

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
 Data File : BN017513.D
 Acq On : 18 Nov 2021 18:56
 Operator : CG/JU
 Sample : M4740-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-B-111721

Quant Time: Nov 19 03:36:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

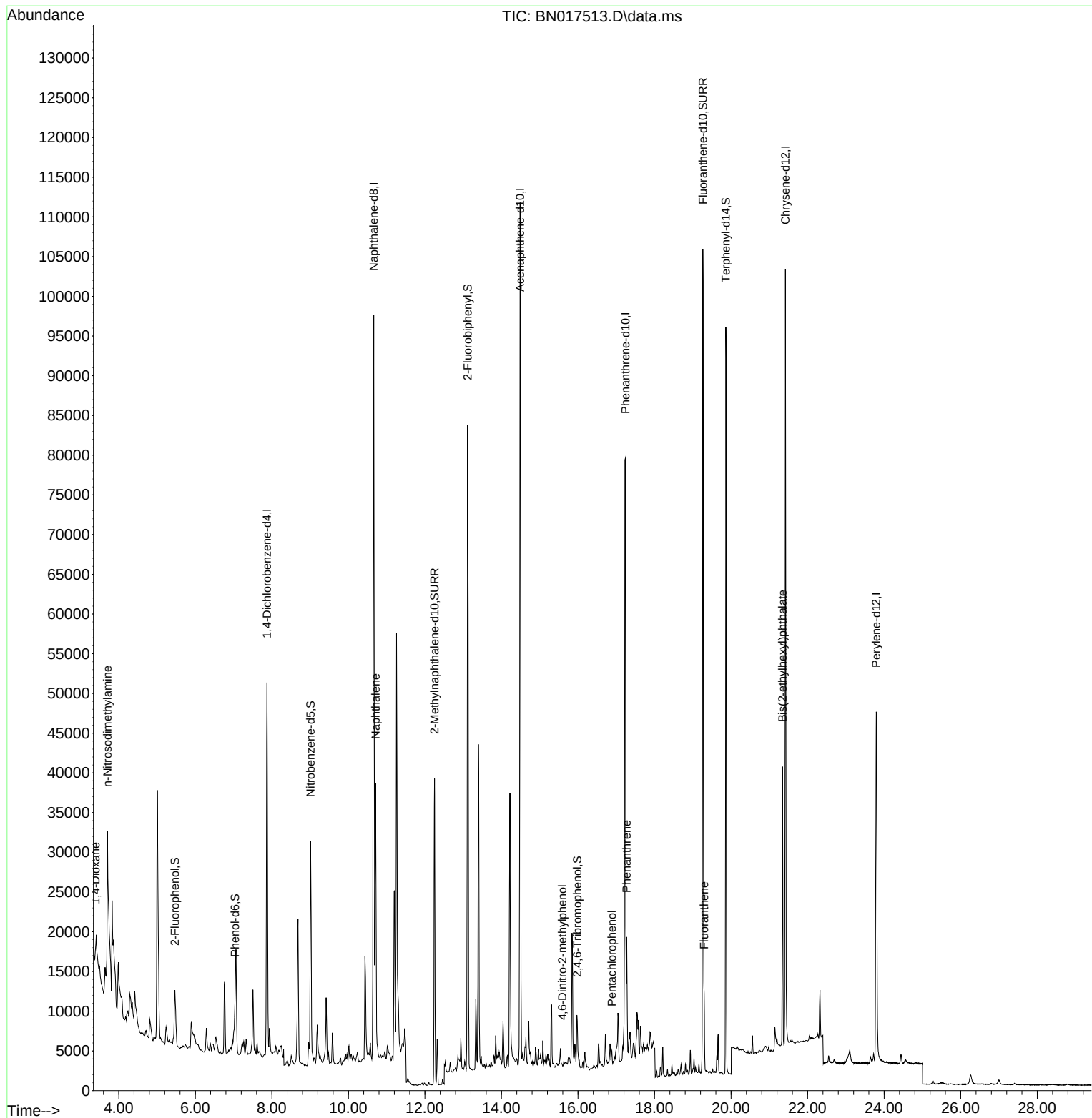
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	27475	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	124789	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	65644	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	118692	0.400	ng	0.00
29) Chrysene-d12	21.419	240	88883	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	66545	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.467	112	8337	0.127	ng	0.02
5) Phenol-d6	7.035	99	5597	0.080	ng	0.00
8) Nitrobenzene-d5	9.013	82	23991	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	51963	0.253	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	4529	0.272	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	68979	0.279	ng	-0.01
27) Fluoranthene-d10	19.262	212	116654	0.329	ng	0.00
31) Terphenyl-d14	19.863	244	91620	0.420	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.392	88	424	0.035	ng	# 1
3) n-Nitrosodimethylamine	3.706	42	3459	0.150	ng	# 1
9) Naphthalene	10.712	128	42005	0.134	ng	100
20) 4,6-Dinitro-2-methylph...	15.589	198	14	0.092	ng	# 1
24) Pentachlorophenol	16.884	266	57	0.092	ng	# 77
25) Phenanthrene	17.274	178	15123	0.046	ng	99
28) Fluoranthene	19.297	202	8024	0.023	ng	98
34) Bis(2-ethylhexyl)phtha...	21.345	149	29664	0.206	ng	99

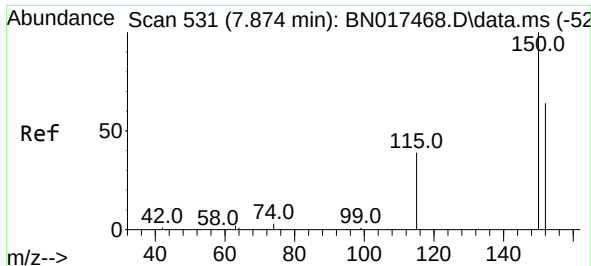
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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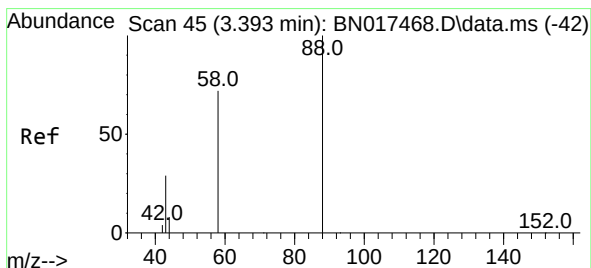
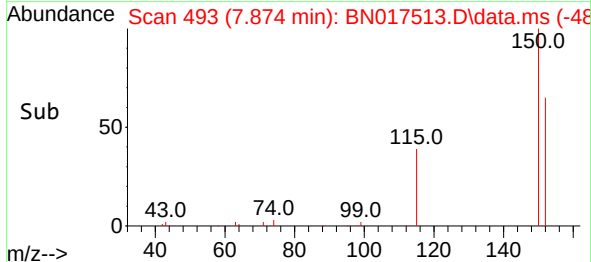
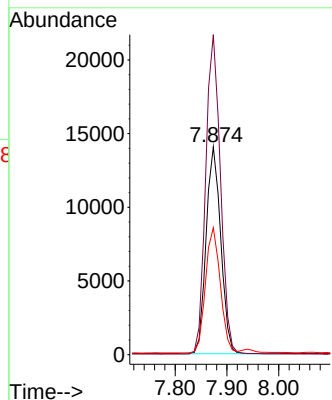
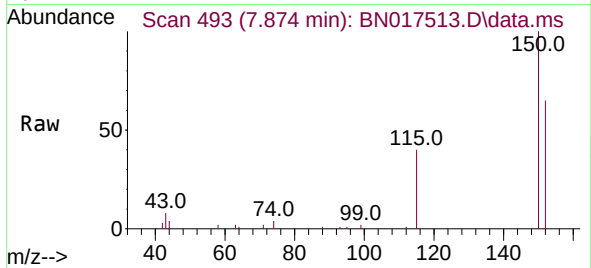




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.874 min Scan# 493
 Delta R.T. -0.000 min
 Lab File: BN017513.D
 Acq: 18 Nov 2021 18:56

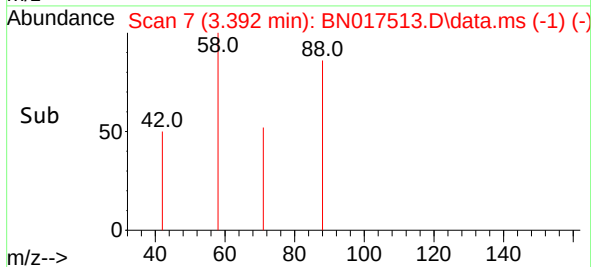
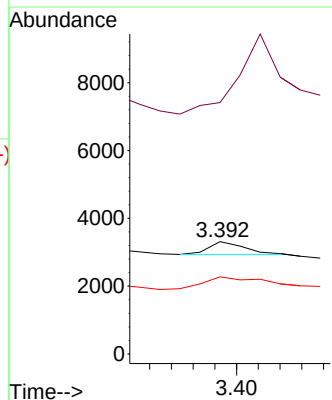
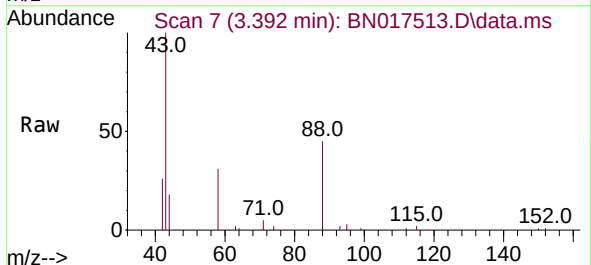
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 EB-01-B-111721

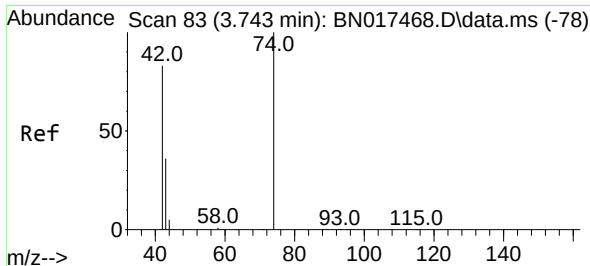
Tgt Ion:152 Resp: 27475
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.0 184.4
 115 61.1 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.392 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BN017513.D
 Acq: 18 Nov 2021 18:56

Tgt Ion: 88 Resp: 424
 Ion Ratio Lower Upper
 88 100
 43 680.9 24.7 37.1#
 58 170.0 63.0 94.6#

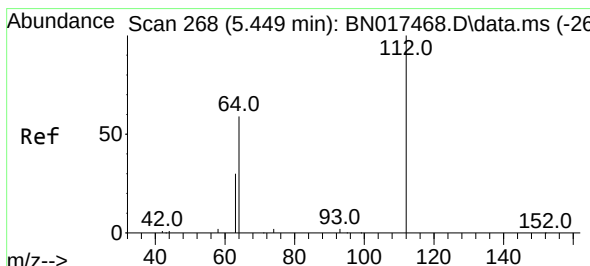
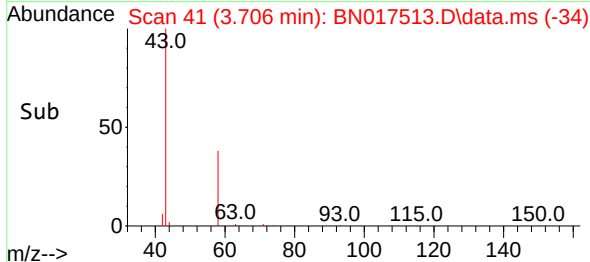
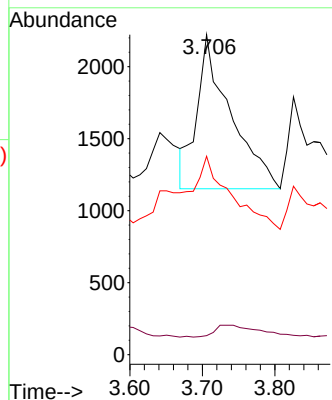
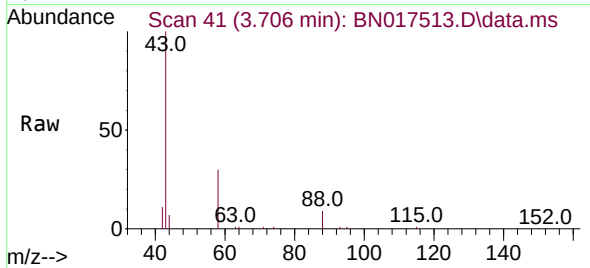




#3
n-Nitrosodimethylamine
Concen: 0.150 ng
RT: 3.706 min Scan# 41
Delta R.T. -0.037 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

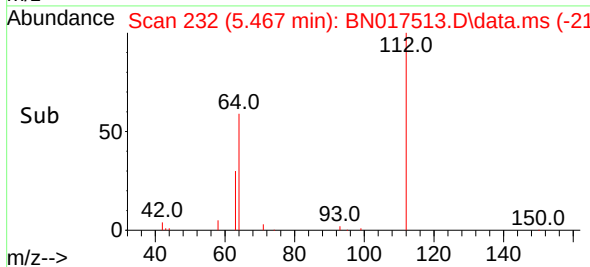
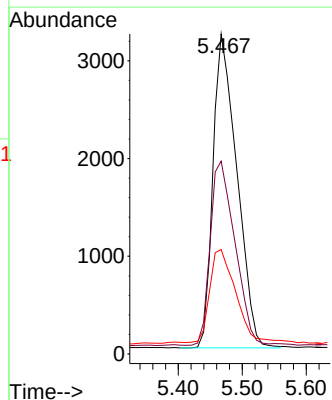
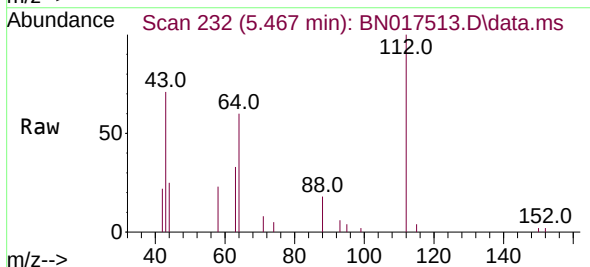
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ClientSampleId :
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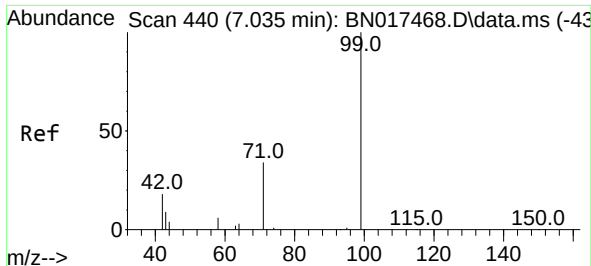
Tgt Ion: 42 Resp: 3459
Ion Ratio Lower Upper
42 100
74 10.3 97.8 146.6#
44 47.7 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.467 min Scan# 232
Delta R.T. 0.018 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion: 112 Resp: 8337
Ion Ratio Lower Upper
112 100
64 60.9 47.6 71.4
63 31.8 24.6 37.0

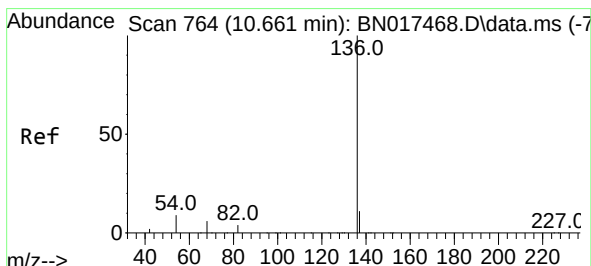
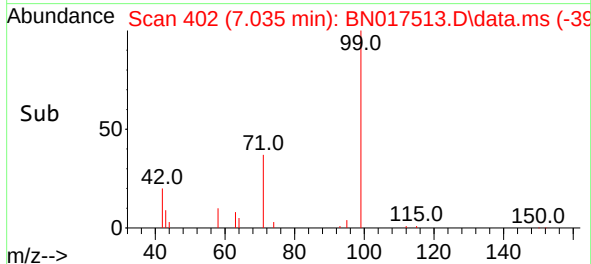
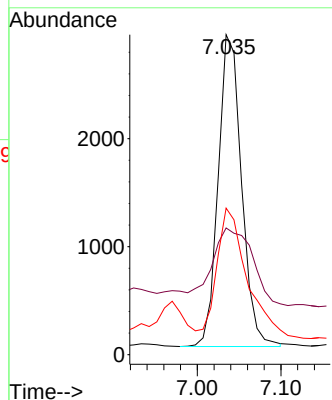
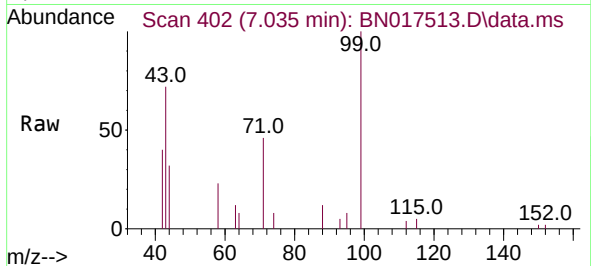




#5
Phenol-d6
Concen: 0.080 ng
RT: 7.035 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

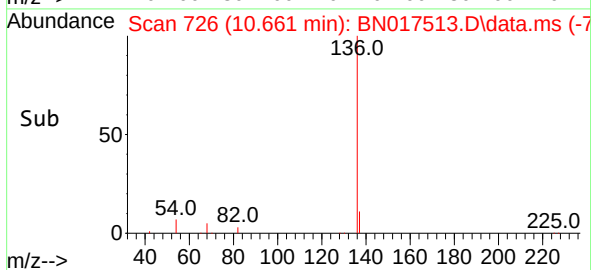
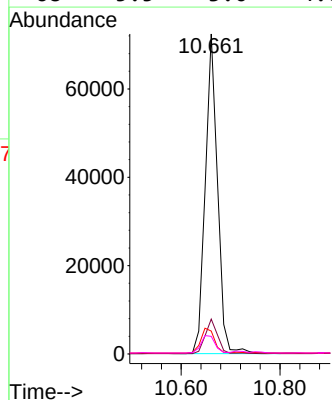
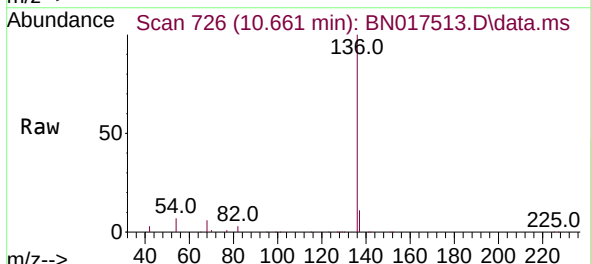
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ClientSampleId :
EB-01-B-111721

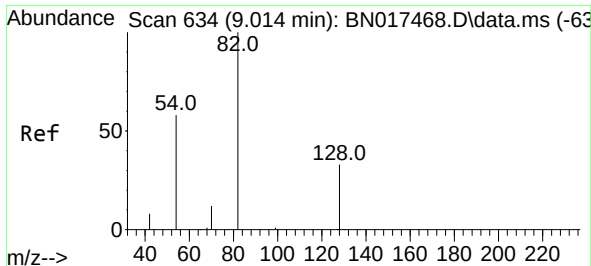
Tgt Ion: 99 Resp: 5597
Ion Ratio Lower Upper
99 100
42 41.4 17.0 25.6#
71 46.6 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 726
Delta R.T. -0.000 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion: 136 Resp: 124789
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 4.0 6.0#
68 5.5 3.0 4.6#

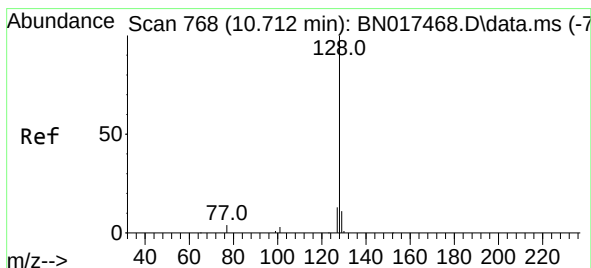
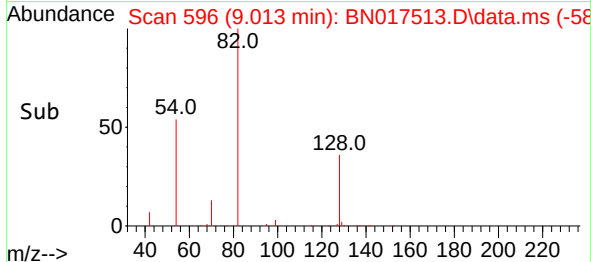
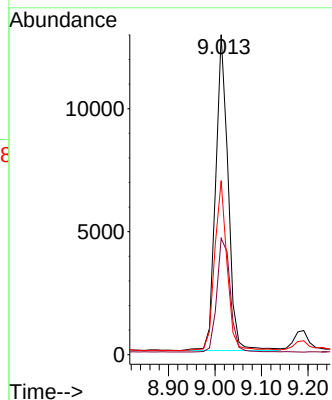
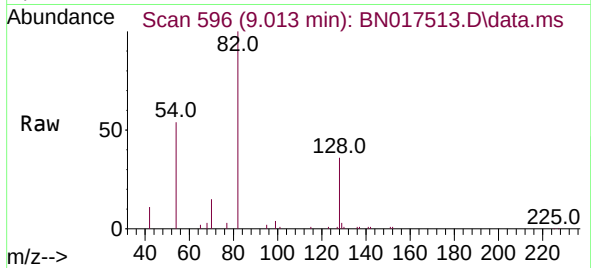




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.013 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

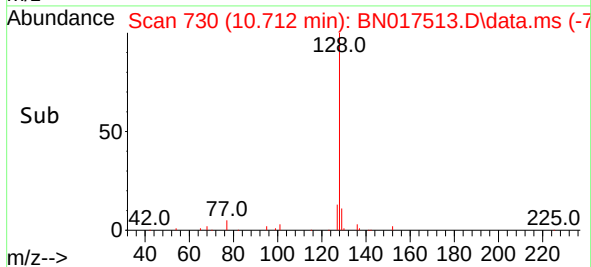
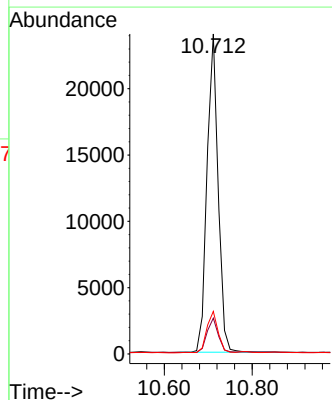
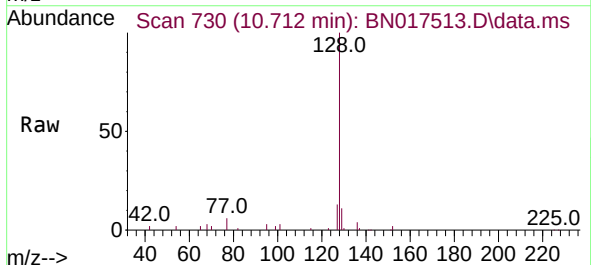
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BNA_N
ClientSampleId :
EB-01-B-111721

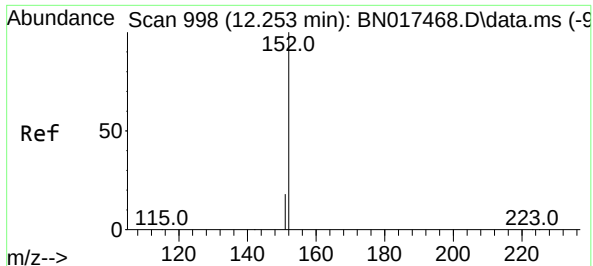
Tgt Ion: 82 Resp: 23991
Ion Ratio Lower Upper
82 100
128 36.4 27.7 41.5
54 54.4 49.2 73.8



#9
Naphthalene
Concen: 0.134 ng
RT: 10.712 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion: 128 Resp: 42005
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 15.8

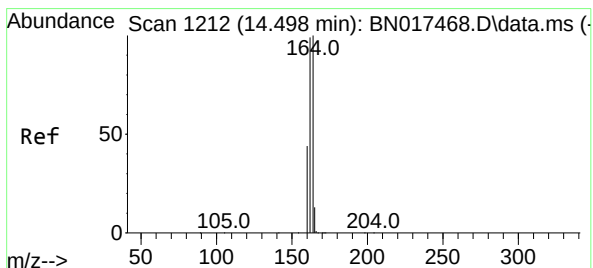
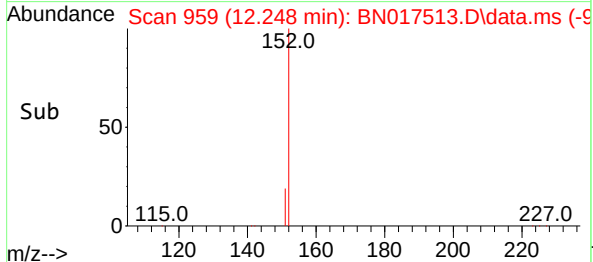
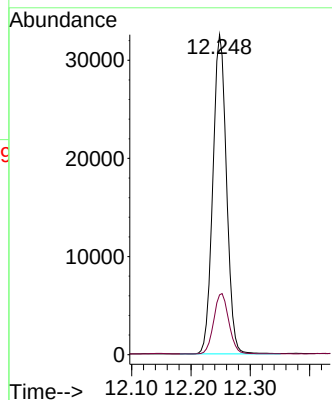
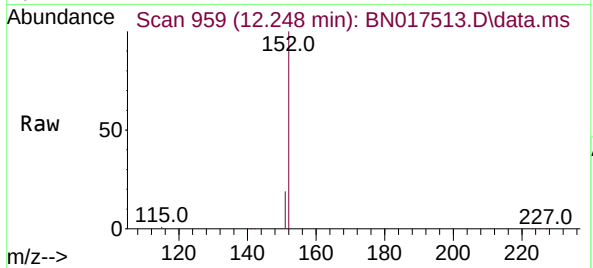




#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 12.248 min Scan# 91
Delta R.T. -0.005 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

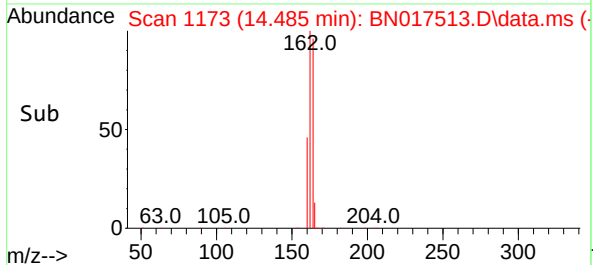
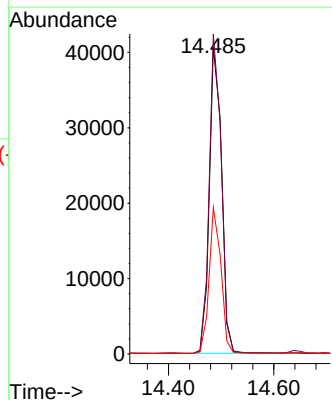
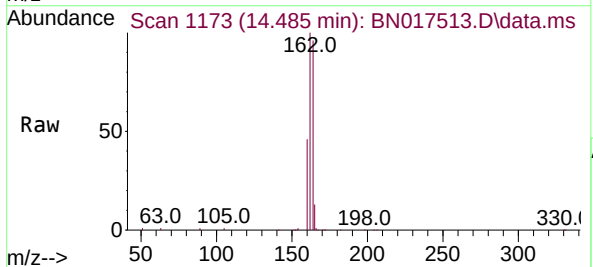
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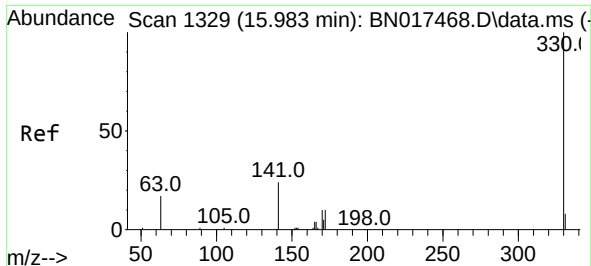
Tgt Ion:152 Resp: 51963
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion:164 Resp: 65644
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.2
160 47.7 36.8 55.2

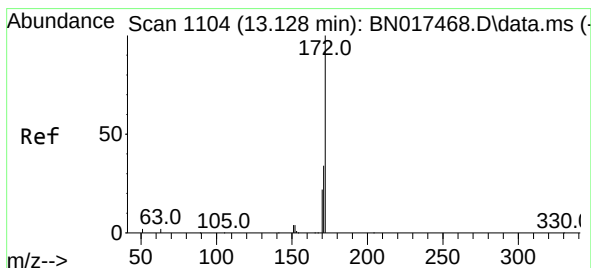
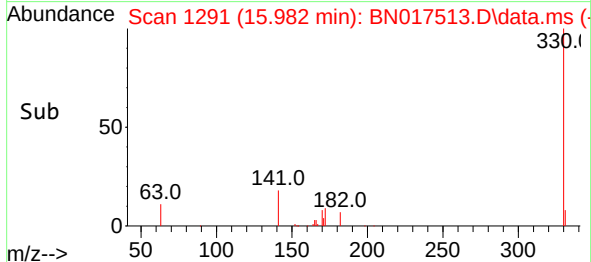
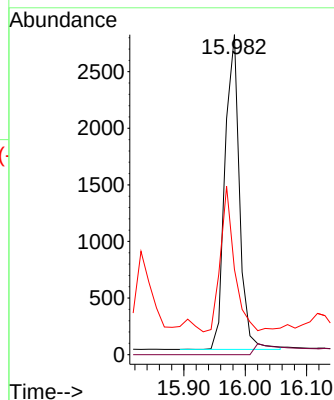
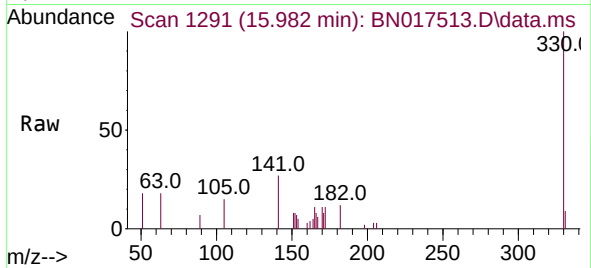




#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.982 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

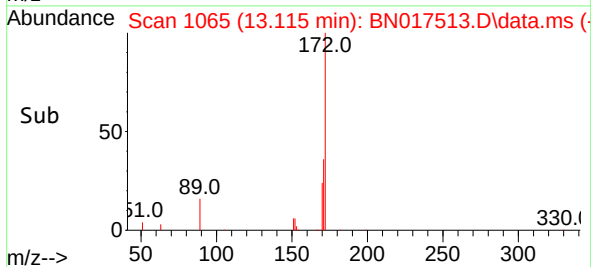
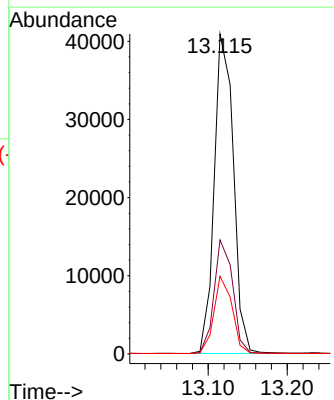
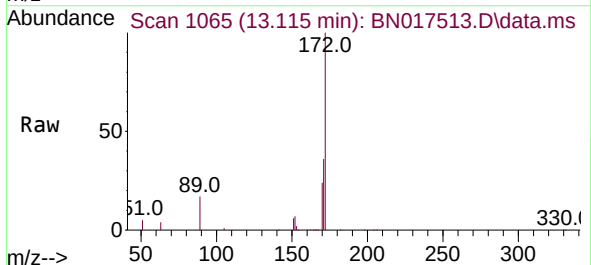
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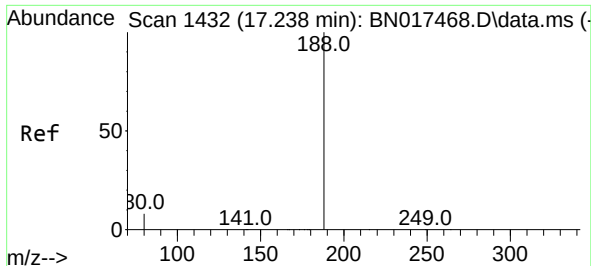
Tgt Ion:330 Resp: 4529
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.2 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 13.115 min Scan# 1065
Delta R.T. -0.013 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion:172 Resp: 68979
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.2 19.4 29.2

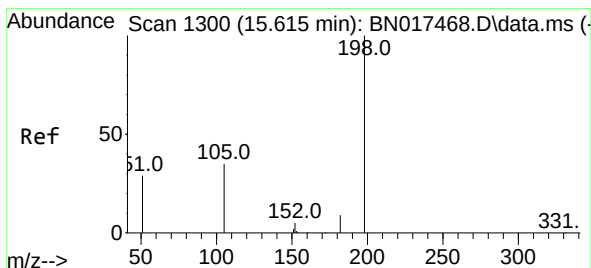
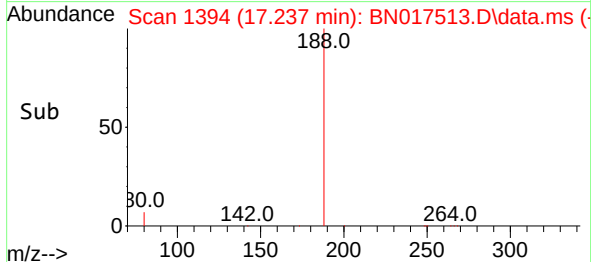
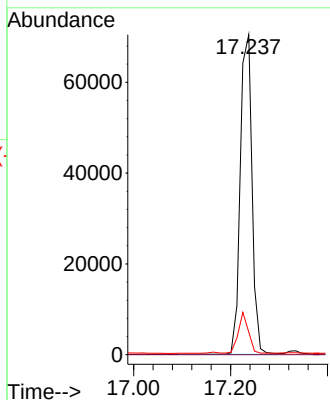
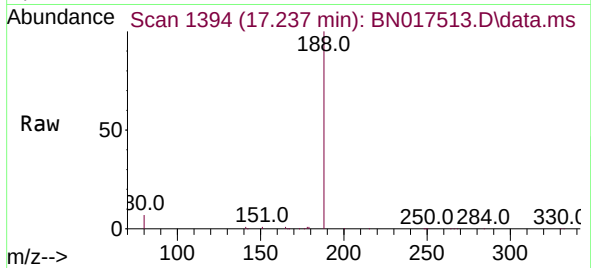




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

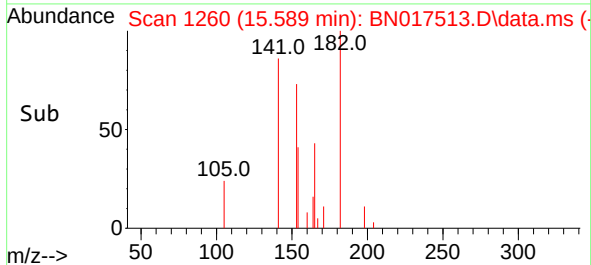
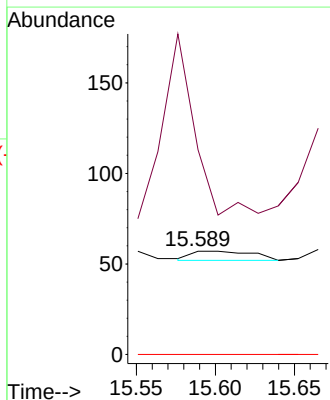
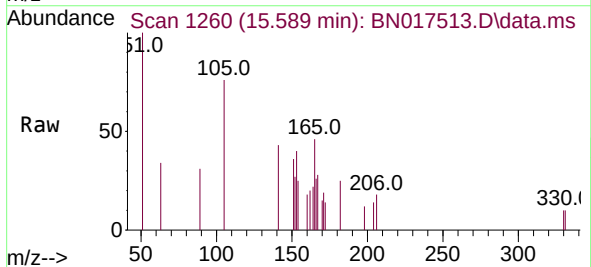
Instrument :
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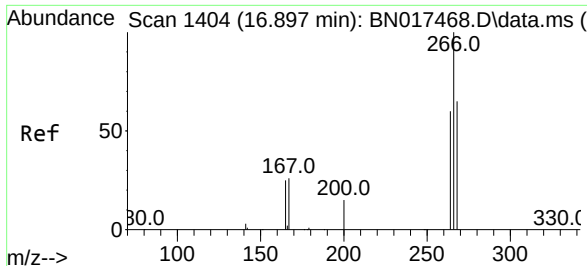
Tgt Ion:188 Resp: 118692
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.092 ng
RT: 15.589 min Scan# 1260
Delta R.T. -0.026 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 198.2 11.4 17.2#
77 0.0 0.0 0.0

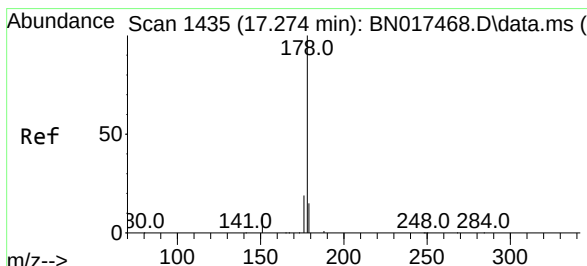
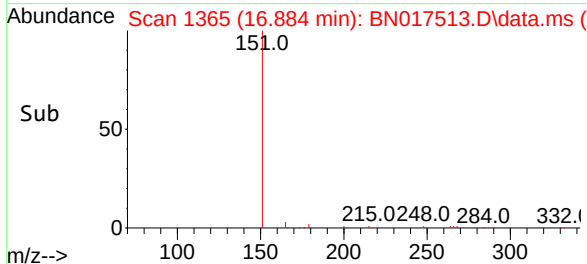
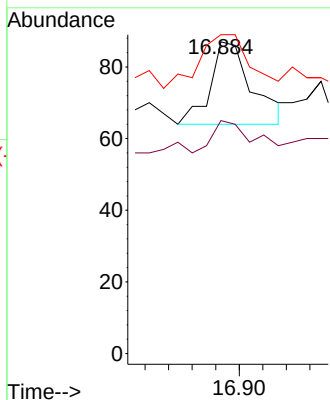
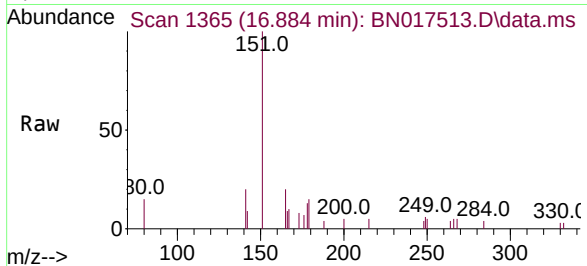




#24
 Pentachlorophenol
 Concen: 0.092 ng
 RT: 16.884 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: BN017513.D
 Acq: 18 Nov 2021 18:56

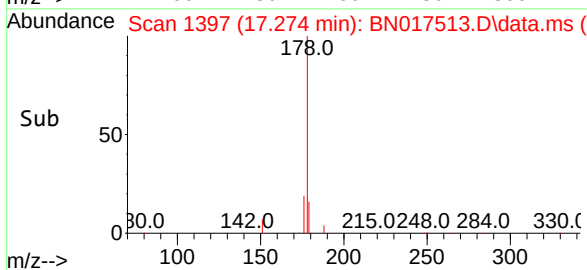
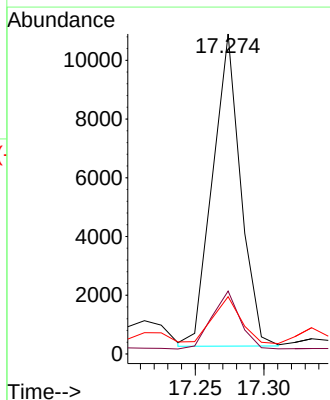
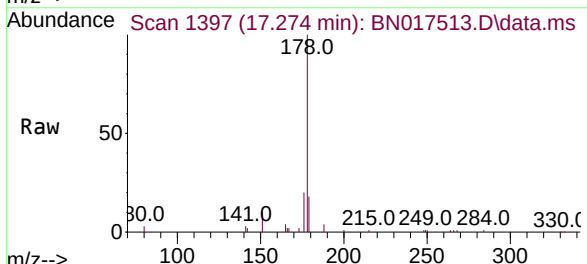
Instrument :
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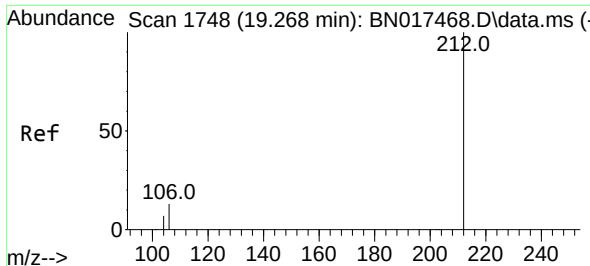
Tgt Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 264 42.1 49.8 74.8#
 268 78.9 51.3 76.9#



#25
 Phenanthrene
 Concen: 0.046 ng
 RT: 17.274 min Scan# 1397
 Delta R.T. -0.000 min
 Lab File: BN017513.D
 Acq: 18 Nov 2021 18:56

Tgt Ion:178 Resp: 15123
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.0 22.6
 179 15.6 12.3 18.5

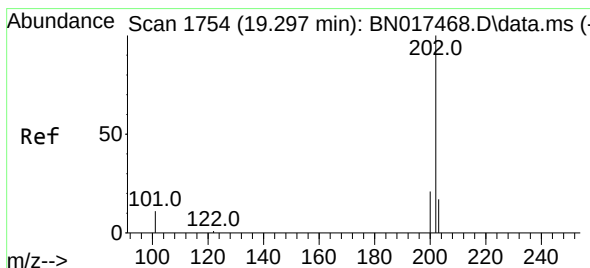
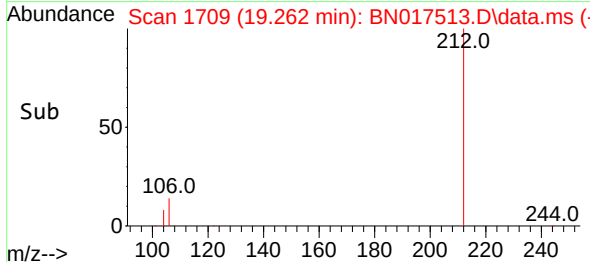
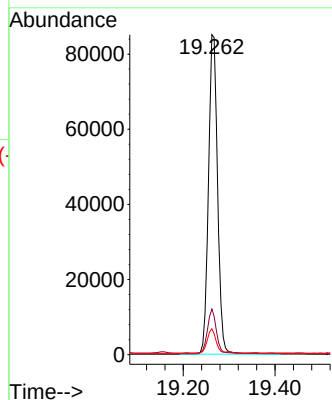
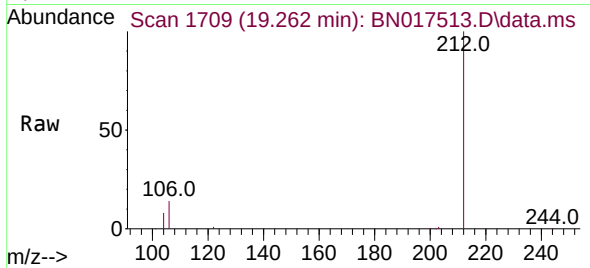




#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.262 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

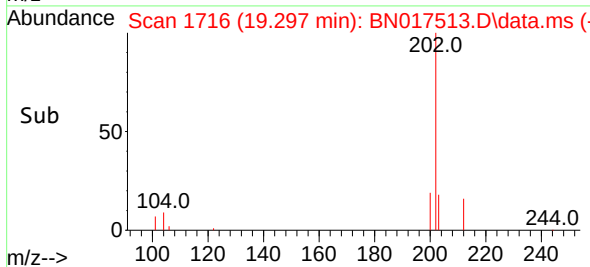
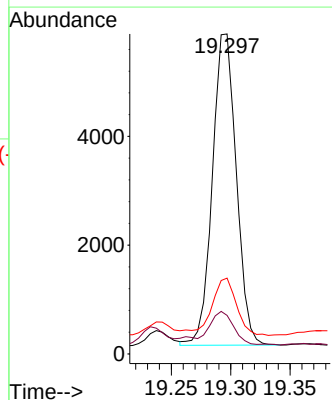
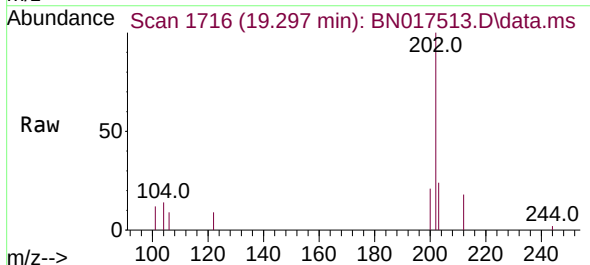
Instrument :
BNA_N
ClientSampleId :
EB-01-B-111721

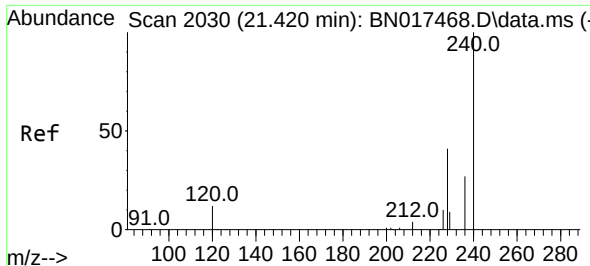
Tgt Ion:212 Resp: 116654
Ion Ratio Lower Upper
212 100
106 13.0 10.5 15.7
104 7.5 5.8 8.6



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.297 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion:202 Resp: 8024
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
203 18.5 13.8 20.6

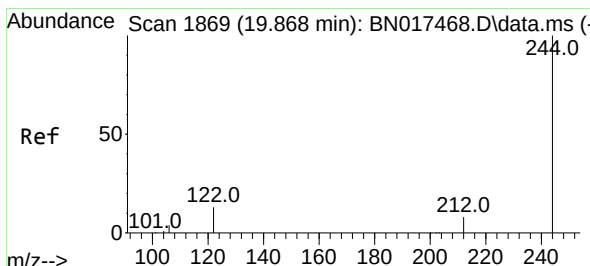
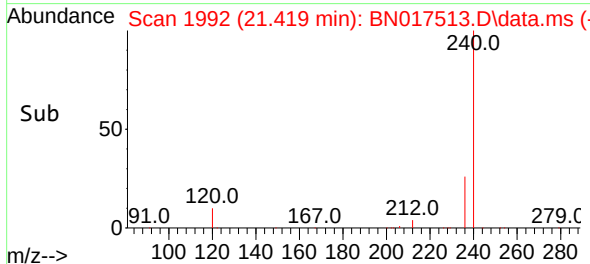
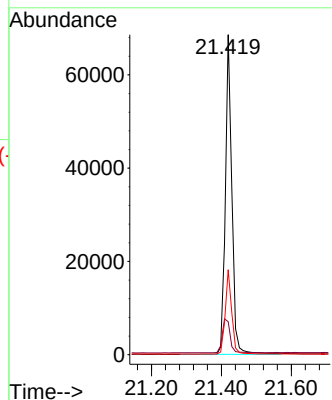
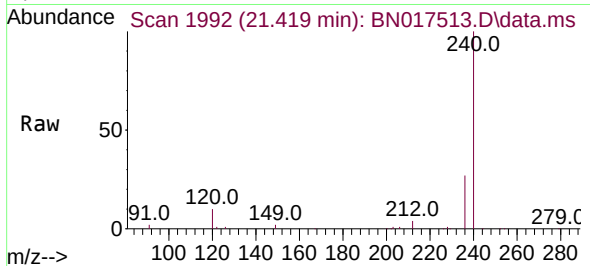




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.419 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

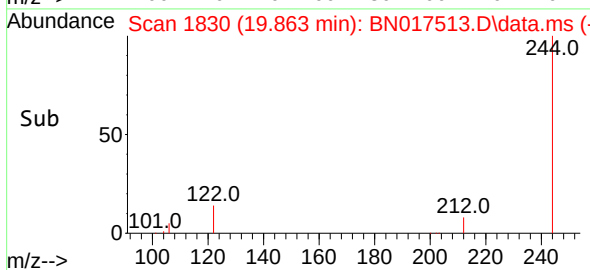
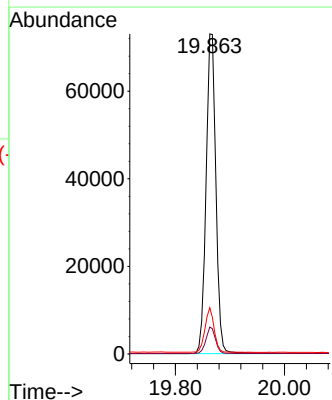
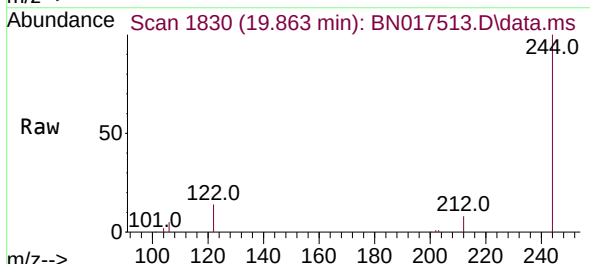
Instrument :
BNA_N
ClientSampleId :
EB-01-B-111721

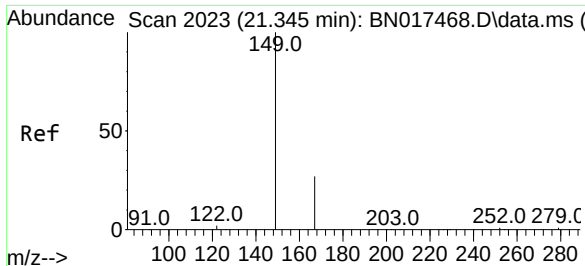
Tgt Ion:240 Resp: 88883
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.2#
236 26.6 20.0 30.0



#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.863 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BN017513.D
Acq: 18 Nov 2021 18:56

Tgt Ion:244 Resp: 91620
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 14.4 8.6 13.0#

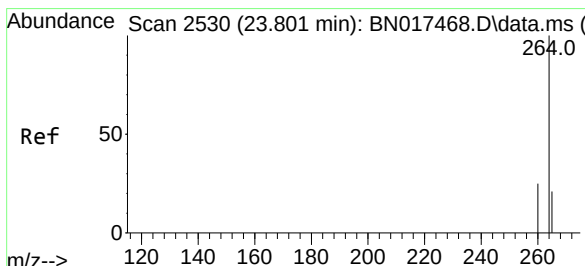
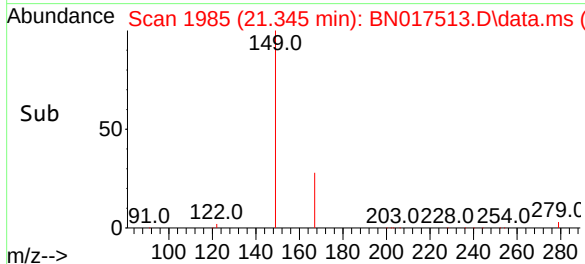
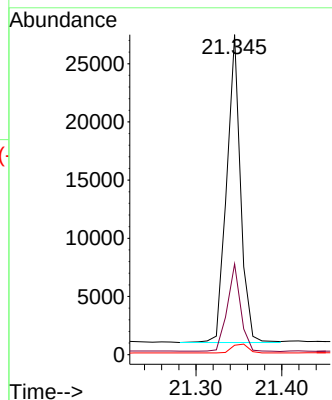
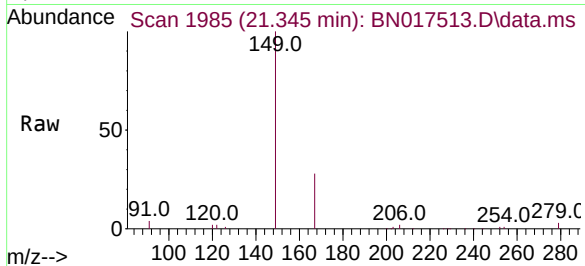




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.206 ng
 RT: 21.345 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: BN017513.D
 Acq: 18 Nov 2021 18:56

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-B-111721

Tgt Ion:	149	Resp:	29664
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.8	32.6
279	3.5	3.4	5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.793 min Scan# 2490
 Delta R.T. -0.007 min
 Lab File: BN017513.D
 Acq: 18 Nov 2021 18:56

Tgt Ion:	264	Resp:	66545
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.2
265	26.3	18.6	28.0

