

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013246.D
 Acq On : 21 Dec 2020 21:05
 Operator : CG/JU
 Sample : L5123-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20201211

Quant Time: Dec 22 01:06:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

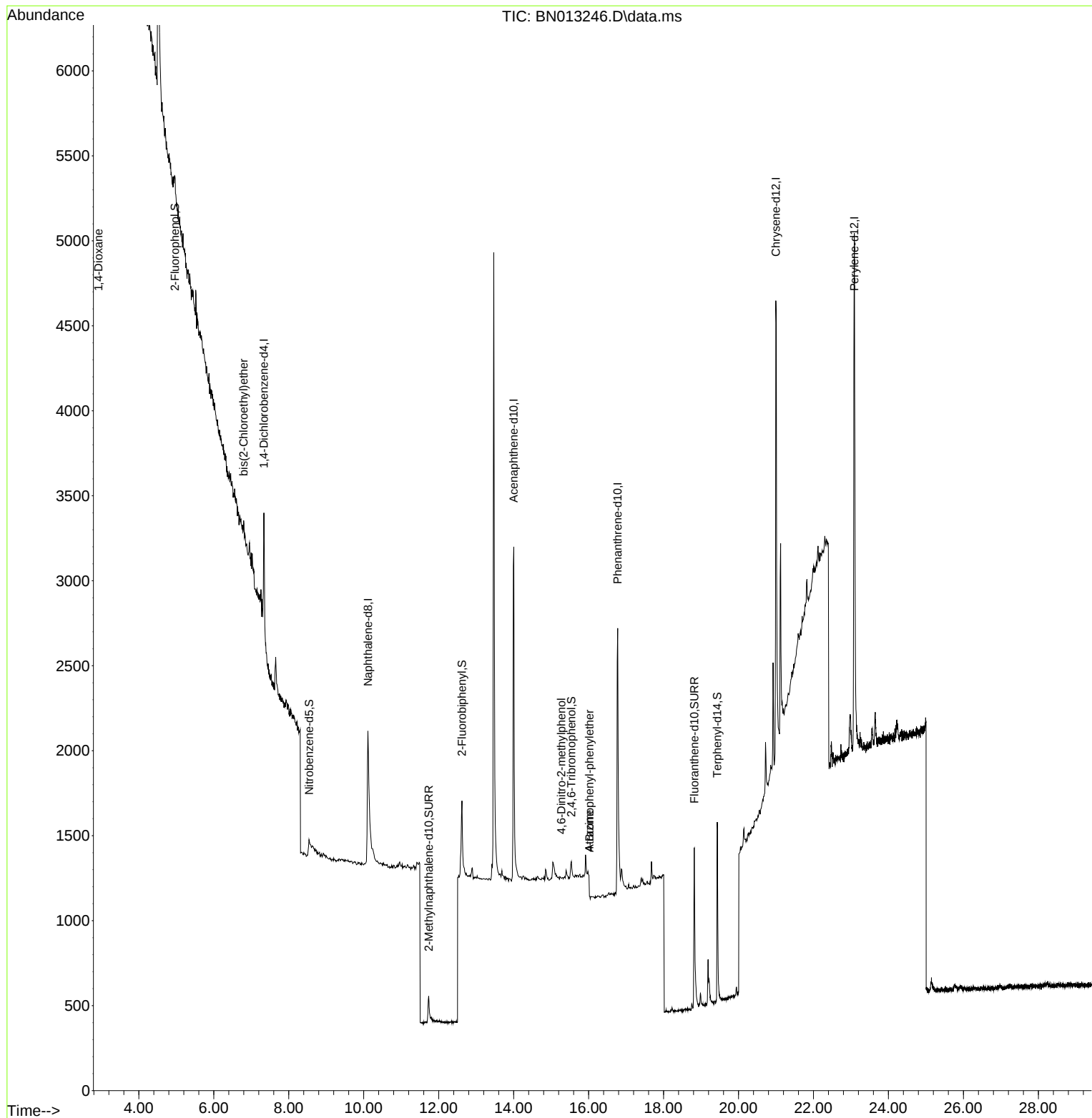
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	625	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2258	0.40	ng	# 0.00
13) Acenaphthene-d10	14.003	164	1554	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3271	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3893	0.40	ng	#-0.01
36) Perylene-d12	23.089	264	4587	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	103	0.04	ng	0.00
5) Phenol-d6	6.573	99	24	0.01	ng	0.02
8) Nitrobenzene-d5	8.540	82	221	0.09	ng	0.01
11) 2-Methylnaphthalene-d10	11.733	152	372	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	113	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	620	0.10	ng	-0.01
27) Fluoranthene-d10	18.821	212	1580	0.15	ng	0.00
31) Terphenyl-d14	19.431	244	1472	0.15	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.924	88	2029	1.86	ng	# 92
6) bis(2-Chloroethyl)ether	6.798	93	54	0.03	ng	# 61
20) 4,6-Dinitro-2-methylph...	15.272	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	67	0.10	ng	# 72
23) Atrazine	16.021	200	205	0.10	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.921	149	568	Below	Cal	99

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

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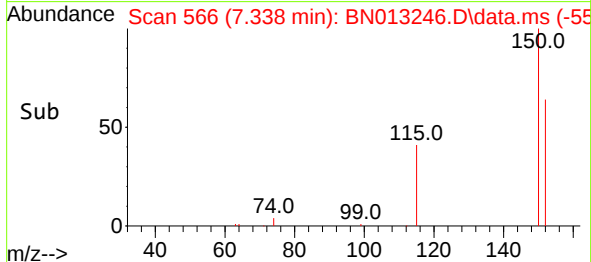
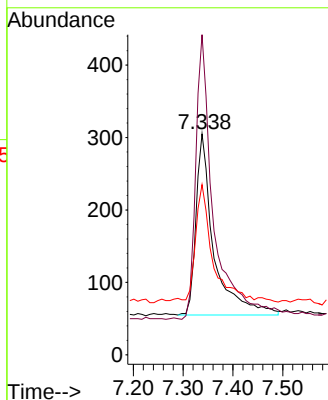
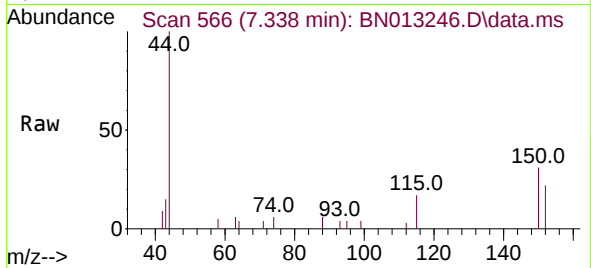




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

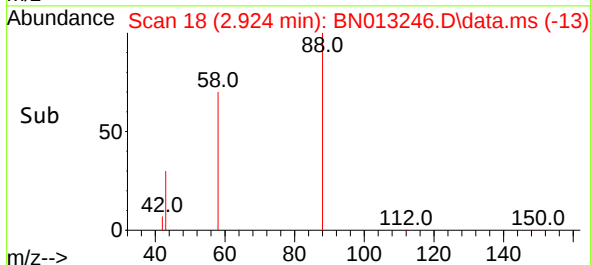
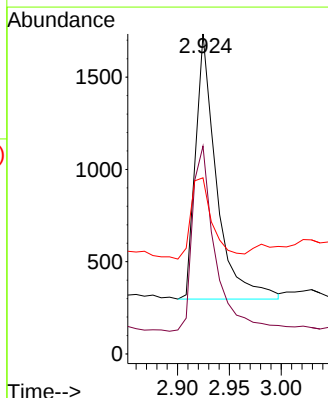
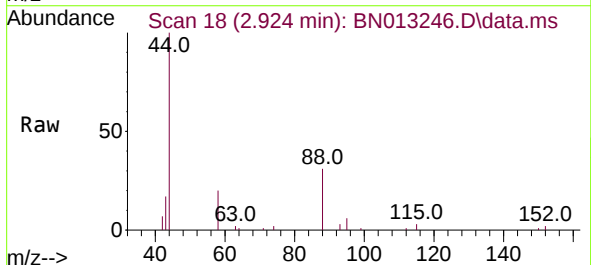
Instrument :
BNA_N
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TT101D1-20201211

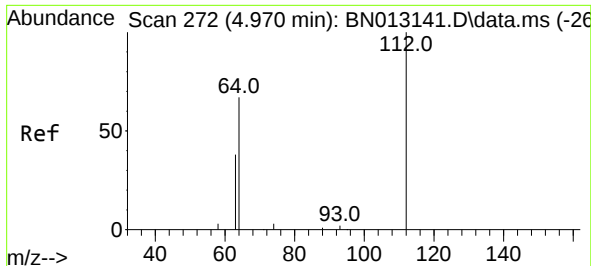
Tgt Ion:152 Resp: 625
Ion Ratio Lower Upper
152 100
150 144.9 116.6 174.8
115 77.0 52.9 79.3



#2
1,4-Dioxane
Concen: 1.86 ng
RT: 2.924 min Scan# 18
Delta R.T. -0.008 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion: 88 Resp: 2029
Ion Ratio Lower Upper
88 100
58 78.4 59.4 89.2
43 31.8 32.3 48.5#

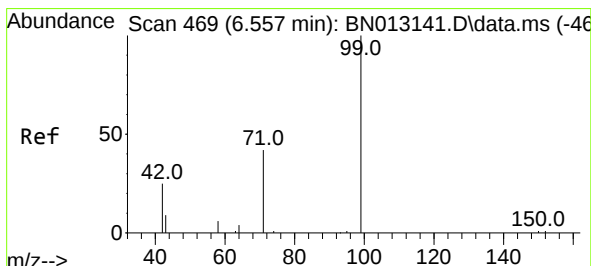
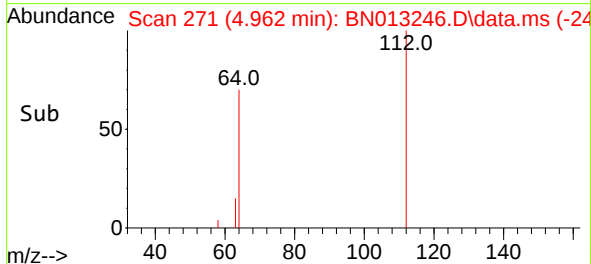
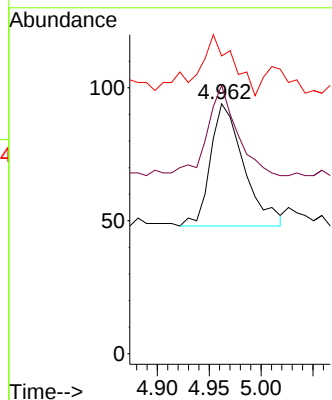
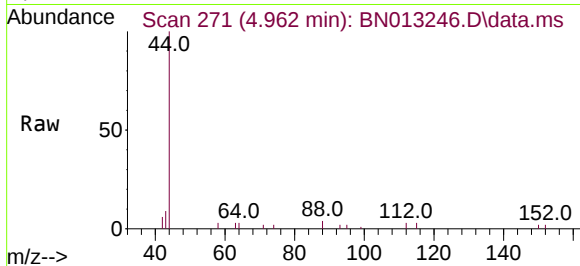




#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

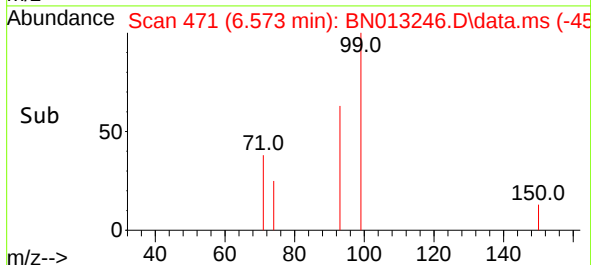
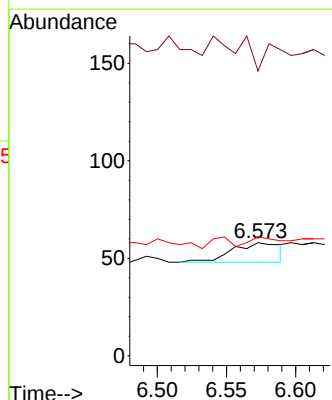
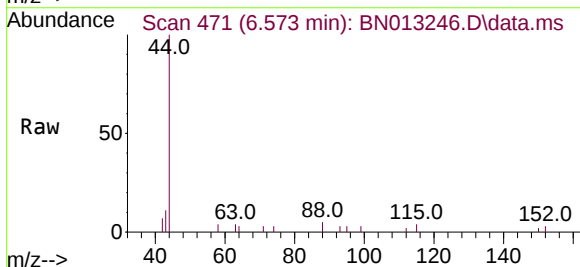
Instrument :
BNA_N
ClientSampleId :
TT101D1-20201211

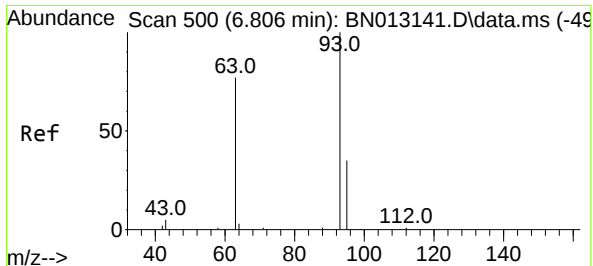
Tgt Ion:112 Resp: 103
Ion Ratio Lower Upper
112 100
64 70.9 49.5 74.3
63 55.3 32.0 48.0#



#5
Phenol-d6
Concen: 0.01 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion: 99 Resp: 24
Ion Ratio Lower Upper
99 100
42 66.7 22.4 33.6#
71 29.2 37.8 56.6#

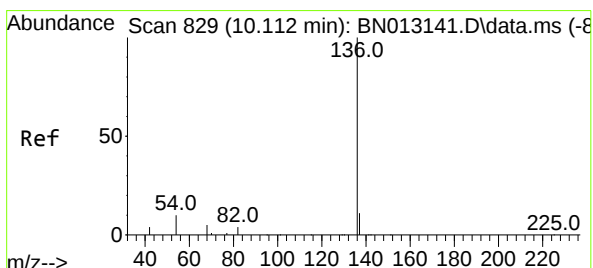
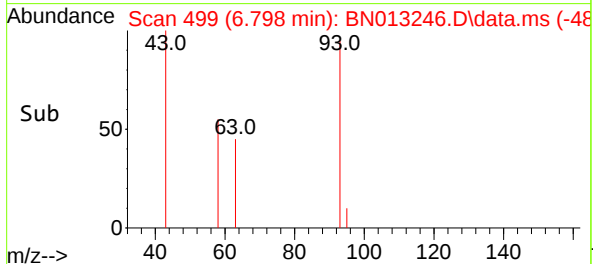
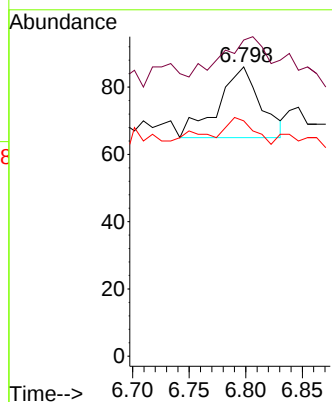
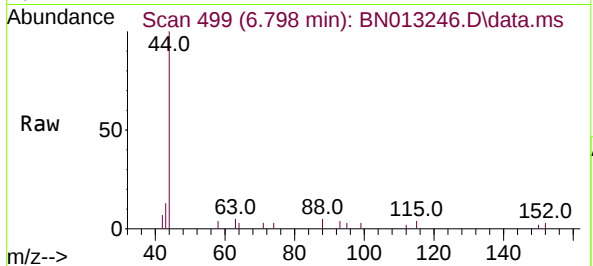




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 6.798 min Scan# 499
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

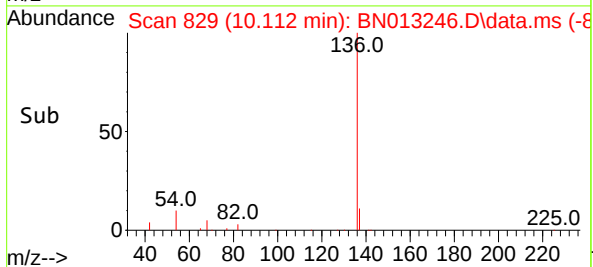
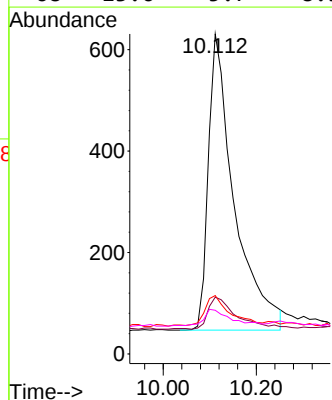
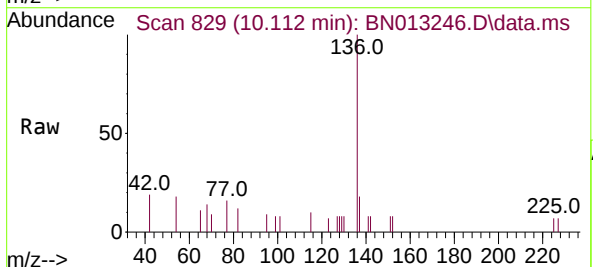
Instrument :
BNA_N
ClientSampleId :
TT101D1-20201211

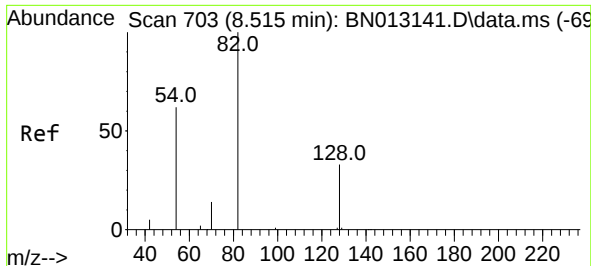
Tgt Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
63 122.2 63.1 94.7#
95 24.1 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion: 136 Resp: 2258
Ion Ratio Lower Upper
136 100
137 17.7 10.6 15.8#
54 18.2 8.6 12.8#
68 13.6 5.7 8.5#

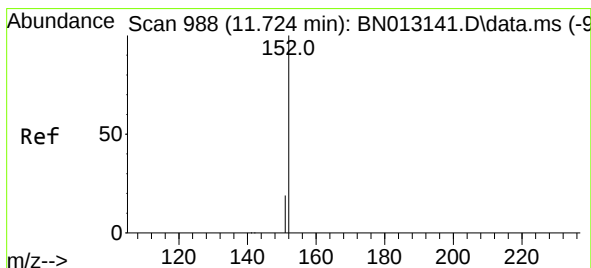
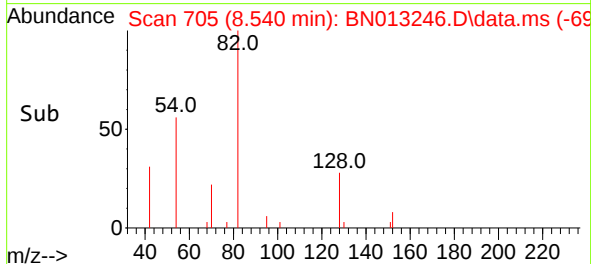
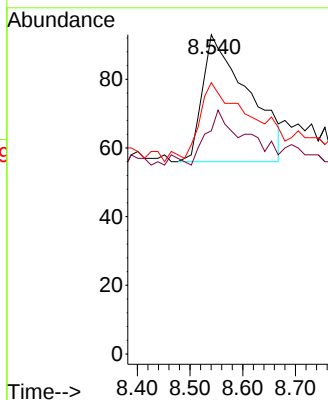
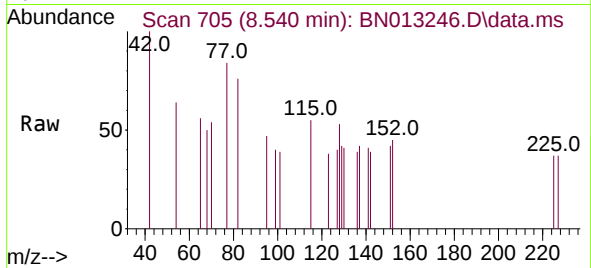




#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

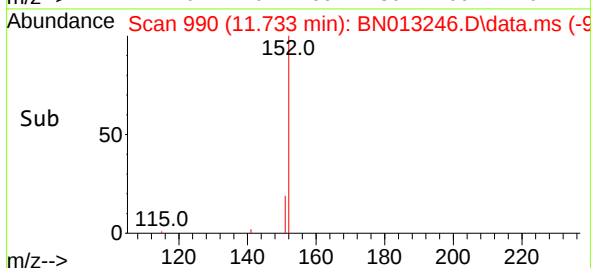
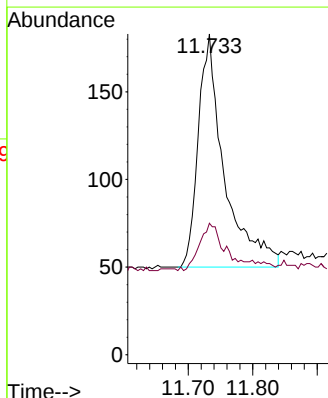
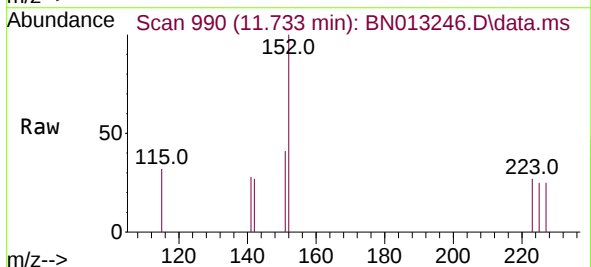
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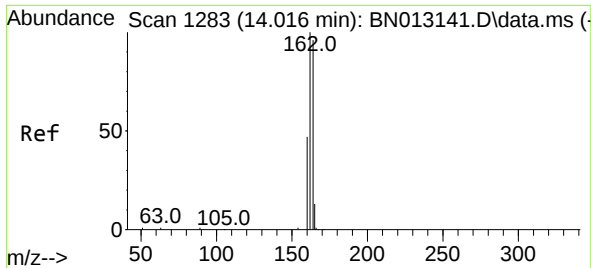
Tgt Ion: 82 Resp: 221
Ion Ratio Lower Upper
82 100
128 69.9 30.6 46.0#
54 84.9 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.09 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.009 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion: 152 Resp: 372
Ion Ratio Lower Upper
152 100
151 19.6 16.7 25.1

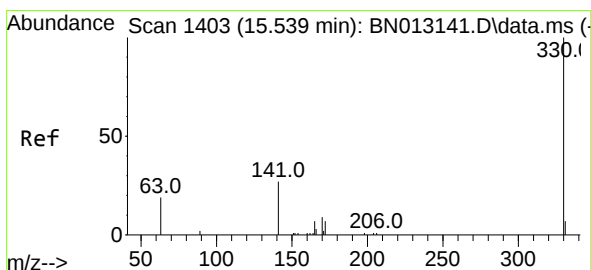
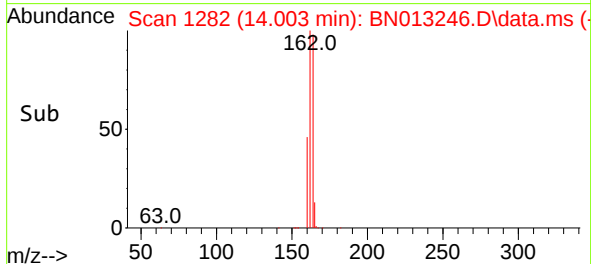
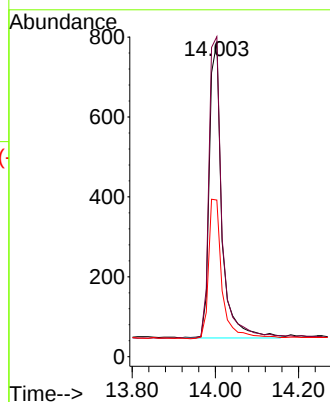
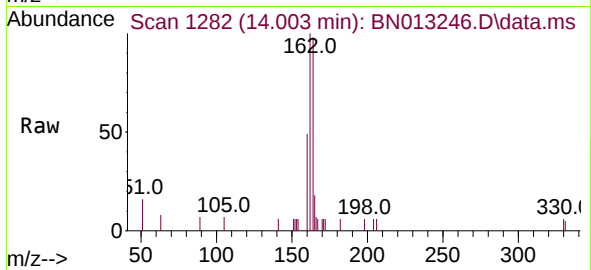




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.003 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

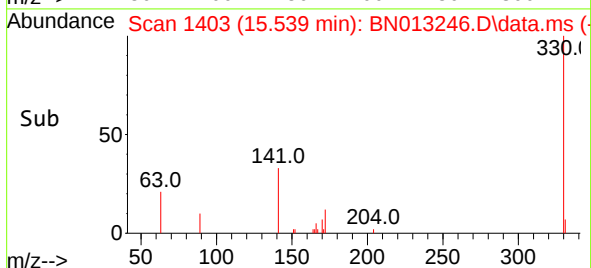
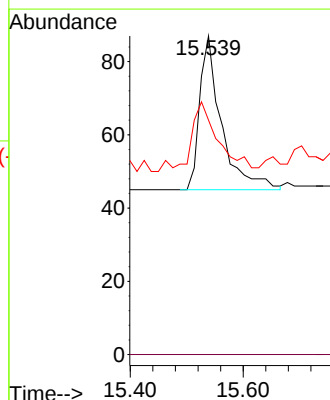
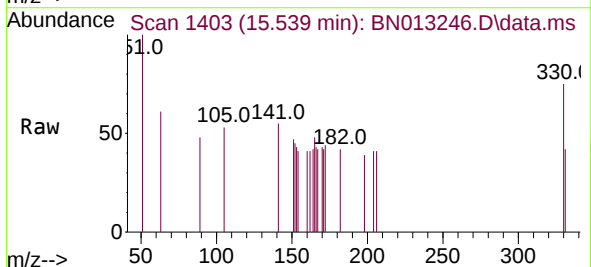
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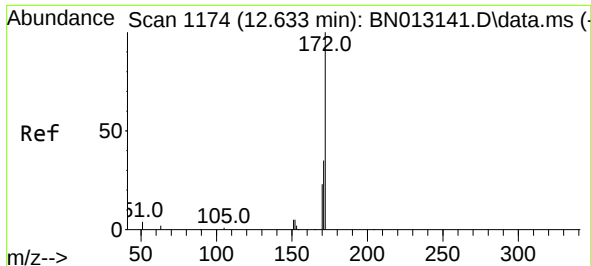
Tgt Ion:	164	Resp:	1554
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	49.7	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion:	330	Resp:	113
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.0	34.4	51.6

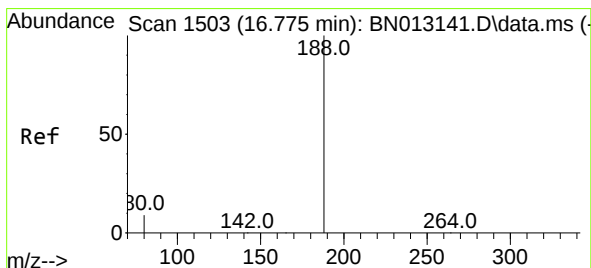
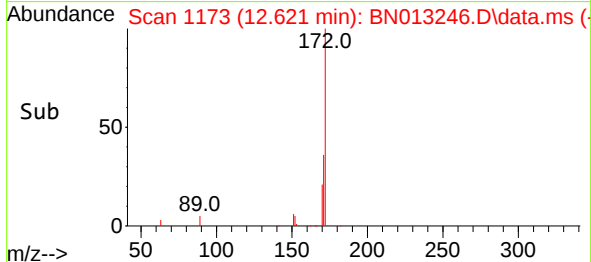
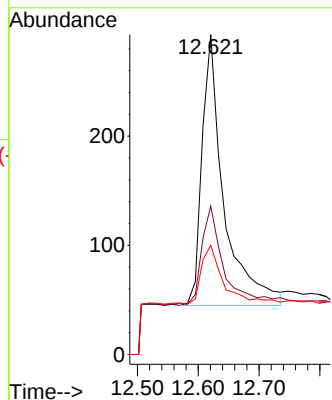
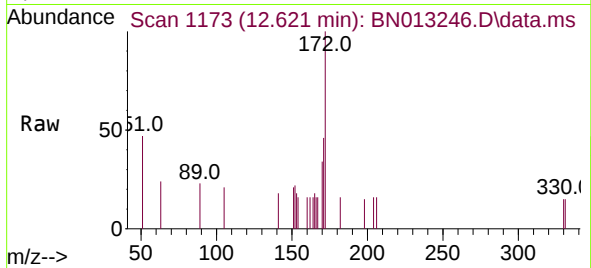




#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

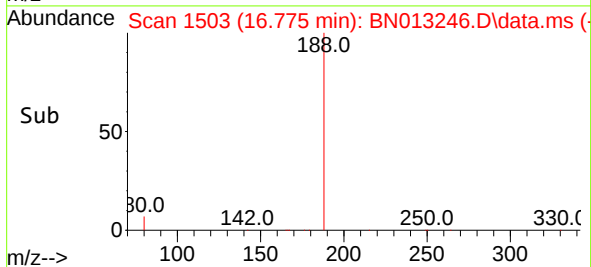
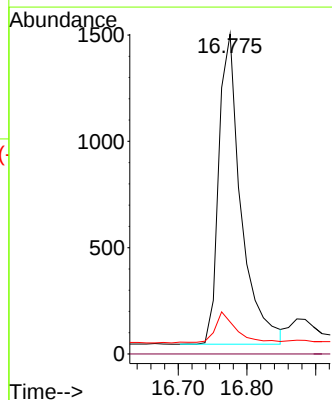
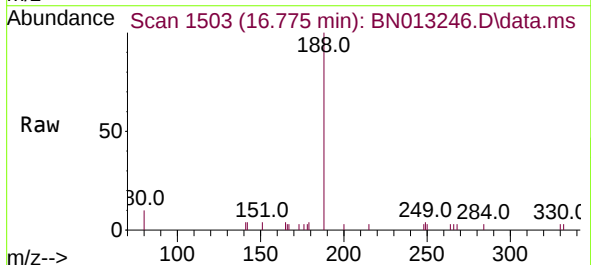
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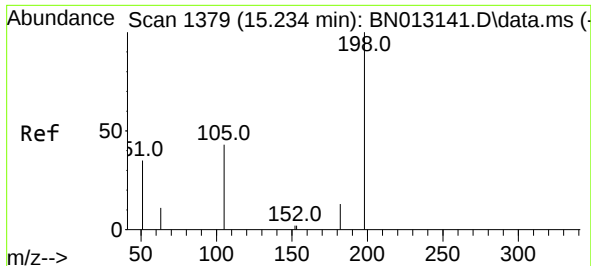
Tgt Ion:172 Resp: 620
Ion Ratio Lower Upper
172 100
171 46.4 28.2 42.4#
170 34.1 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion:188 Resp: 3271
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 5.0 7.4#

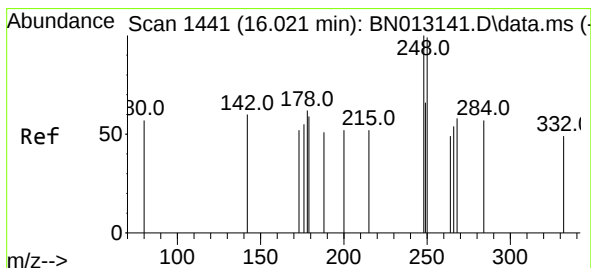
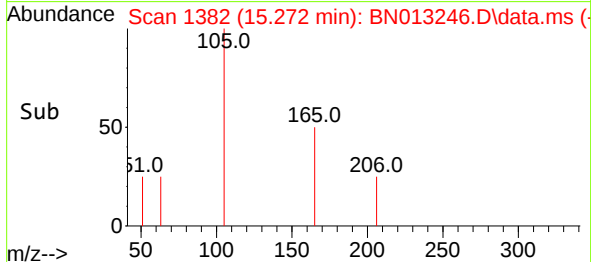
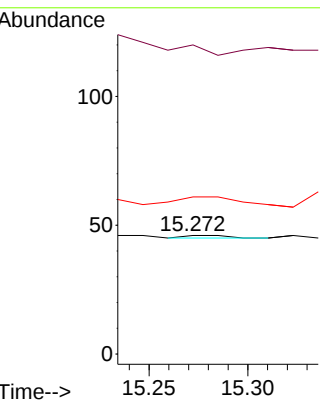
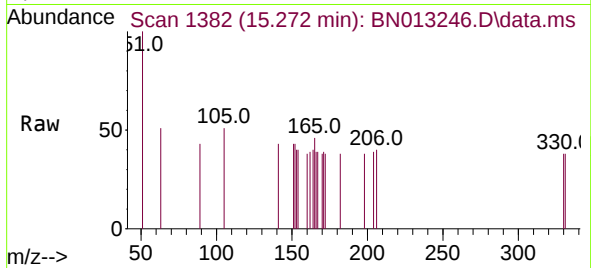




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.013 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

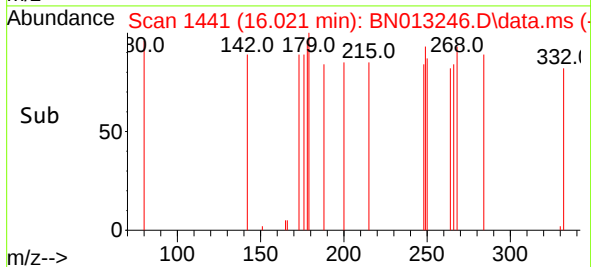
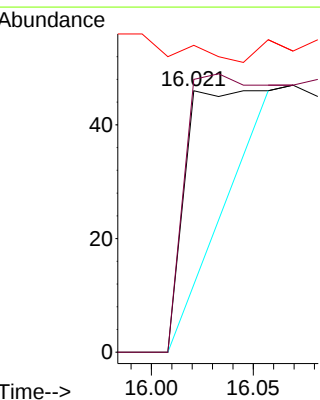
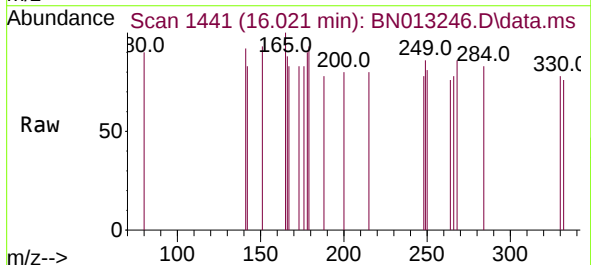
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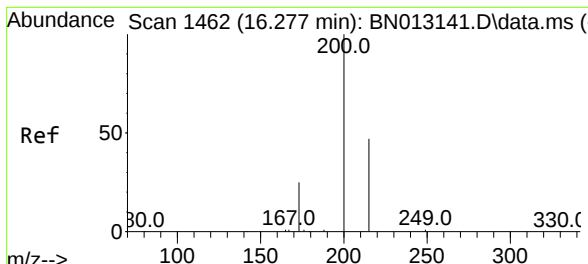
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 260.9 43.5 65.3#
105 132.6 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion:248 Resp: 67
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 117.4 57.8 86.8#

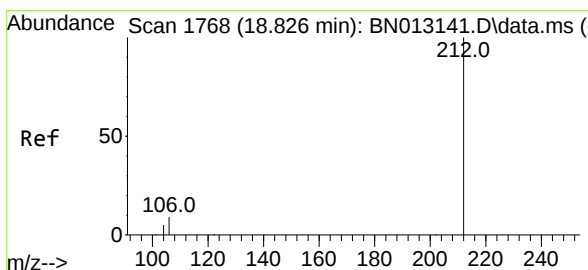
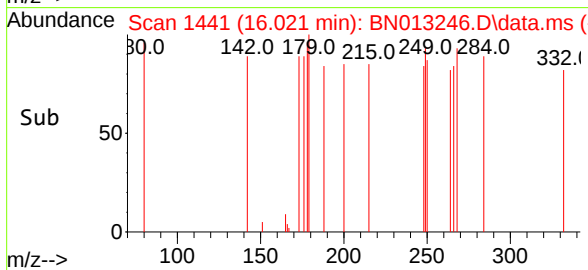
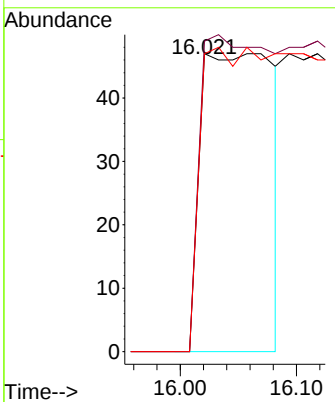
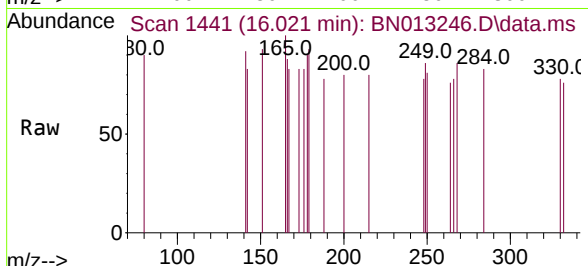




#23
 Atrazine
 Concen: 0.10 ng
 RT: 16.021 min Scan# 1441
 Delta R.T. -0.256 min
 Lab File: BN013246.D
 Acq: 21 Dec 2020 21:05

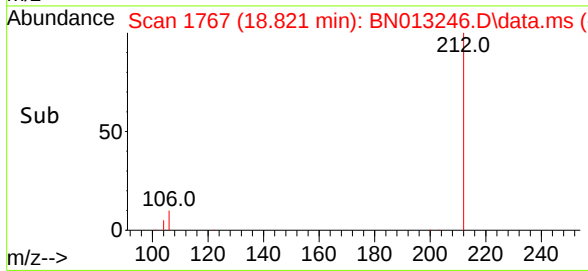
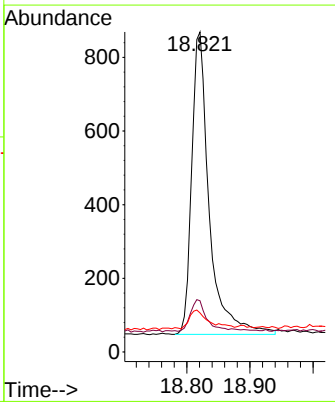
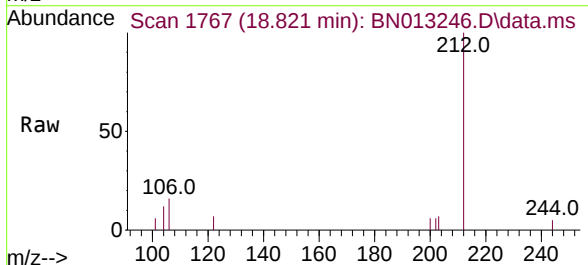
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20201211

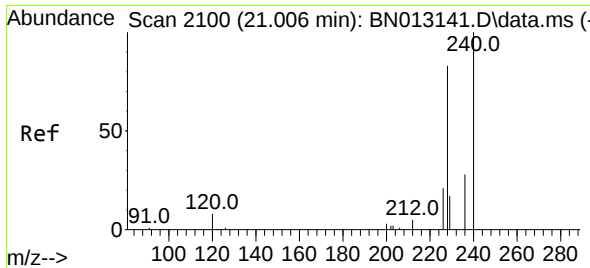
Tgt Ion:	200	Resp:	205
Ion Ratio	Lower	Upper	
200	100		
173	104.3	22.8	34.2#
215	100.0	38.1	57.1#



#27
 Fluoranthene-d10
 Concen: 0.15 ng
 RT: 18.821 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: BN013246.D
 Acq: 21 Dec 2020 21:05

Tgt Ion:	212	Resp:	1580
Ion Ratio	Lower	Upper	
212	100		
106	10.6	6.8	10.2#
104	5.8	4.1	6.1

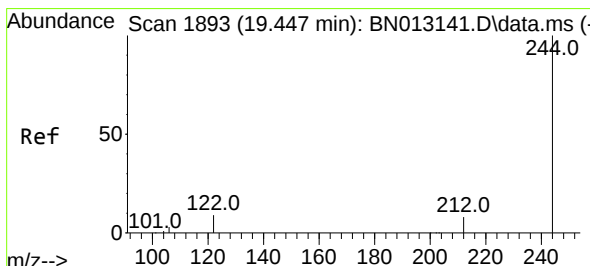
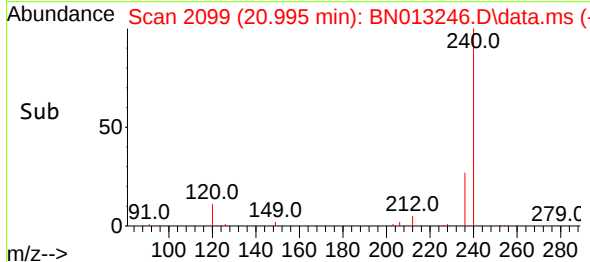
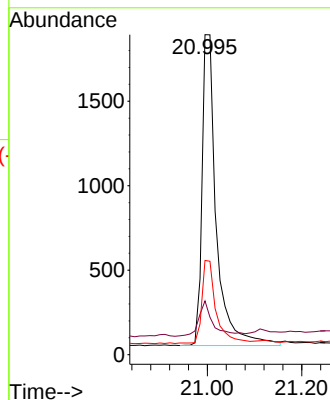
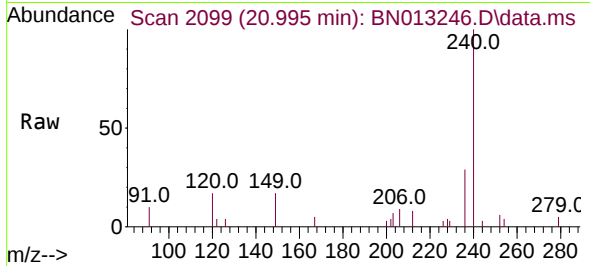




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

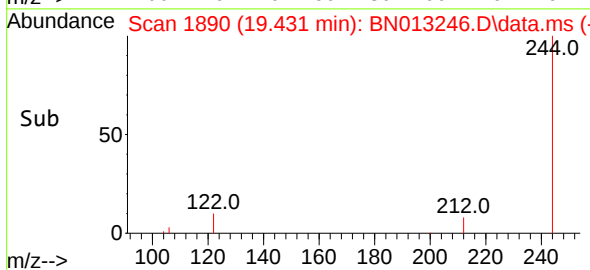
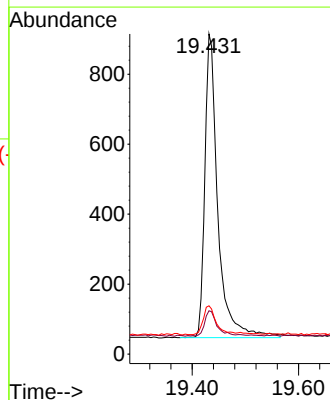
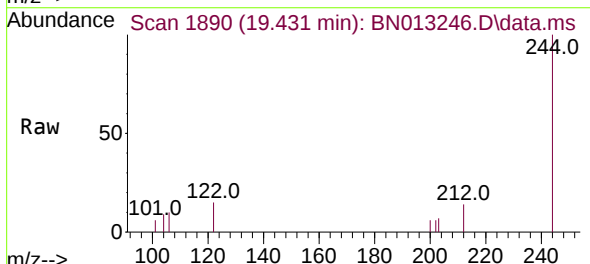
Instrument :
BNA_N
ClientSampleId :
TT101D1-20201211

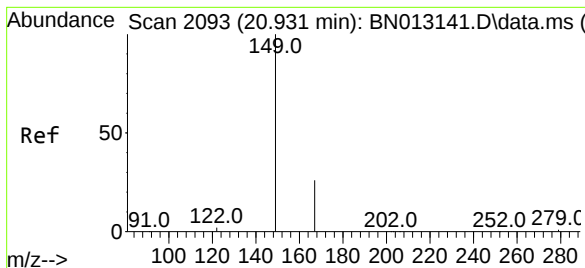
Tgt Ion:240 Resp: 3893
Ion Ratio Lower Upper
240 100
120 16.8 5.3 7.9#
236 29.5 21.8 32.8



#31
Terphenyl-d14
Concen: 0.15 ng
RT: 19.431 min Scan# 1890
Delta R.T. -0.015 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion:244 Resp: 1472
Ion Ratio Lower Upper
244 100
212 13.6 7.3 10.9#
122 15.1 7.3 10.9#

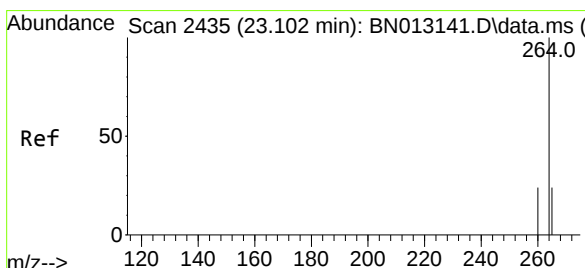
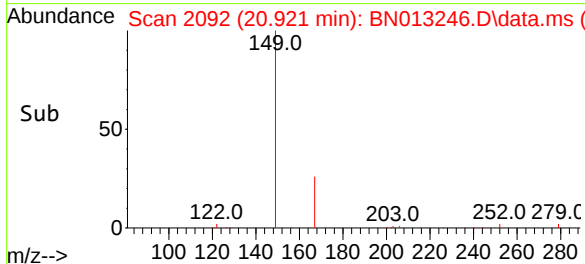
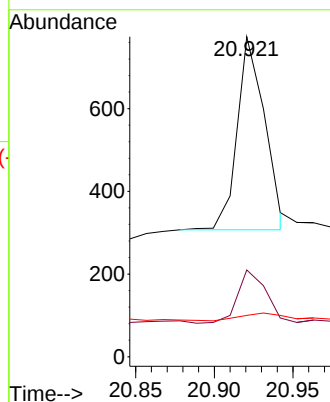
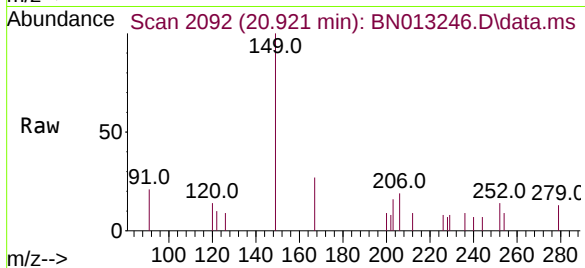




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.921 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Instrument :
BNA_N
ClientSampleId :
TT101D1-20201211

Tgt Ion:149 Resp: 568
Ion Ratio Lower Upper
149 100
167 28.5 23.2 34.8
279 5.6 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.089 min Scan# 2431
Delta R.T. -0.007 min
Lab File: BN013246.D
Acq: 21 Dec 2020 21:05

Tgt Ion:264 Resp: 4587
Ion Ratio Lower Upper
264 100
260 26.4 19.8 29.6
265 71.1 51.4 77.0

