

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013191.D
 Acq On : 17 Dec 2020 18:13
 Operator : CG/JU
 Sample : L5053-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20201210

Quant Time: Dec 18 03:05:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

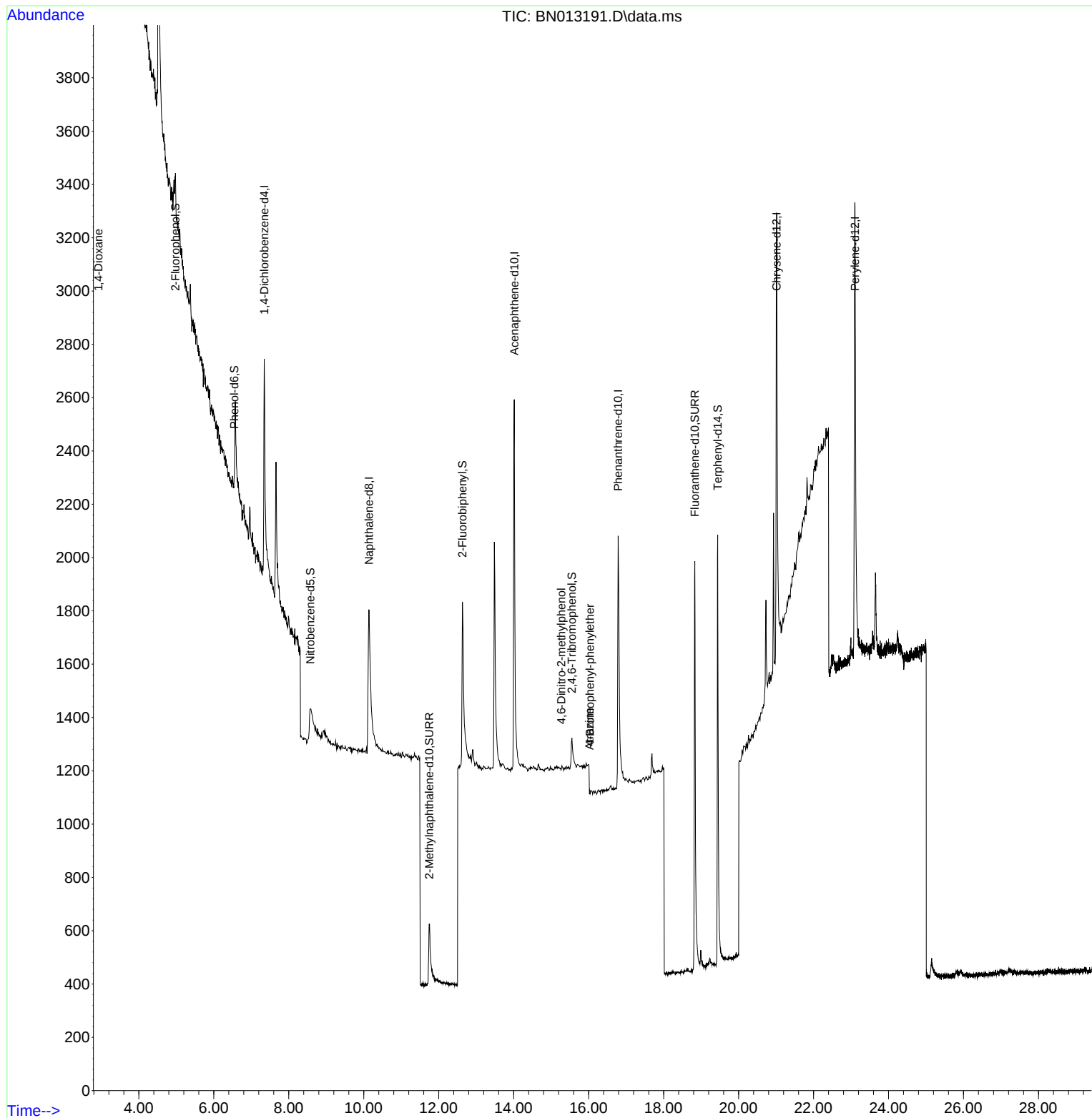
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	657	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1822	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1206	0.40	ng	0.01
19) Phenanthrene-d10	16.788	188	2632	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2701	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3054	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	211	0.08	ng	0.00
5) Phenol-d6	6.549	99	113	0.04	ng	0.00
8) Nitrobenzene-d5	8.579	82	365	0.19	ng	0.06
11) 2-Methylnaphthalene-d10	11.746	152	688	0.21	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	167	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1133	0.22	ng	0.00
27) Fluoranthene-d10	18.831	212	2870	0.33	ng	0.00
31) Terphenyl-d14	19.442	244	2501	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	6243	5.45	ng	97
20) 4,6-Dinitro-2-methylph...	15.272	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	134	0.26	ng	# 78
23) Atrazine	16.021	200	202	0.13	ng	# 3
34) Bis(2-ethylhexyl)phtha...	20.931	149	491	Below	Cal	98

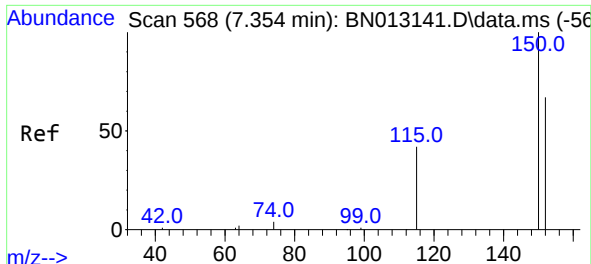
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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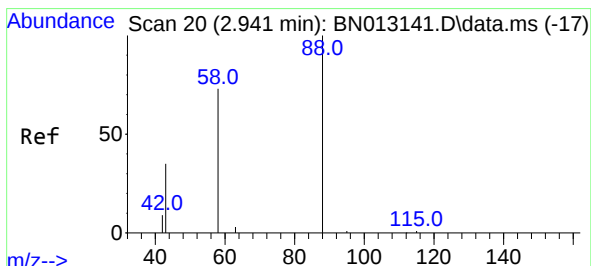
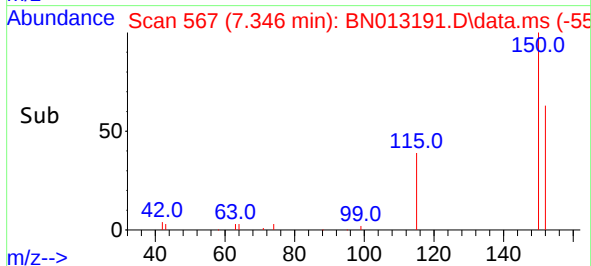
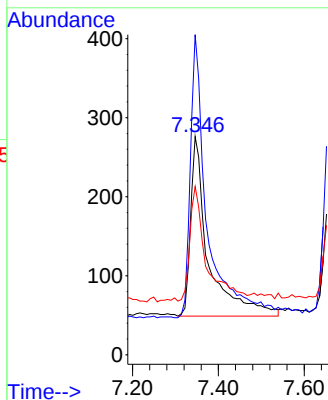
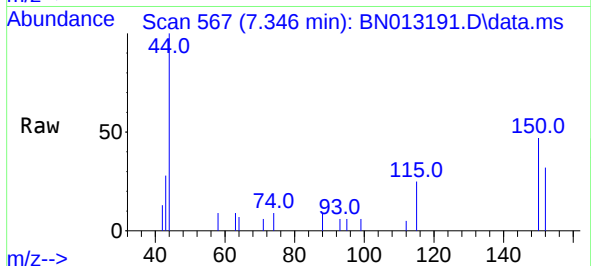


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: BN013191.D
 Acq: 17 Dec 2020 18:13

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20201210

Tgt Ion: 152 Resp: 657

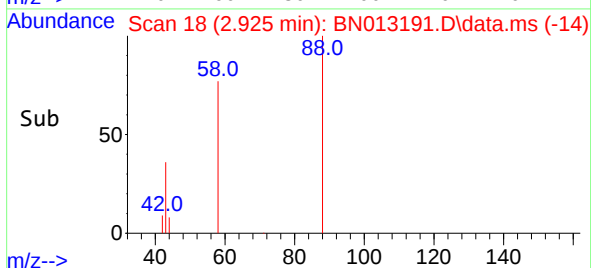
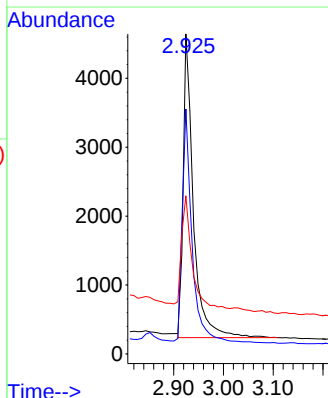
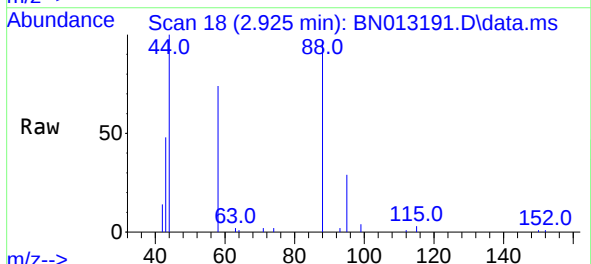
Ion	Ratio	Lower	Upper
152	100		
150	146.7	116.6	174.8
115	77.2	52.9	79.3

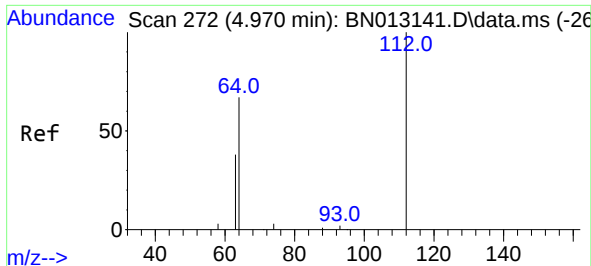


#2
 1,4-Dioxane
 Concen: 5.45 ng
 RT: 2.925 min Scan# 18
 Delta R.T. -0.016 min
 Lab File: BN013191.D
 Acq: 17 Dec 2020 18:13

Tgt Ion: 88 Resp: 6243

Ion	Ratio	Lower	Upper
88	100		
58	75.5	59.4	89.2
43	36.8	32.3	48.5

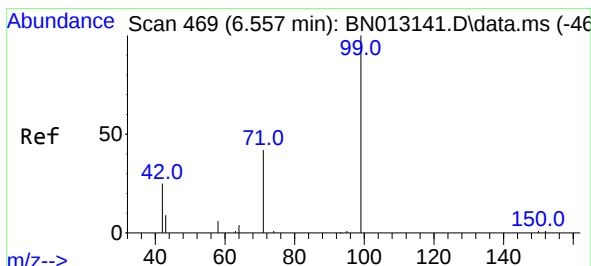
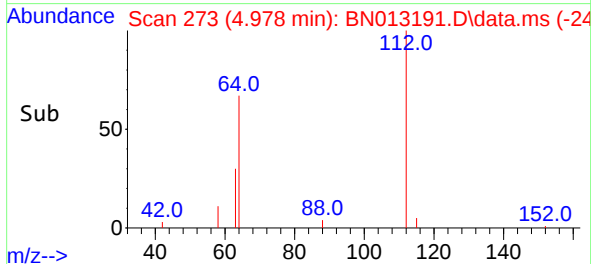
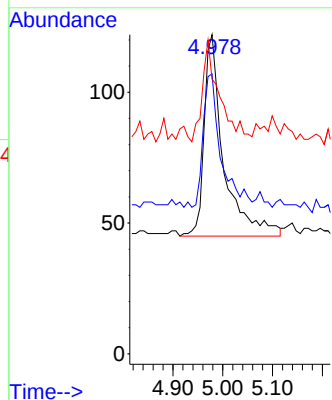
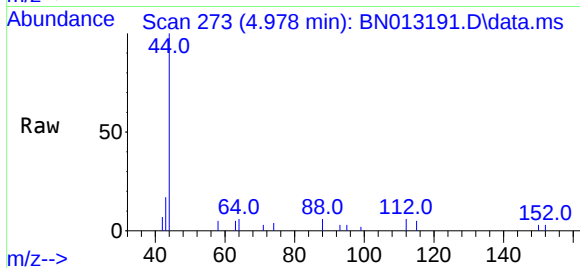




#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

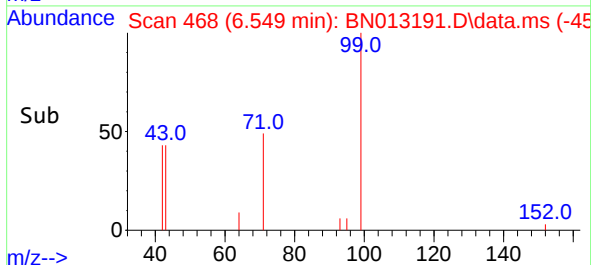
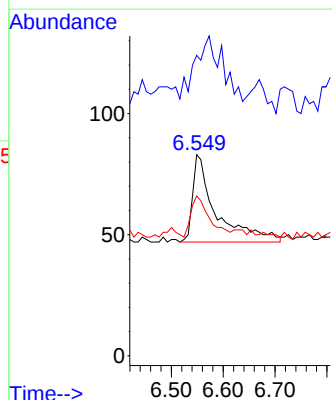
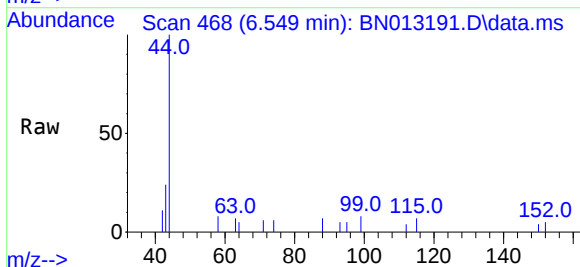
Instrument :
BNA_N
ClientSampleId :
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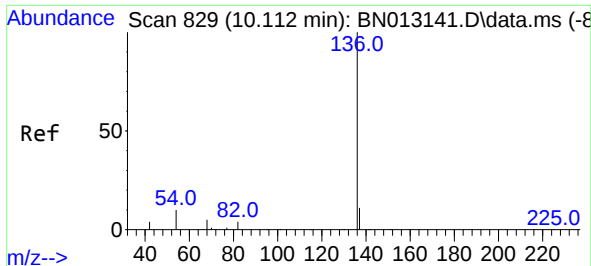
Tgt Ion:112 Resp: 211
Ion Ratio Lower Upper
112 100
64 59.7 49.5 74.3
63 44.5 32.0 48.0



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion: 99 Resp: 113
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 37.2 37.8 56.6#

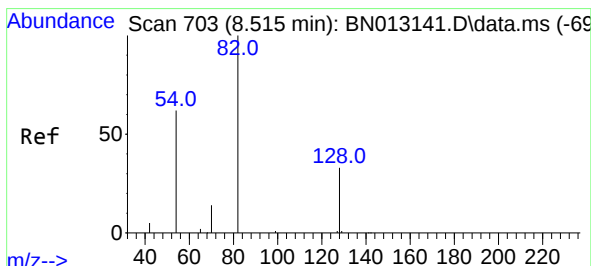
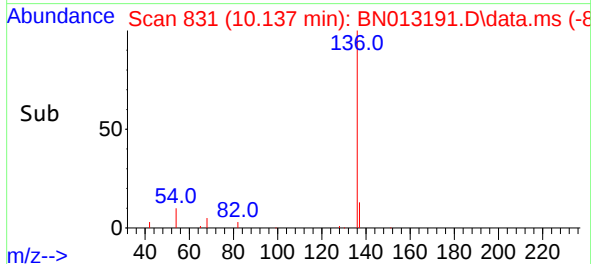
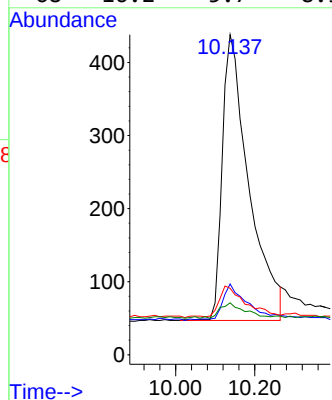
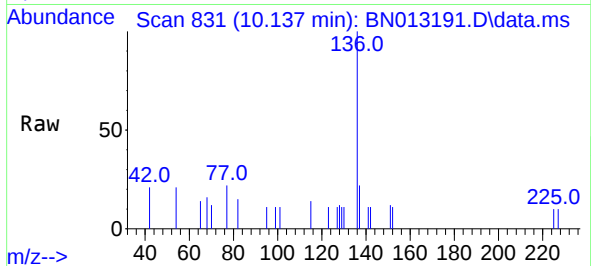




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.026 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

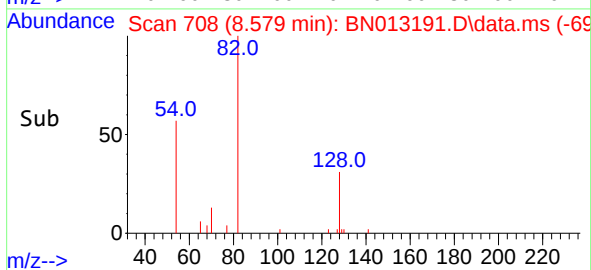
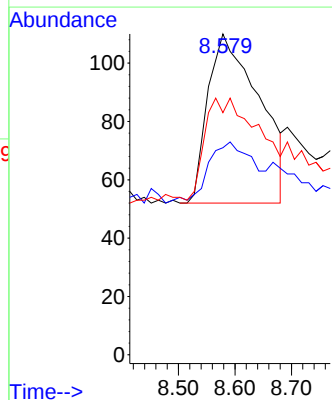
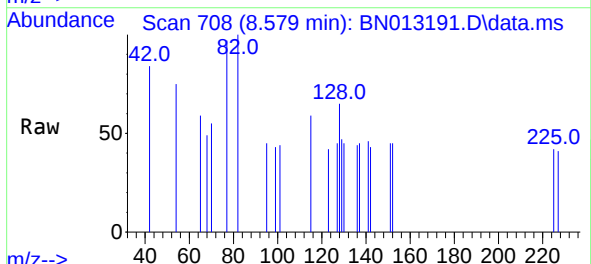
Instrument :
BNA_N
ClientSampleId :
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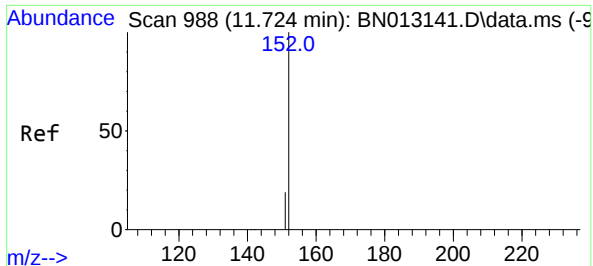
Tgt Ion:	136	Resp:	1822
Ion	Ratio	Lower	Upper
136	100		
137	22.1	10.6	15.8#
54	20.8	8.6	12.8#
68	16.2	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 8.579 min Scan# 708
Delta R.T. 0.064 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:	82	Resp:	365
Ion	Ratio	Lower	Upper
82	100		
128	64.5	30.6	46.0#
54	75.5	48.3	72.5#

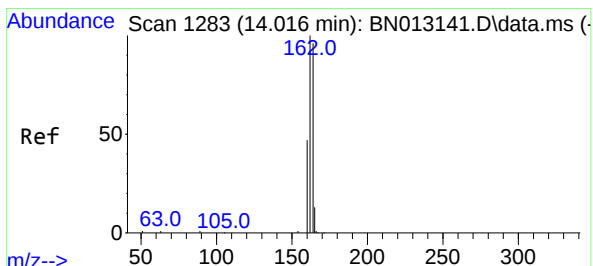
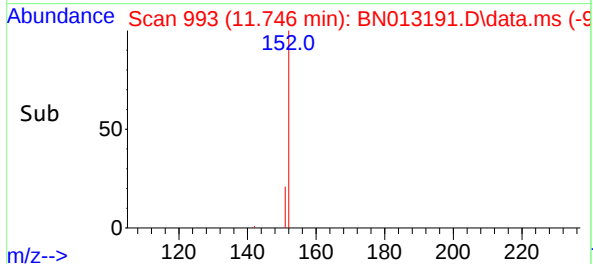
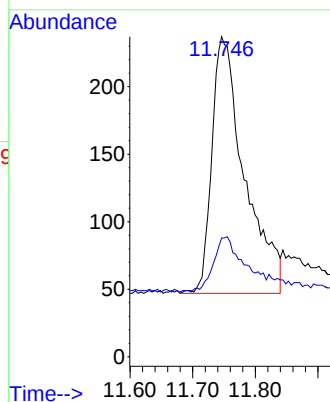
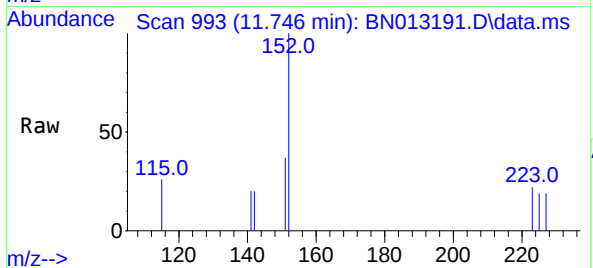




#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.018 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

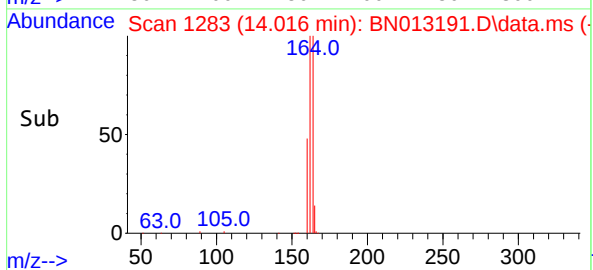
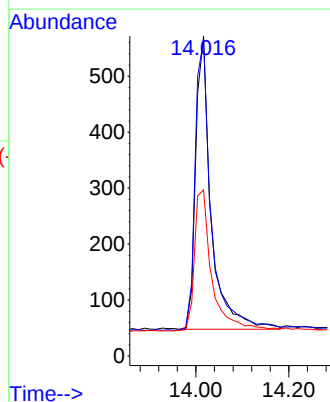
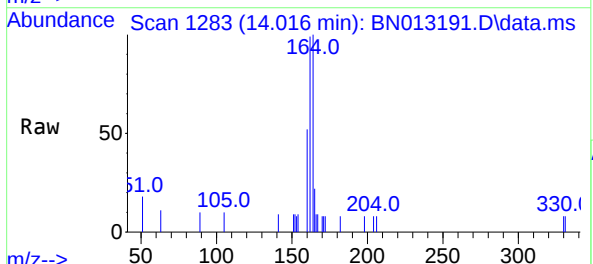
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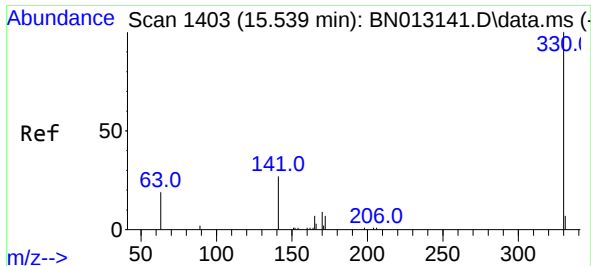
Tgt Ion:152 Resp: 688
Ion Ratio Lower Upper
152 100
151 23.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:164 Resp: 1206
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 51.9 39.5 59.3

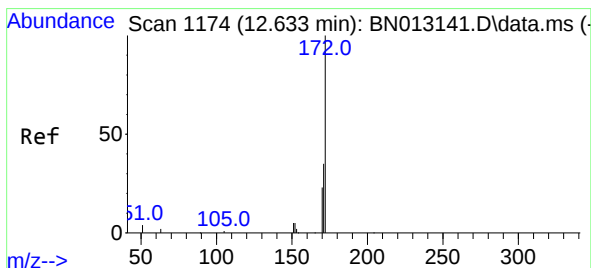
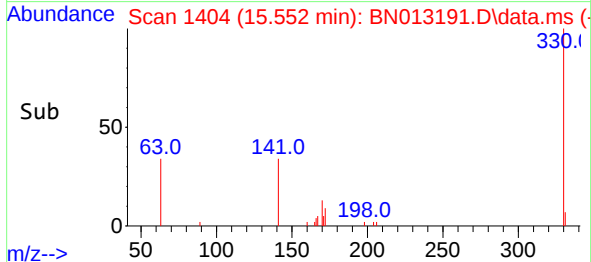
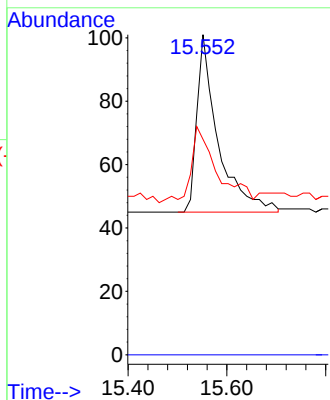
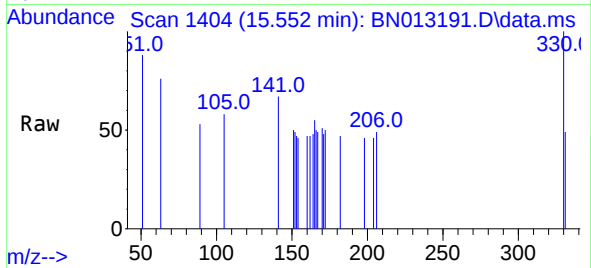




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

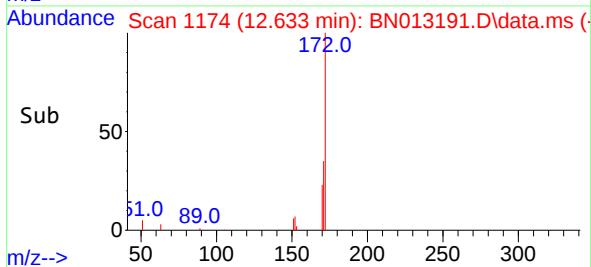
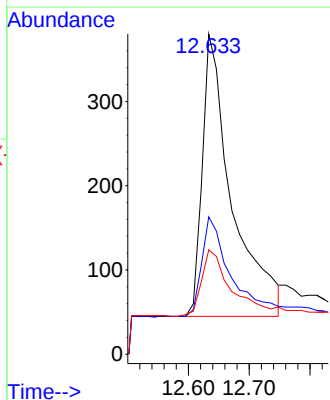
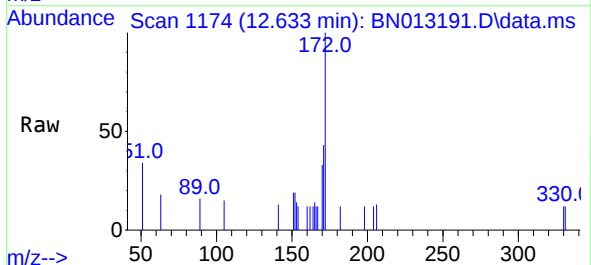
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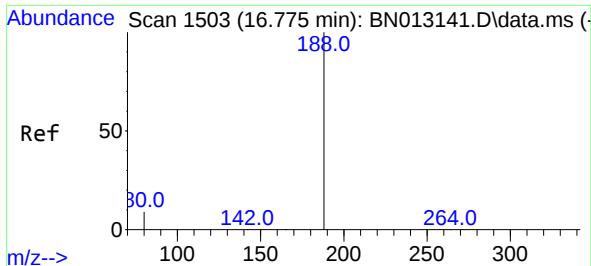
Tgt Ion:330 Resp: 167
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.9 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:172 Resp: 1133
Ion Ratio Lower Upper
172 100
171 42.9 28.2 42.4#
170 32.6 20.0 30.0#

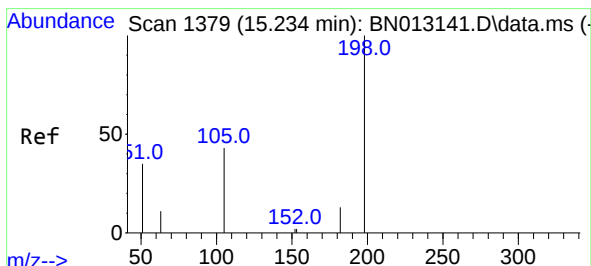
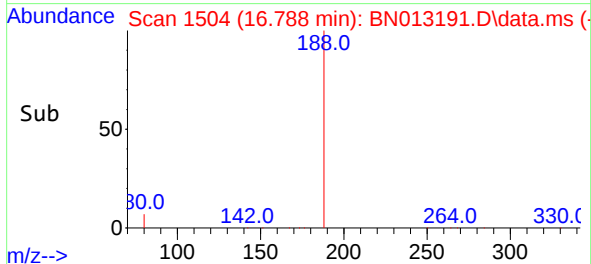
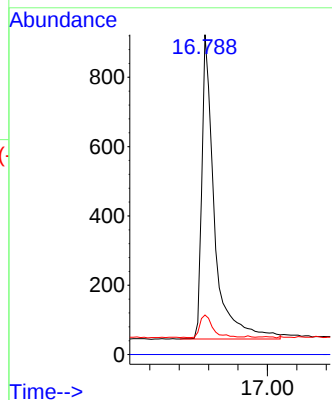
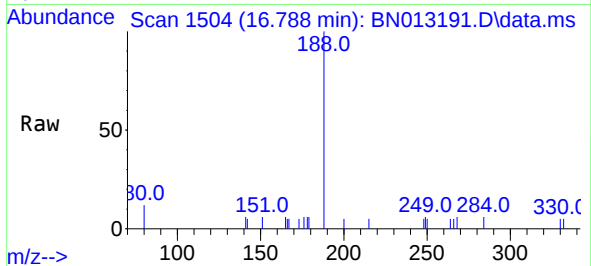




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

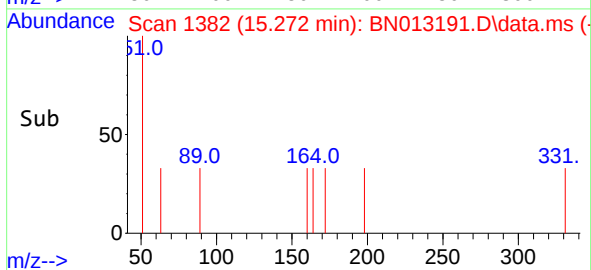
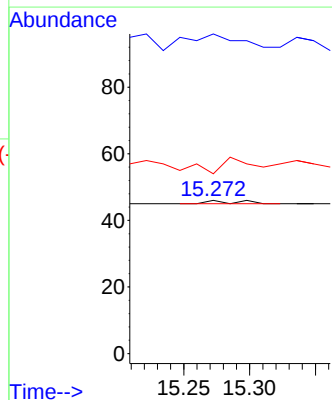
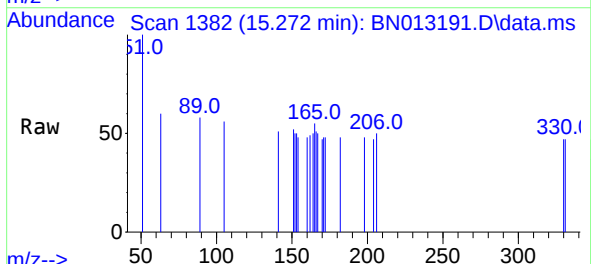
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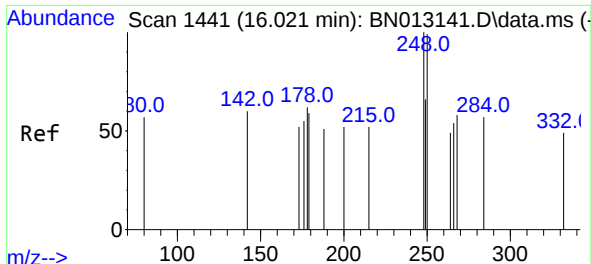
Tgt Ion:	188	Resp:	2632
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.026 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:	198	Resp:	2
Ion	Ratio	Lower	Upper
198	100		
51	208.7	43.5	65.3#
105	117.4	27.2	40.8#

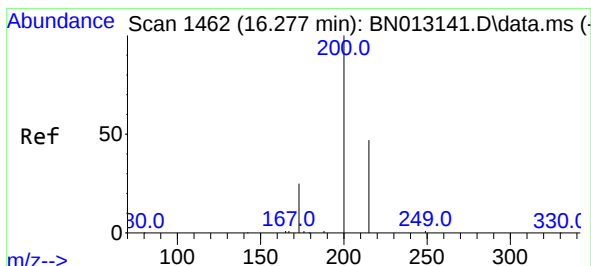
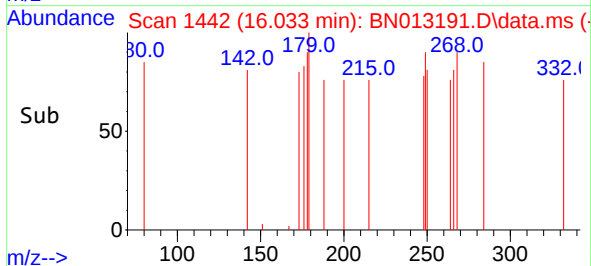
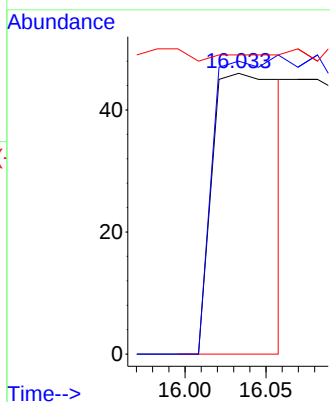
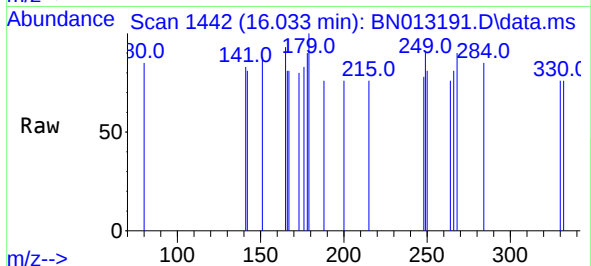




#21
4-Bromophenyl-phenylether
Concen: 0.26 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

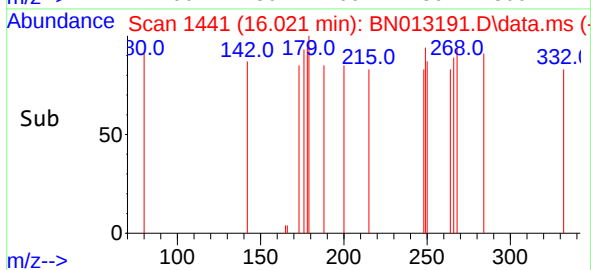
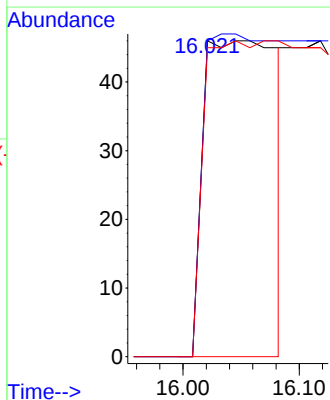
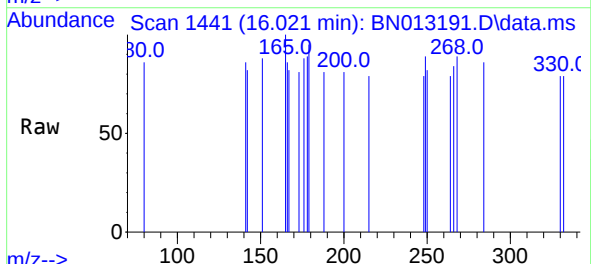
Instrument :
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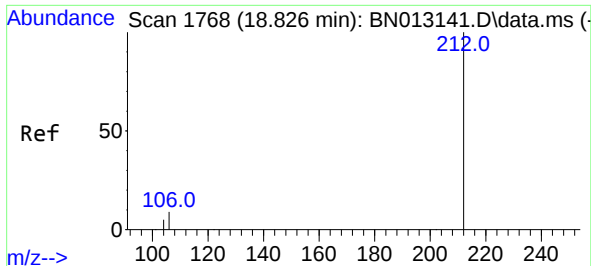
Tgt Ion:248 Resp: 134
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 106.5 57.8 86.8#



#23
Atrazine
Concen: 0.13 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.255 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:200 Resp: 202
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 97.8 38.1 57.1#

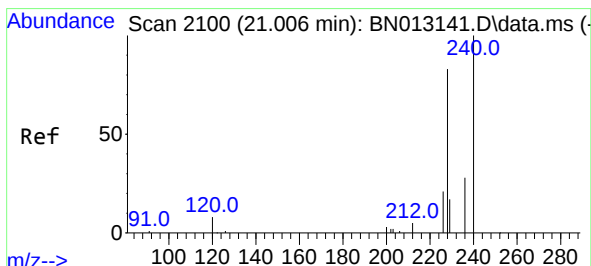
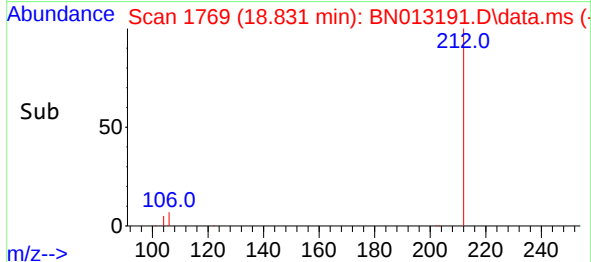
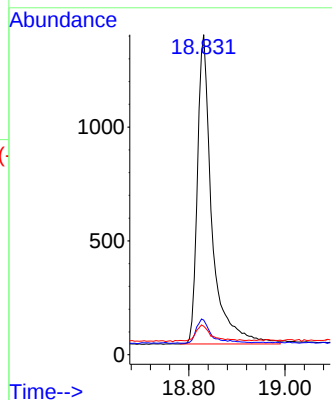
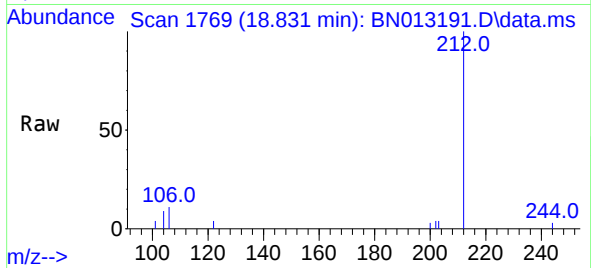




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

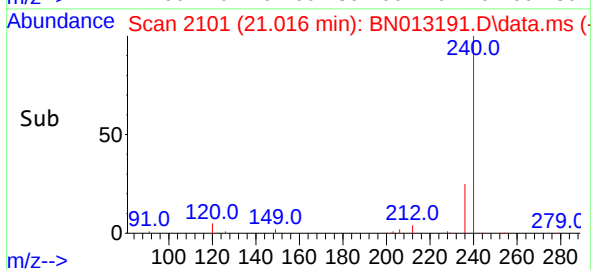
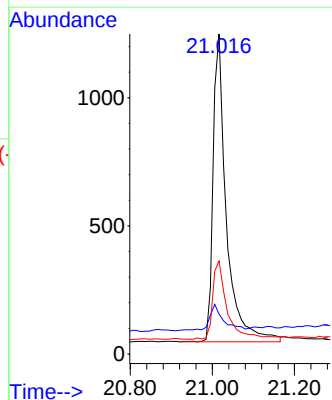
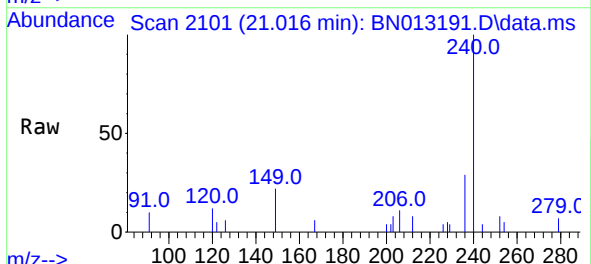
Instrument :
BNA_N
ClientSampleId :
RE120D2-20201210

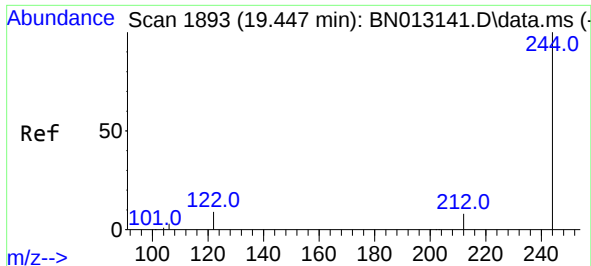
Tgt Ion:212 Resp: 2870
Ion Ratio Lower Upper
212 100
106 7.9 6.8 10.2
104 4.8 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

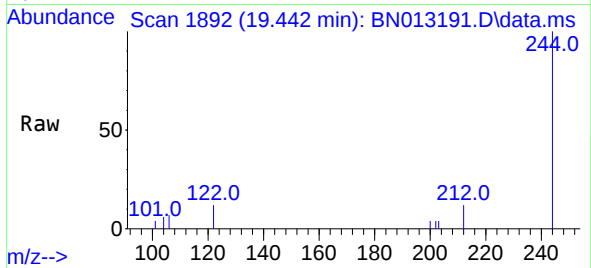
Tgt Ion:240 Resp: 2701
Ion Ratio Lower Upper
240 100
120 12.5 5.3 7.9#
236 29.1 21.8 32.8



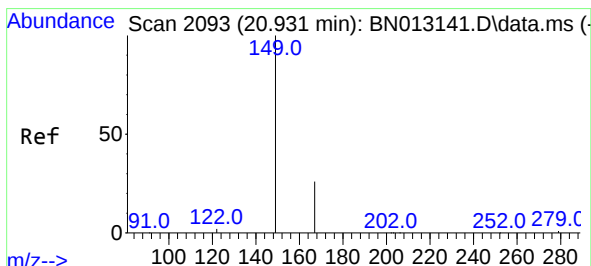
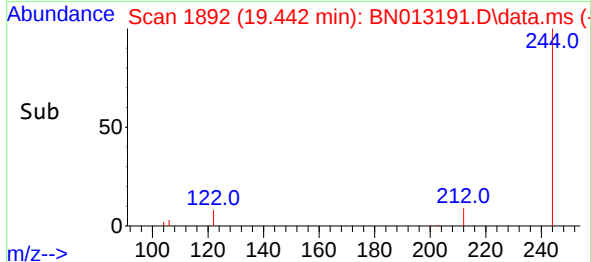
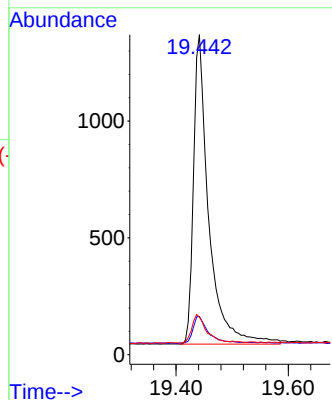


#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Instrument :
BNA_N
ClientSampleId :
RE120D2-20201210

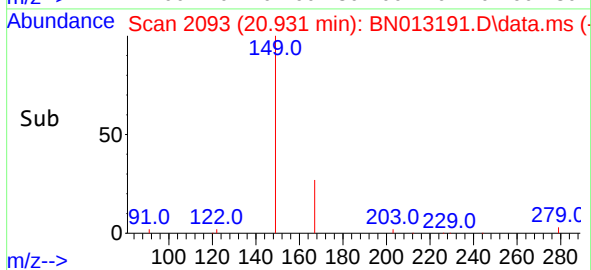
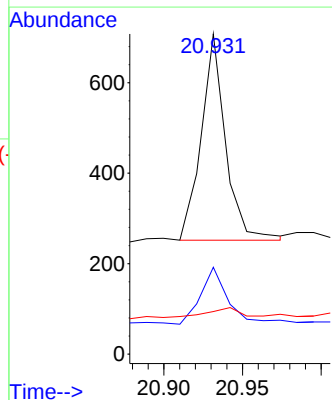
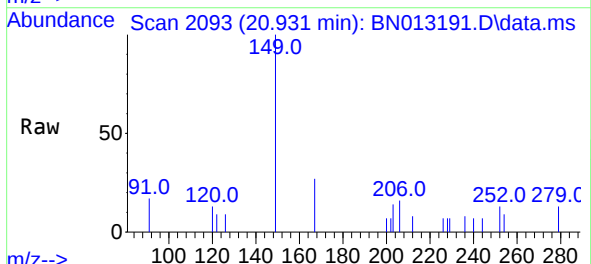


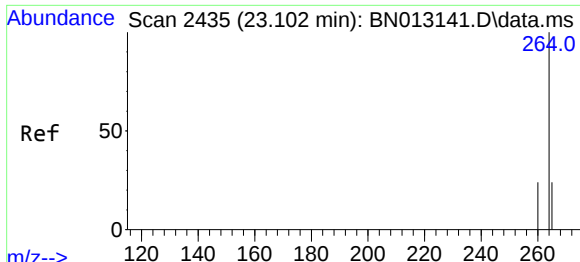
Tgt Ion:244 Resp: 2501
Ion Ratio Lower Upper
244 100
212 12.0 7.3 10.9#
122 11.8 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:149 Resp: 491
Ion Ratio Lower Upper
149 100
167 30.3 23.2 34.8
279 4.9 3.9 5.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Instrument :
BNA_N
ClientSampleId :
RE120D2-20201210

Tgt Ion:264 Resp: 3054

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.8	29.6
265	91.9	51.4	77.0#

