

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
 Data File : BN013795.D
 Acq On : 01 Mar 2021 17:28
 Operator : CG/JU
 Sample : M1519-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW805-29-34-022621

Quant Time: Mar 01 23:29:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

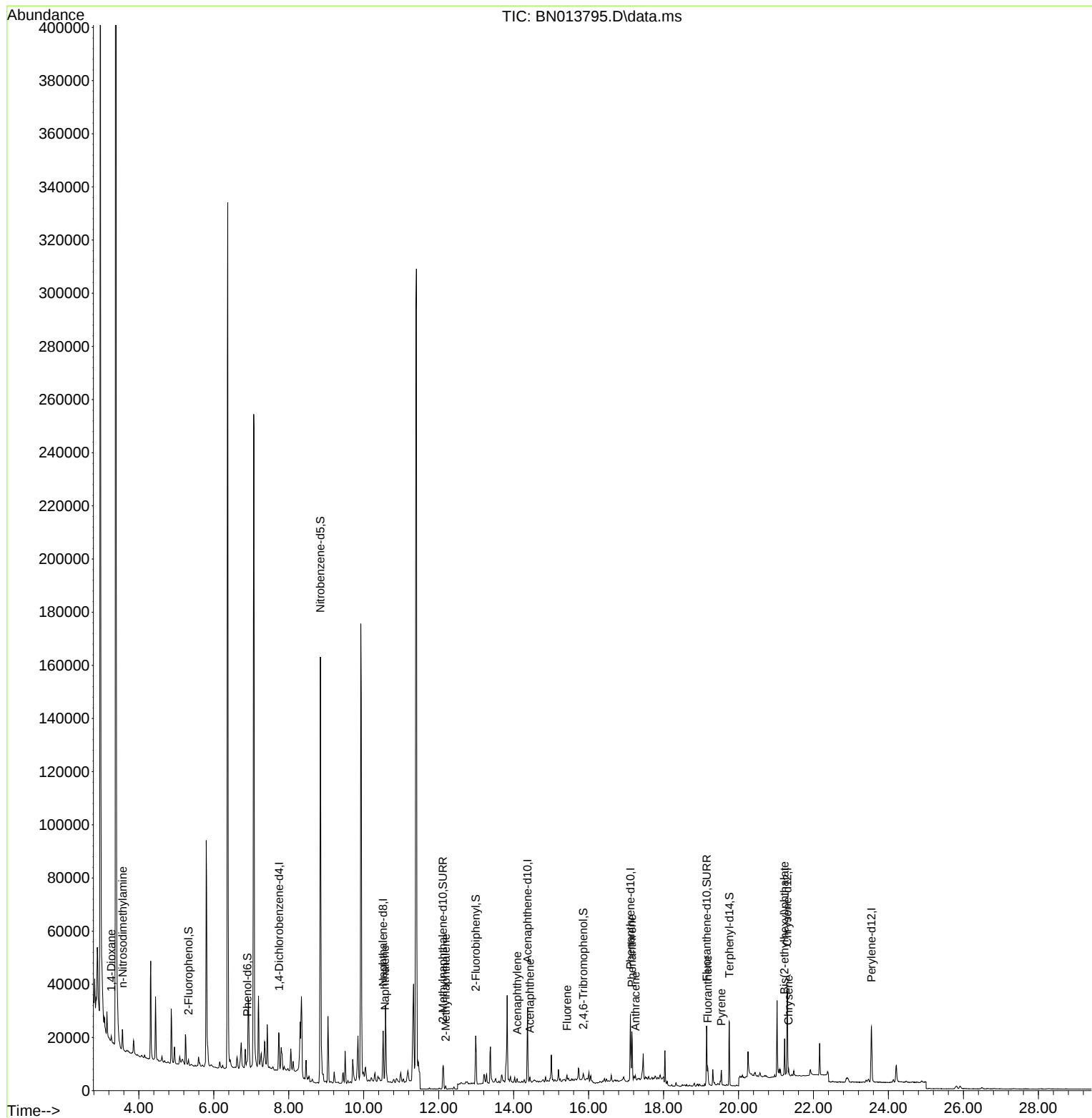
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	6166	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	24385	0.40	ng	#-0.01
13) Acenaphthene-d10	14.372	164	14331	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	30610	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	30328	0.40	ng	# 0.00
36) Perylene-d12	23.547	264	28166	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1546	0.09	ng	0.00
5) Phenol-d6	6.895	99	1502	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	83983	5.36	ng	-0.04
11) 2-Methylnaphthalene-d10	12.111	152	9067	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1478	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	14319	0.28	ng	-0.01
27) Fluoranthene-d10	19.149	212	24067	0.27	ng	0.00
31) Terphenyl-d14	19.754	244	23865	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	1701	0.23	ng	# 43
3) n-Nitrosodimethylamine	3.569	42	672	0.12	ng	# 1
9) Naphthalene	10.568	128	1839	0.03	ng	# 74
12) 2-Methylnaphthalene	12.186	142	848	0.02	ng	# 88
16) Acenaphthylene	14.092	152	1378	0.02	ng	# 93
17) Acenaphthene	14.435	154	900	0.02	ng	94
18) Fluorene	15.425	166	1522	0.03	ng	# 86
25) Phenanthrene	17.153	178	20672	0.26	ng	98
26) Anthracene	17.250	178	1986	0.03	ng	# 93
28) Fluoranthene	19.178	202	5248	0.05	ng	# 68
30) Pyrene	19.541	202	4959	0.05	ng	# 95
33) Chrysene	21.335	228	1984	0.02	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.229	149	11842	0.27	ng	100

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

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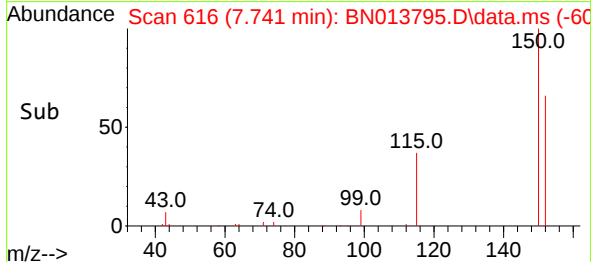
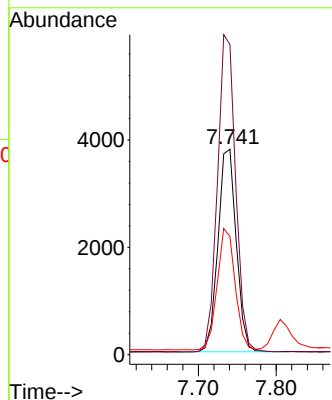
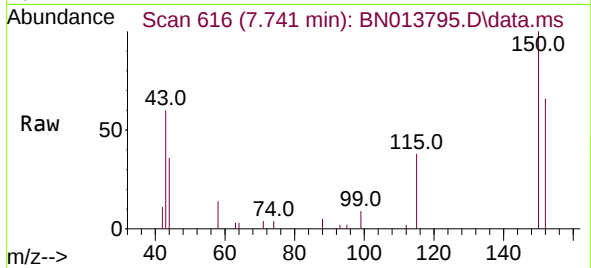




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

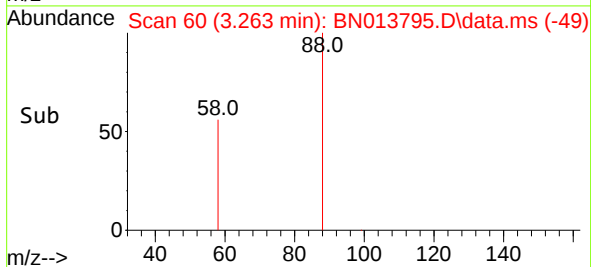
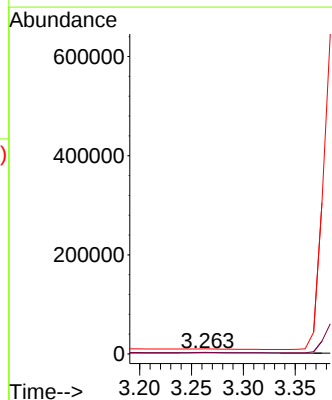
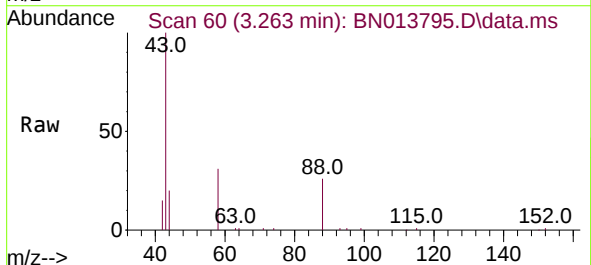
Instrument :
BNA_N
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GW805-29-34-022621

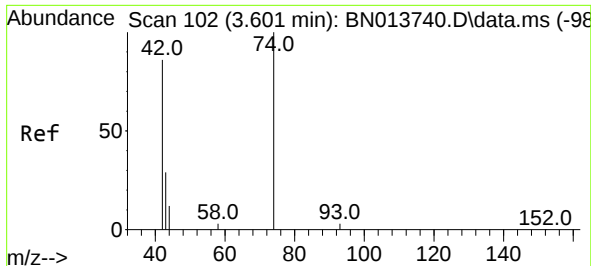
Tgt Ion:152 Resp: 6166
Ion Ratio Lower Upper
152 100
150 150.9 121.8 182.8
115 57.5 46.6 69.8



#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion: 88 Resp: 1701
Ion Ratio Lower Upper
88 100
58 86.0 64.6 96.8
43 135.0 26.6 40.0#

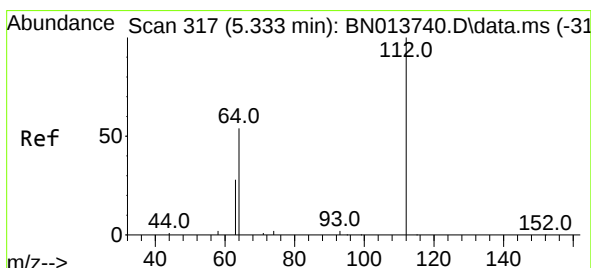
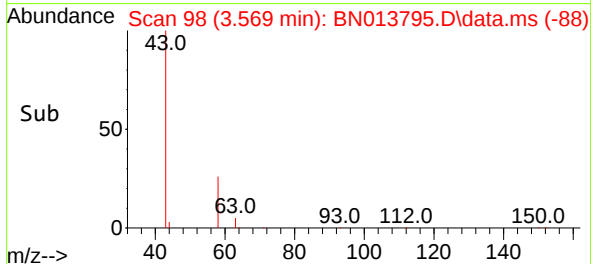
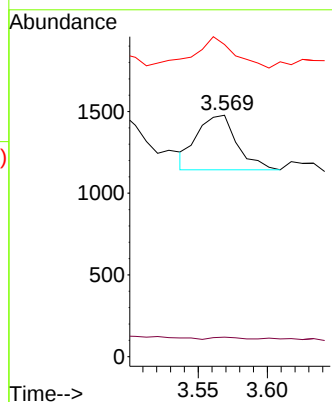
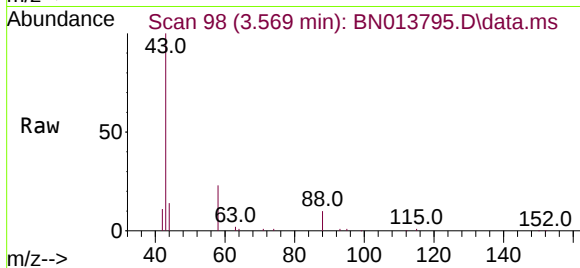




#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.569 min Scan# 98
Delta R.T. -0.016 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

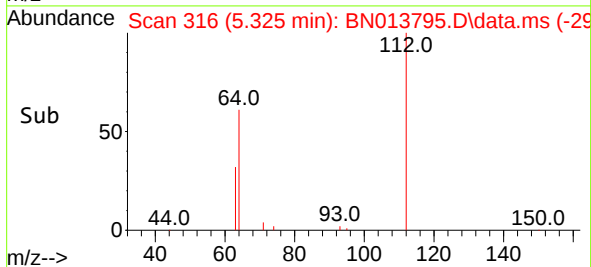
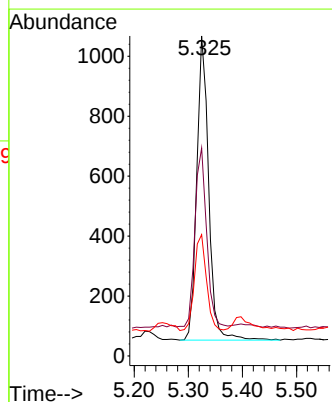
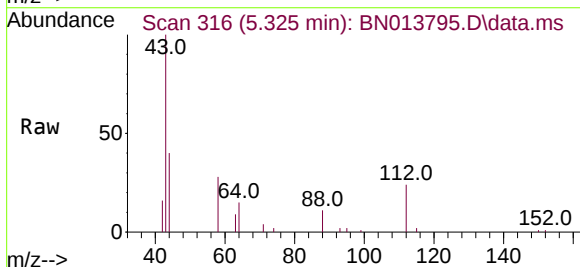
Instrument :
BNA_N
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GW805-29-34-022621

Tgt Ion: 42 Resp: 672
Ion Ratio Lower Upper
42 100
74 2.5 95.0 142.6#
44 58.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion: 112 Resp: 1546
Ion Ratio Lower Upper
112 100
64 58.1 44.3 66.5
63 32.0 23.0 34.6

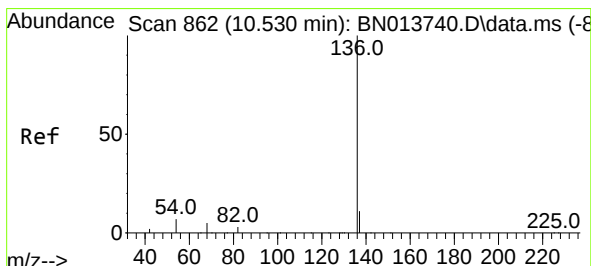
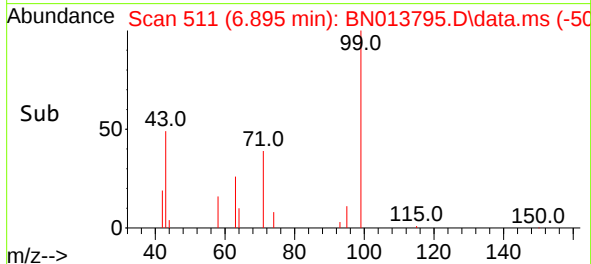
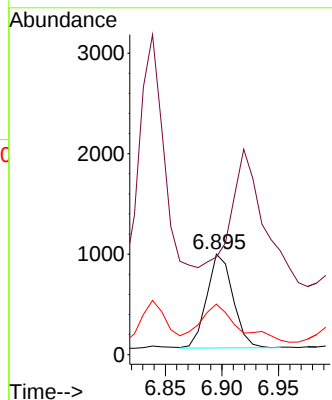
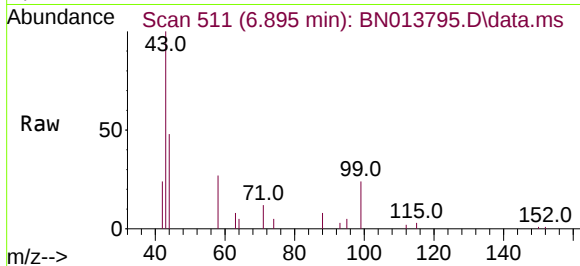




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

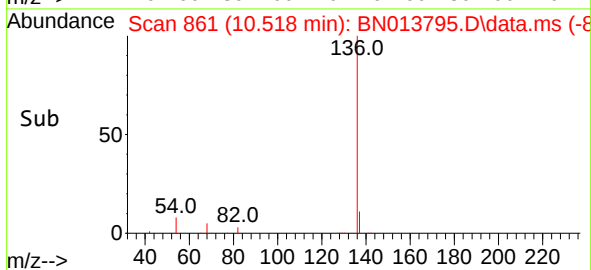
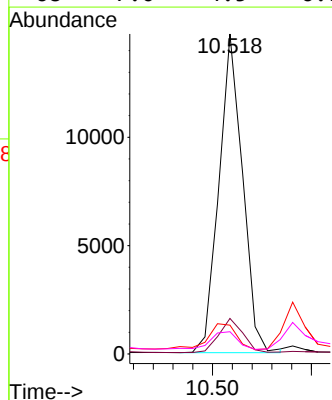
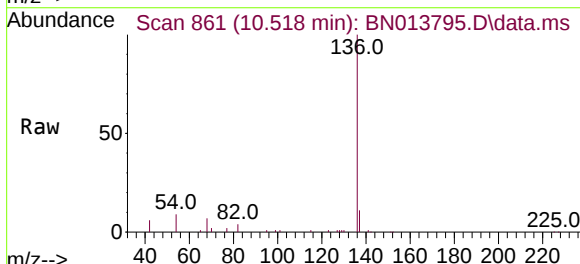
Instrument :
BNA_N
ClientSampleId :
GW805-29-34-022621

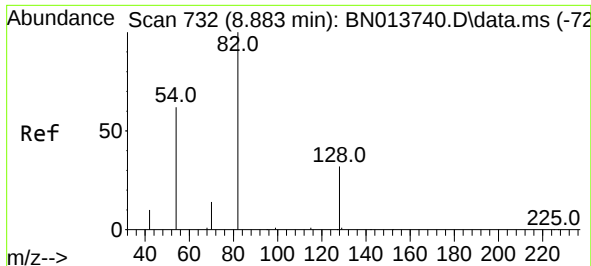
Tgt Ion: 99 Resp: 1502
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 57.7 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion: 136 Resp: 24385
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.0 6.4 9.6
68 7.0 4.5 6.7#

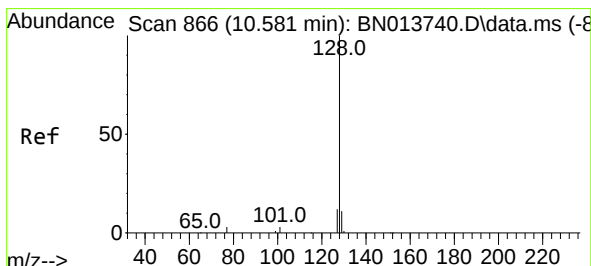
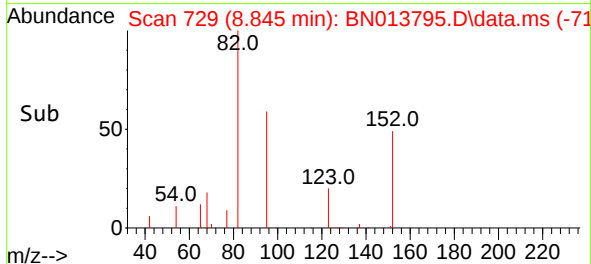
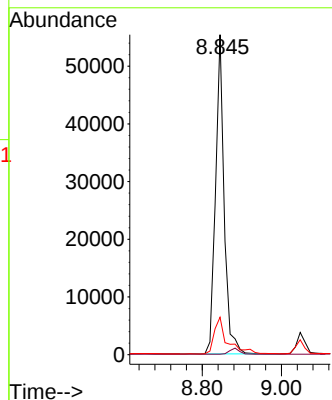
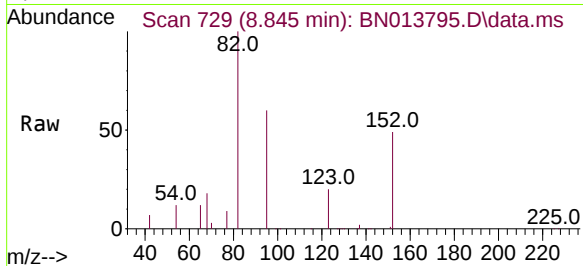




#8
Nitrobenzene-d5
Concen: 5.36 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.038 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

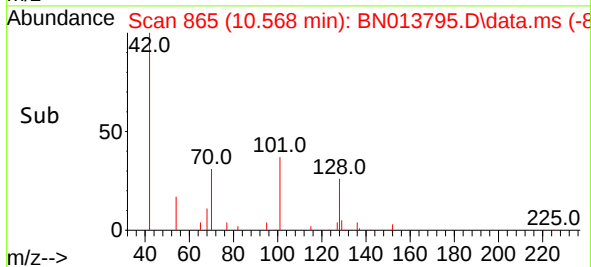
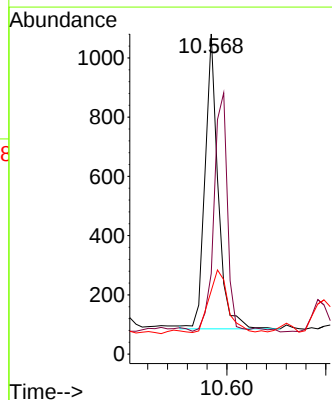
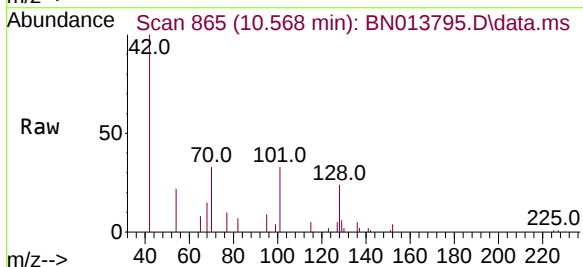
Instrument :
BNA_N
ClientSampleId :
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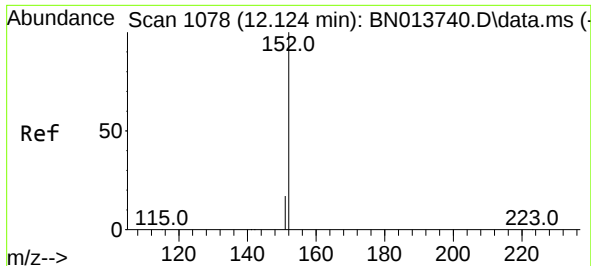
Tgt Ion: 82 Resp: 83983
Ion Ratio Lower Upper
82 100
128 0.2 39.2 58.8#
54 11.7 40.1 60.1#



#9
Naphthalene
Concen: 0.03 ng
RT: 10.568 min Scan# 865
Delta R.T. 0.000 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion: 128 Resp: 1839
Ion Ratio Lower Upper
128 100
129 25.2 9.0 13.4#
127 19.8 10.4 15.6#

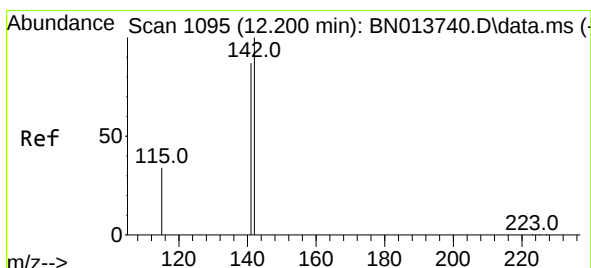
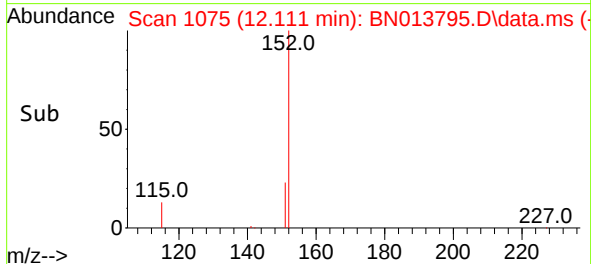
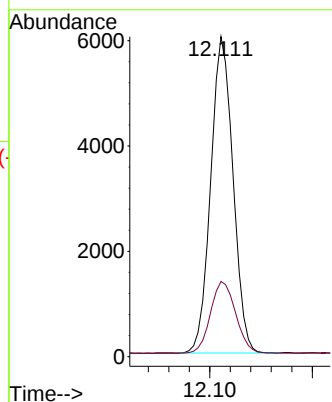
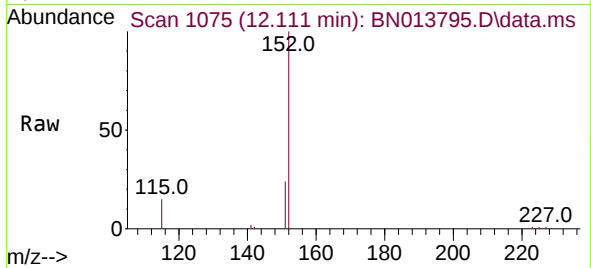




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

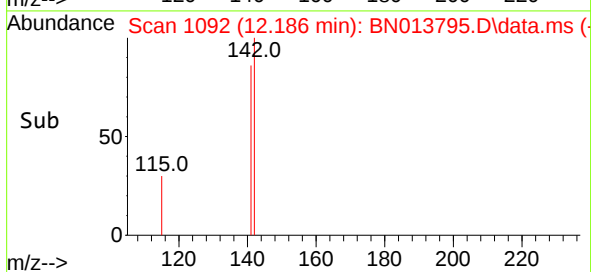
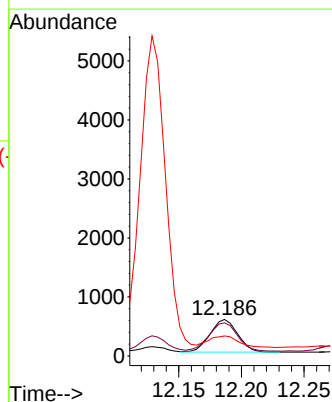
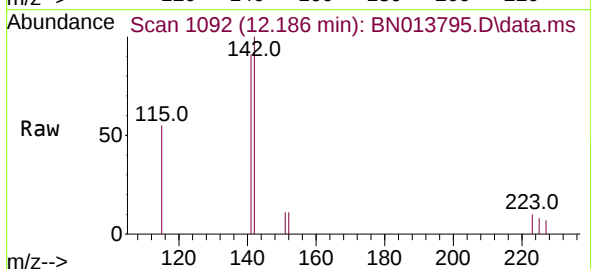
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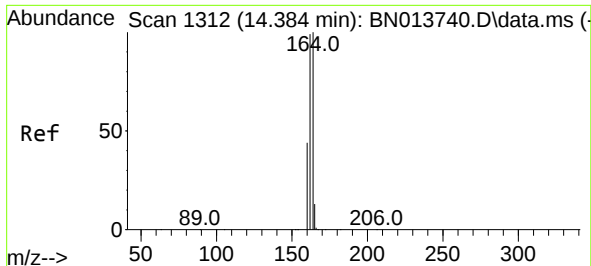
Tgt Ion:152 Resp: 9067
Ion Ratio Lower Upper
152 100
151 25.8 16.2 24.2#



#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.186 min Scan# 1092
Delta R.T. -0.009 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion:142 Resp: 848
Ion Ratio Lower Upper
142 100
141 91.1 70.5 105.7
115 54.9 27.4 41.0#

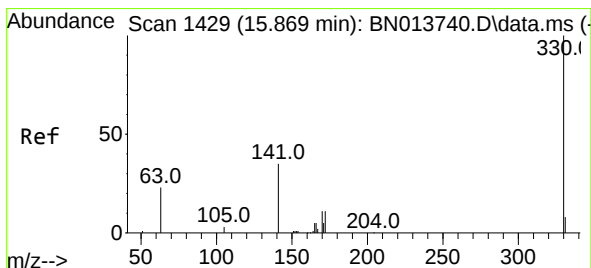
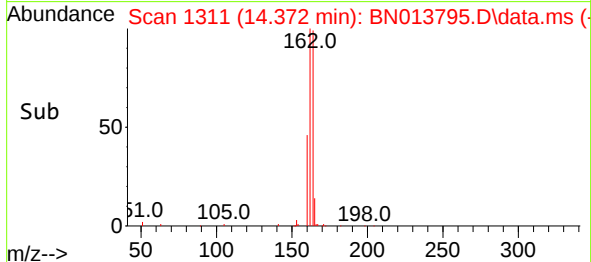
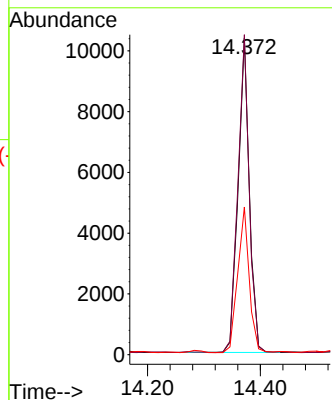
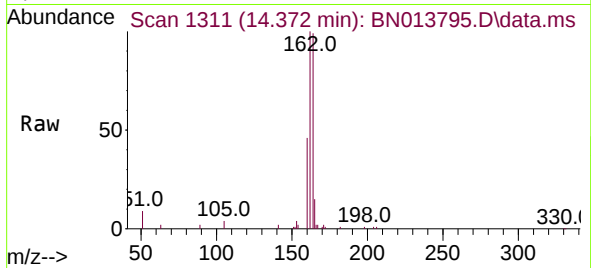




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

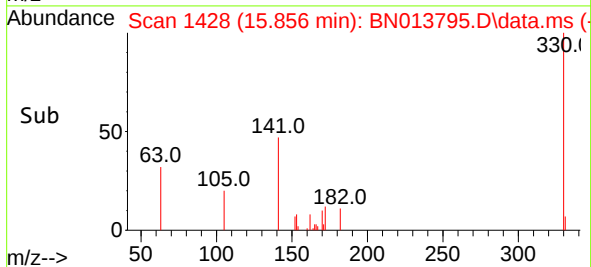
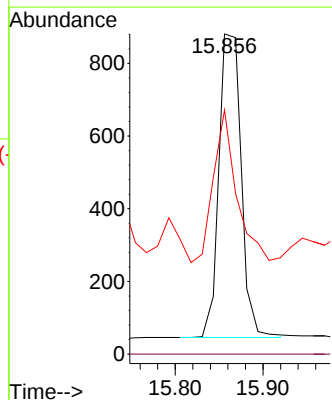
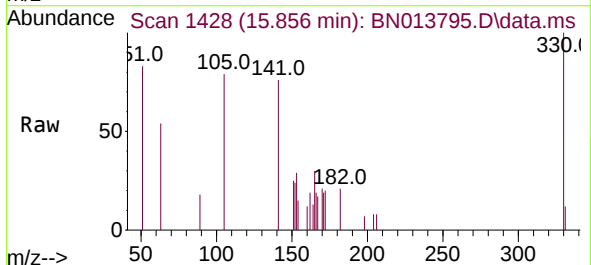
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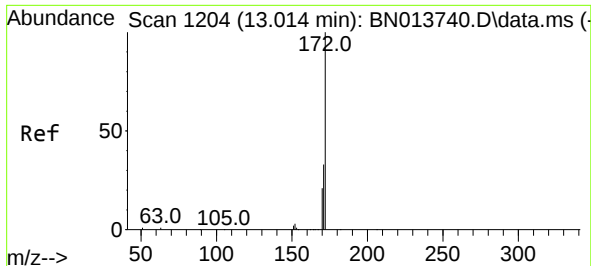
Tgt Ion:164 Resp: 14331
Ion Ratio Lower Upper
164 100
162 101.0 79.6 119.4
160 46.6 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion:330 Resp: 1478
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.9 26.8 40.2#

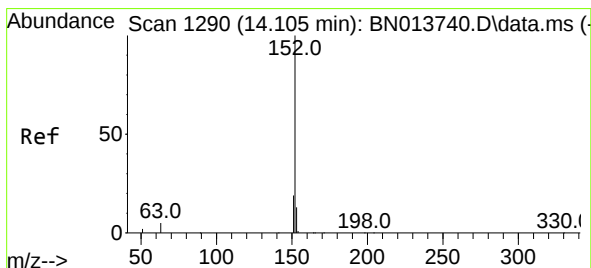
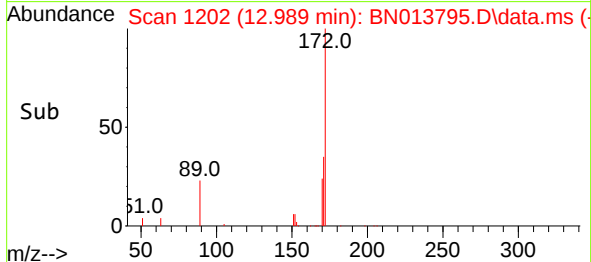
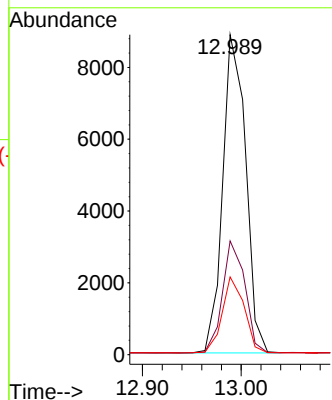
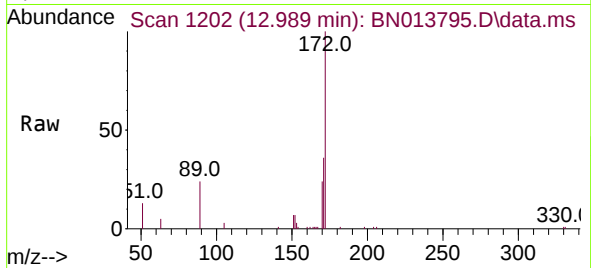




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

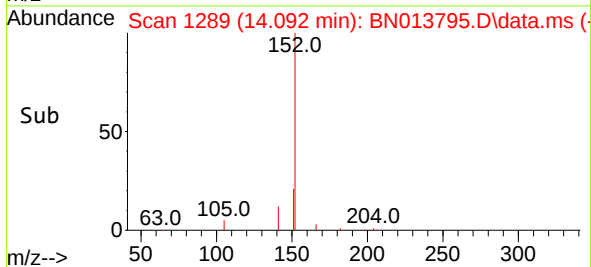
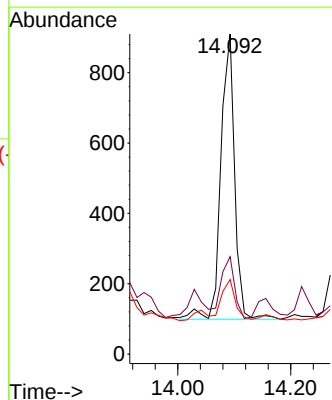
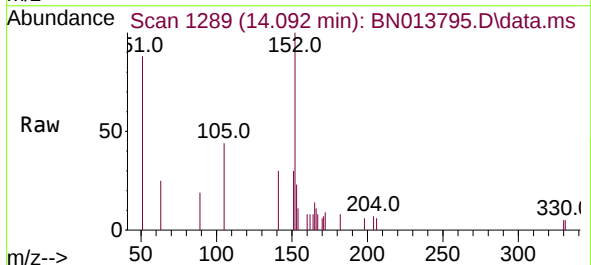
Instrument :
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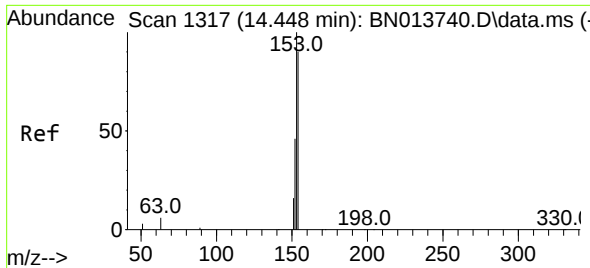
Tgt Ion:172 Resp: 14319
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.3 18.9 28.3



#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.092 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion:152 Resp: 1378
Ion Ratio Lower Upper
152 100
151 21.3 15.7 23.5
153 18.3 10.5 15.7#

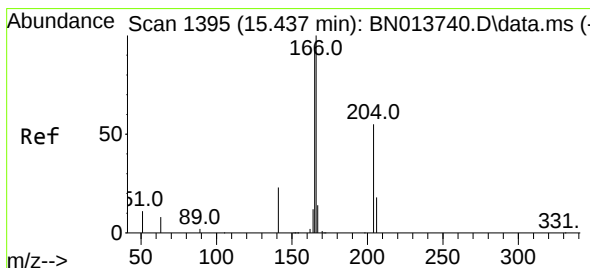
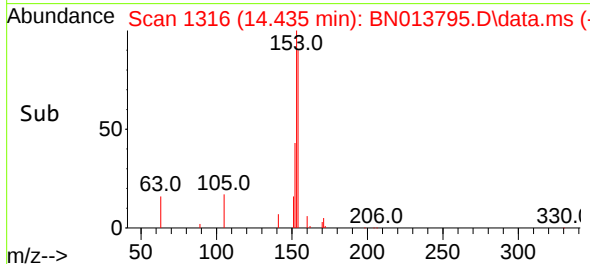
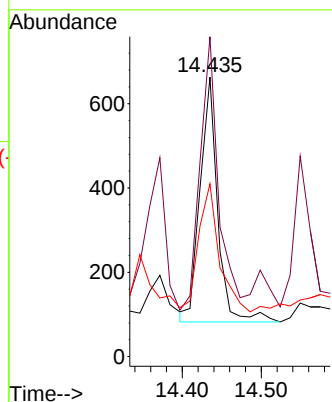
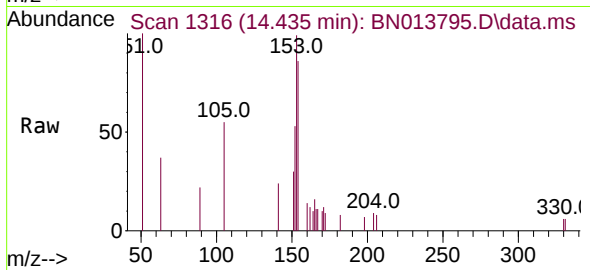




#17
Acenaphthene
Concen: 0.02 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

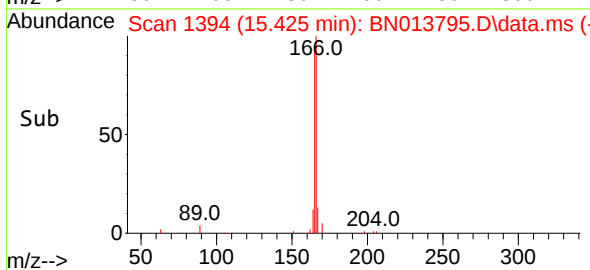
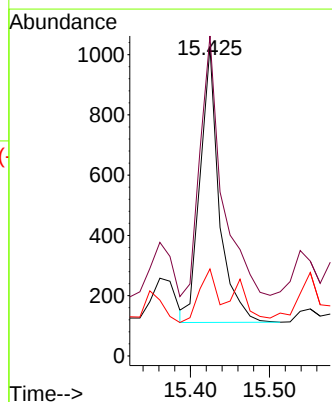
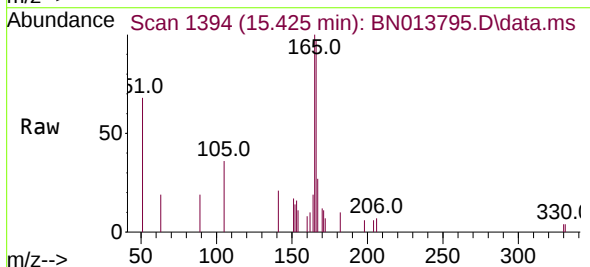
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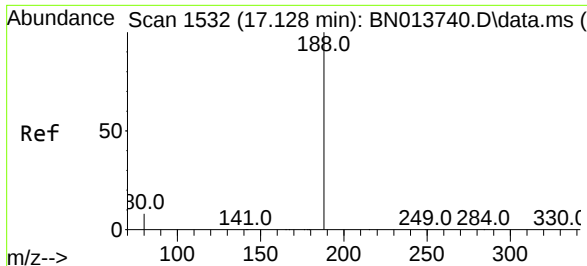
Tgt Ion:154 Resp: 900
Ion Ratio Lower Upper
154 100
153 115.3 88.4 132.6
152 60.9 43.0 64.4



#18
Fluorene
Concen: 0.03 ng
RT: 15.425 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion:166 Resp: 1522
Ion Ratio Lower Upper
166 100
165 110.6 77.8 116.8
167 21.8 10.6 16.0#

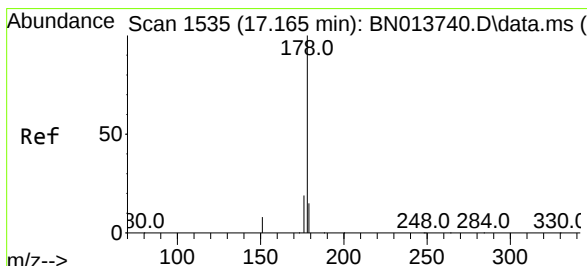
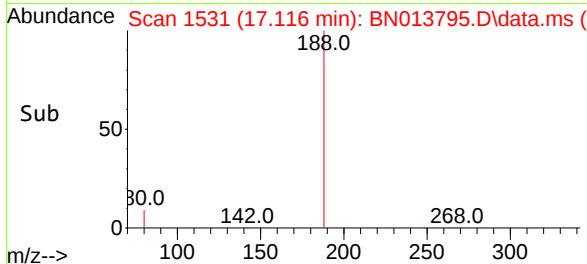
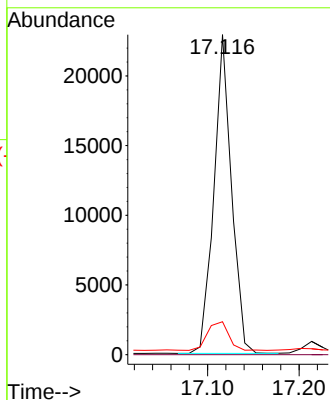
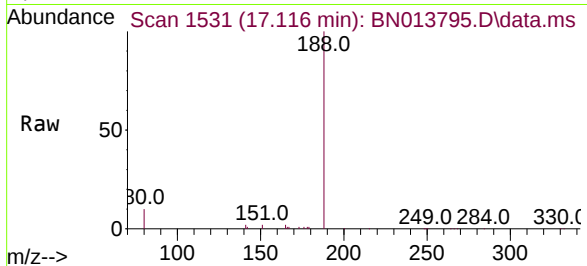




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

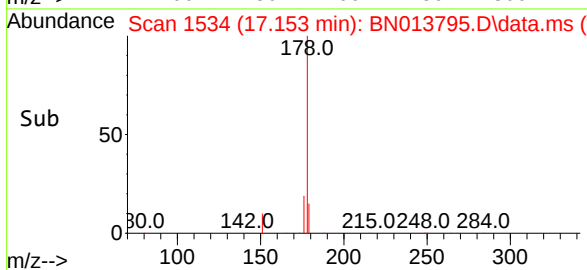
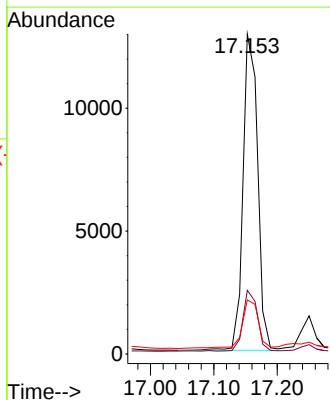
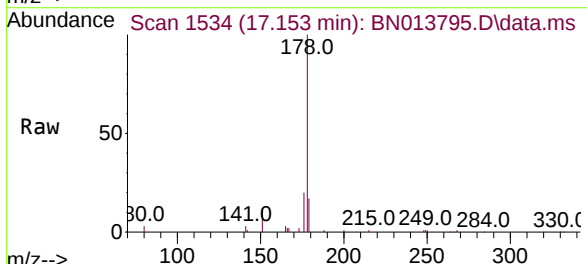
Instrument :
BNA_N
ClientSampleId :
GW805-29-34-022621

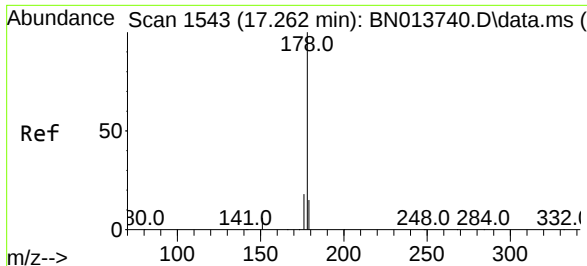
Tgt Ion:188 Resp: 30610
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 9.0 13.6



#25
Phenanthrene
Concen: 0.26 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion:178 Resp: 20672
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 17.5 12.3 18.5

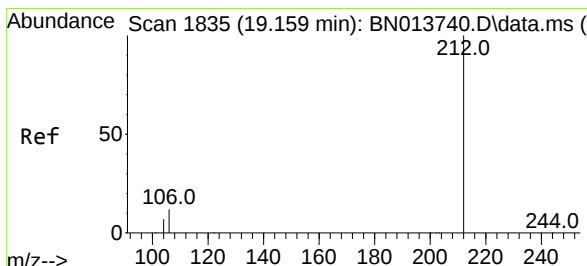
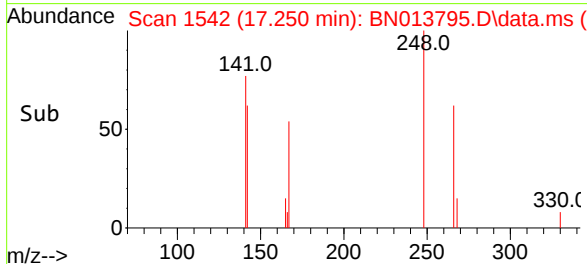
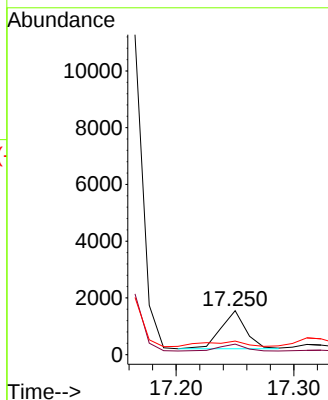
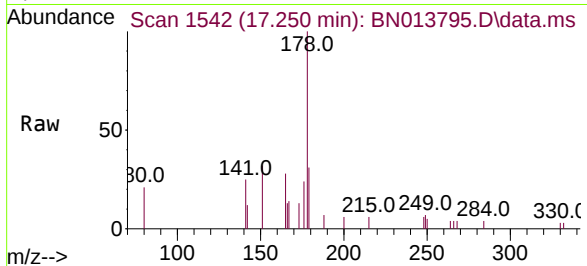




#26
 Anthracene
 Concen: 0.03 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. 0.001 min
 Lab File: BN013795.D
 Acq: 01 Mar 2021 17:28

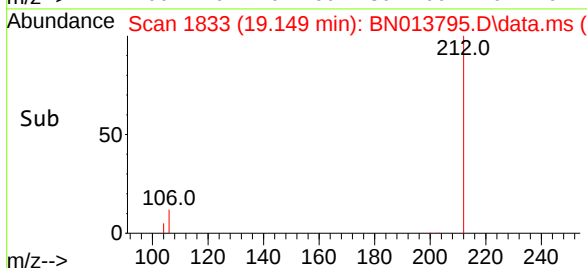
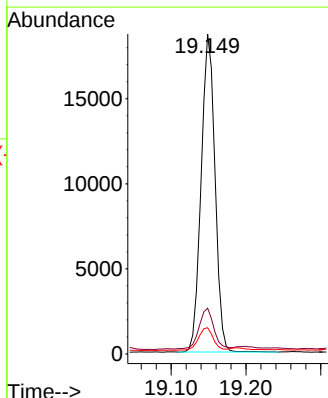
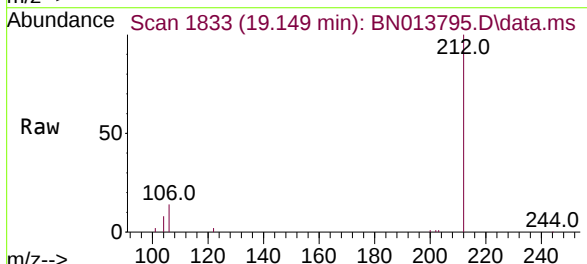
Instrument :
 BNA_N
 ClientSampleId :
 GW805-29-34-022621

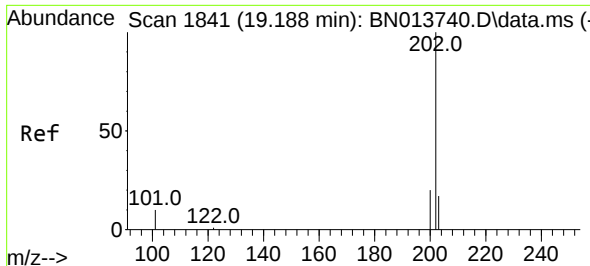
Tgt Ion:178 Resp: 1986
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 21.8
 179 20.8 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.27 ng
 RT: 19.149 min Scan# 1833
 Delta R.T. -0.007 min
 Lab File: BN013795.D
 Acq: 01 Mar 2021 17:28

Tgt Ion:212 Resp: 24067
 Ion Ratio Lower Upper
 212 100
 106 13.5 9.7 14.5
 104 7.8 5.5 8.3

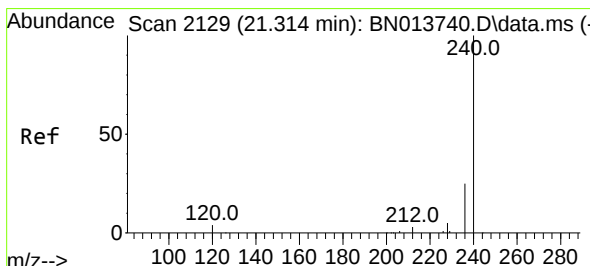
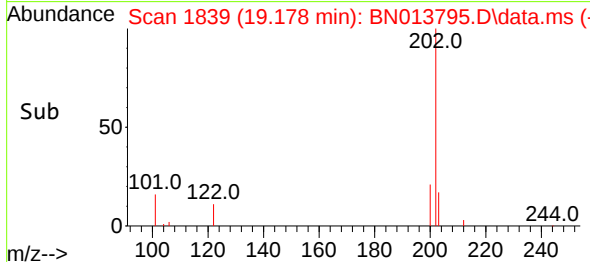
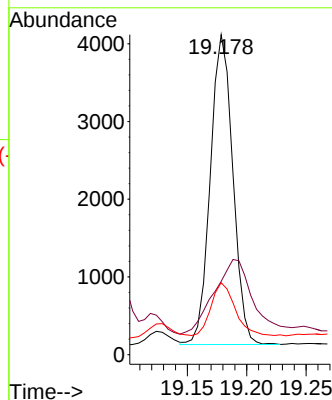
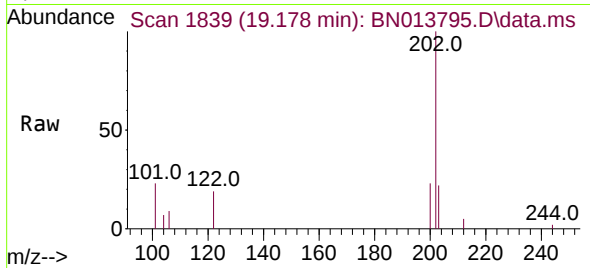




#28
Fluoranthene
Concen: 0.05 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

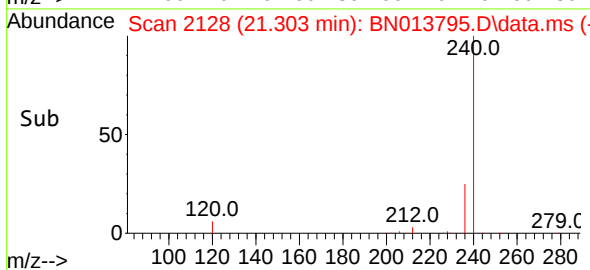
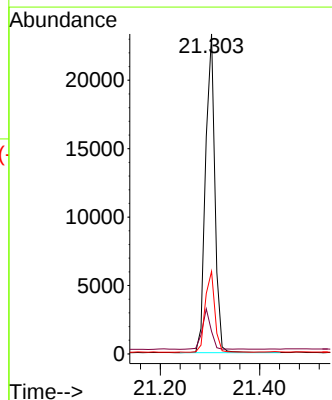
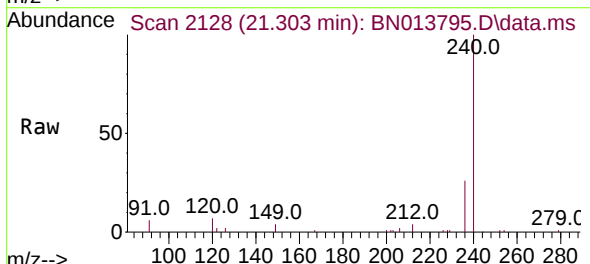
Instrument :
BNA_N
ClientSampleId :
GW805-29-34-022621

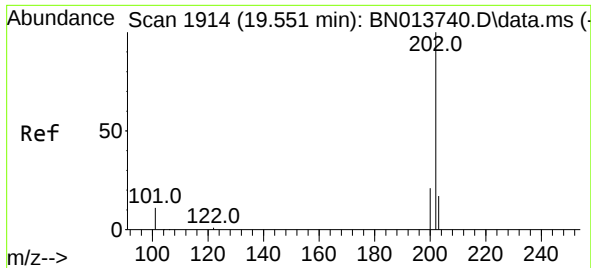
Tgt Ion:202 Resp: 5248
Ion Ratio Lower Upper
202 100
101 41.7 8.1 12.1#
203 18.1 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion:240 Resp: 30328
Ion Ratio Lower Upper
240 100
120 7.0 10.2 15.4#
236 25.8 21.3 31.9

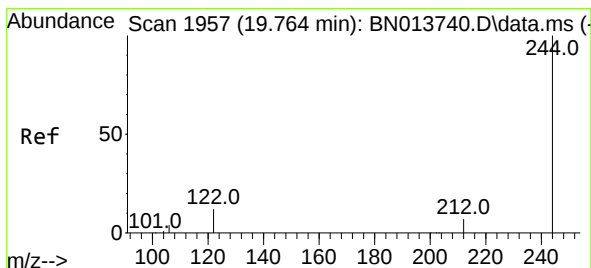
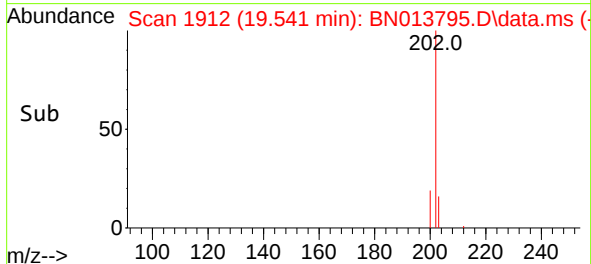
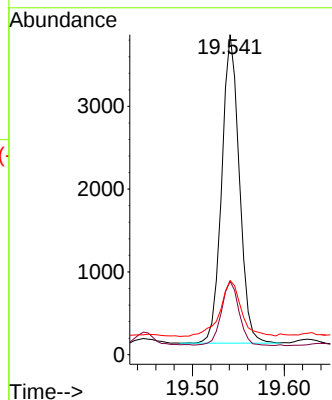
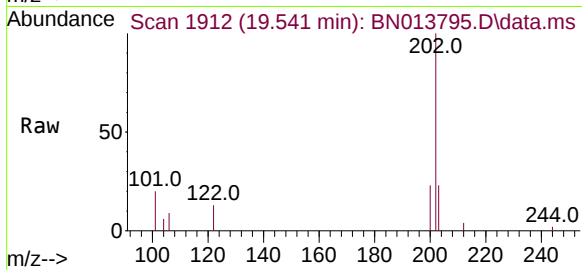




#30
Pyrene
Concen: 0.05 ng
RT: 19.541 min Scan# 1912
Delta R.T. -0.007 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

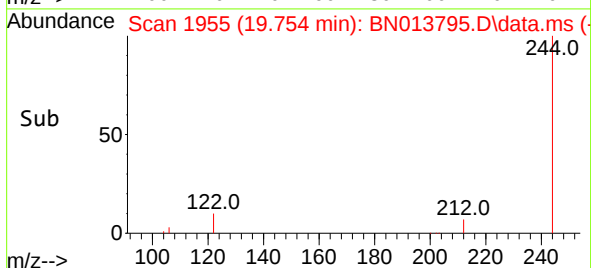
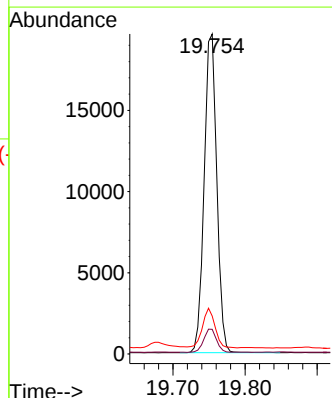
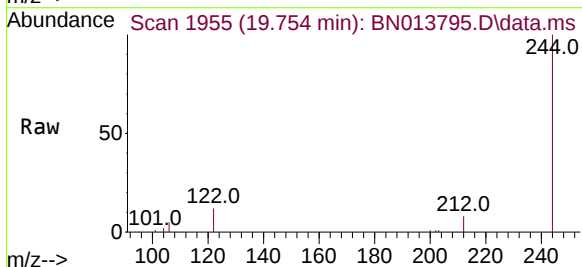
Instrument :
BNA_N
ClientSampleId :
GW805-29-34-022621

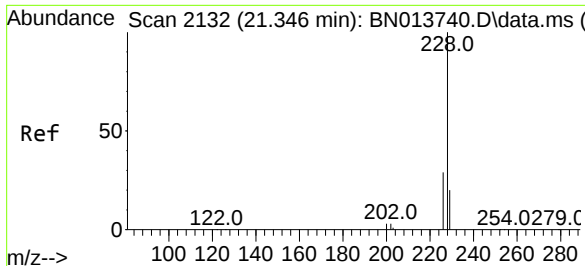
Tgt Ion:	202	Resp:	4959
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.3	24.5
203	22.0	14.0	21.0#



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN013795.D
Acq: 01 Mar 2021 17:28

Tgt Ion:	244	Resp:	23865
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.1	9.1
122	11.9	9.8	14.8





#33

Chrysene

Concen: 0.02 ng

RT: 21.335 min Scan# 2131

Delta R.T. -0.008 min

Lab File: BN013795.D

Acq: 01 Mar 2021 17:28

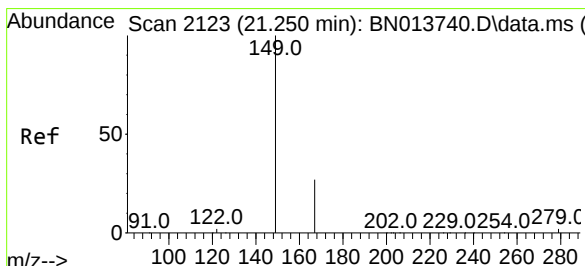
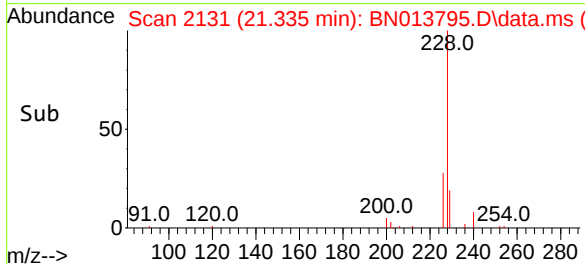
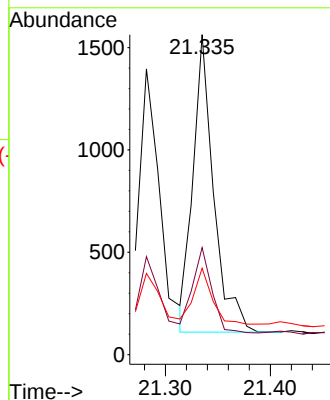
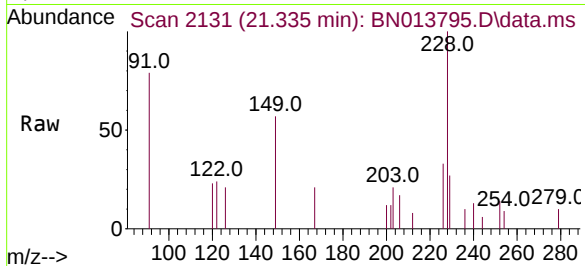
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:228	Resp:	1984
Ion Ratio	Lower	Upper
228	100	
226	33.5	24.3 36.5
229	27.0	15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

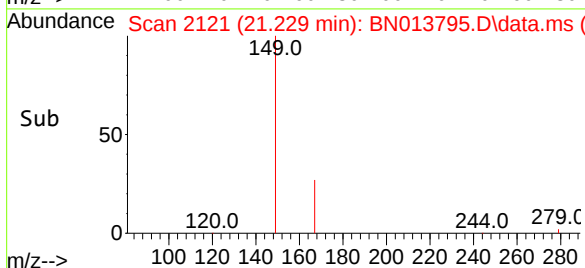
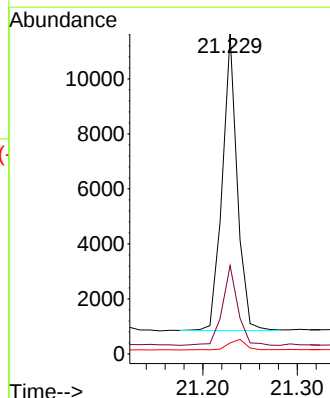
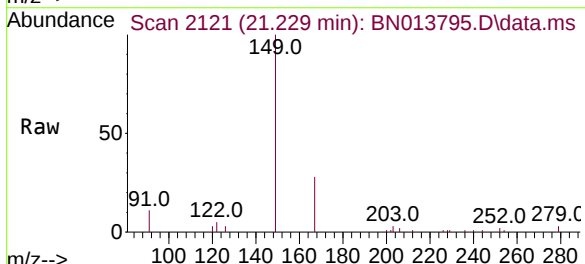
RT: 21.229 min Scan# 2121

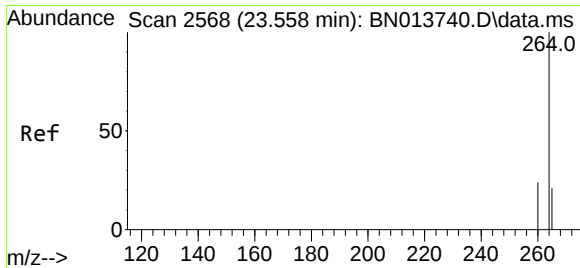
Delta R.T. -0.008 min

Lab File: BN013795.D

Acq: 01 Mar 2021 17:28

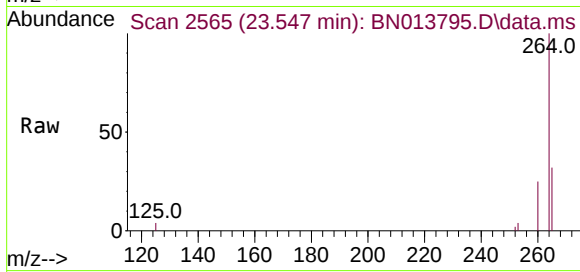
Tgt Ion:149	Resp:	11842
Ion Ratio	Lower	Upper
149	100	
167	27.6	22.1 33.1
279	4.2	3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.547 min Scan# 2565
 Delta R.T. -0.004 min
 Lab File: BN013795.D
 Acq: 01 Mar 2021 17:28

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:264 Resp: 28166

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	32.0	66.2	99.4#

