

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013302.D
 Acq On : 23 Dec 2020 18:22
 Operator : CG/JU
 Sample : L5139-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW3-4-20201215

Quant Time: Dec 24 03:35:40 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)

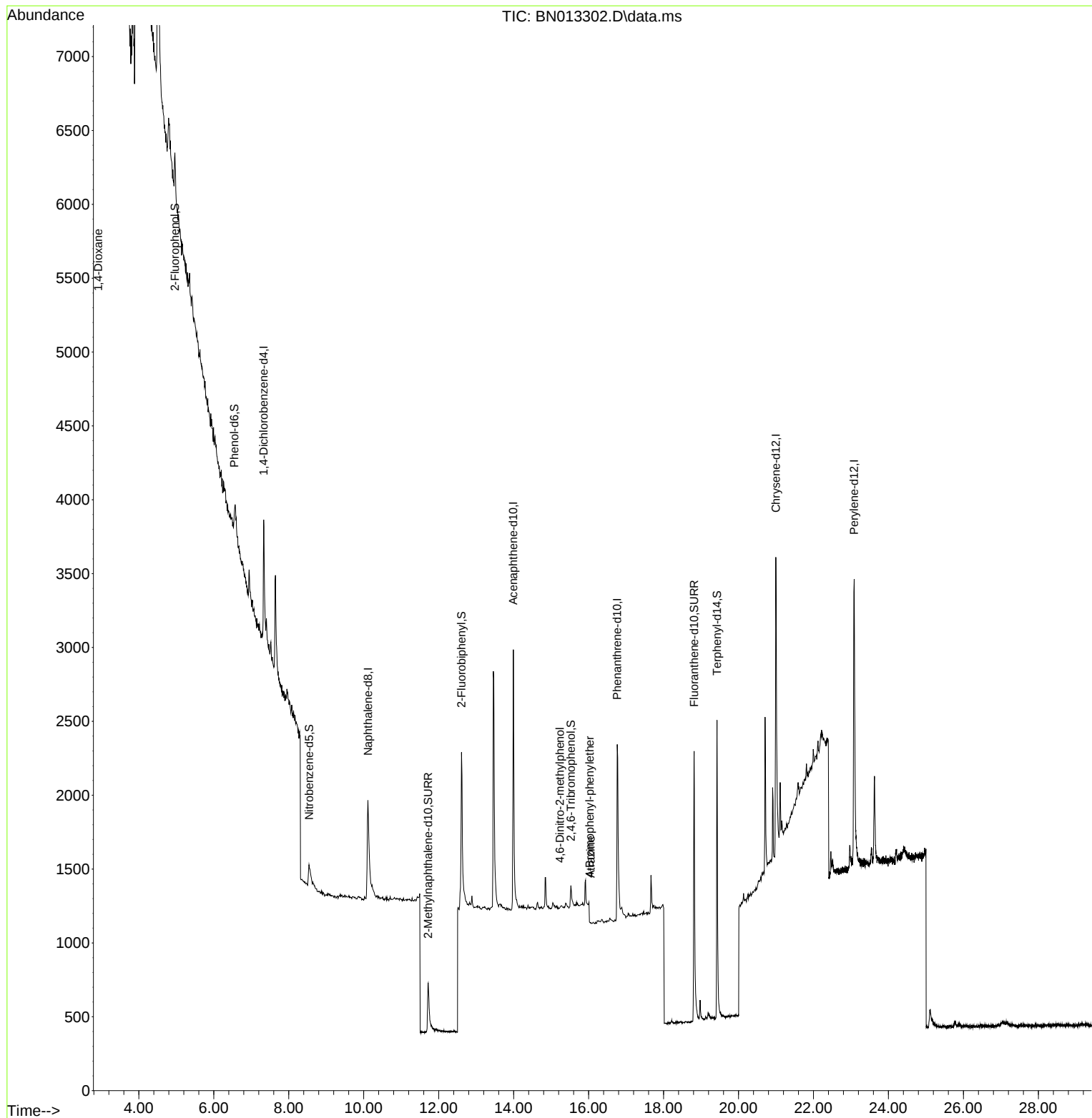
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	693	0.40	ng	# 0.00
7) Naphthalene-d8	10.112	136	1890	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1275	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	2879	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	2942	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	3262	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	352	0.12	ng	0.00
5) Phenol-d6	6.548	99	171	0.06	ng	0.00
8) Nitrobenzene-d5	8.540	82	445	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.719	152	957	0.29	ng	0.01
14) 2,4,6-Tribromophenol	15.526	330	175	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1483	0.28	ng	0.00
27) Fluoranthene-d10	18.816	212	3193	0.34	ng	0.00
31) Terphenyl-d14	19.426	244	2757	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.916	88	2299	1.90	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.234	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	135	0.24	ng	# 76
23) Atrazine	16.057	200	238	0.14	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.910	149	497	Below	Cal	99

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

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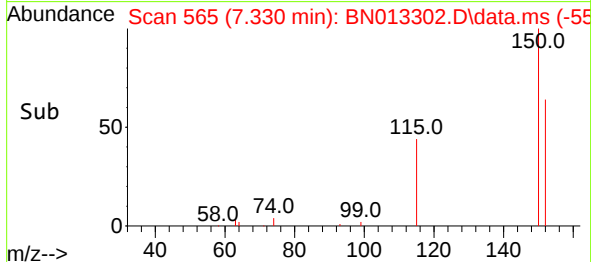
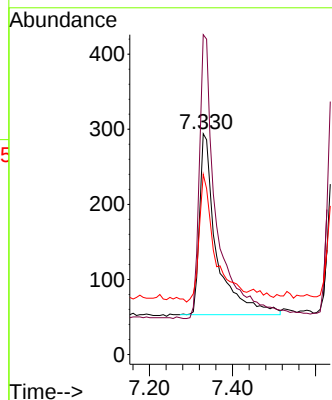
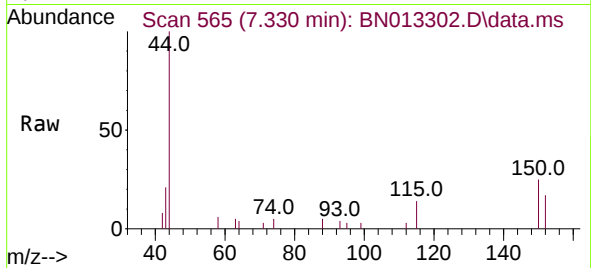




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

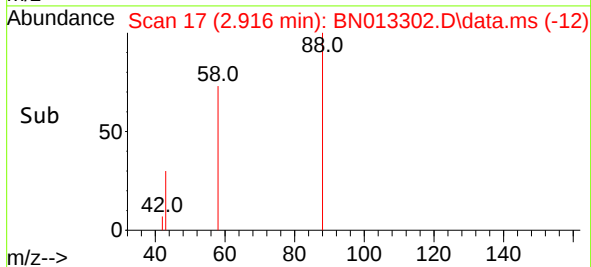
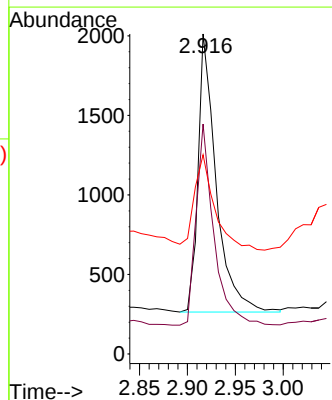
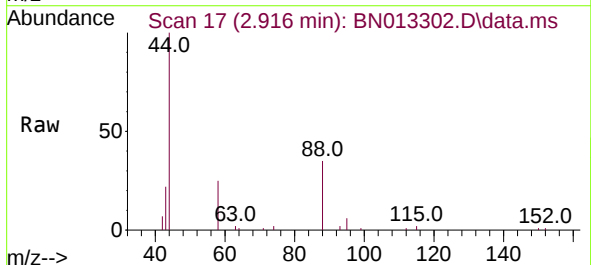
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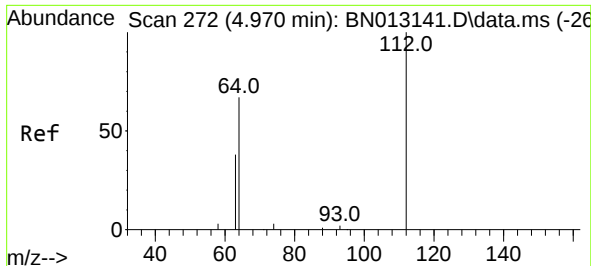
Tgt Ion:152 Resp: 693
Ion Ratio Lower Upper
152 100
150 144.9 116.6 174.8
115 81.6 52.9 79.3#



#2
1,4-Dioxane
Concen: 1.90 ng
RT: 2.916 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion: 88 Resp: 2299
Ion Ratio Lower Upper
88 100
58 71.0 59.4 89.2
43 38.5 32.3 48.5

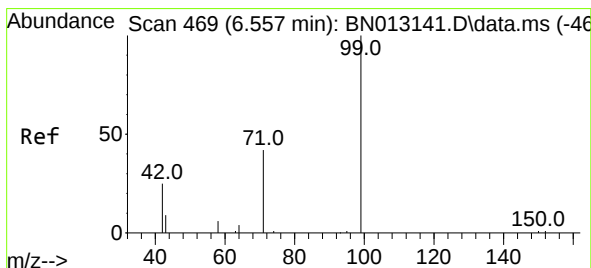
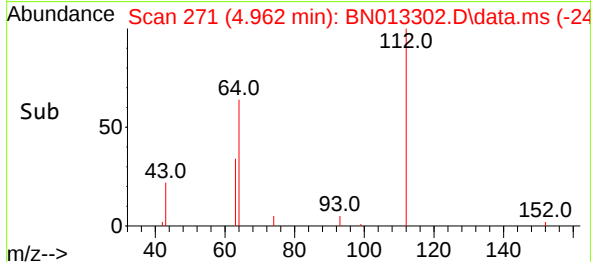
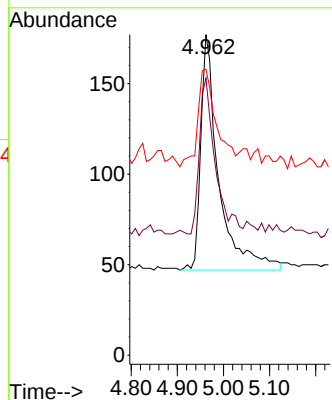
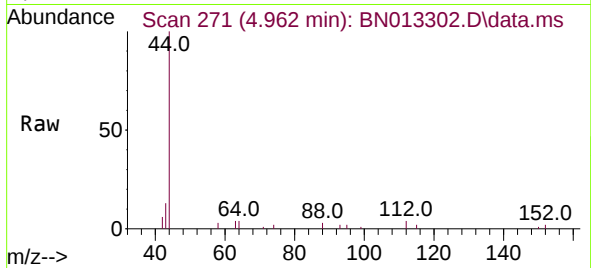




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

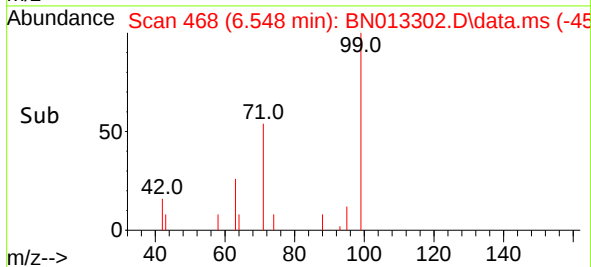
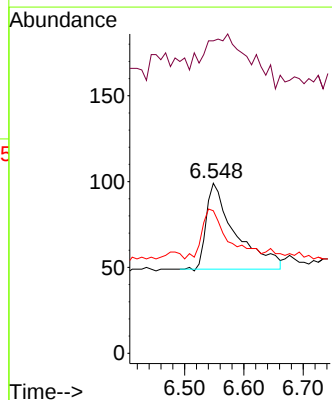
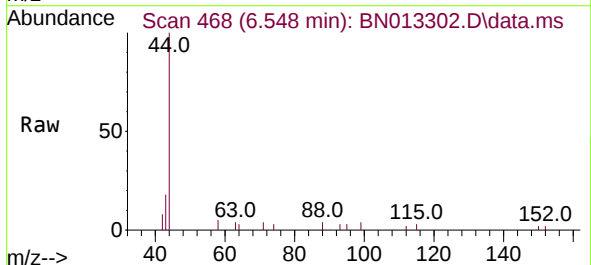
Instrument :
BNA_N
ClientSampleId :
BPOW3-4-20201215

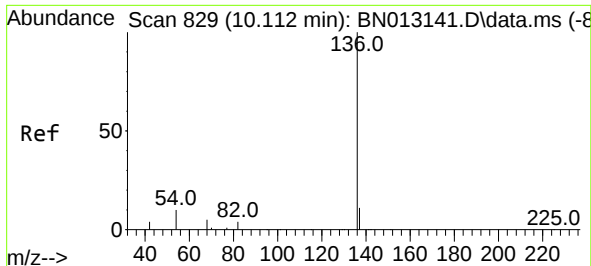
Tgt Ion:	112	Resp:	352
Ion Ratio	Lower	Upper	
112	100		
64	58.5	49.5	74.3
63	42.9	32.0	48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.548 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:	99	Resp:	171
Ion Ratio	Lower	Upper	
99	100		
42	0.0	22.4	33.6#
71	51.5	37.8	56.6

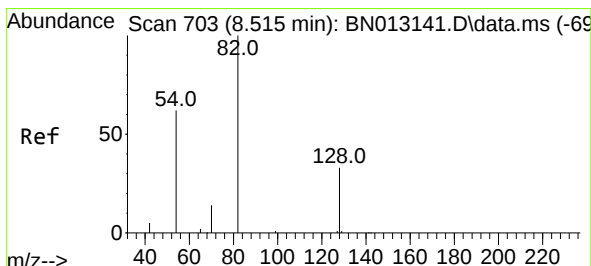
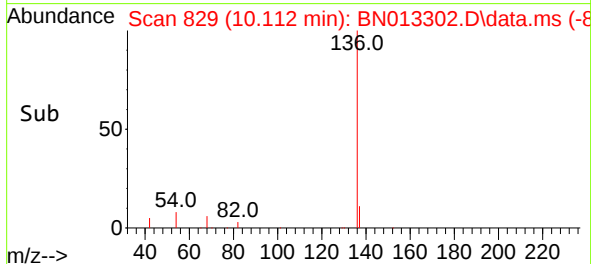
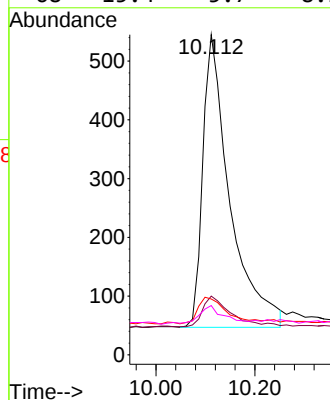
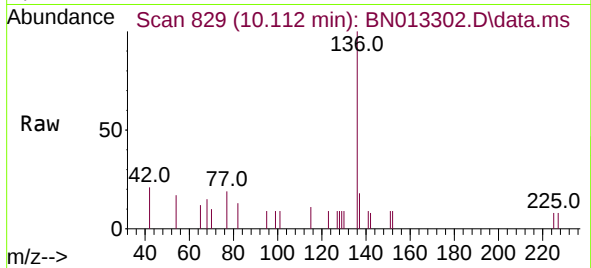




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.012 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

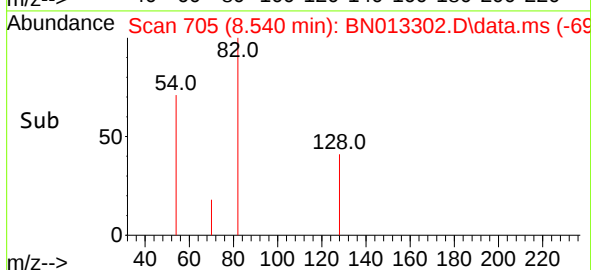
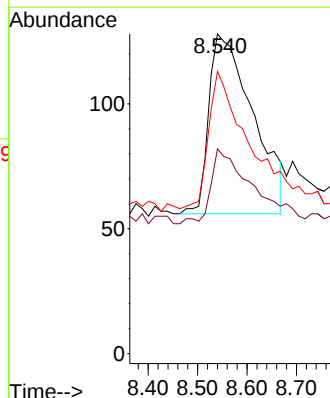
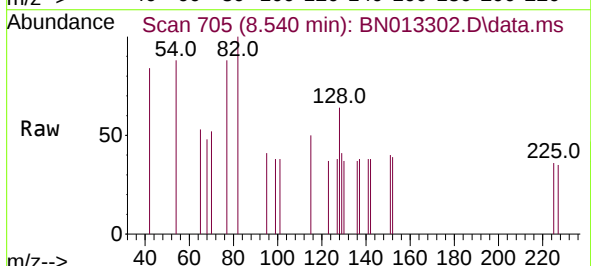
Instrument :
BNA_N
ClientSampleId :
BPOW3-4-20201215

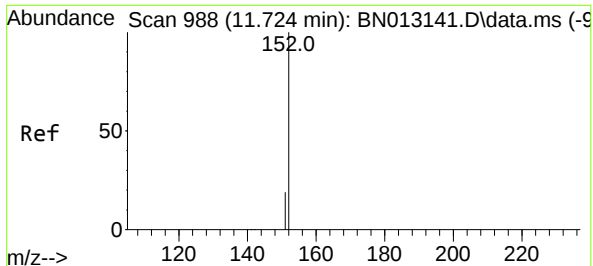
Tgt Ion:	136	Resp:	1890
Ion Ratio	Lower	Upper	
136	100		
137	18.3	10.6	15.8#
54	17.4	8.6	12.8#
68	15.4	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:	82	Resp:	445
Ion Ratio	Lower	Upper	
82	100		
128	64.1	30.6	46.0#
54	88.3	48.3	72.5#

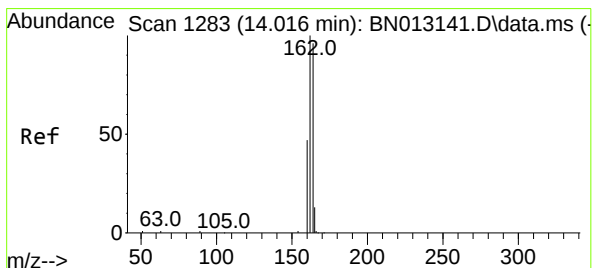
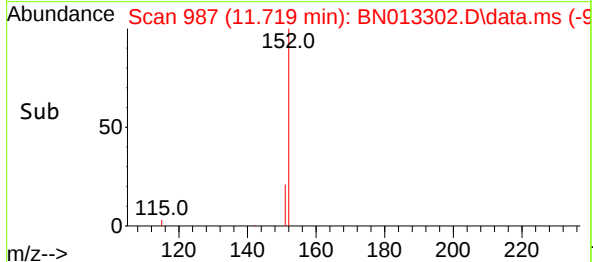
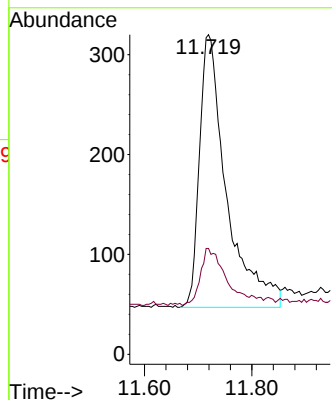
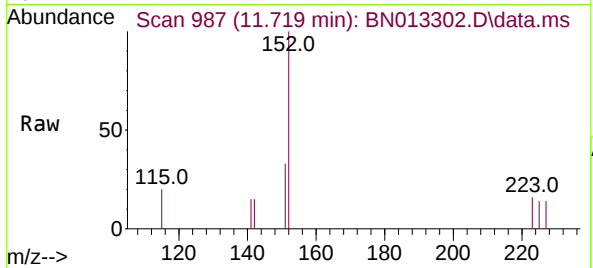




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

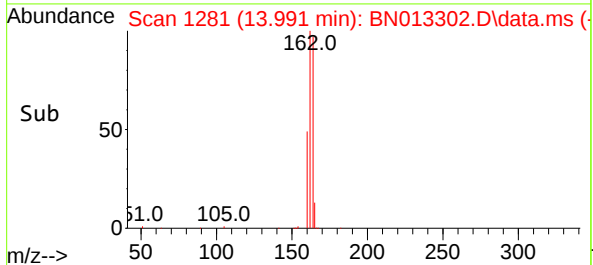
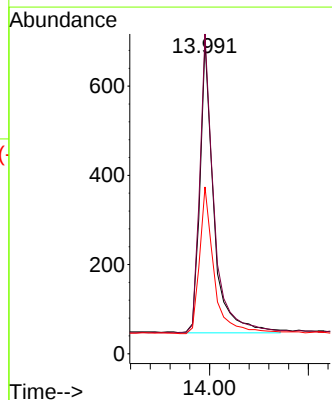
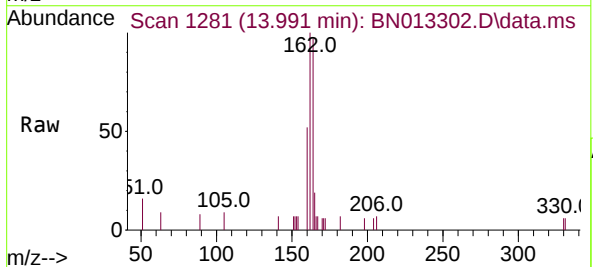
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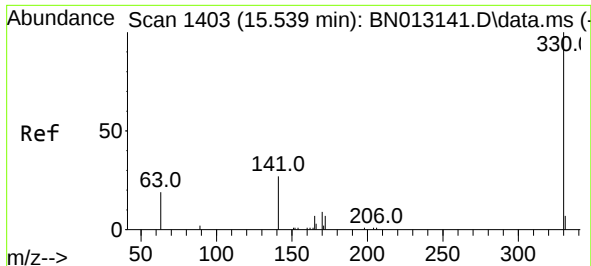
Tgt Ion:152 Resp: 957
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:164 Resp: 1275
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 53.5 39.5 59.3

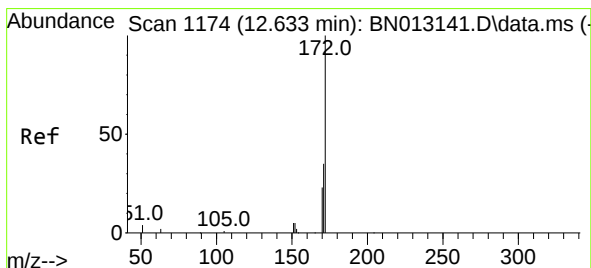
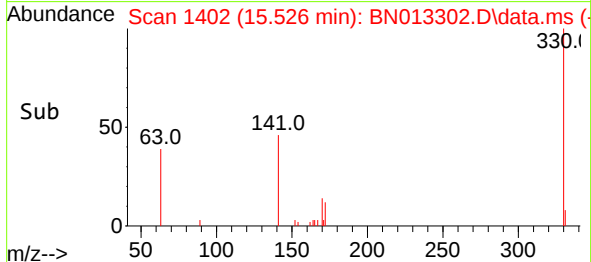
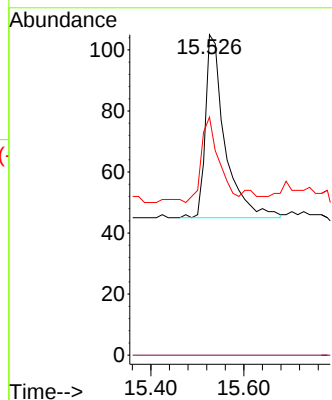
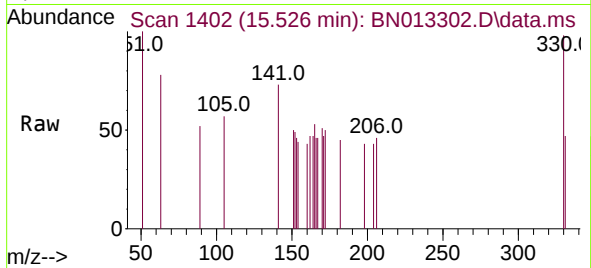




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

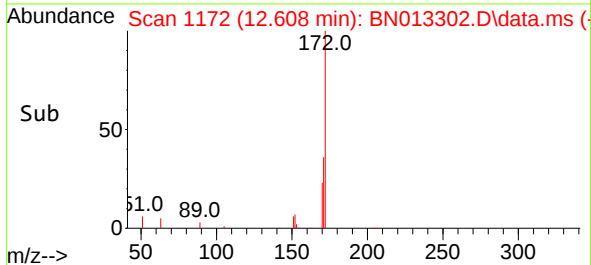
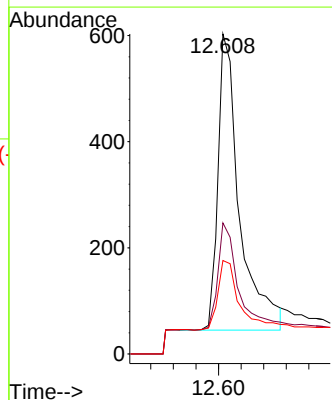
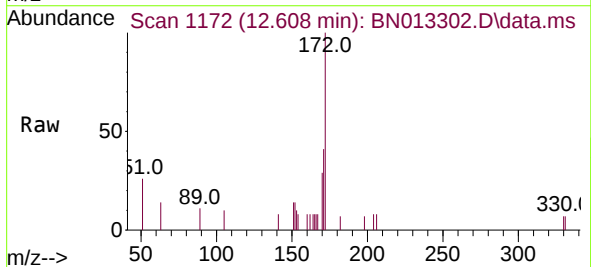
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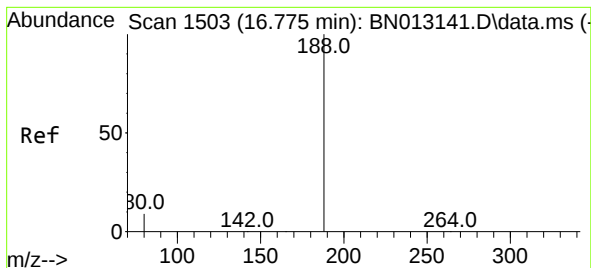
Tgt Ion:330 Resp: 175
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.9 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:172 Resp: 1483
Ion Ratio Lower Upper
172 100
171 41.0 28.2 42.4
170 29.2 20.0 30.0

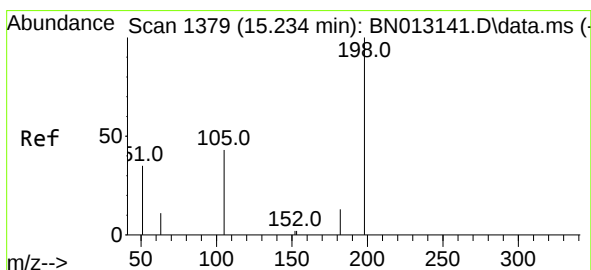
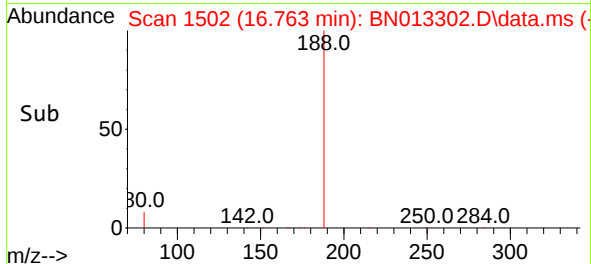
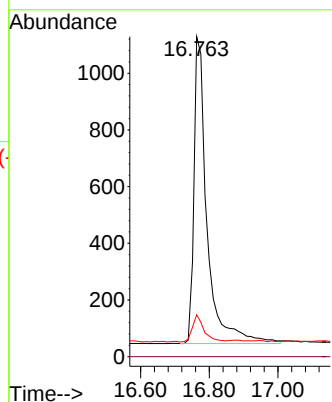
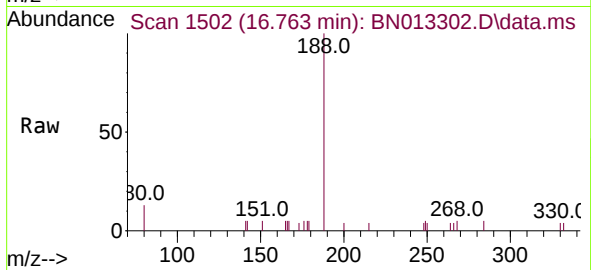




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

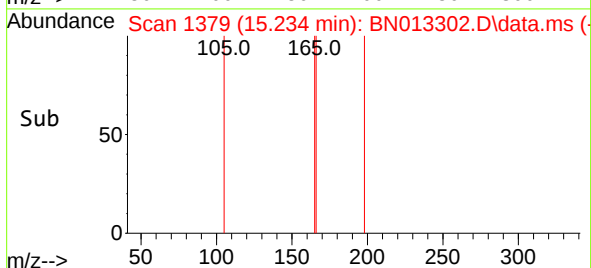
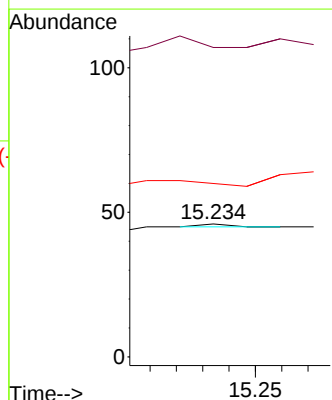
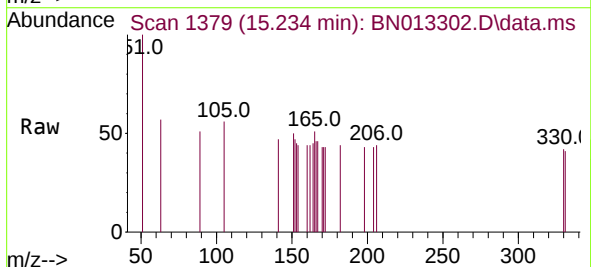
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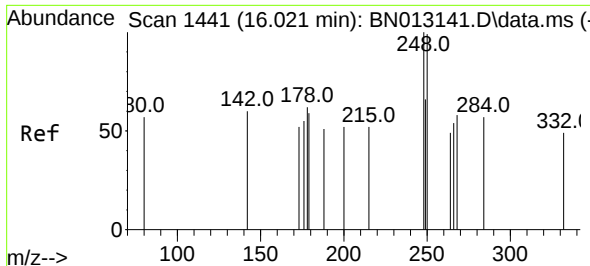
Tgt Ion:188	Resp:	2879
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.1	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.012 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:198	Resp:	1
Ion Ratio	Lower	Upper
198	100	
51	232.6	43.5
105	130.4	27.2

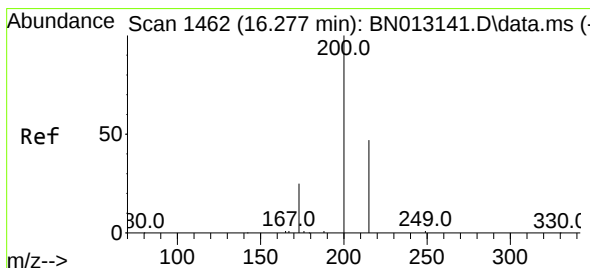
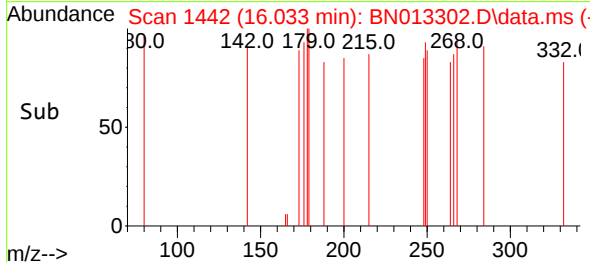
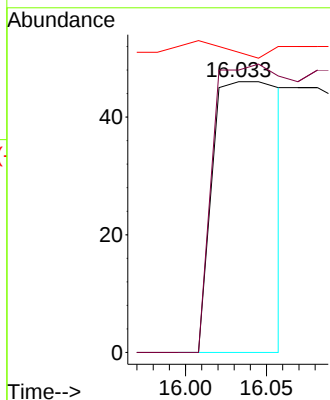
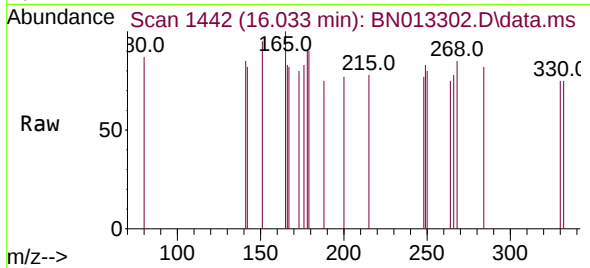




#21
4-Bromophenyl-phenylether
Concen: 0.24 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

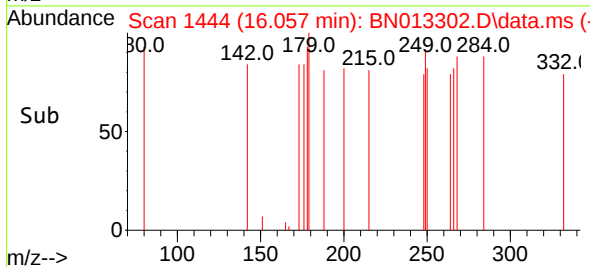
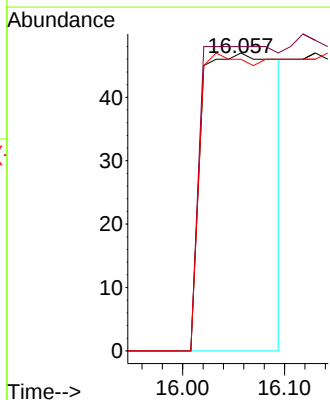
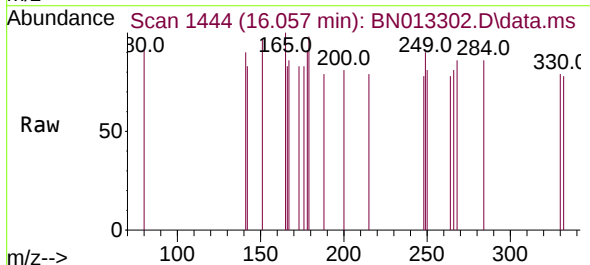
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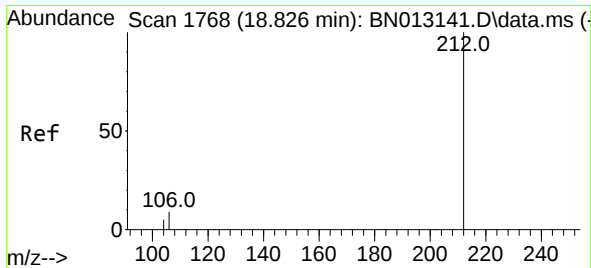
Tgt Ion:248 Resp: 135
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 110.9 57.8 86.8#



#23
Atrazine
Concen: 0.14 ng
RT: 16.057 min Scan# 1444
Delta R.T. -0.207 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:200 Resp: 238
Ion Ratio Lower Upper
200 100
173 102.1 22.8 34.2#
215 97.9 38.1 57.1#

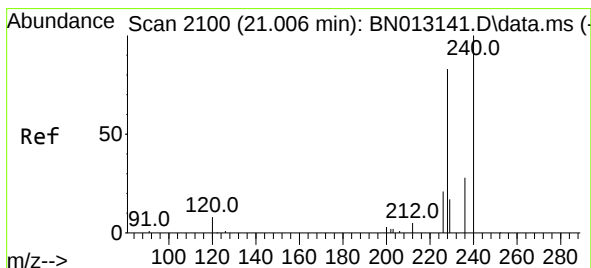
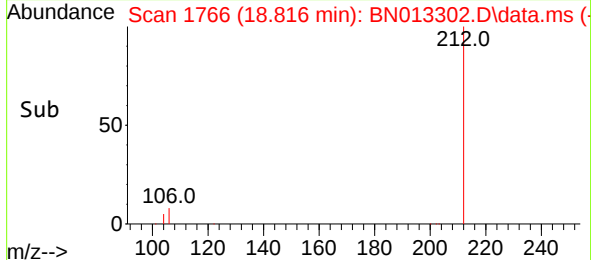
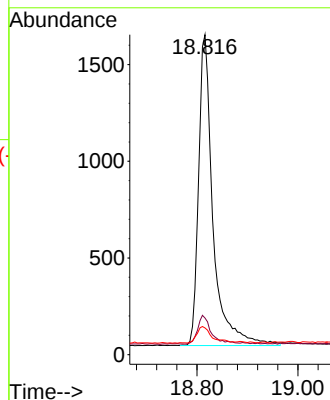
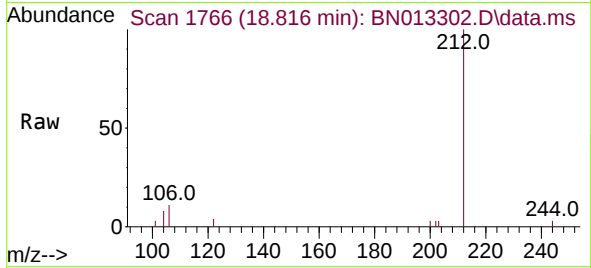




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

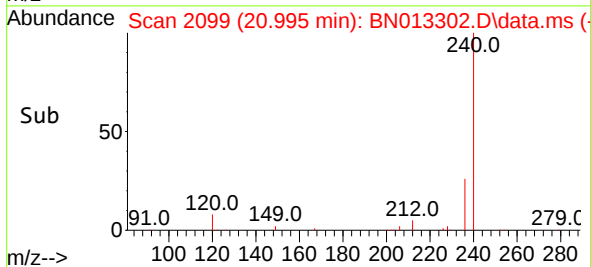
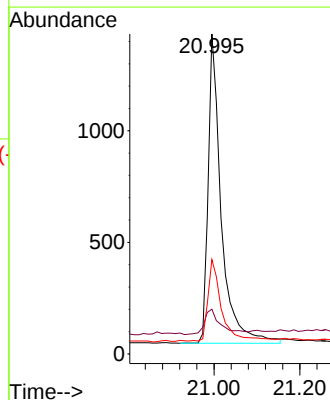
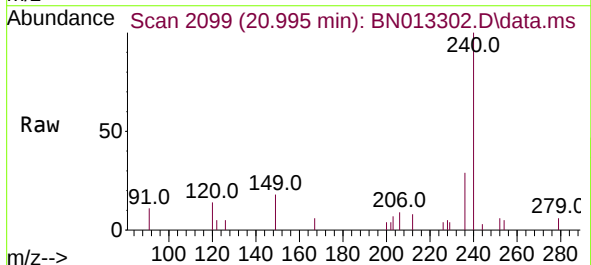
Instrument :
BNA_N
ClientSampleId :
BPOW3-4-20201215

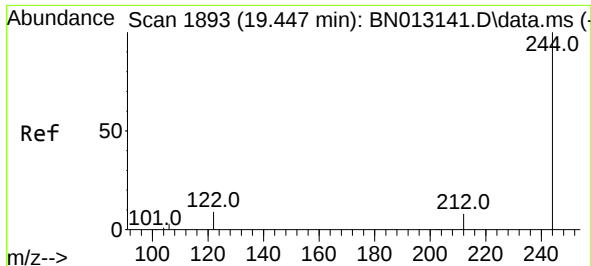
Tgt Ion:212 Resp: 3193
Ion Ratio Lower Upper
212 100
106 8.8 6.8 10.2
104 5.8 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:240 Resp: 2942
Ion Ratio Lower Upper
240 100
120 14.0 5.3 7.9#
236 29.5 21.8 32.8

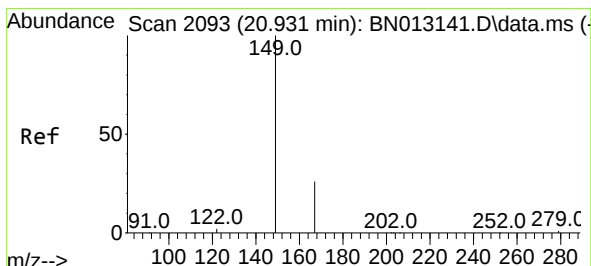
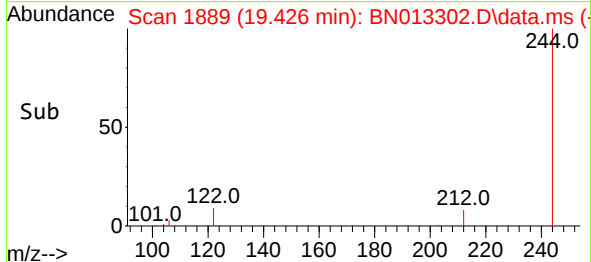
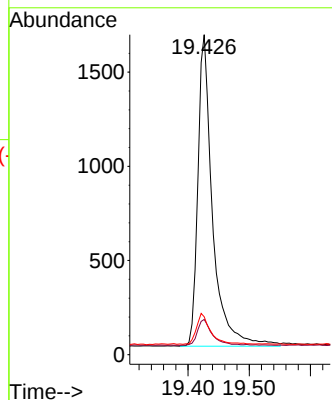
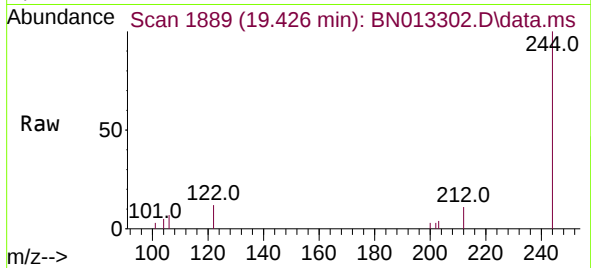




#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.426 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

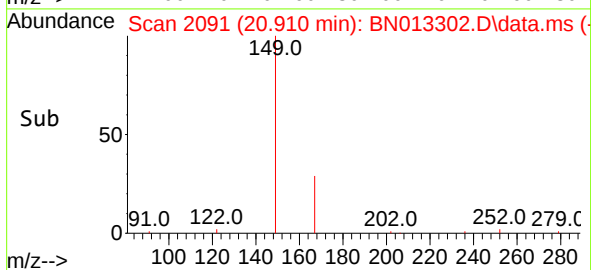
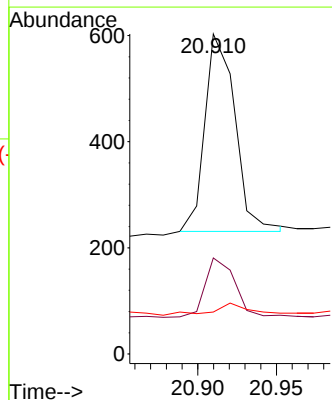
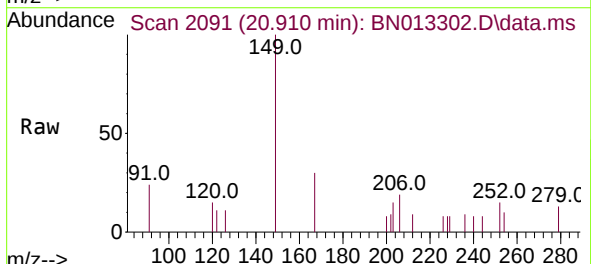
Instrument :
BNA_N
ClientSampleId :
BPOW3-4-20201215

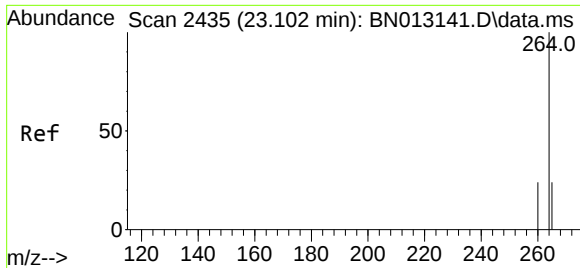
Tgt Ion:244 Resp: 2757
Ion Ratio Lower Upper
244 100
212 11.0 7.3 10.9#
122 11.8 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.910 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN013302.D
Acq: 23 Dec 2020 18:22

Tgt Ion:149 Resp: 497
Ion Ratio Lower Upper
149 100
167 28.6 23.2 34.8
279 4.4 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: BN013302.D
 Acq: 23 Dec 2020 18:22

Instrument :
 BNA_N
 ClientSampleId :
 BPOW3-4-20201215

Tgt Ion:264	Resp:	3262
Ion Ratio	Lower	Upper
264	100	
260	26.6	19.8 29.6
265	79.0	51.4 77.0#

