24	ng	# 88

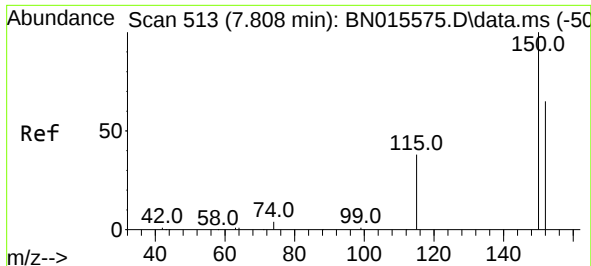
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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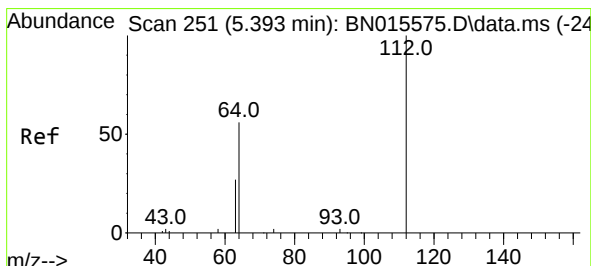
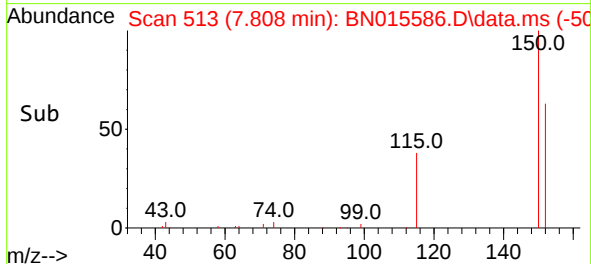
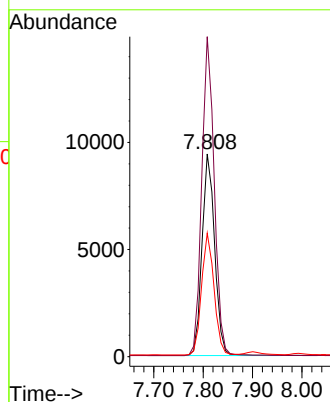
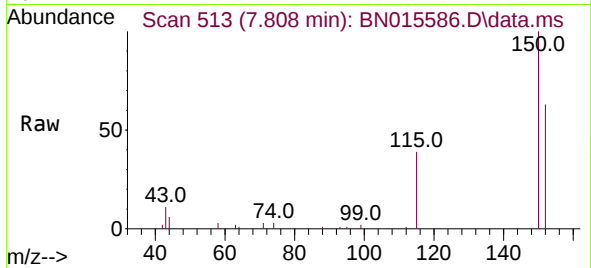




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.808 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: BN015586.D
 Acq: 15 Jul 2021 19:39

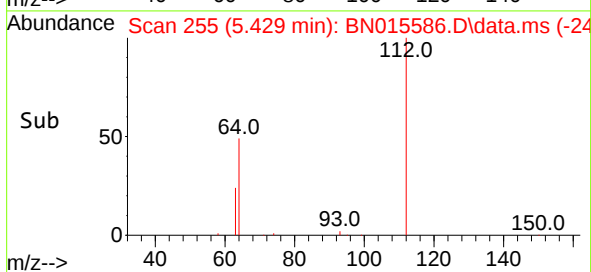
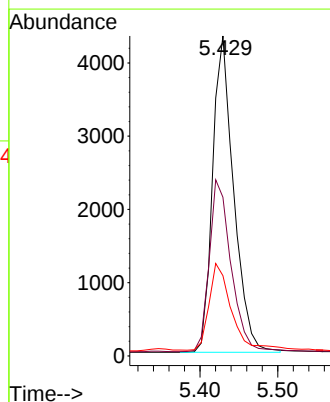
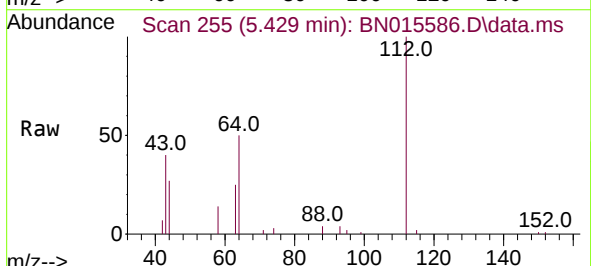
Instrument :
 BNA_N
 ClientSampled :
 MW-8

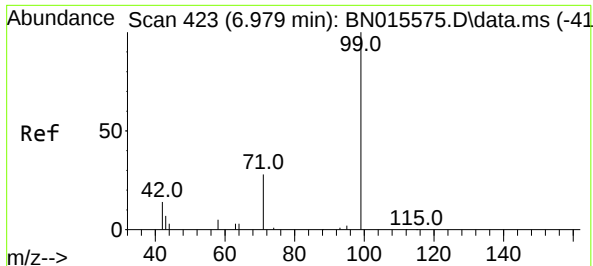
Tgt Ion:152 Resp: 16636
 Ion Ratio Lower Upper
 152 100
 150 157.8 119.0 178.6
 115 60.9 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.17 ng
 RT: 5.429 min Scan# 255
 Delta R.T. 0.037 min
 Lab File: BN015586.D
 Acq: 15 Jul 2021 19:39

Tgt Ion:112 Resp: 8140
 Ion Ratio Lower Upper
 112 100
 64 55.8 39.0 58.6
 63 28.8 20.6 30.8

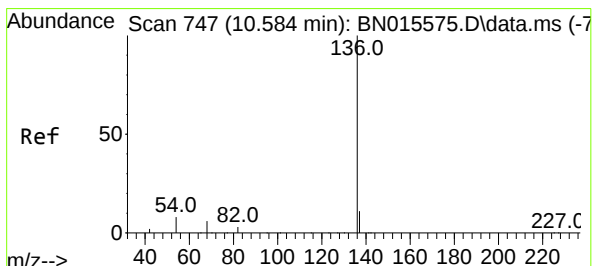
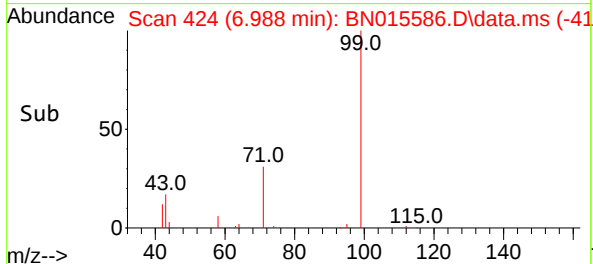
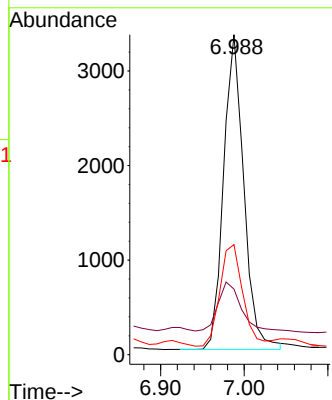
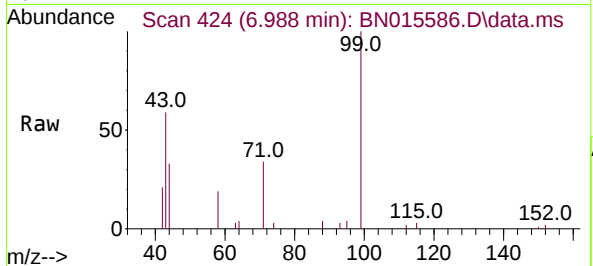




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.009 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

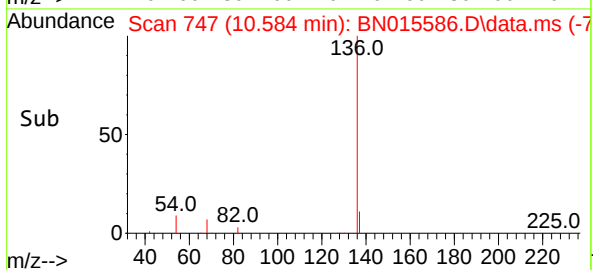
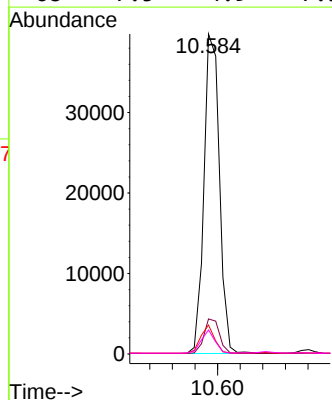
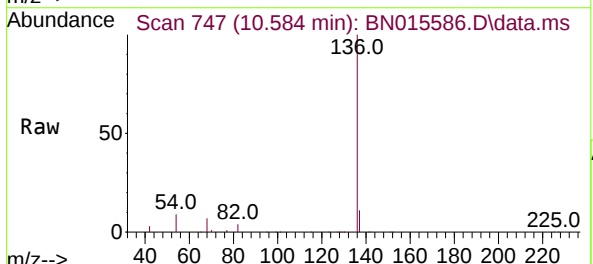
Instrument :
BNA_N
ClientSampled :
MW-8

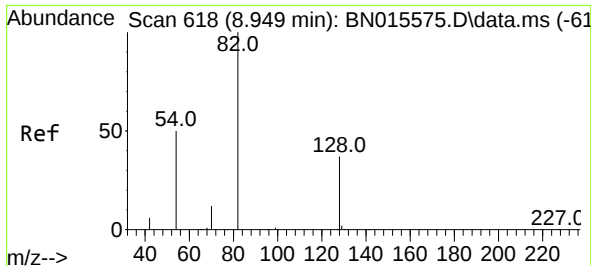
Tgt Ion: 99 Resp: 5570
Ion Ratio Lower Upper
99 100
42 17.4 8.9 13.3#
71 36.5 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.584 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion: 136 Resp: 75663
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 9.1 5.4 8.2#
68 7.5 4.9 7.3#

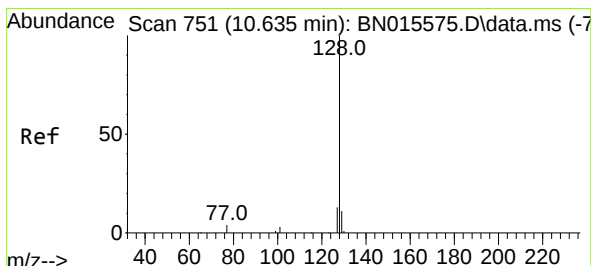
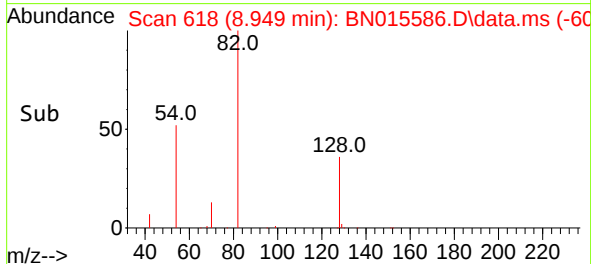
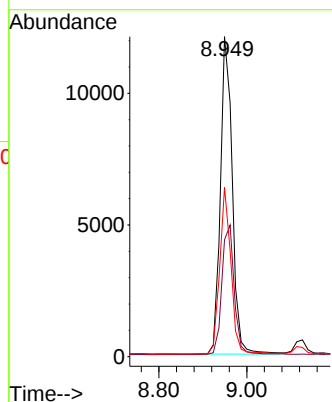
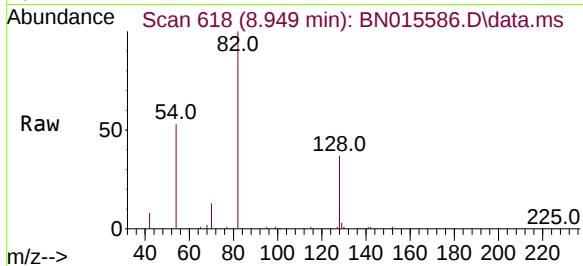




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

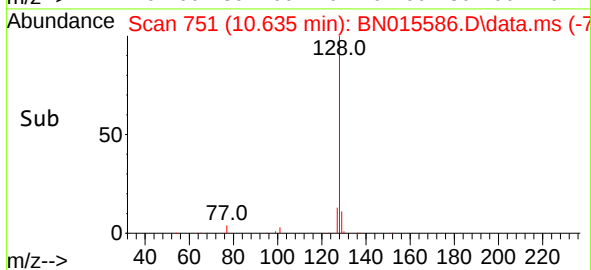
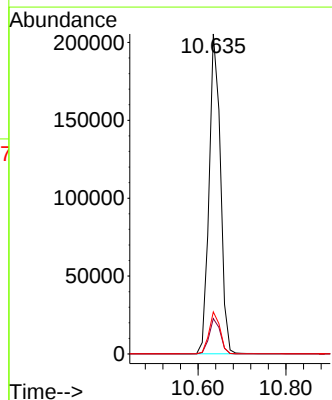
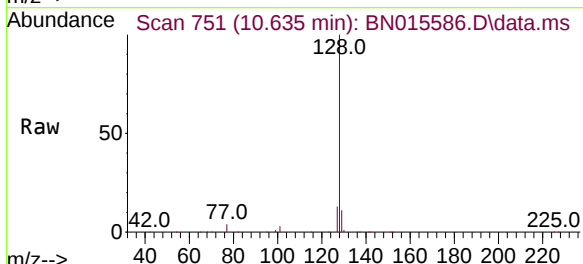
Instrument :
BNA_N
ClientSampleId :
MW-8

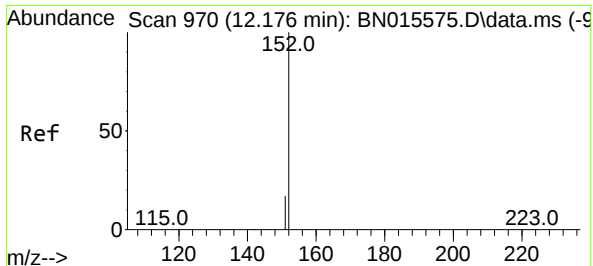
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	31.6	47.4
54	52.9	29.0	43.4



#9
Naphthalene
Concen: 1.67 ng
RT: 10.635 min Scan# 751
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	11.8	17.6

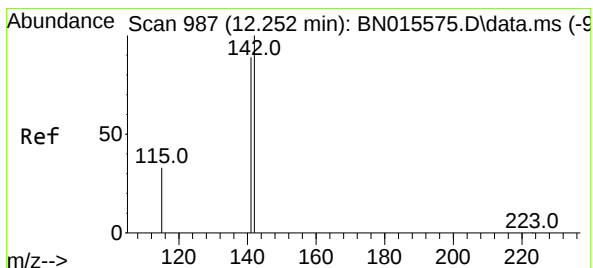
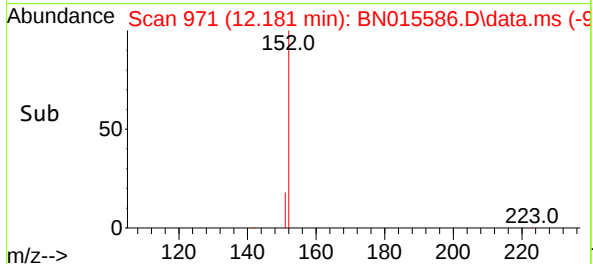
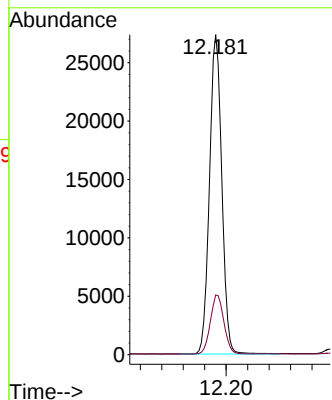
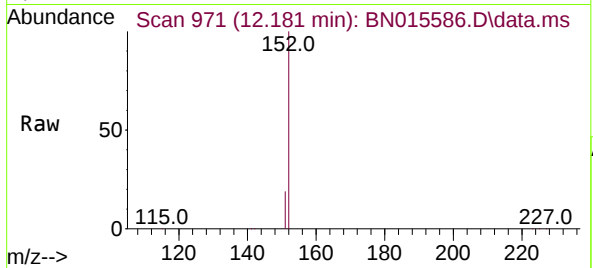




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.181 min Scan# 971
Delta R.T. 0.004 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

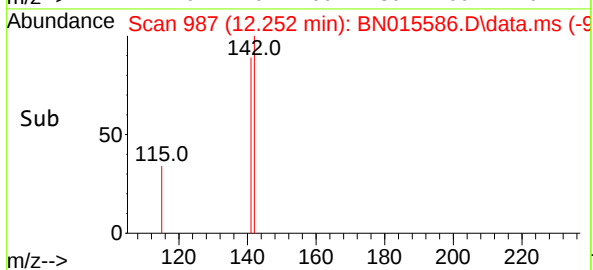
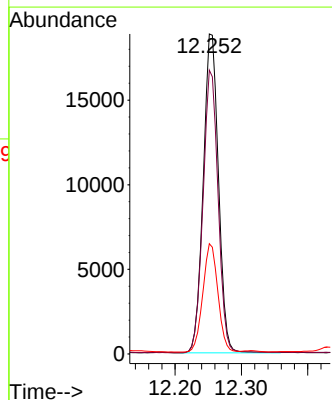
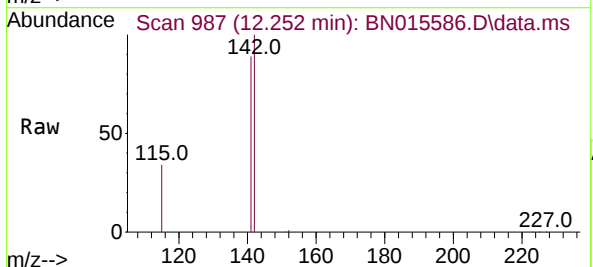
Instrument :
BNA_N
ClientSampled :
MW-8

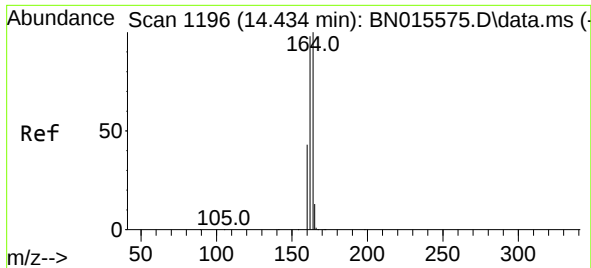
Tgt Ion:152 Resp: 43158
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.252 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion:142 Resp: 30089
Ion Ratio Lower Upper
142 100
141 88.7 72.3 108.5
115 34.4 40.7 61.1#

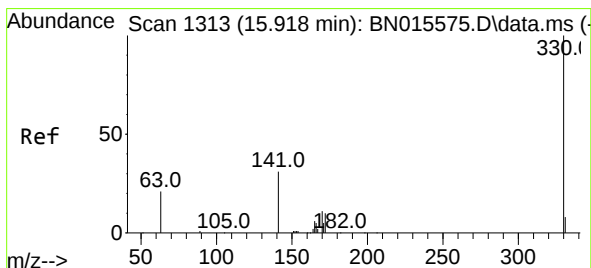
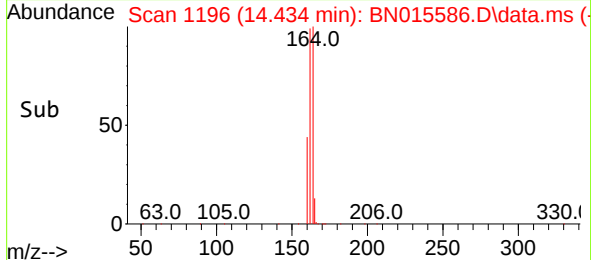
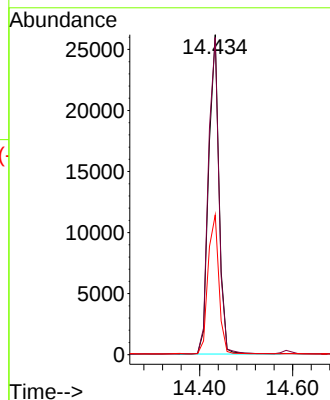
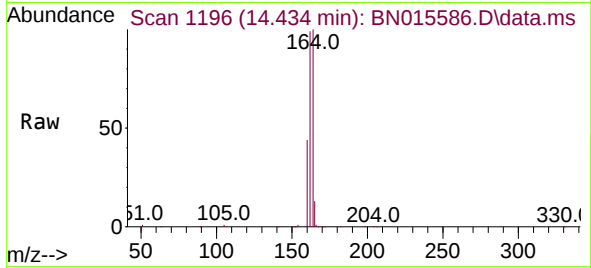




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.434 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

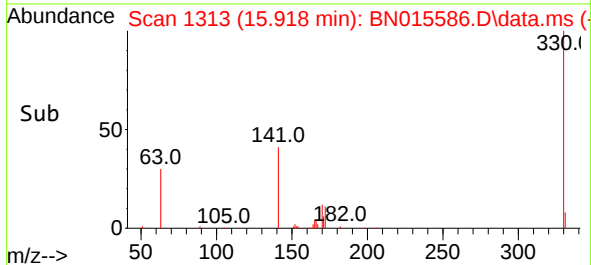
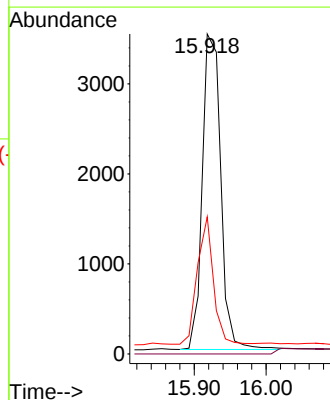
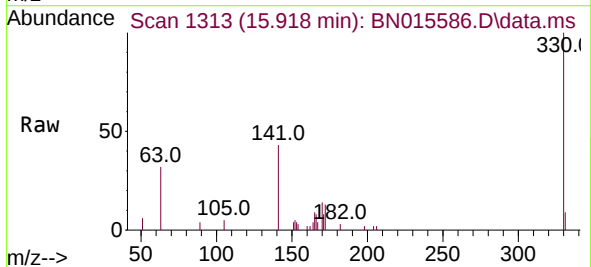
Instrument :
BNA_N
ClientSampled :
MW-8

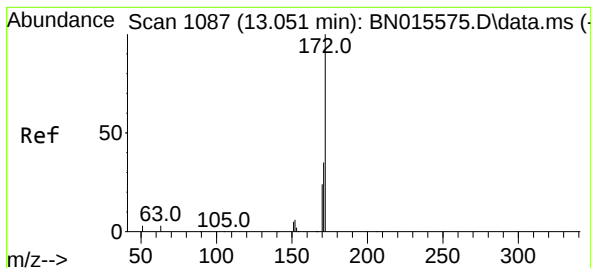
Tgt Ion:164 Resp: 40475
Ion Ratio Lower Upper
164 100
162 99.1 83.8 125.6
160 43.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.918 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion:330 Resp: 6261
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.1 22.4 33.6#

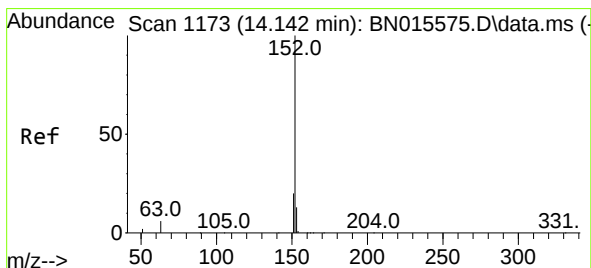
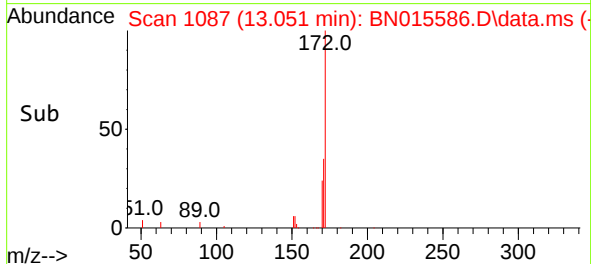
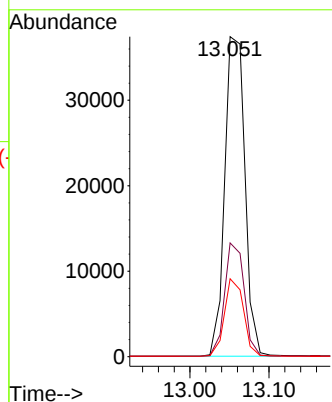
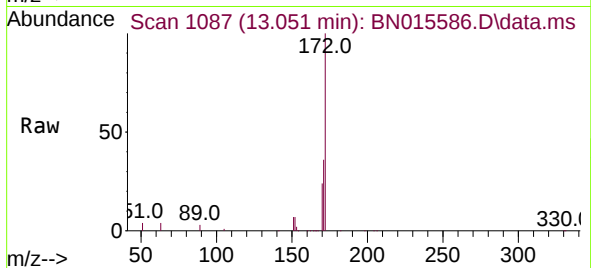




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.051 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

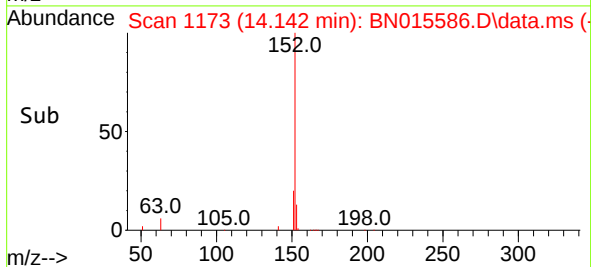
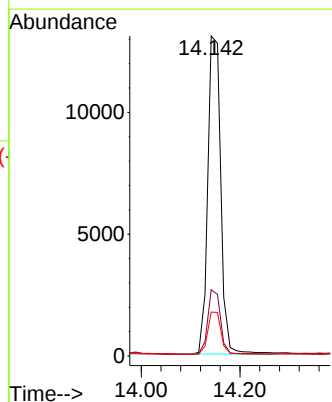
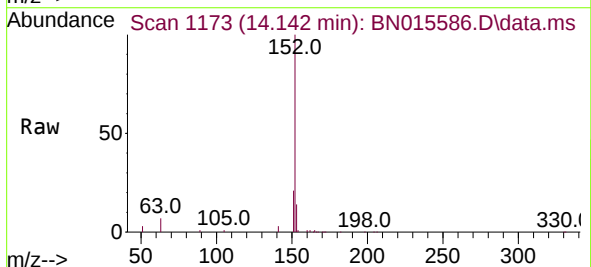
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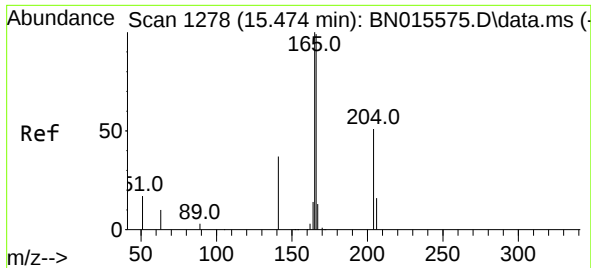
Tgt Ion:	172	Resp:	66677
Ion Ratio	Lower	Upper	
172	100		
171	35.5	30.6	45.8
170	24.4	20.2	30.4



#16
Acenaphthylene
Concen: 0.13 ng
RT: 14.142 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion:	152	Resp:	24027
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.7	25.1
153	13.5	10.5	15.7

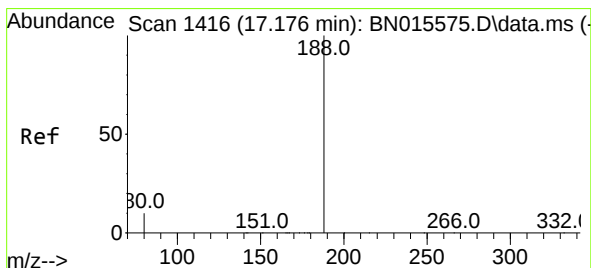
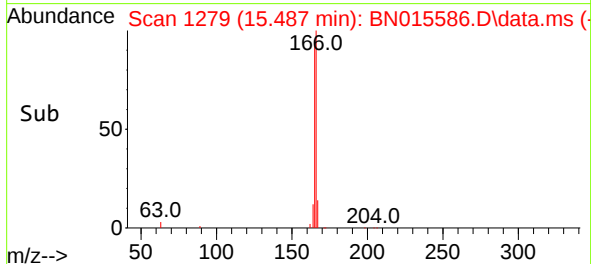
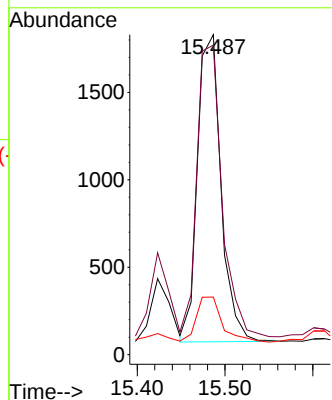
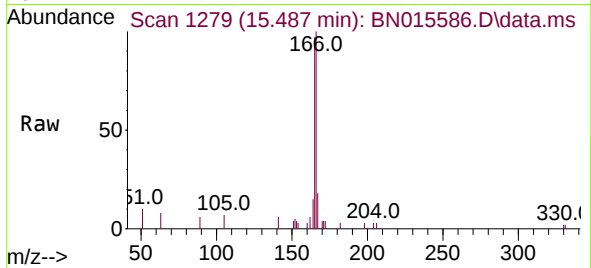




#18
Fluorene
Concen: 0.02 ng
RT: 15.487 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

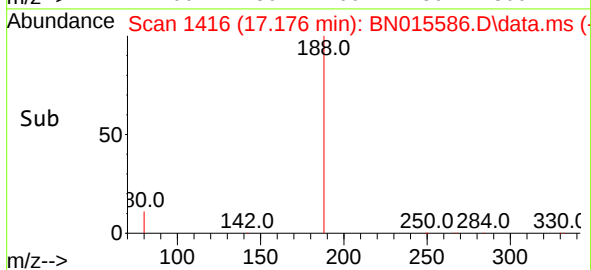
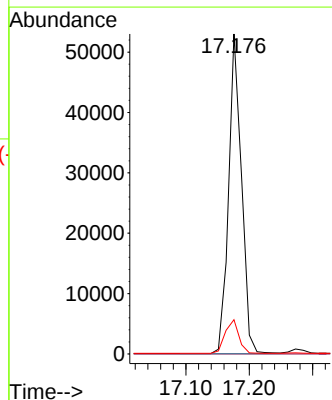
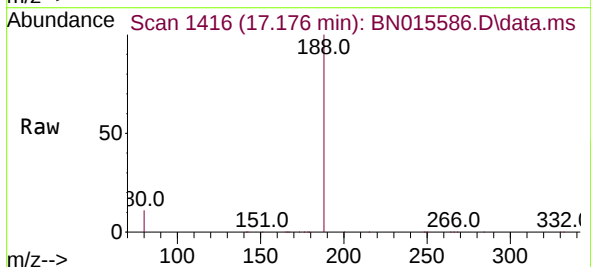
Instrument :
BNA_N
ClientSampled :
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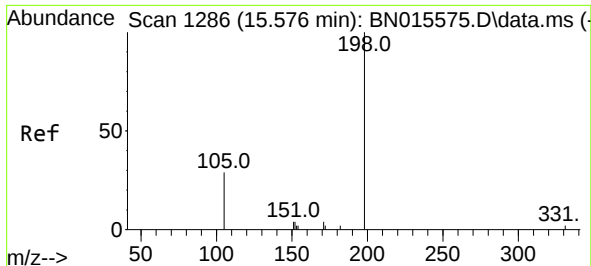
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Ion Ratio Lower Upper
166 100
165 101.2 79.2 118.8
167 16.0 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion:188 Resp: 74295
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 9.0 13.4

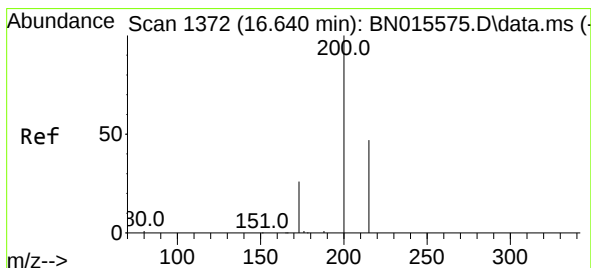
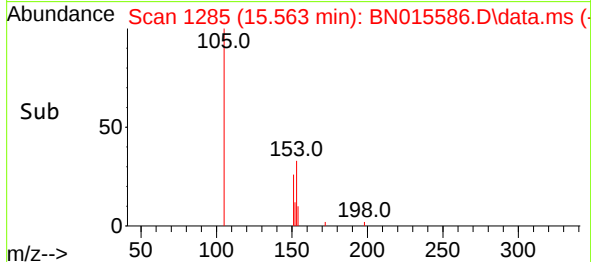
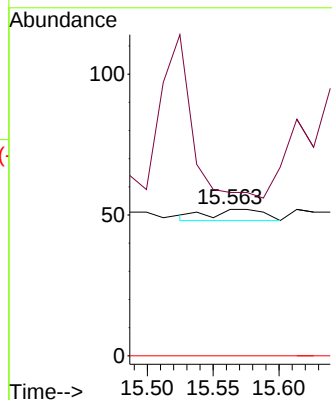
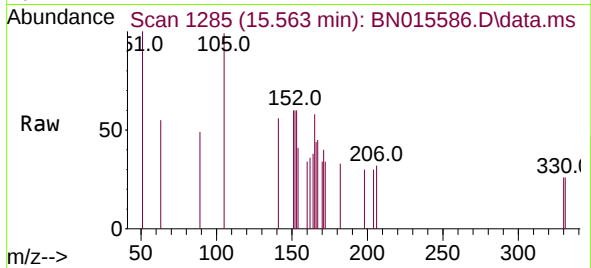




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.563 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

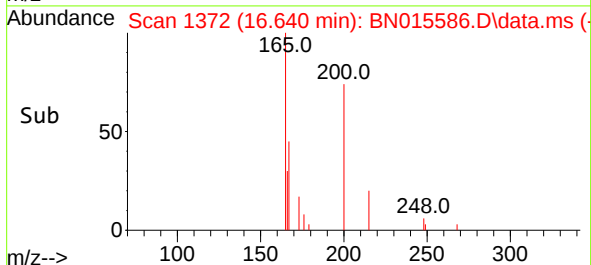
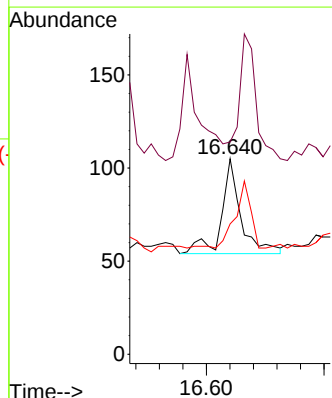
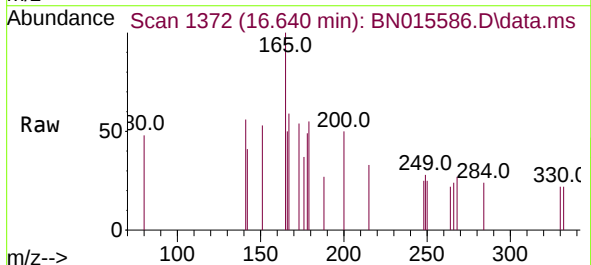
Instrument :
BNA_N
ClientSampled :
MW-8

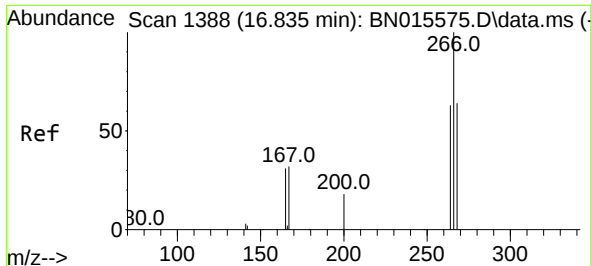
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 111.5 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.10 ng
RT: 16.640 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion:200 Resp: 117
Ion Ratio Lower Upper
200 100
173 108.6 21.7 32.5#
215 66.7 43.1 64.7#

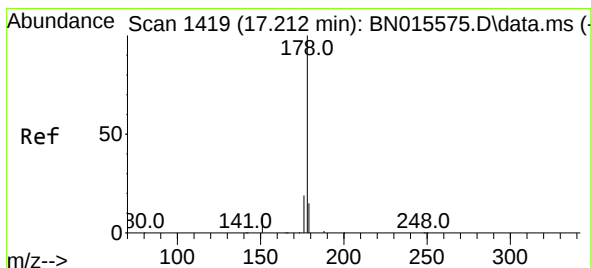
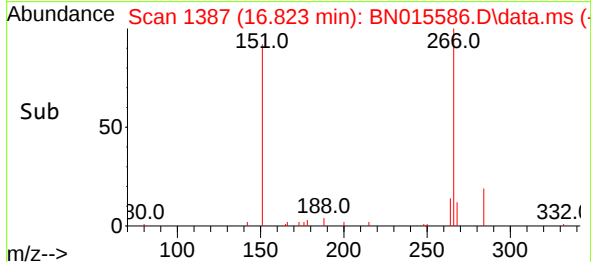
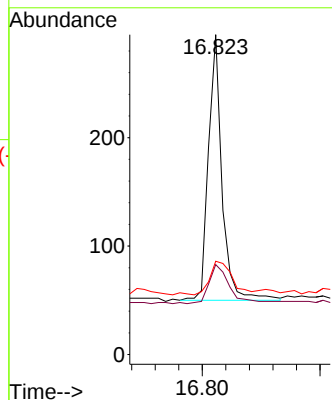
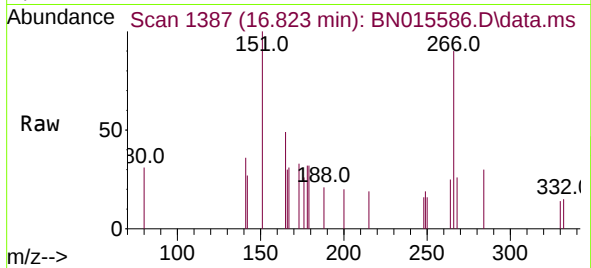




#24
Pentachlorophenol
Concen: 0.31 ng
RT: 16.823 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

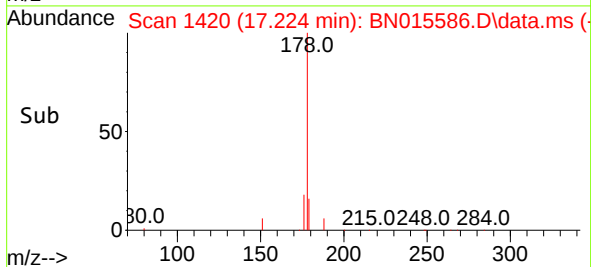
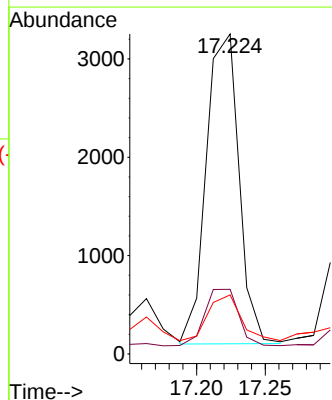
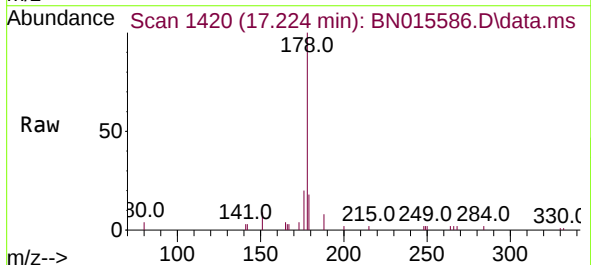
Instrument :
BNA_N
ClientSampled :
MW-8

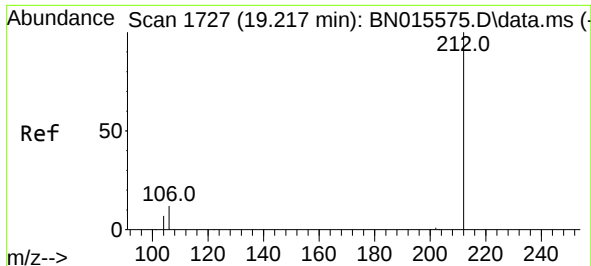
Tgt Ion:	266	Resp:	393
Ion	Ratio	Lower	Upper
266	100		
264	23.7	51.0	76.4#
268	20.4	50.6	76.0#



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.224 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion:	178	Resp:	5220
Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.6	23.4
179	15.5	12.1	18.1

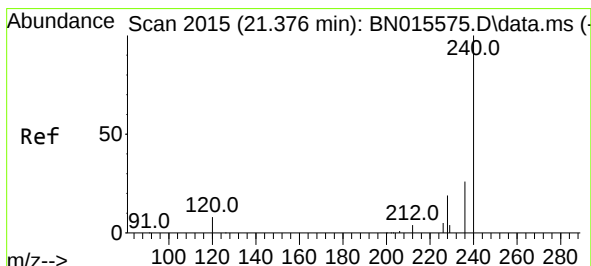
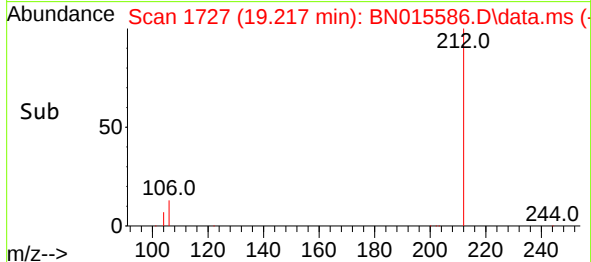
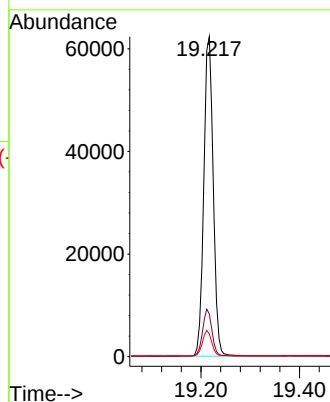
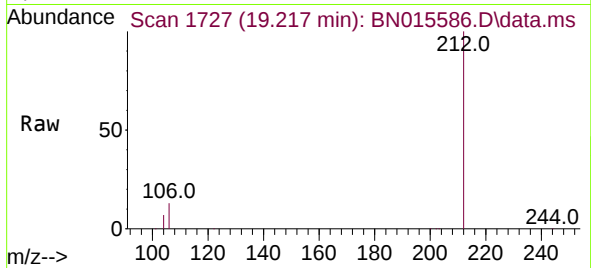




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.217 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

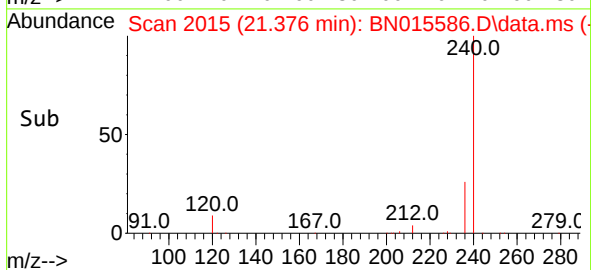
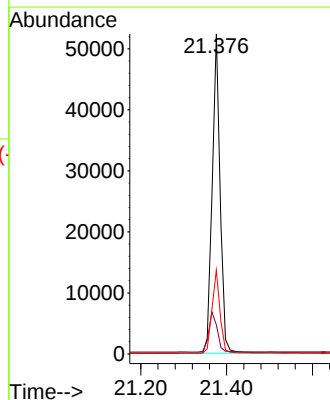
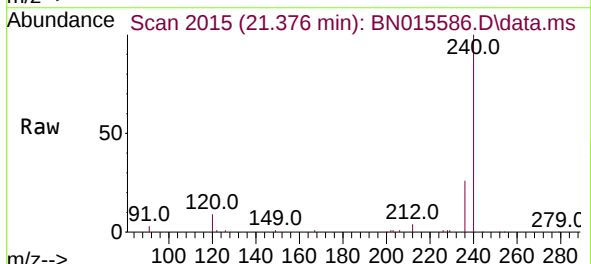
Instrument :
BNA_N
ClientSampleId :
MW-8

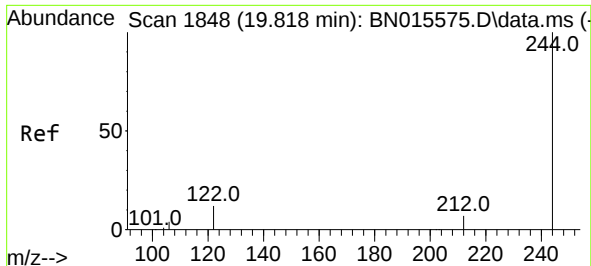
Tgt Ion:212 Resp: 83065
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 8.1 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.376 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BN015586.D
Acq: 15 Jul 2021 19:39

Tgt Ion:240 Resp: 67151
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.4#
236 26.2 21.4 32.2

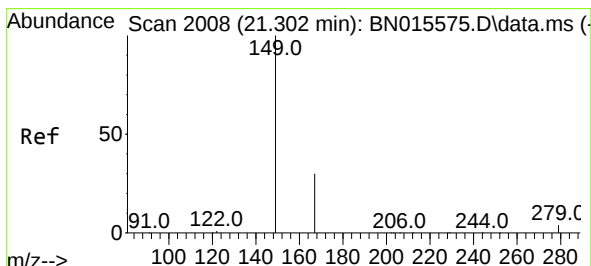
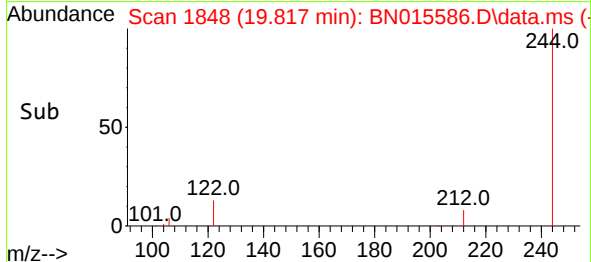
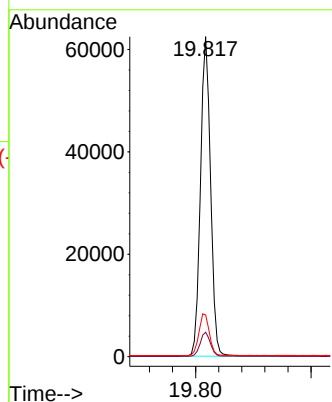
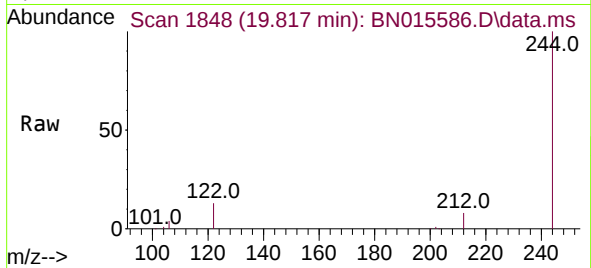




#31
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.817 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BN015586.D
 Acq: 15 Jul 2021 19:39

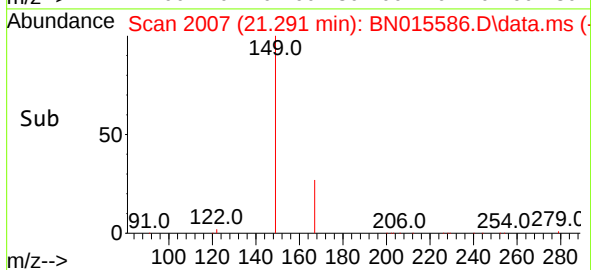
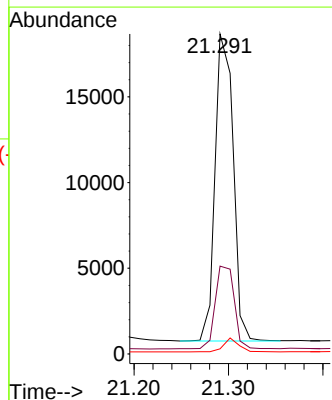
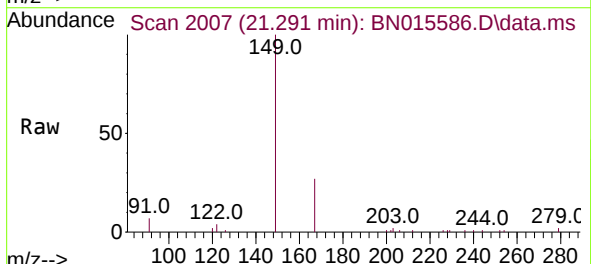
Instrument :
 BNA_N
 ClientSampleId :
 MW-8

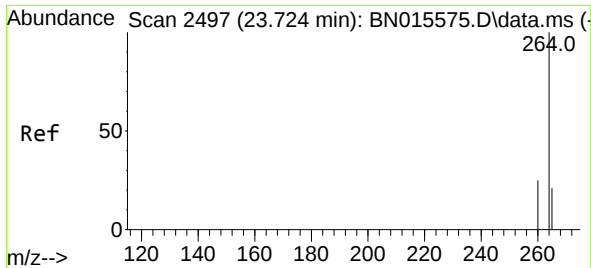
Tgt Ion:244 Resp: 76083
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 13.0 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.291 min Scan# 2007
 Delta R.T. -0.011 min
 Lab File: BN015586.D
 Acq: 15 Jul 2021 19:39

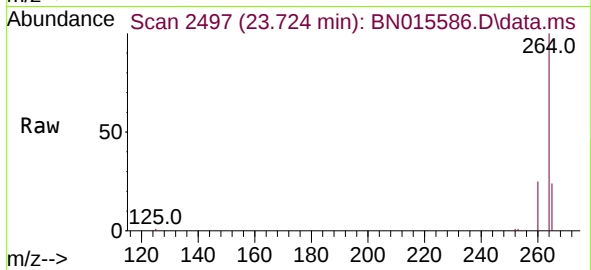
Tgt Ion:149 Resp: 23831
 Ion Ratio Lower Upper
 149 100
 167 28.3 28.9 43.3#
 279 3.8 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.724 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BN015586.D
 Acq: 15 Jul 2021 19:39

Instrument :
 BNA_N
 ClientSampleId :
 MW-8



Tgt Ion:264 Resp: 65059

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	23.5	21.4	32.2

