

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013304.D
 Acq On : 23 Dec 2020 19:34
 Operator : CG/JU
 Sample : L5123-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20201211RE

Quant Time: Dec 24 03:36:03 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

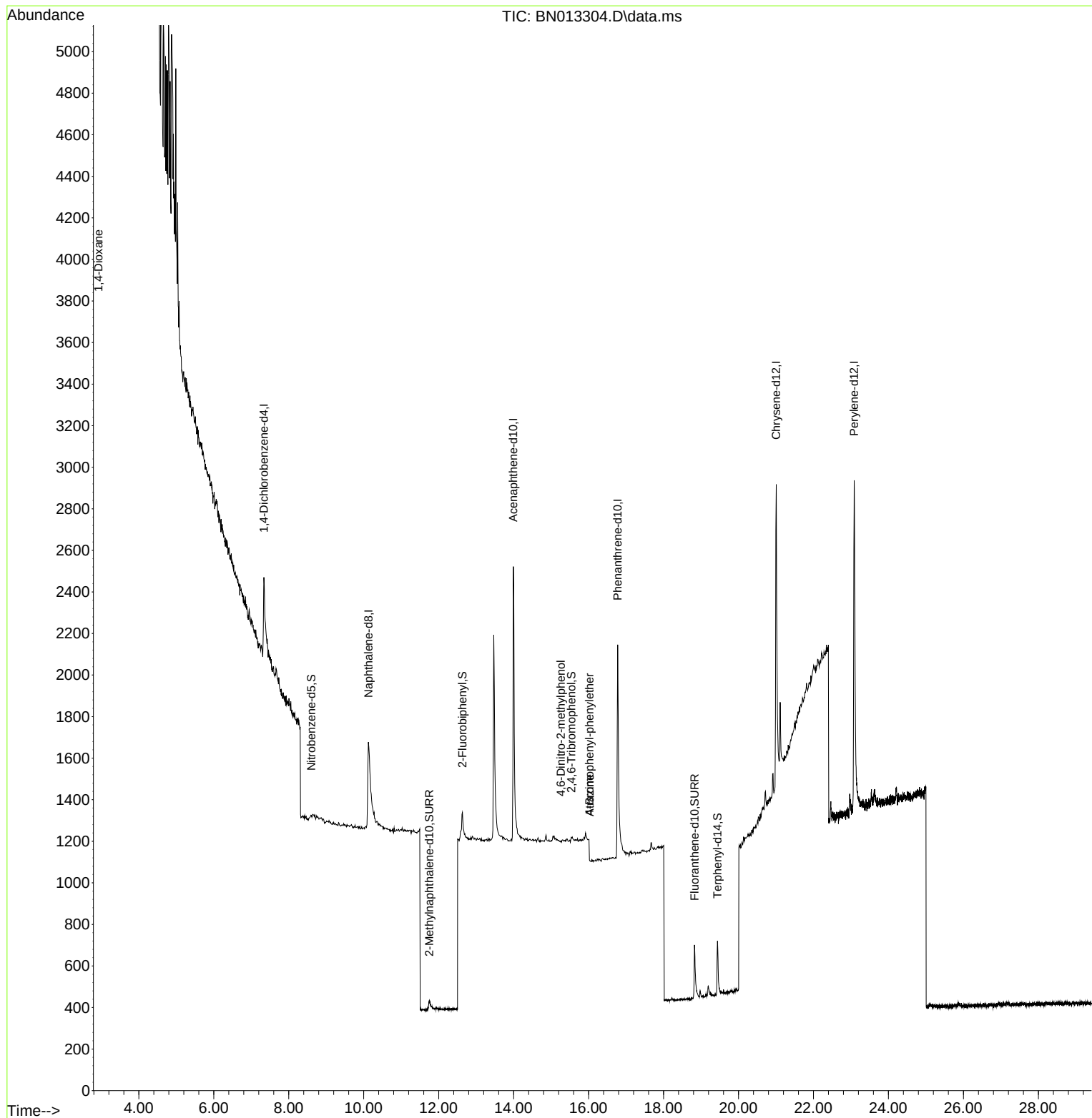
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	487	0.40	ng	# 0.00
7) Naphthalene-d8	10.125	136	1619	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1207	0.40	ng	0.00
19) Phenanthrene-d10	16.776	188	2675	0.40	ng	# 0.01
29) Chrysene-d12	21.006	240	2533	0.40	ng	# 0.01
36) Perylene-d12	23.085	264	2746	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	35	0.02	ng	0.02
5) Phenol-d6	6.549	99	3	0.00	ng	0.00
8) Nitrobenzene-d5	8.604	82	84	0.05	ng	0.10
11) 2-Methylnaphthalene-d10	11.746	152	121	0.04	ng	0.04
14) 2,4,6-Tribromophenol	15.539	330	37	0.05	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	230	0.05	ng	0.03
27) Fluoranthene-d10	18.826	212	523	0.06	ng	0.01
31) Terphenyl-d14	19.442	244	472	0.07	ng	0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	405	0.48	ng	Qvalue 92
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	34	0.07	ng	# 77
23) Atrazine	16.033	200	134	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.910	149	113	Below Cal		# 90

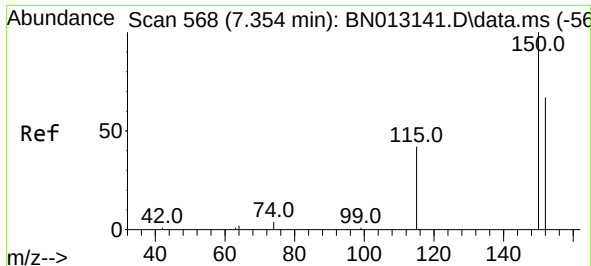
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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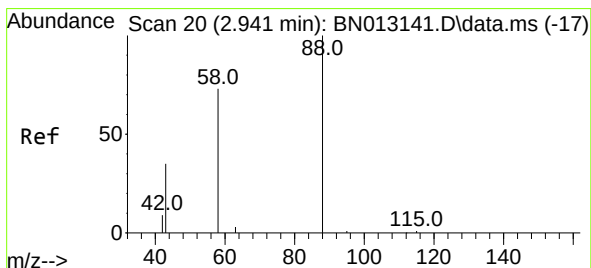
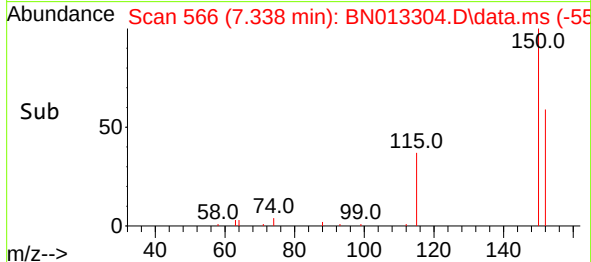
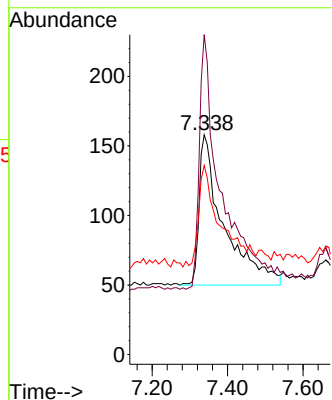
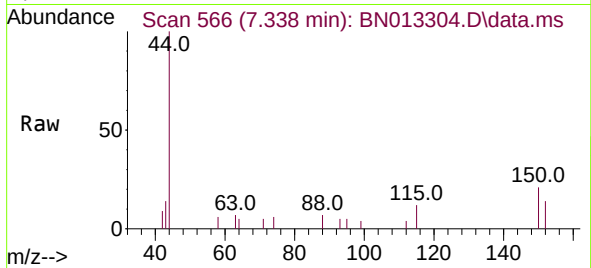




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.338 min Scan# 566
 Delta R.T. 0.008 min
 Lab File: BN013304.D
 Acq: 23 Dec 2020 19:34

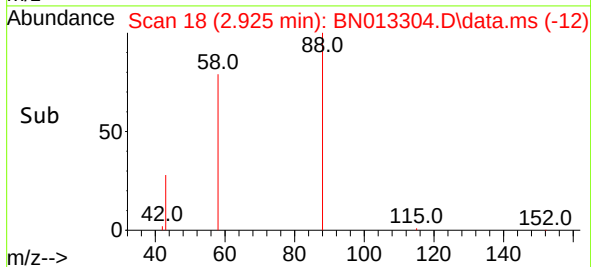
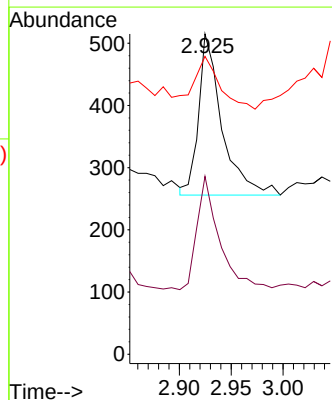
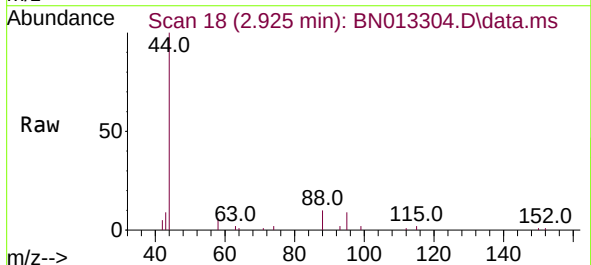
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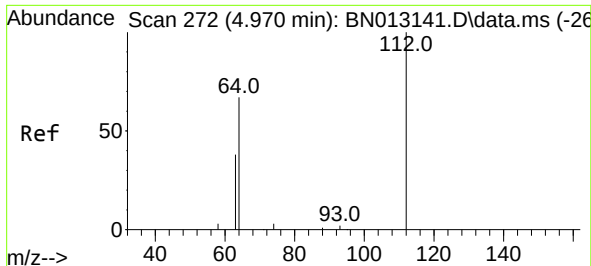
Tgt Ion:152 Resp: 487
 Ion Ratio Lower Upper
 152 100
 150 145.6 116.6 174.8
 115 86.1 52.9 79.3#



#2
 1,4-Dioxane
 Concen: 0.48 ng
 RT: 2.925 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN013304.D
 Acq: 23 Dec 2020 19:34

Tgt Ion: 88 Resp: 405
 Ion Ratio Lower Upper
 88 100
 58 67.4 59.4 89.2
 43 34.8 32.3 48.5

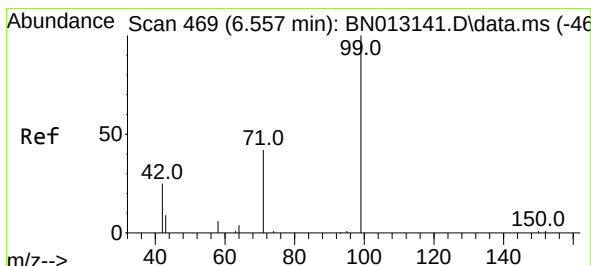
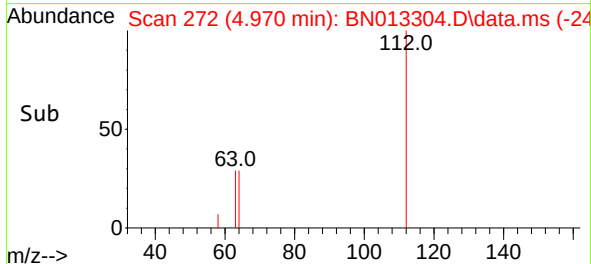
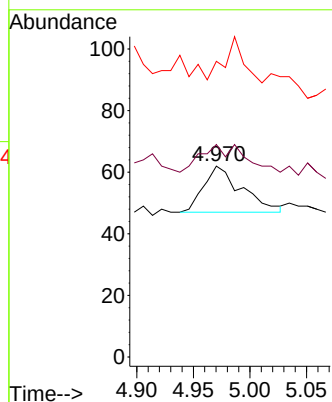
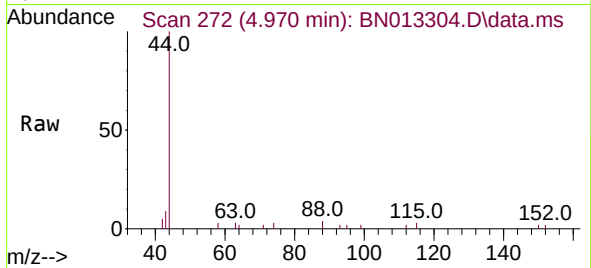




#4
2-Fluorophenol
Concen: 0.02 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.016 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

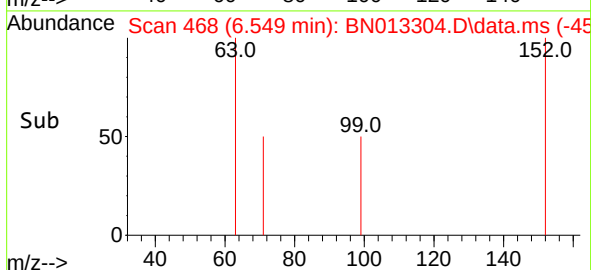
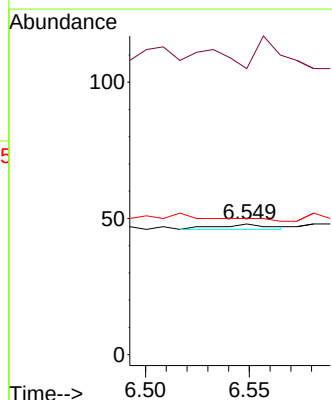
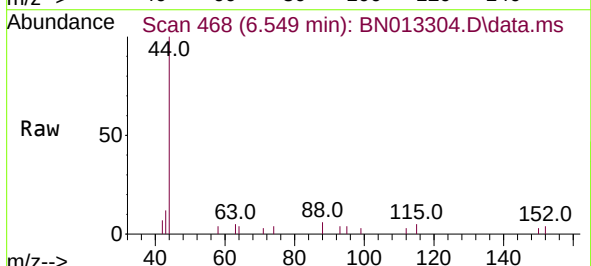
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ClientSampleId :
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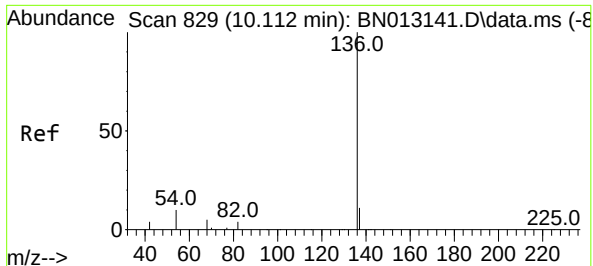
Tgt Ion:112 Resp: 35
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 48.6 32.0 48.0#



#5
Phenol-d6
Concen: 0.00 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 333.3 22.4 33.6#
71 0.0 37.8 56.6#

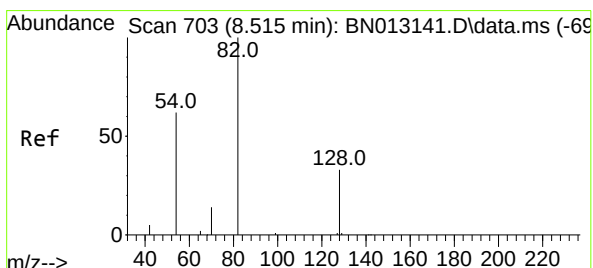
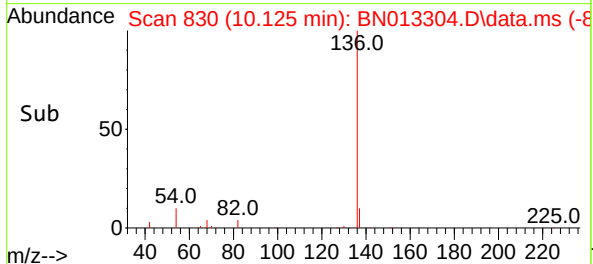
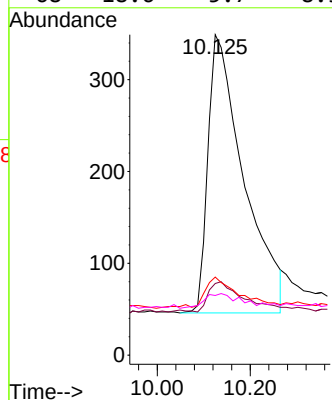
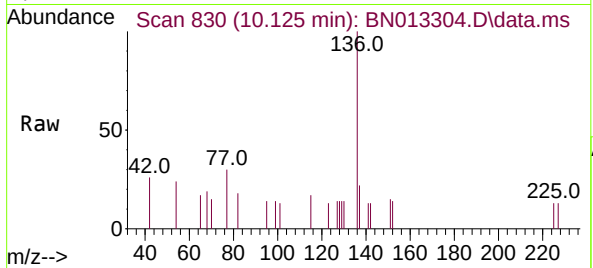




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

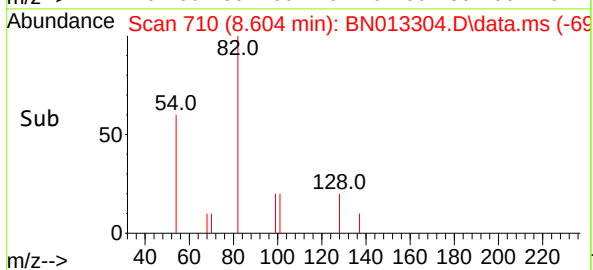
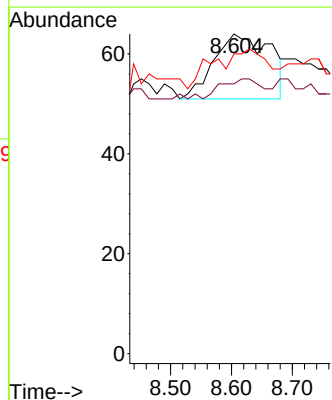
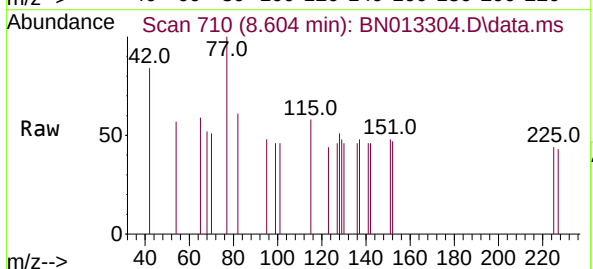
Instrument :
BNA_N
ClientSampleId :
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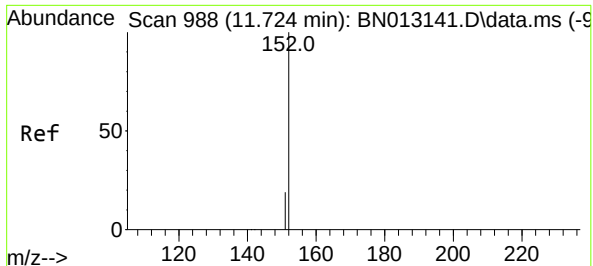
Tgt Ion:	136	Resp:	1619
Ion Ratio	Lower	Upper	
136	100		
137	22.3	10.6	15.8#
54	24.4	8.6	12.8#
68	18.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.05 ng
RT: 8.604 min Scan# 710
Delta R.T. 0.101 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Tgt Ion:	82	Resp:	84
Ion Ratio	Lower	Upper	
82	100		
128	84.4	30.6	46.0#
54	93.8	48.3	72.5#

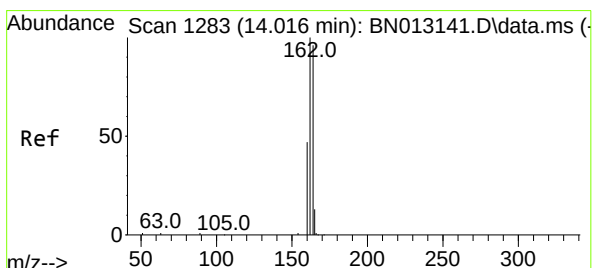
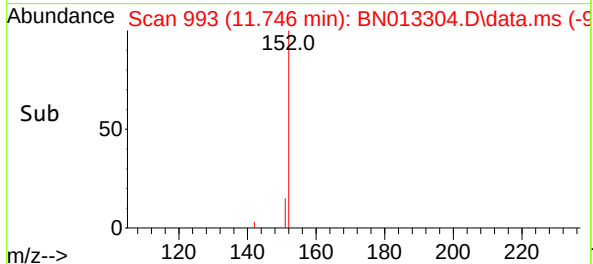
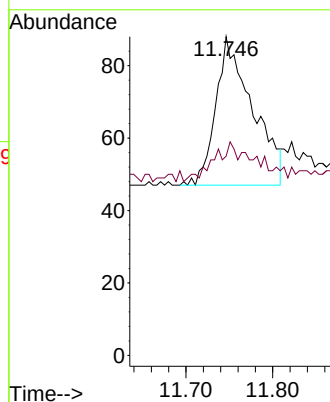
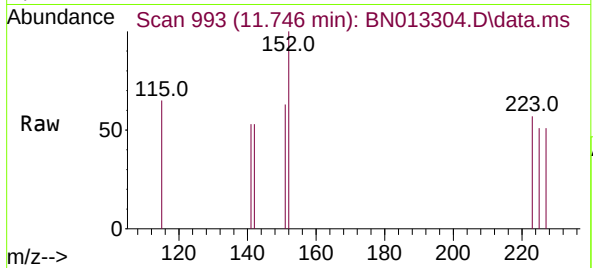




#11
2-Methylnaphthalene-d10
Concen: 0.04 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.040 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

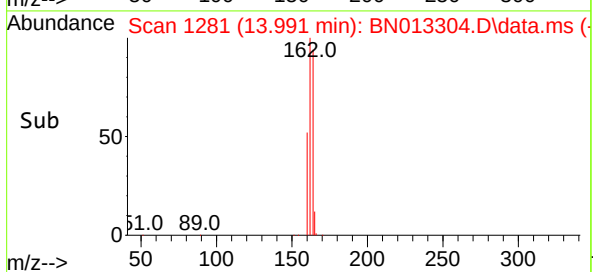
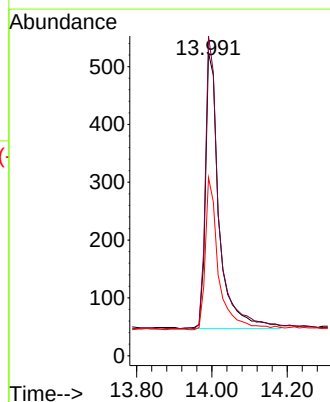
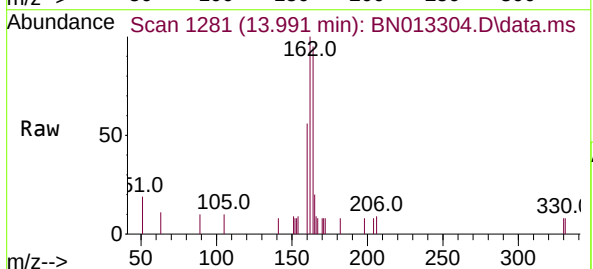
Instrument :
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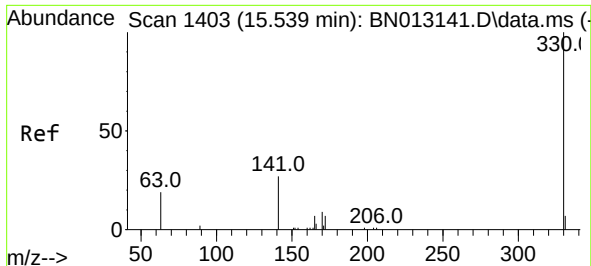
Tgt Ion:152 Resp: 121
Ion Ratio Lower Upper
152 100
151 2.5 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Tgt Ion:164 Resp: 1207
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 58.8 39.5 59.3

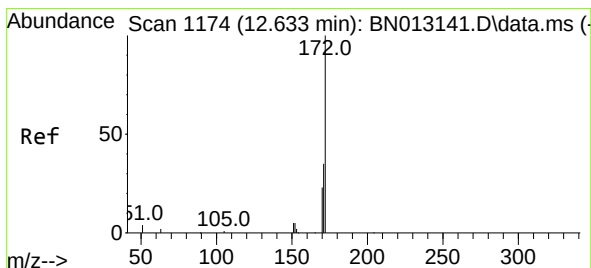
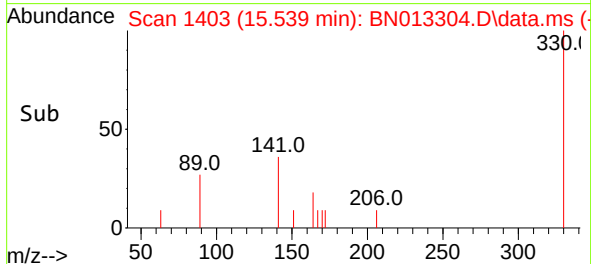
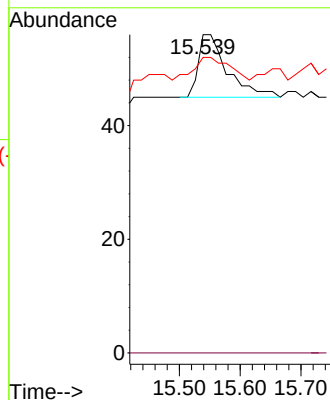
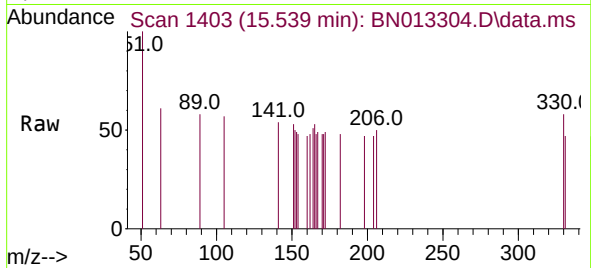




#14
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

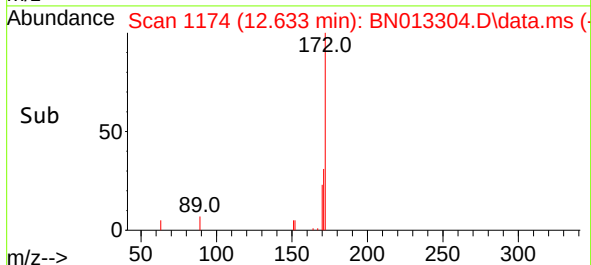
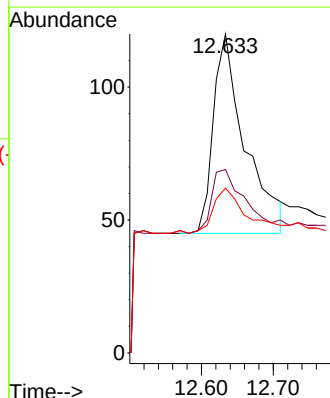
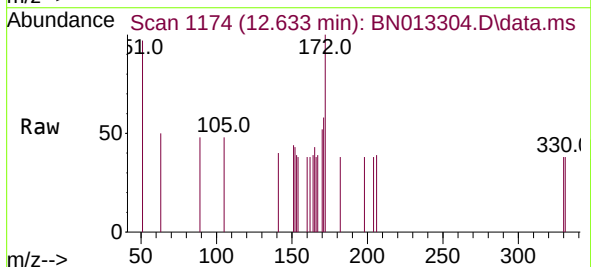
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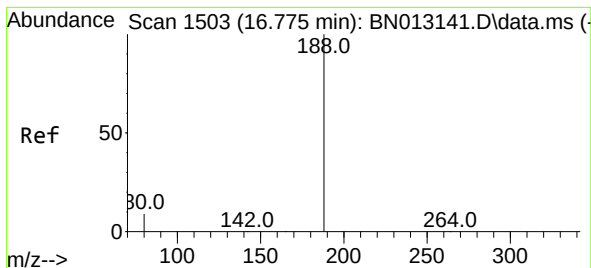
Tgt Ion: 330 Resp: 37
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.2 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.05 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.025 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Tgt Ion: 172 Resp: 230
Ion Ratio Lower Upper
172 100
171 57.5 28.2 42.4#
170 51.7 20.0 30.0#

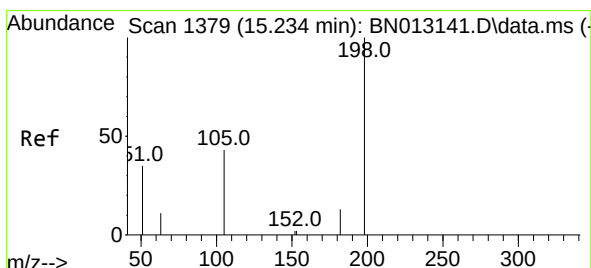
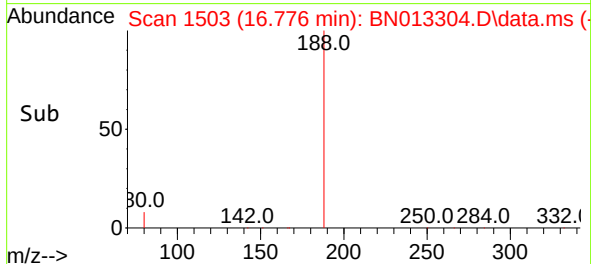
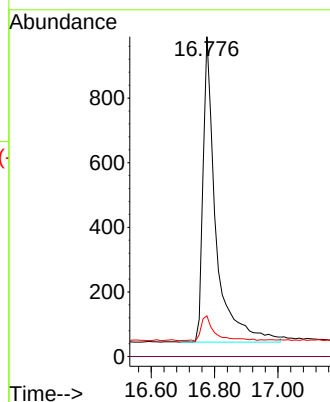
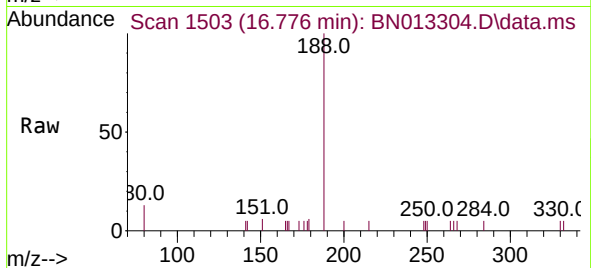




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.776 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

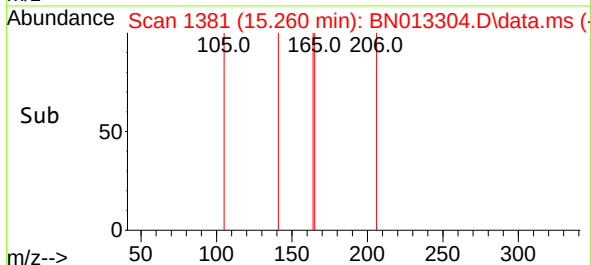
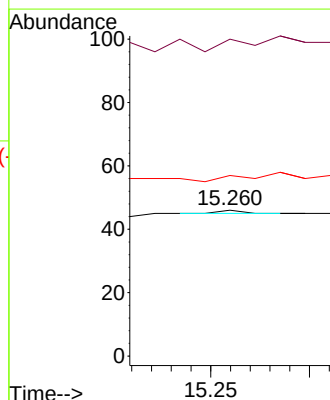
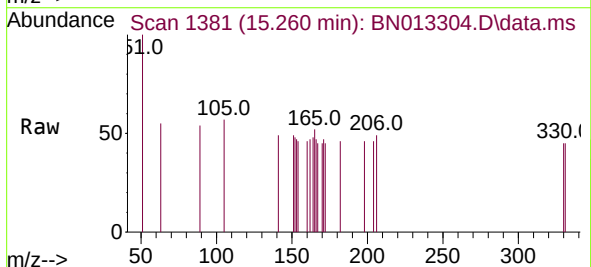
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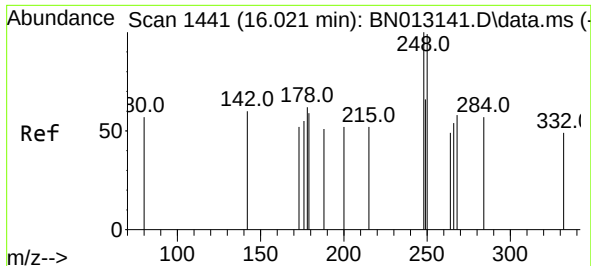
Tgt Ion:	188	Resp:	2675
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.7	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.038 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Tgt Ion:	198	Resp:	1
Ion Ratio	Lower	Upper	
198	100		
51	217.4	43.5	65.3#
105	123.9	27.2	40.8#

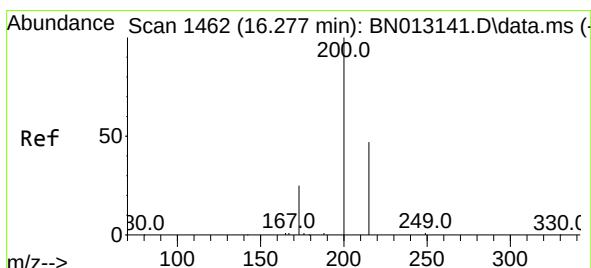
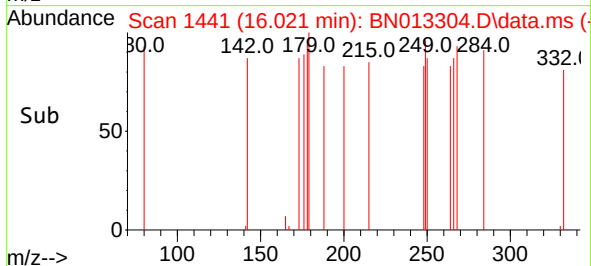
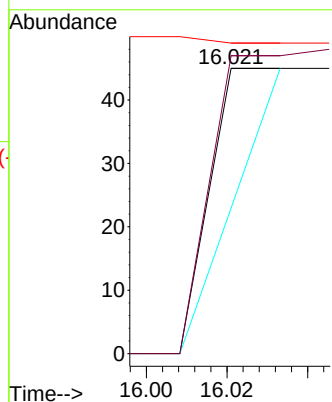
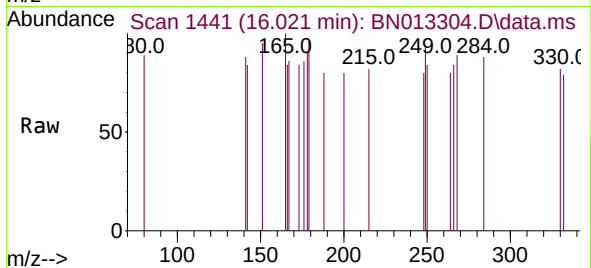




#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

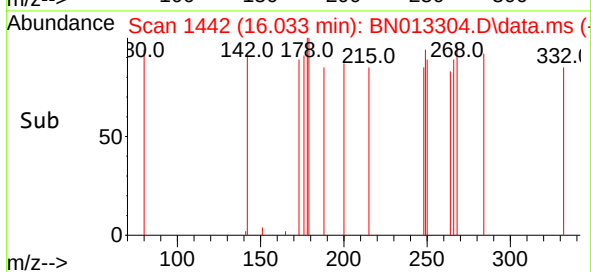
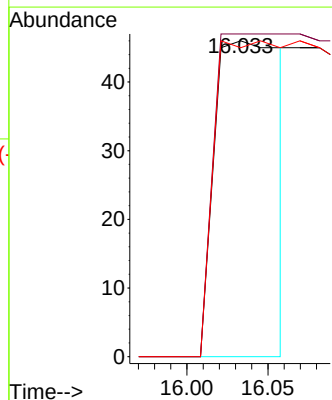
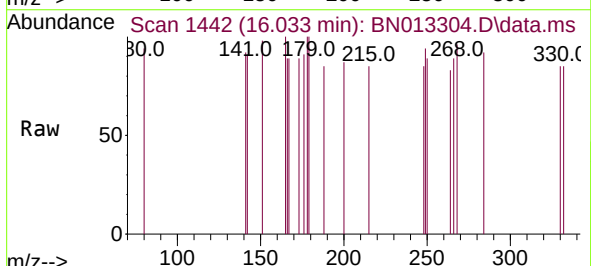
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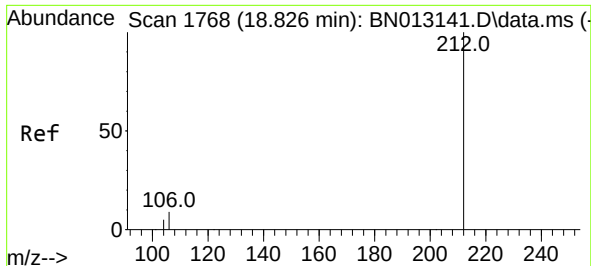
Tgt Ion:248 Resp: 34
Ion Ratio Lower Upper
248 100
250 104.4 77.3 115.9
141 108.9 57.8 86.8#



#23
Atrazine
Concen: 0.08 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.231 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Tgt Ion:200 Resp: 134
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 97.8 38.1 57.1#

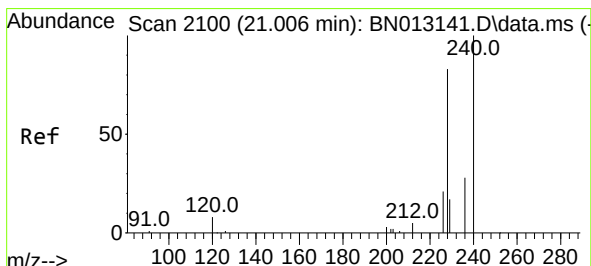
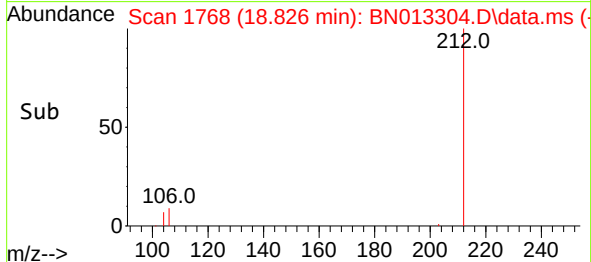
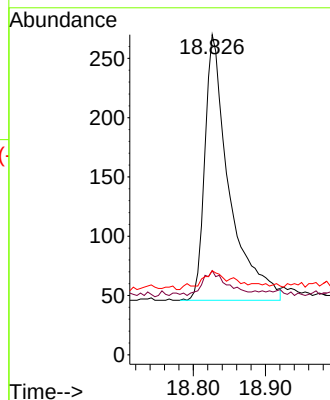
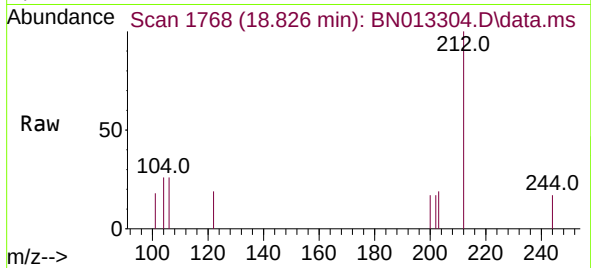




#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.010 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

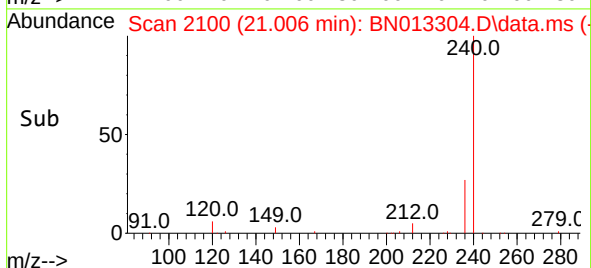
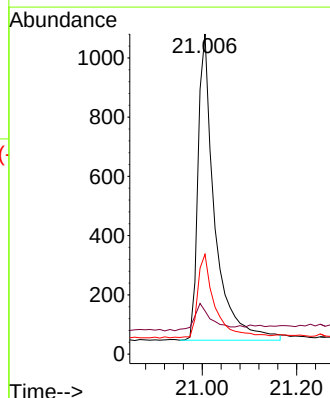
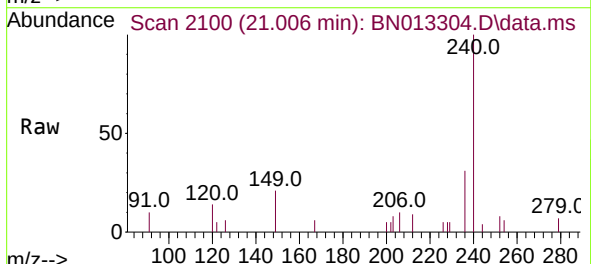
Instrument :
BNA_N
ClientSampleId :
TT101D2-20201211RE

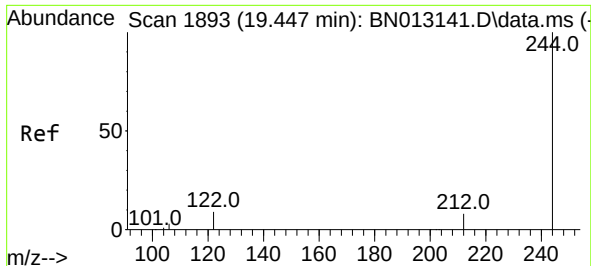
Tgt Ion:212 Resp: 523
Ion Ratio Lower Upper
212 100
106 9.2 6.8 10.2
104 3.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

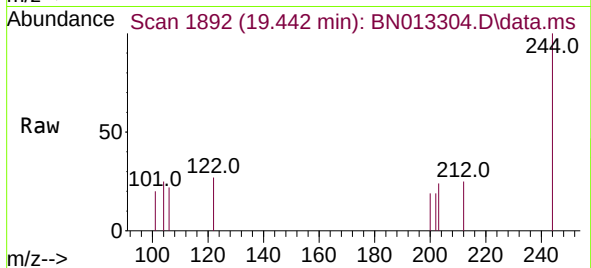
Tgt Ion:240 Resp: 2533
Ion Ratio Lower Upper
240 100
120 13.5 5.3 7.9#
236 31.2 21.8 32.8



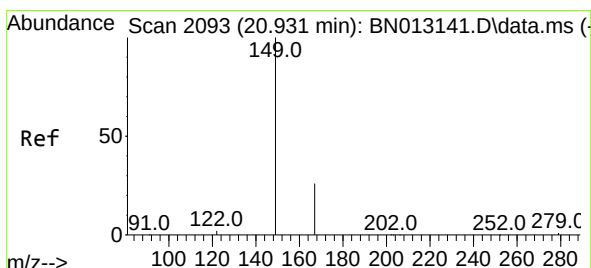
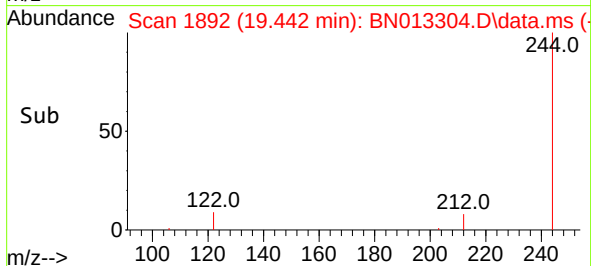
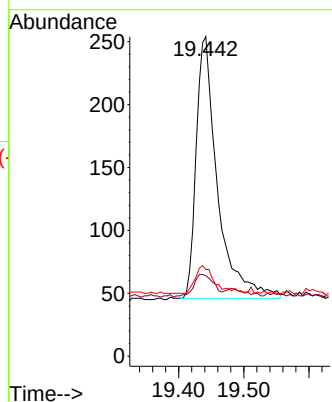


#31
Terphenyl-d14
Concen: 0.07 ng
RT: 19.442 min Scan# 1892
Delta R.T. 0.010 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Instrument :
BNA_N
ClientSampleId :
TT101D2-20201211RE

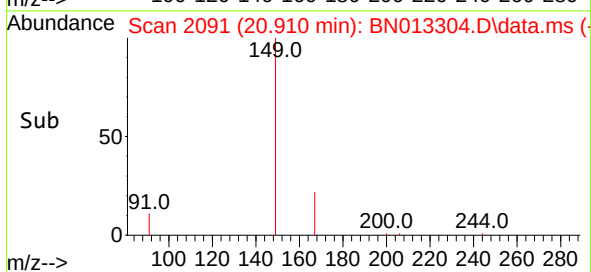
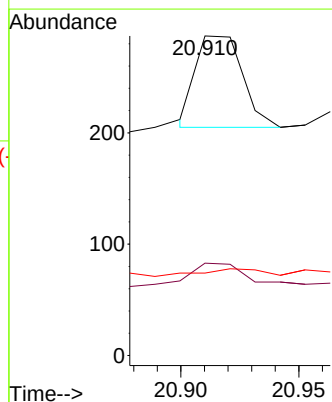
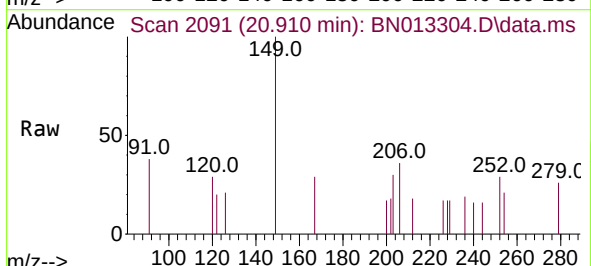


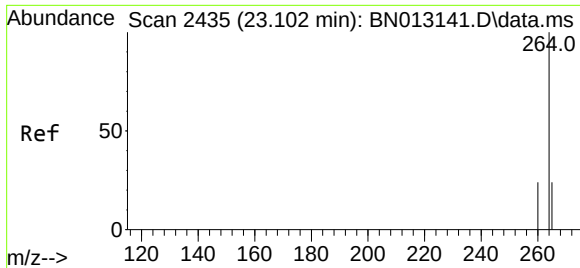
Tgt Ion:244 Resp: 472
Ion Ratio Lower Upper
244 100
212 25.2 7.3 10.9#
122 27.2 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.910 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN013304.D
Acq: 23 Dec 2020 19:34

Tgt Ion:149 Resp: 113
Ion Ratio Lower Upper
149 100
167 23.0 23.2 34.8#
279 6.2 3.9 5.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.085 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN013304.D
 Acq: 23 Dec 2020 19:34

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20201211RE

Tgt Ion:264	Resp:	2746
Ion Ratio	Lower	Upper
264	100	
260	28.0	19.8 29.6
265	87.4	51.4 77.0#

