

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013286.D
 Acq On : 23 Dec 2020 00:13
 Operator : CG/JU
 Sample : L5124-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20201211

Quant Time: Dec 23 00:54:51 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

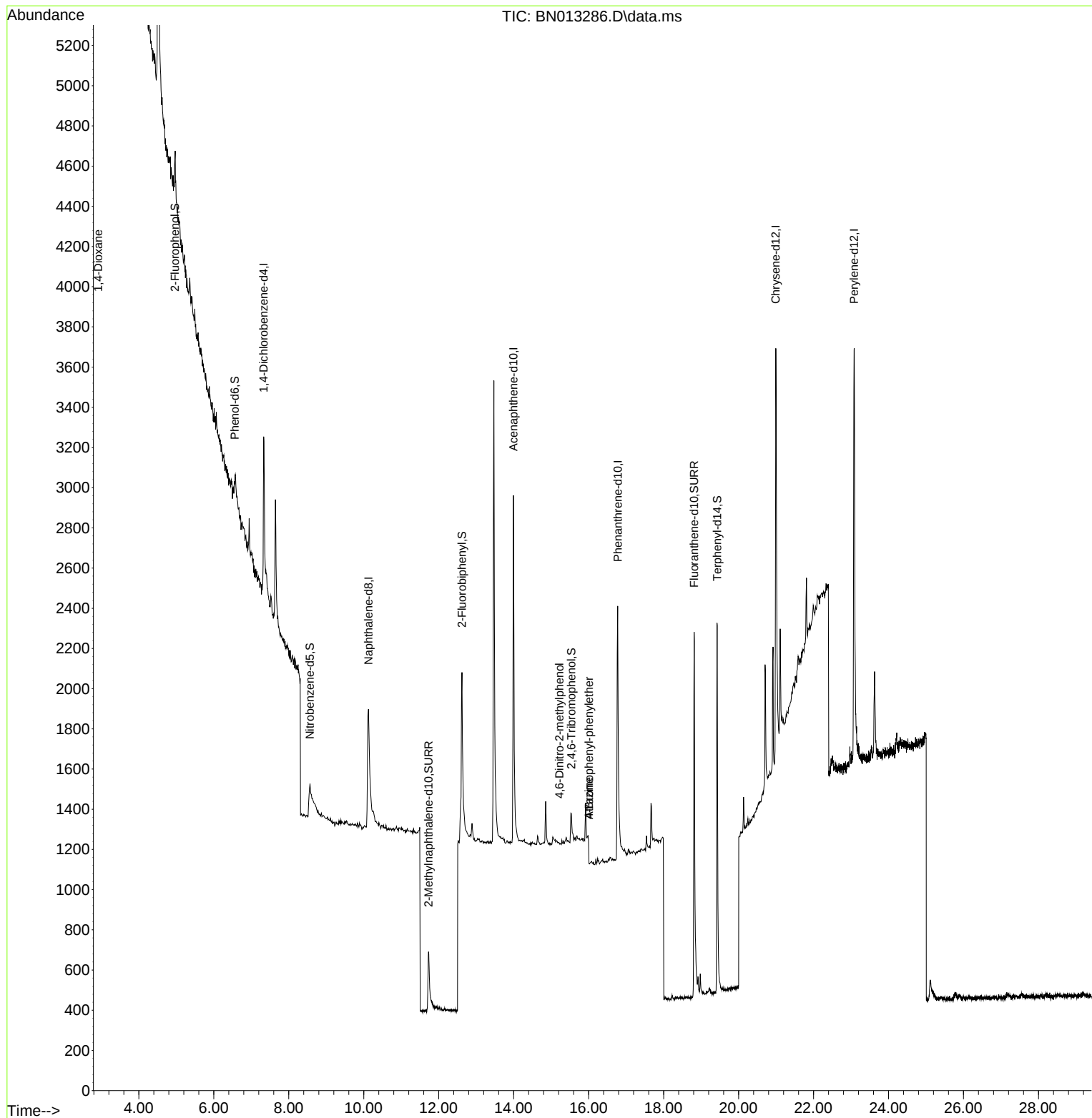
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	621	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1872	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1301	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2962	0.40	ng	# 0.01
29) Chrysene-d12	20.992	240	3111	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	3417	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	228	0.09	ng	0.00
5) Phenol-d6	6.557	99	112	0.04	ng	0.02
8) Nitrobenzene-d5	8.566	82	434	0.22	ng	0.06
11) 2-Methylnaphthalene-d10	11.728	152	825	0.25	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	196	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	1281	0.23	ng	0.01
27) Fluoranthene-d10	18.813	212	3210	0.33	ng	0.00
31) Terphenyl-d14	19.429	244	2693	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.917	88	3433	3.17	ng	98
20) 4,6-Dinitro-2-methylph...	15.222	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	203	0.35	ng	# 77
23) Atrazine	16.008	200	203	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.918	149	575	Below	Cal	97

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

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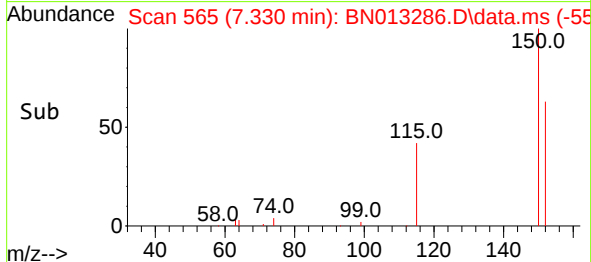
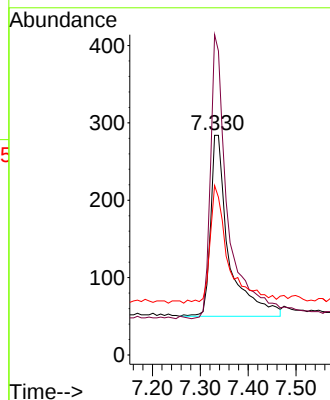
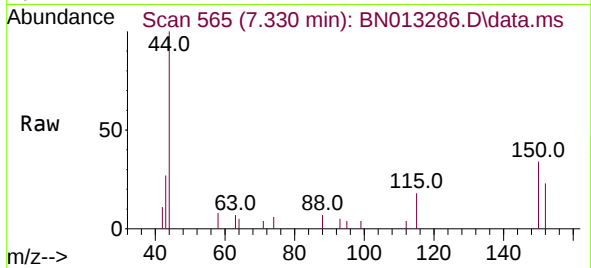




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

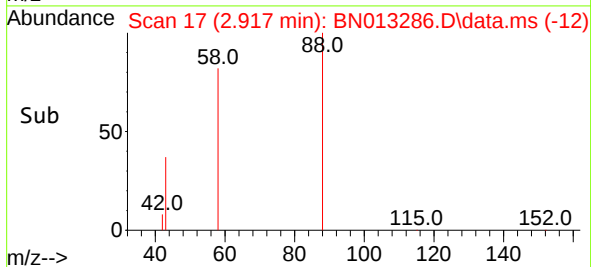
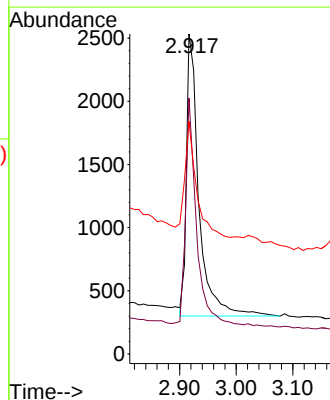
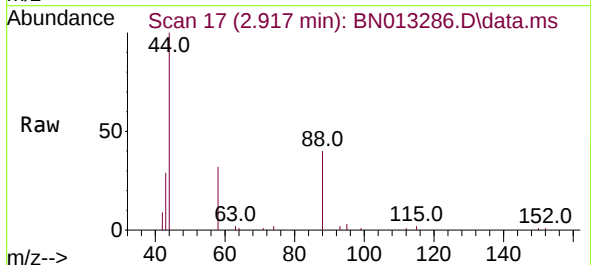
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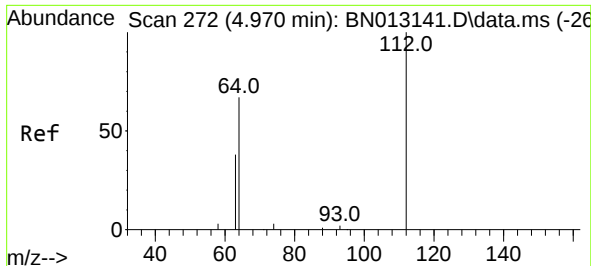
Tgt Ion:152 Resp: 621
Ion Ratio Lower Upper
152 100
150 145.8 116.6 174.8
115 77.1 52.9 79.3



#2
1,4-Dioxane
Concen: 3.17 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion: 88 Resp: 3433
Ion Ratio Lower Upper
88 100
58 73.1 59.4 89.2
43 38.2 32.3 48.5

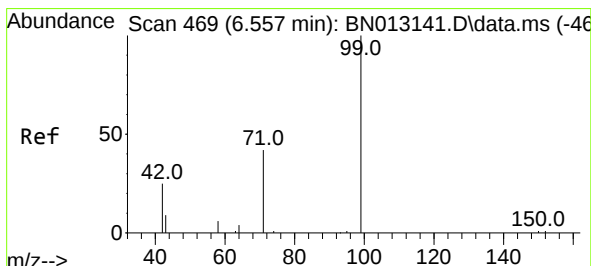
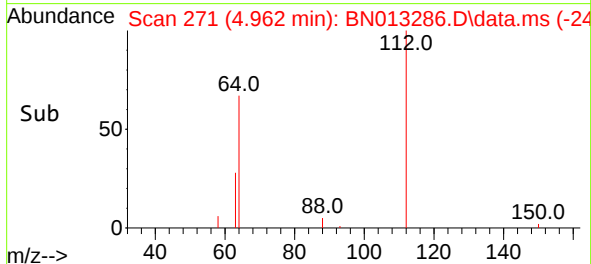
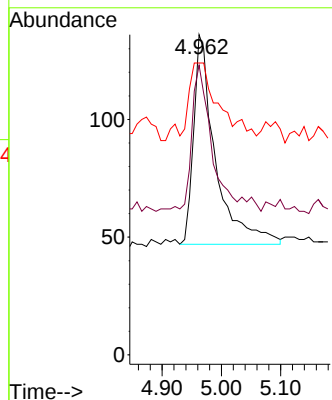
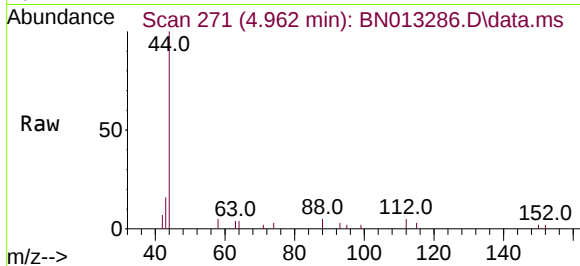




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

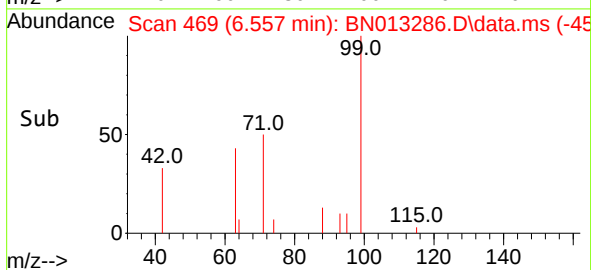
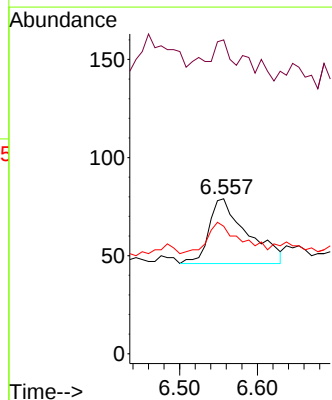
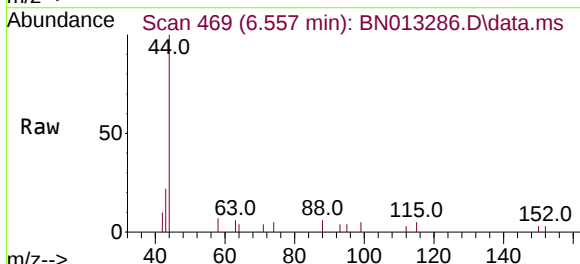
Instrument :
BNA_N
ClientSampleId :
RE109D1-20201211

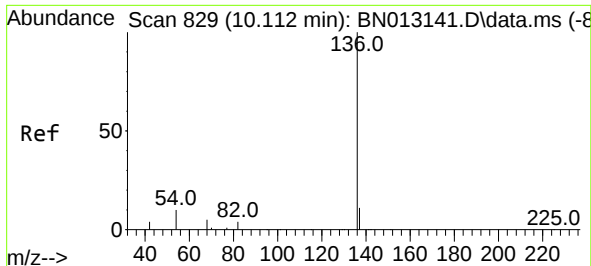
Tgt Ion:112 Resp: 228
Ion Ratio Lower Upper
112 100
64 62.3 49.5 74.3
63 53.5 32.0 48.0#



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion: 99 Resp: 112
Ion Ratio Lower Upper
99 100
42 12.5 22.4 33.6#
71 37.5 37.8 56.6#

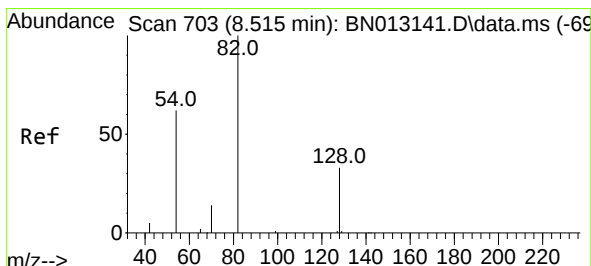
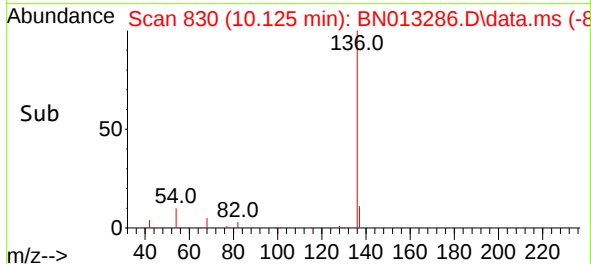
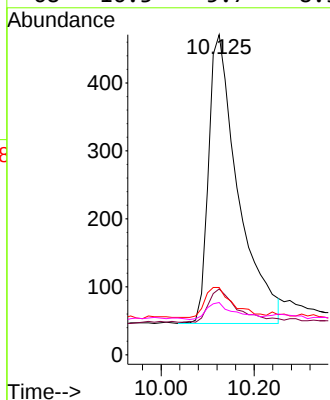
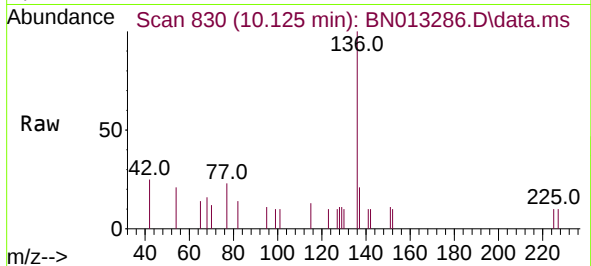




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

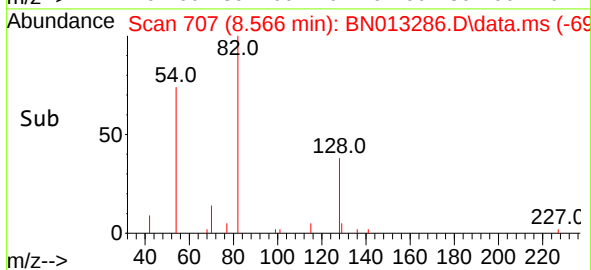
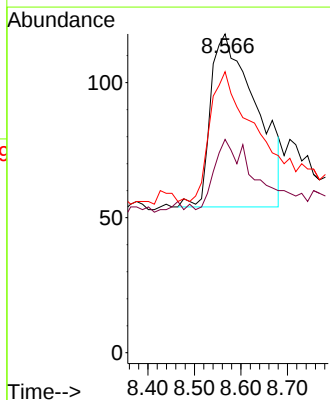
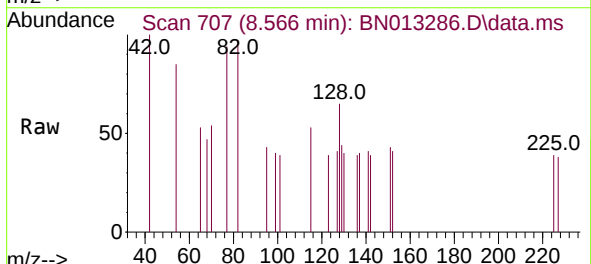
Instrument :
BNA_N
ClientSampleId :
RE109D1-20201211

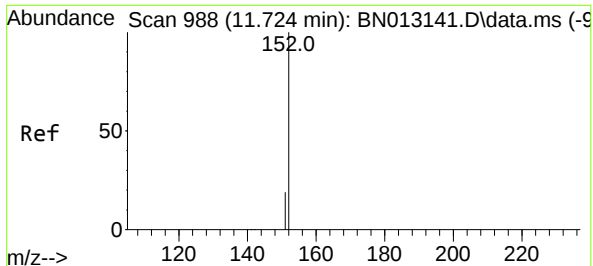
Tgt Ion:	136	Resp:	1872
Ion Ratio	Lower	Upper	
136	100		
137	20.6	10.6	15.8#
54	21.0	8.6	12.8#
68	16.3	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.063 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion:	82	Resp:	434
Ion Ratio	Lower	Upper	
82	100		
128	66.9	30.6	46.0#
54	88.1	48.3	72.5#

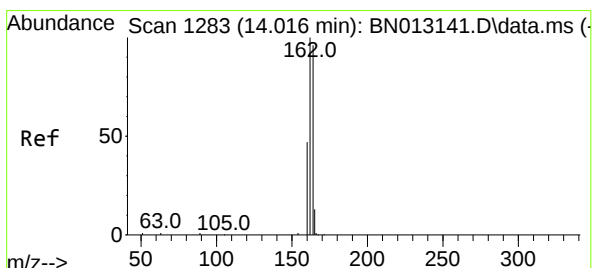
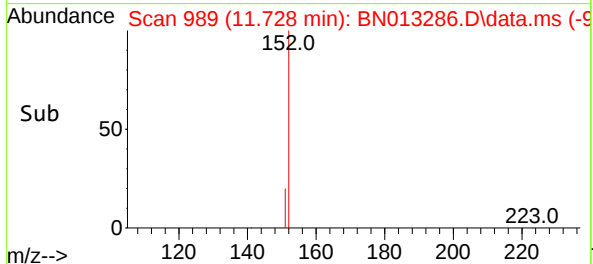
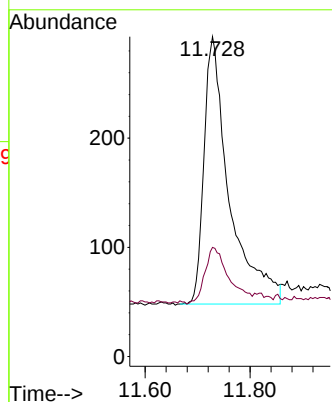
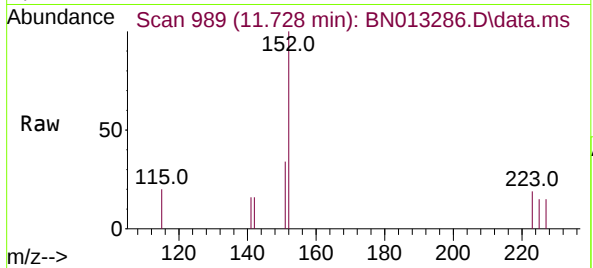




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.728 min Scan# 989
Delta R.T. 0.022 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

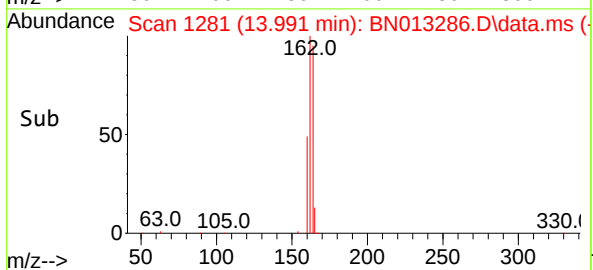
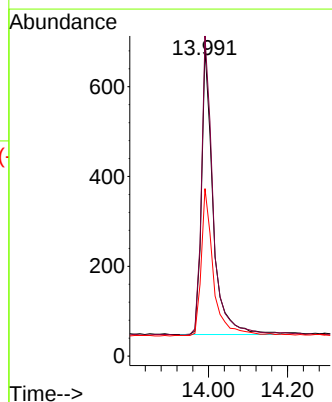
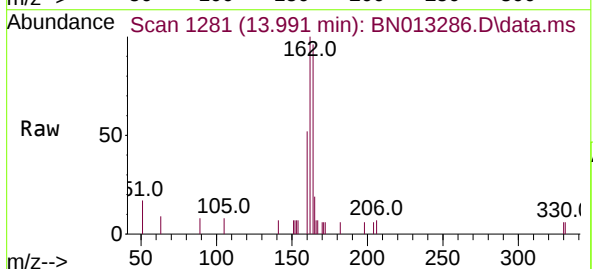
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ClientSampleId :
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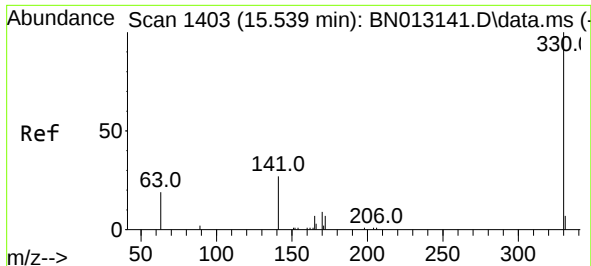
Tgt Ion:152 Resp: 825
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion:164 Resp: 1301
Ion Ratio Lower Upper
164 100
162 103.9 80.6 120.8
160 54.4 39.5 59.3

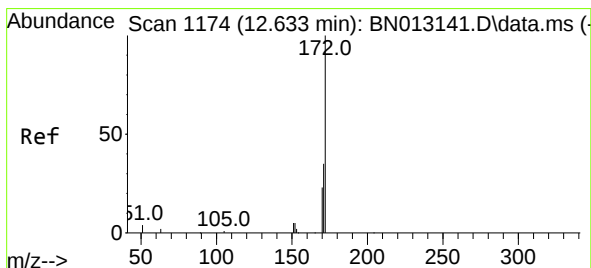
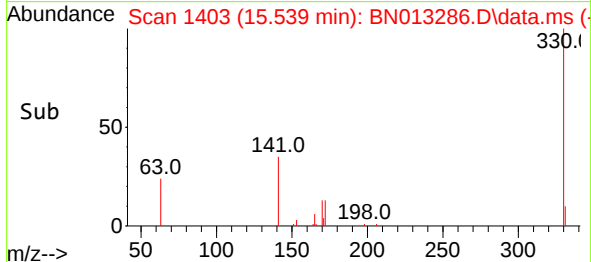
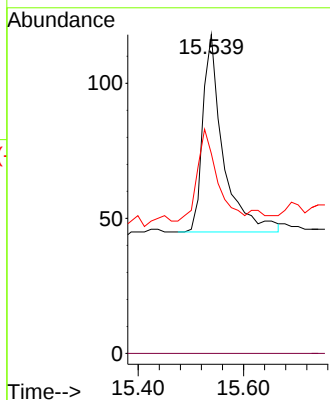
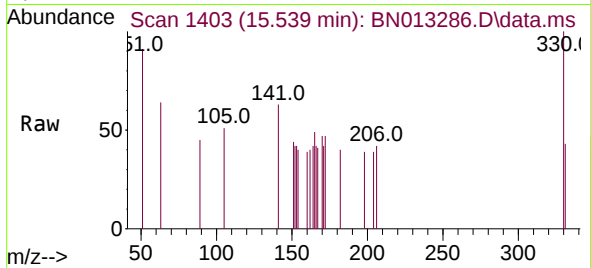




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

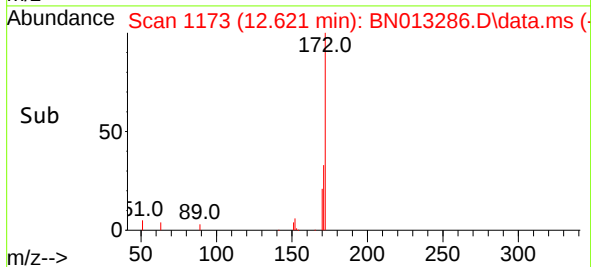
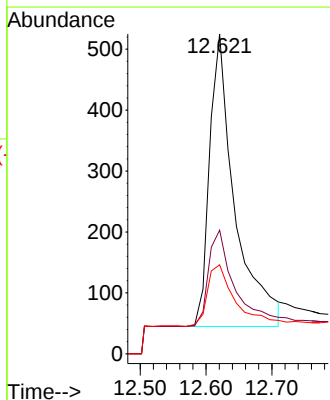
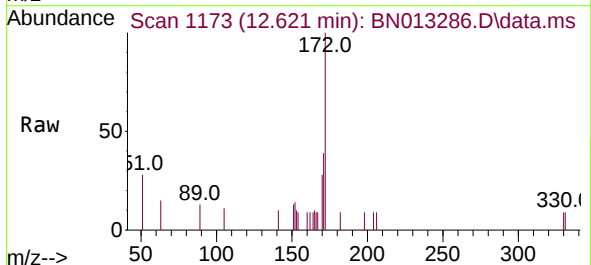
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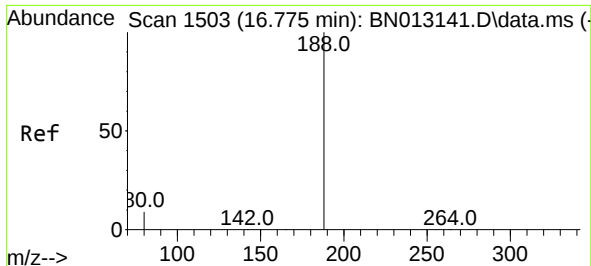
Tgt Ion:330 Resp: 196
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.9 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion:172 Resp: 1281
Ion Ratio Lower Upper
172 100
171 38.7 28.2 42.4
170 27.8 20.0 30.0

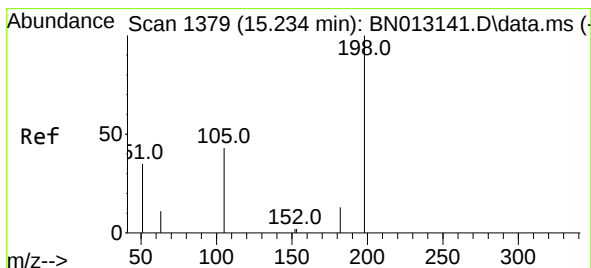
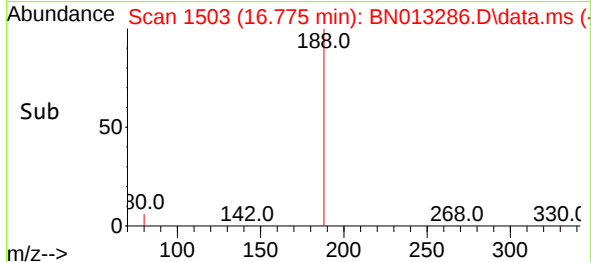
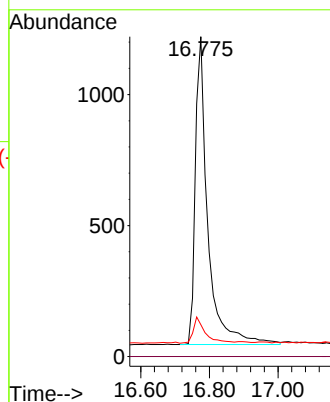
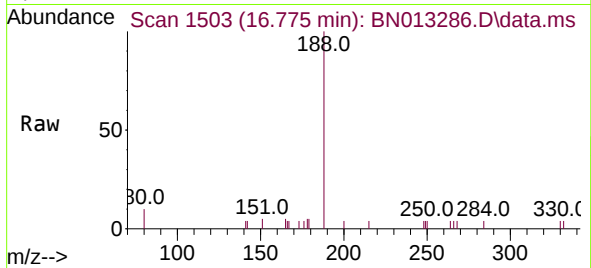




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

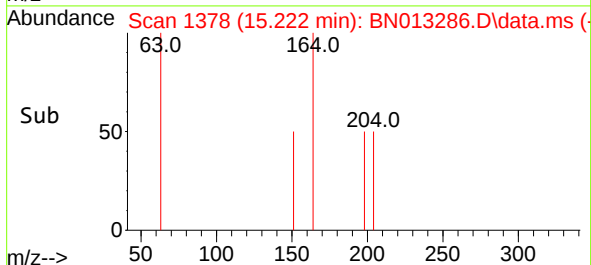
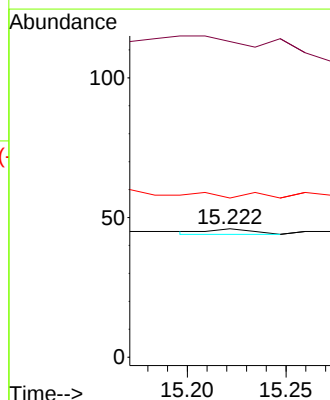
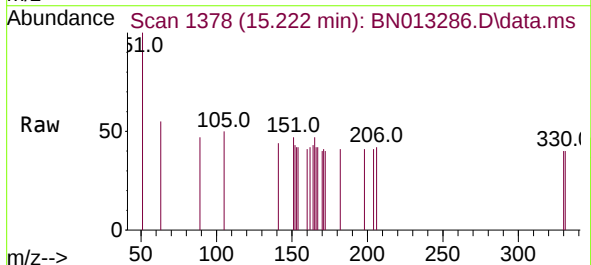
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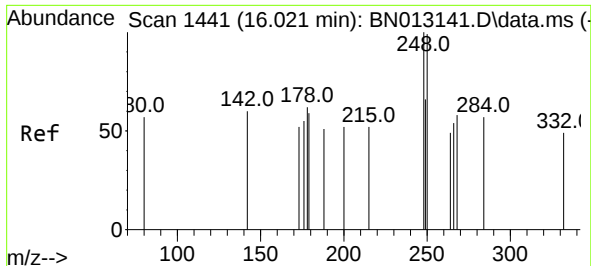
Tgt Ion:	188	Resp:	2962
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.222 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion:	198	Resp:	3
Ion Ratio	Lower	Upper	
198	100		
51	245.7	43.5	65.3#
105	123.9	27.2	40.8#

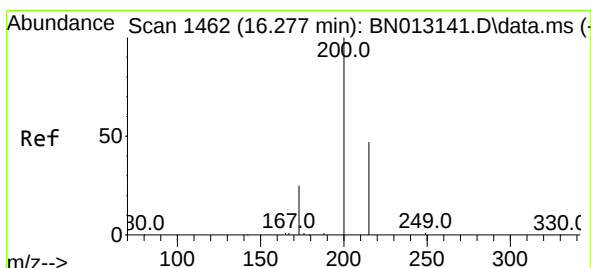
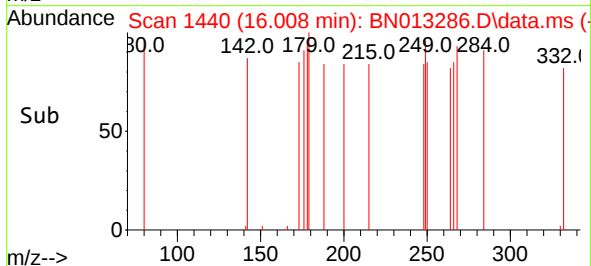
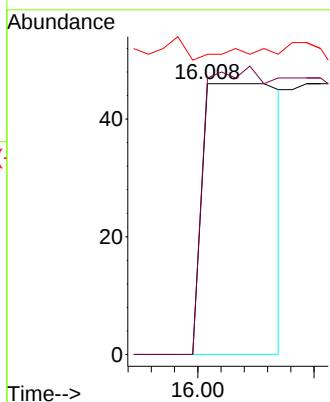
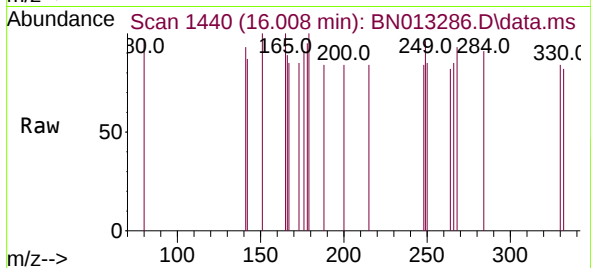




#21
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

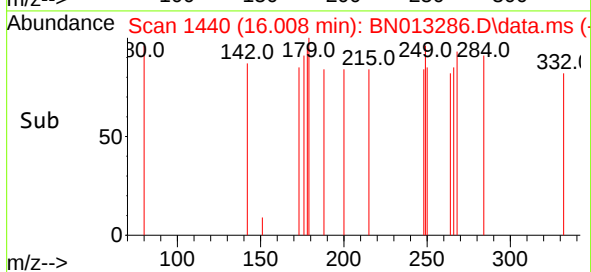
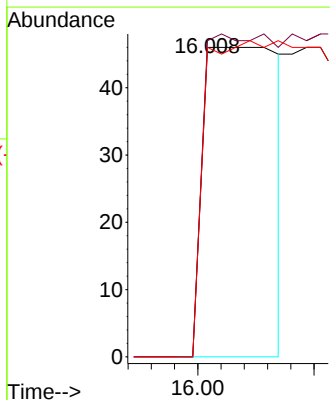
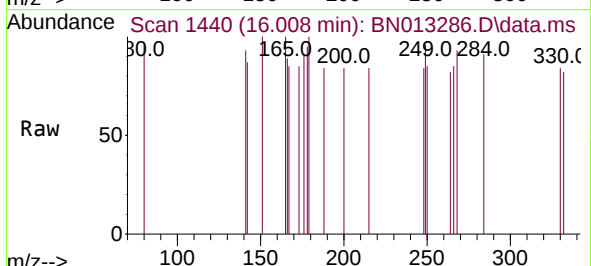
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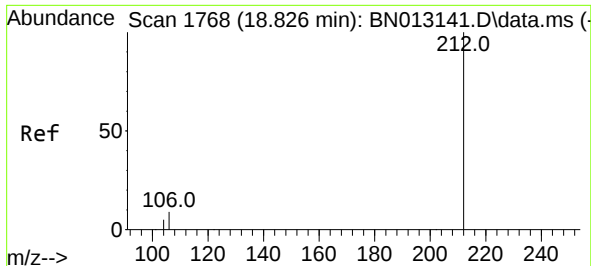
Tgt Ion:248 Resp: 203
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 110.9 57.8 86.8#



#23
Atrazine
Concen: 0.11 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.256 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion:200 Resp: 203
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#

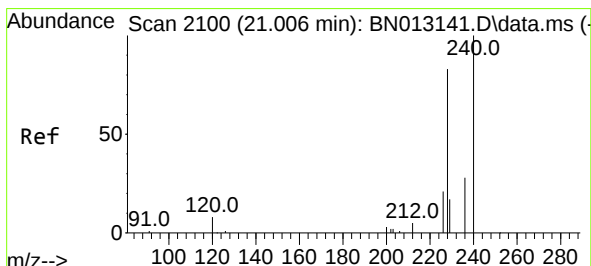
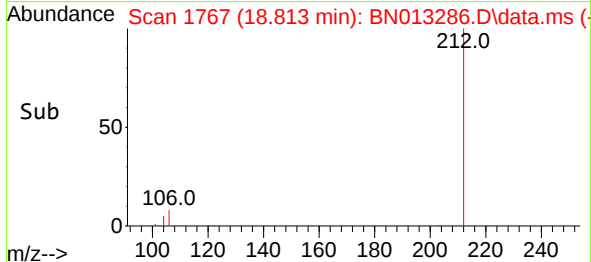
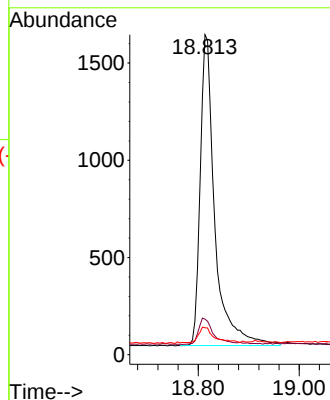
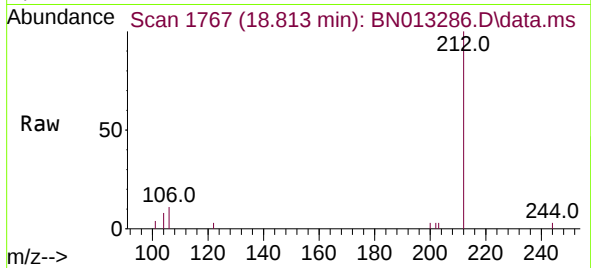




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

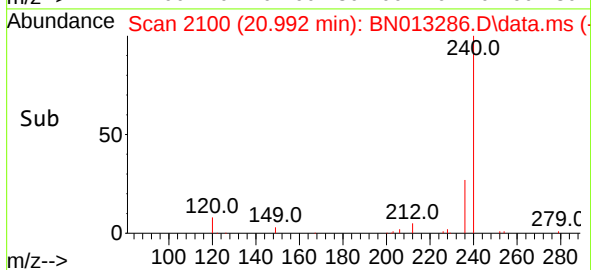
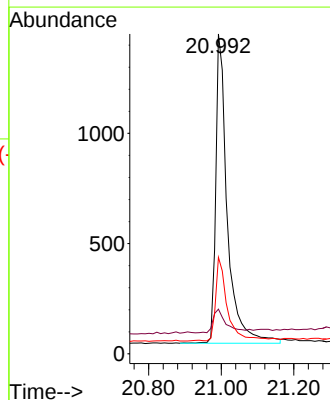
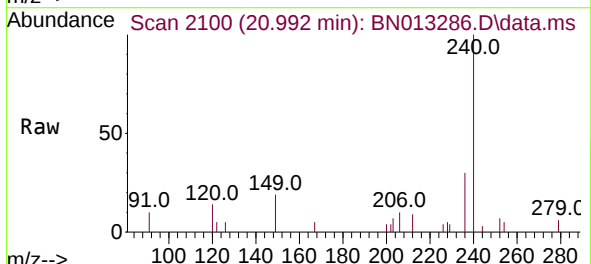
Instrument :
BNA_N
ClientSampleId :
RE109D1-20201211

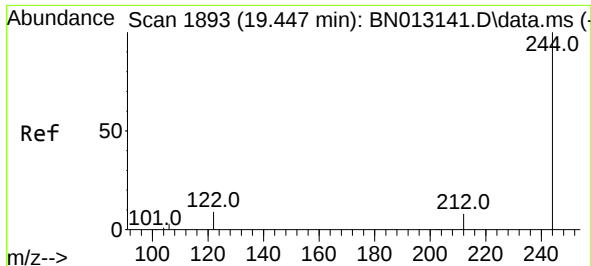
Tgt Ion:212 Resp: 3210
Ion Ratio Lower Upper
212 100
106 8.6 6.8 10.2
104 5.4 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BN013286.D
Acq: 23 Dec 2020 00:13

Tgt Ion:240 Resp: 3111
Ion Ratio Lower Upper
240 100
120 14.0 5.3 7.9#
236 30.2 21.8 32.8

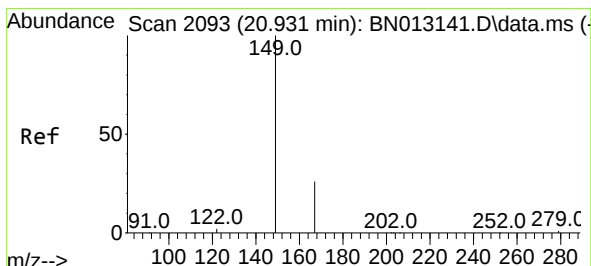
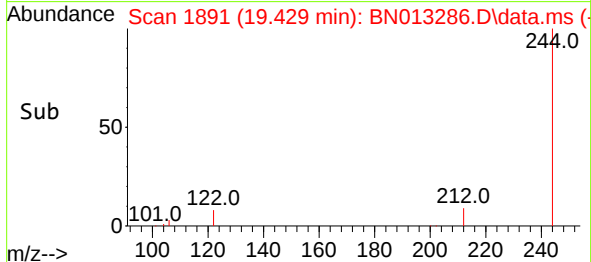
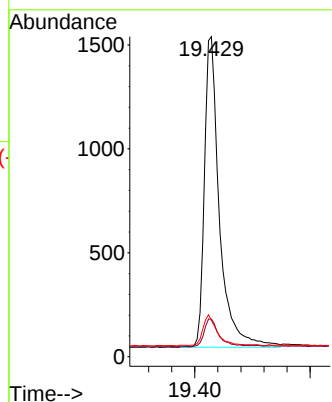
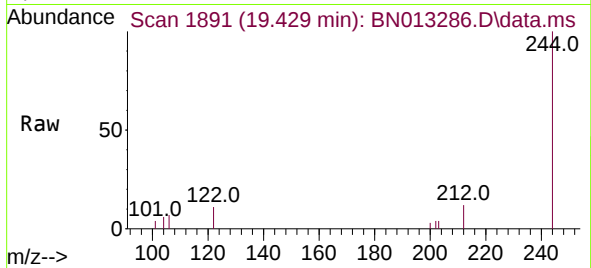




#31
 Terphenyl-d14
 Concen: 0.34 ng
 RT: 19.429 min Scan# 1891
 Delta R.T. -0.003 min
 Lab File: BN013286.D
 Acq: 23 Dec 2020 00:13

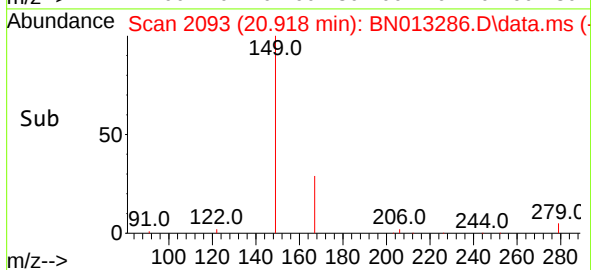
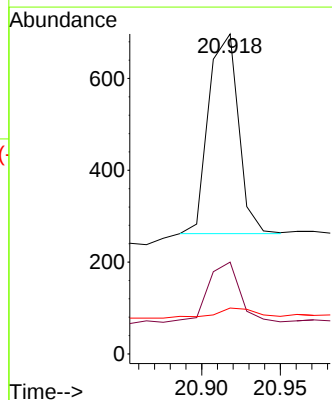
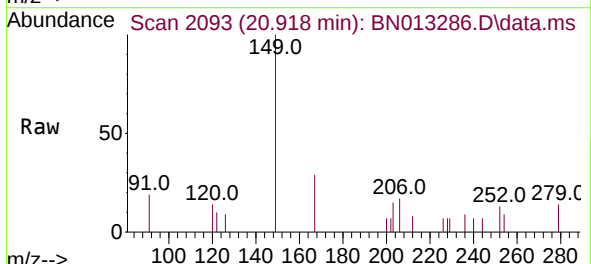
Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20201211

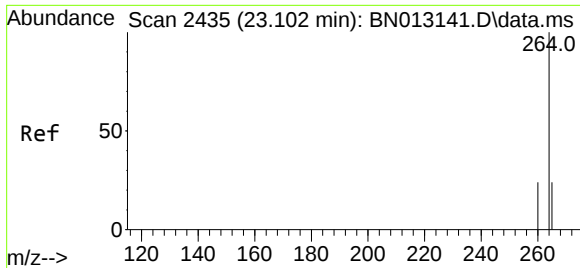
Tgt Ion:244	Resp:	2693
Ion Ratio	Lower	Upper
244	100	
212	11.8	7.3 10.9#
122	11.4	7.3 10.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.918 min Scan# 2093
 Delta R.T. -0.003 min
 Lab File: BN013286.D
 Acq: 23 Dec 2020 00:13

Tgt Ion:149	Resp:	575
Ion Ratio	Lower	Upper
149	100	
167	30.6	23.2 34.8
279	4.9	3.9 5.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.083 min Scan# 2431
 Delta R.T. -0.003 min
 Lab File: BN013286.D
 Acq: 23 Dec 2020 00:13

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20201211

Tgt Ion:264 Resp: 3417
 Ion Ratio Lower Upper
 264 100
 260 27.0 19.8 29.6
 265 82.3 51.4 77.0#

