

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013288.D
 Acq On : 23 Dec 2020 01:25
 Operator : CG/JU
 Sample : L5124-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20201215

Quant Time: Dec 23 03:08:08 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)

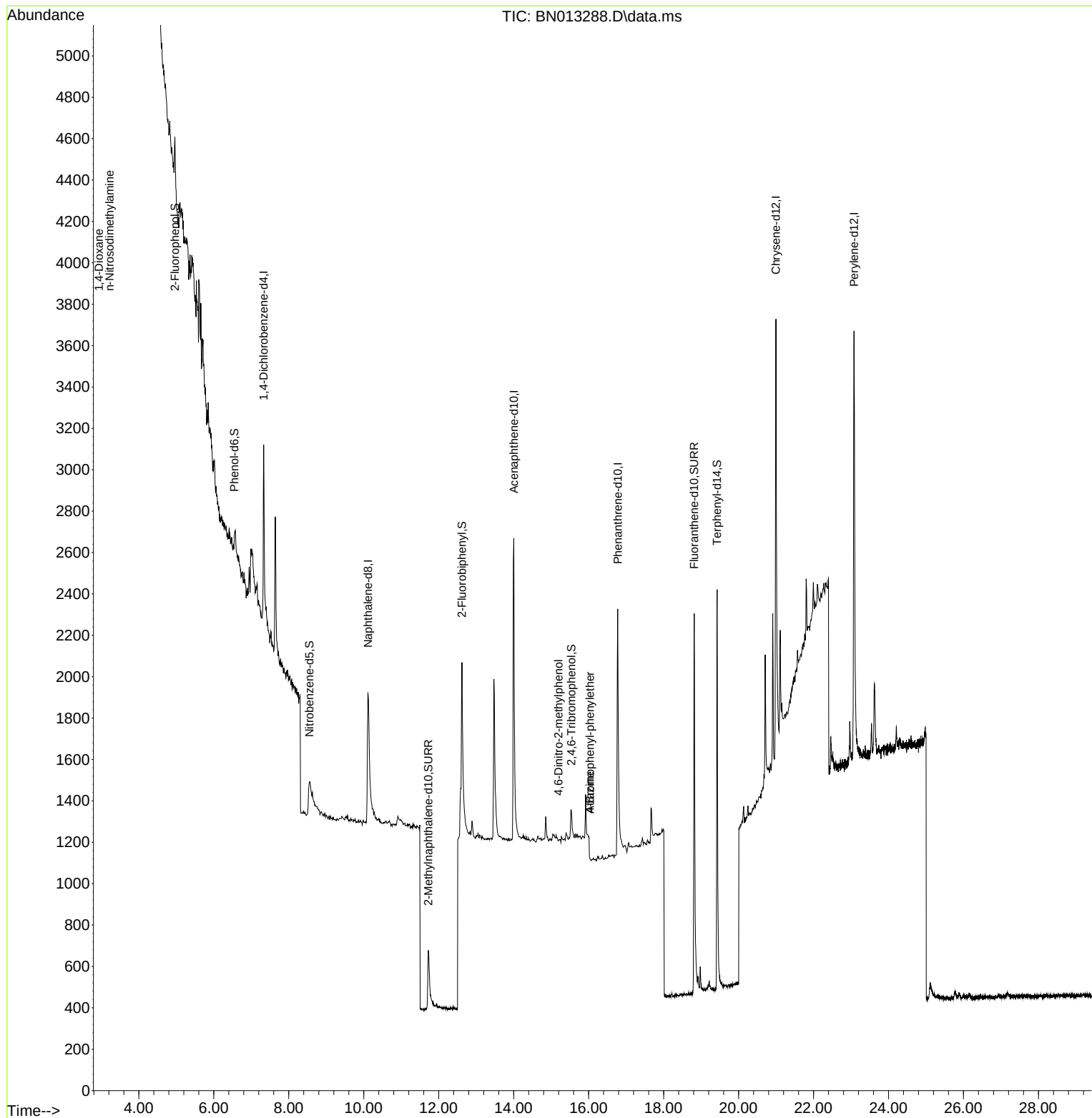
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	575	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1930	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1290	0.40	ng	0.01
19) Phenanthrene-d10	16.775	188	2951	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3047	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3469	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	246	0.10	ng	0.00
5) Phenol-d6	6.549	99	124	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	449	0.23	ng	0.05
11) 2-Methylnaphthalene-d10	11.724	152	889	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	202	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	1363	0.25	ng	0.01
27) Fluoranthene-d10	18.816	212	3132	0.32	ng	0.00
31) Terphenyl-d14	19.427	244	2770	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	42	0.04	ng	# 1
3) n-Nitrosodimethylamine	3.223	42	76	0.05	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.196	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	169	0.29	ng	# 77
23) Atrazine	16.033	200	135	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.910	149	660	Below	Cal	96

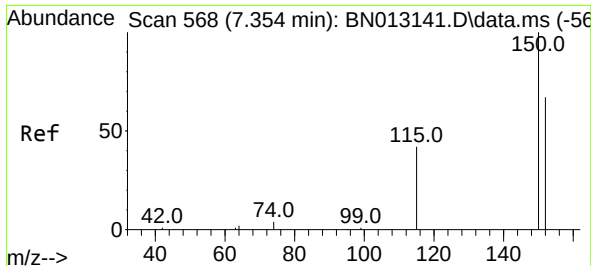
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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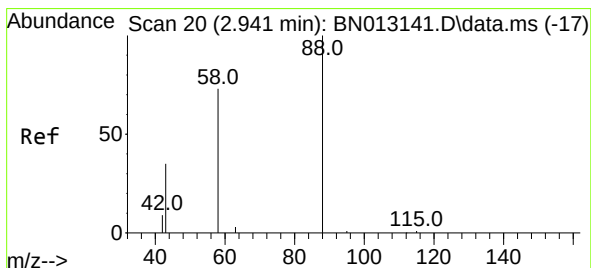
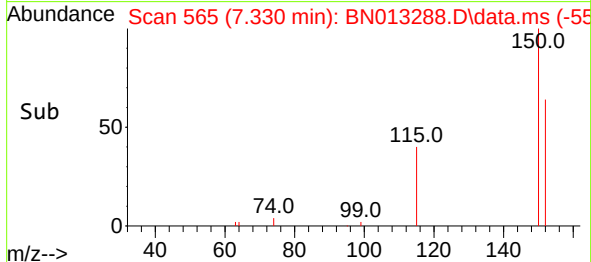
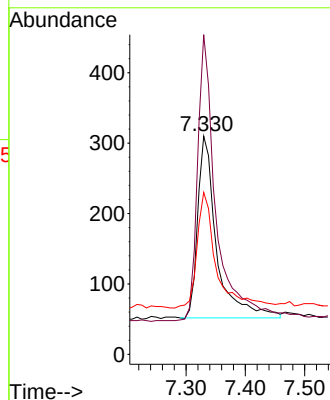
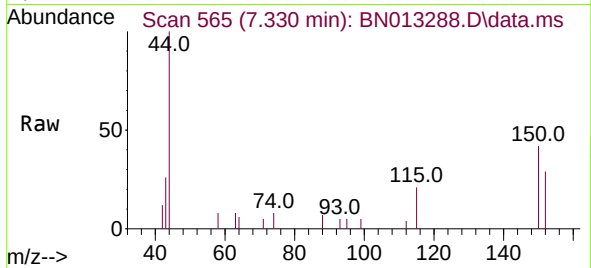




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.330 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BN013288.D
 Acq: 23 Dec 2020 01:25

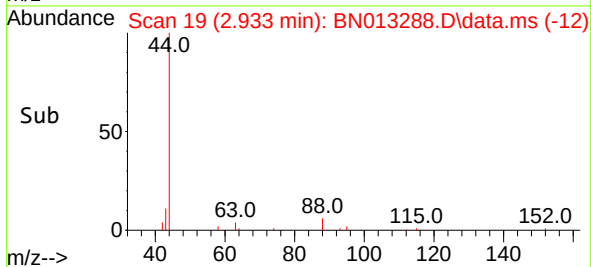
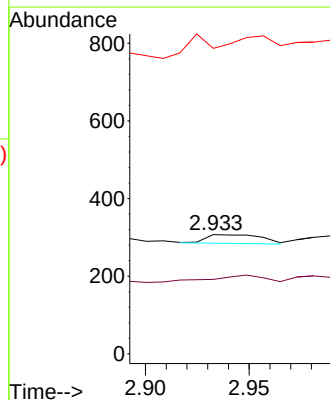
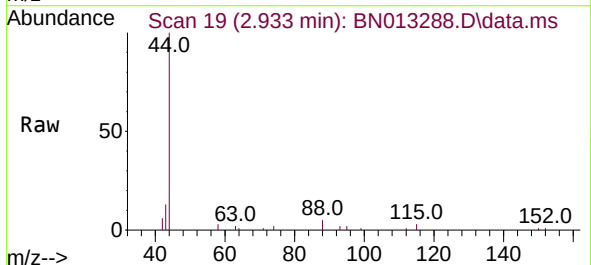
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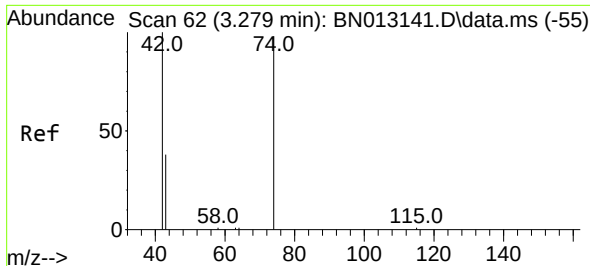
Tgt Ion:152 Resp: 575
 Ion Ratio Lower Upper
 152 100
 150 146.5 116.6 174.8
 115 74.2 52.9 79.3



#2
 1,4-Dioxane
 Concen: 0.04 ng
 RT: 2.933 min Scan# 19
 Delta R.T. 0.008 min
 Lab File: BN013288.D
 Acq: 23 Dec 2020 01:25

Tgt Ion: 88 Resp: 42
 Ion Ratio Lower Upper
 88 100
 58 0.0 59.4 89.2#
 43 119.0 32.3 48.5#

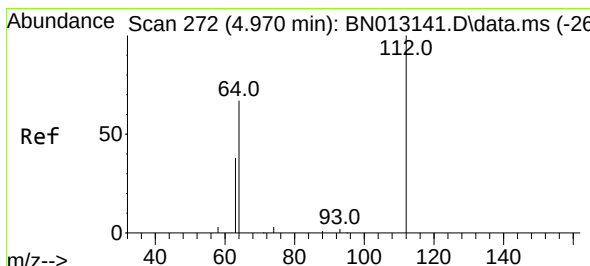
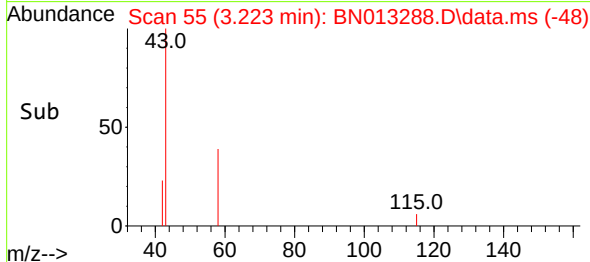
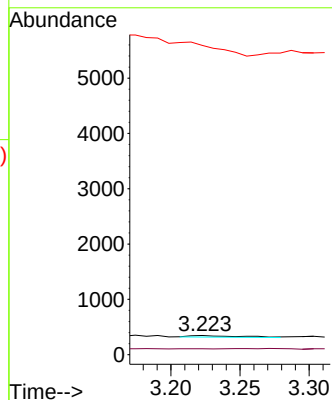
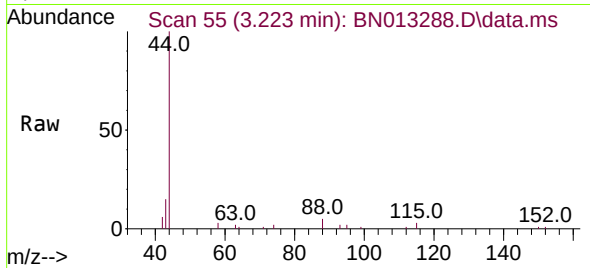




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.040 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

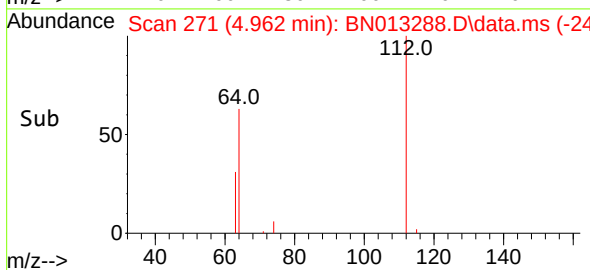
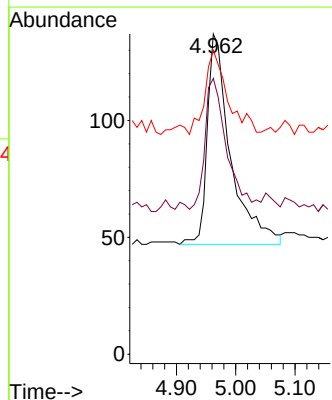
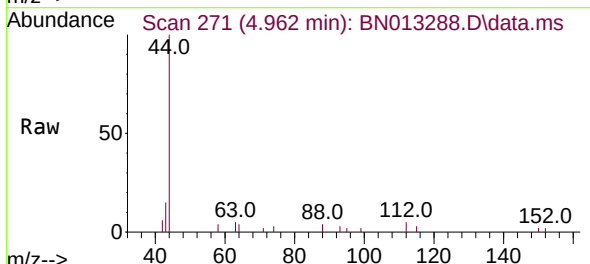
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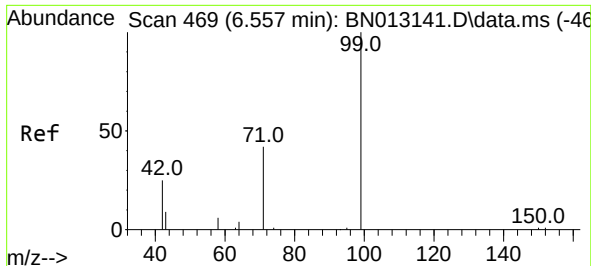
Tgt Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion: 112 Resp: 246
Ion Ratio Lower Upper
112 100
64 58.1 49.5 74.3
63 39.0 32.0 48.0

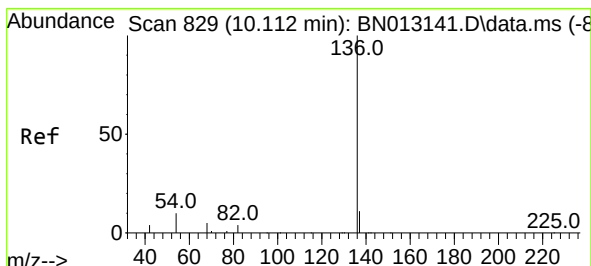
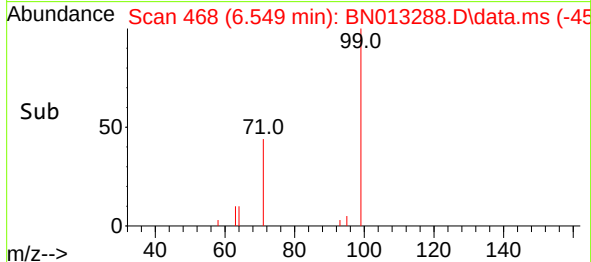
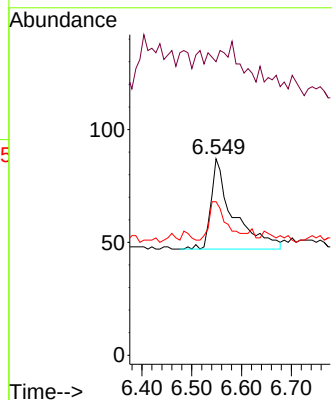
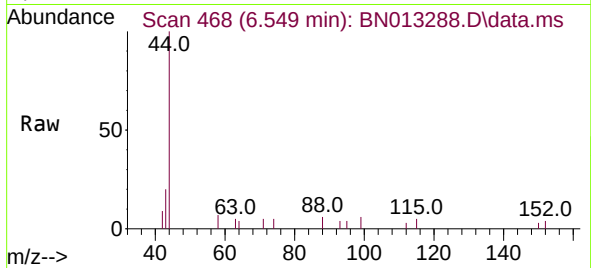




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

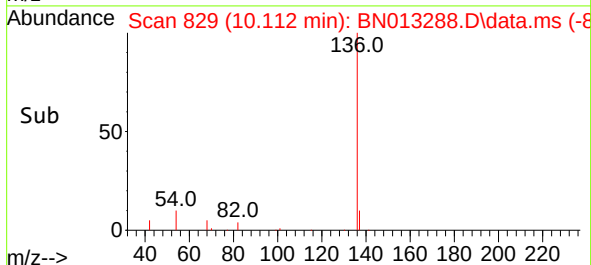
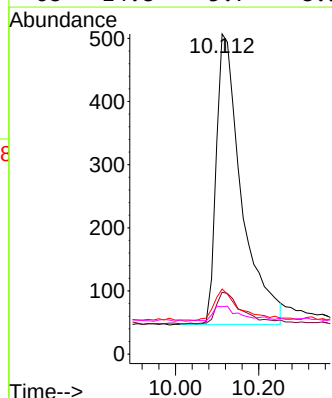
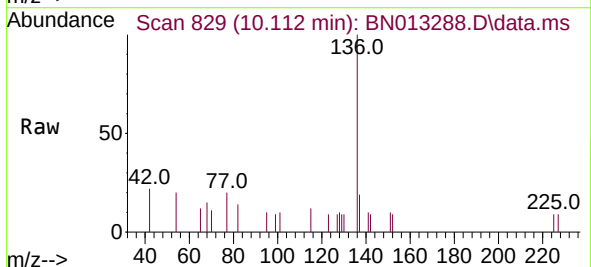
Instrument :
BNA_N
ClientSampleId :
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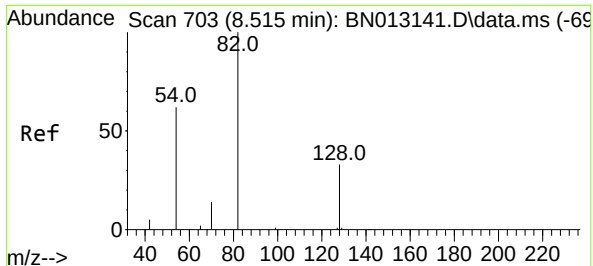
Tgt Ion: 99 Resp: 124
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 31.5 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion: 136 Resp: 1930
Ion Ratio Lower Upper
136 100
137 19.3 10.6 15.8#
54 20.3 8.6 12.8#
68 14.8 5.7 8.5#

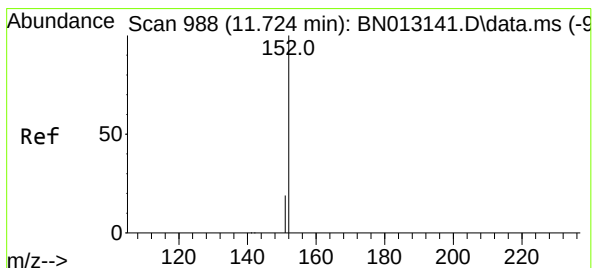
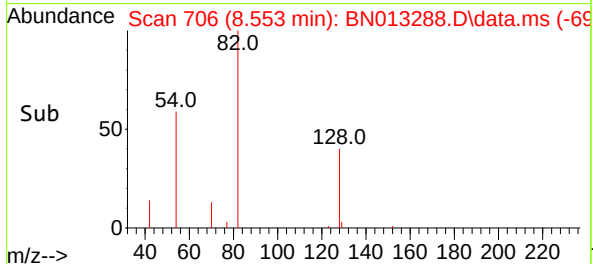
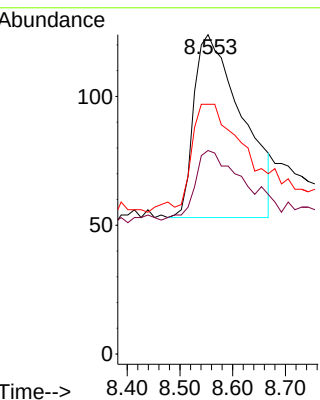
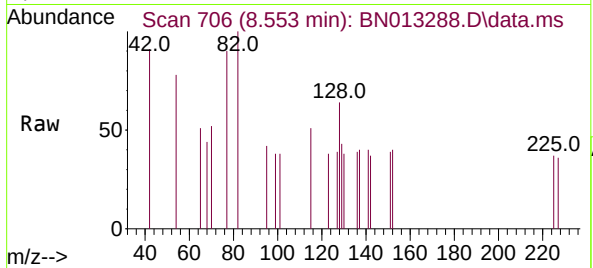




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

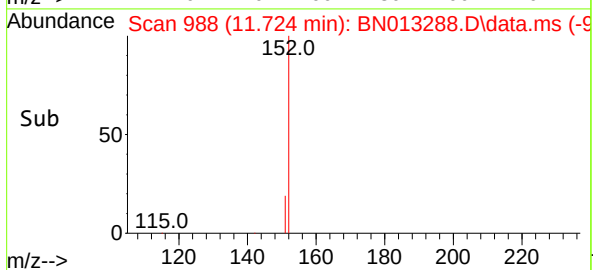
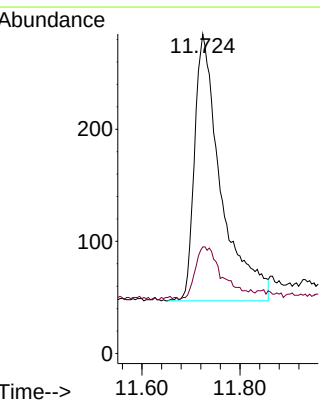
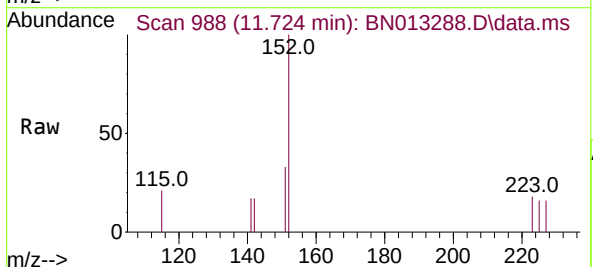
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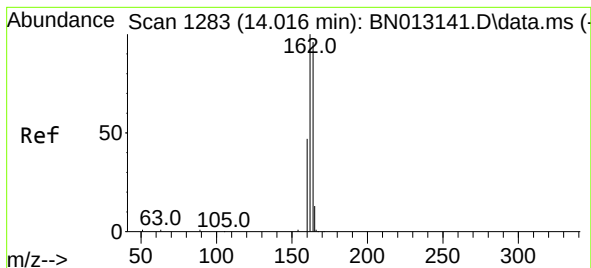
Tgt Ion: 82 Resp: 449
Ion Ratio Lower Upper
82 100
128 63.7 30.6 46.0#
54 78.2 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.724 min Scan# 988
Delta R.T. 0.018 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion: 152 Resp: 889
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

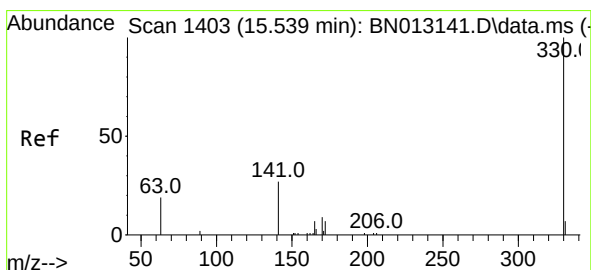
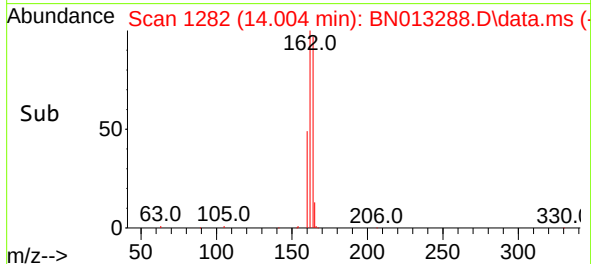
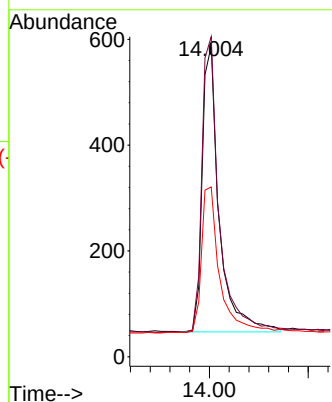
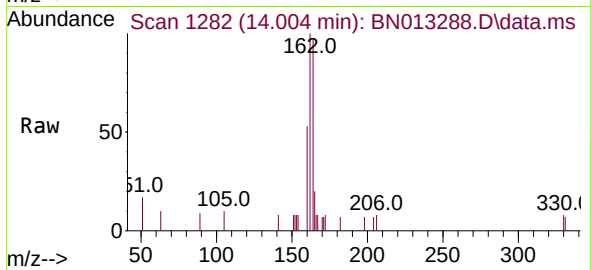




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.013 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

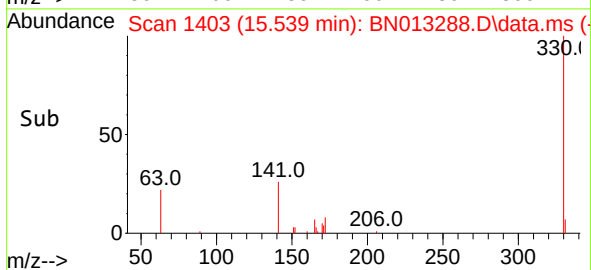
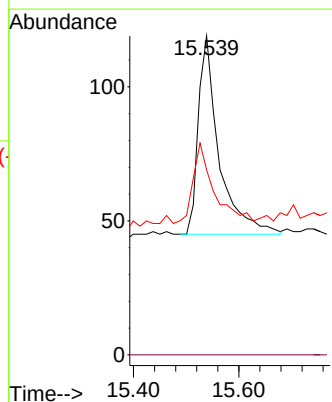
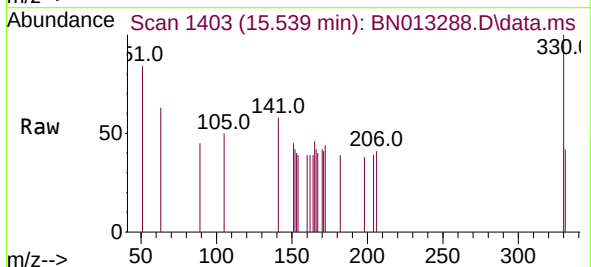
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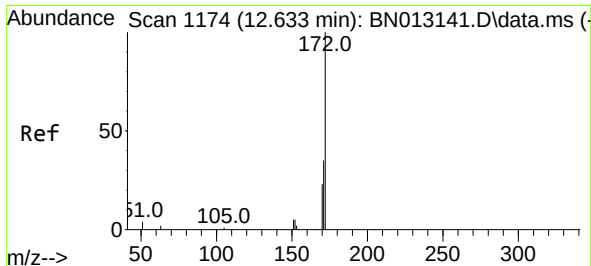
Tgt Ion:164 Resp: 1290
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 54.6 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion:330 Resp: 202
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.1 34.4 51.6

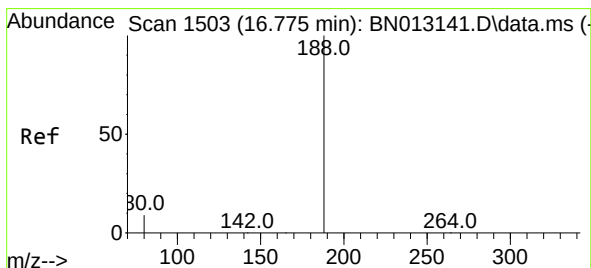
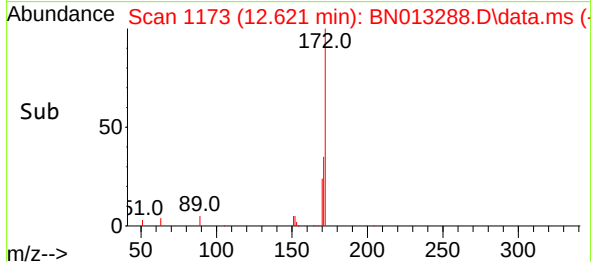
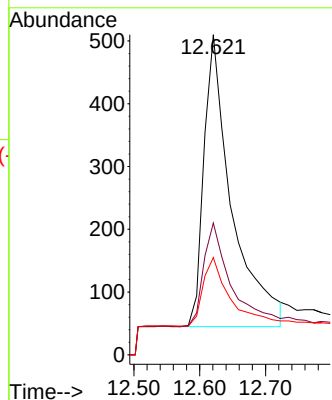
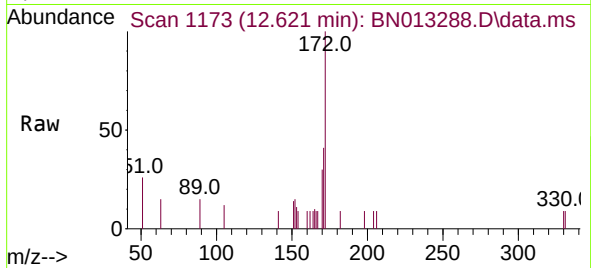




#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

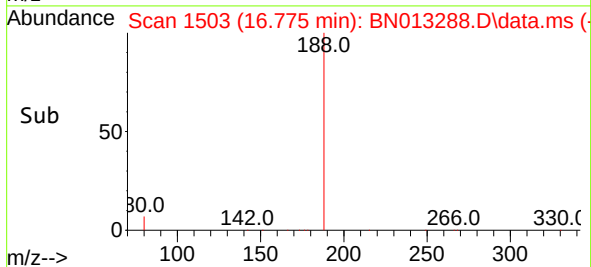
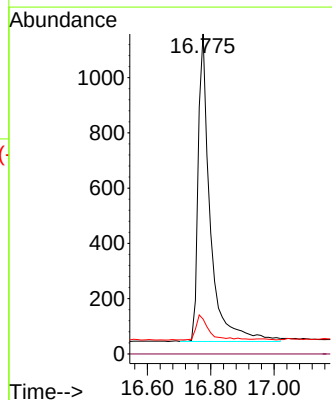
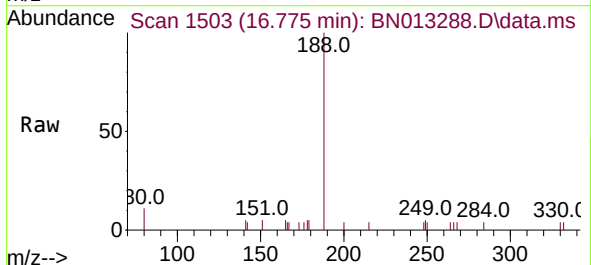
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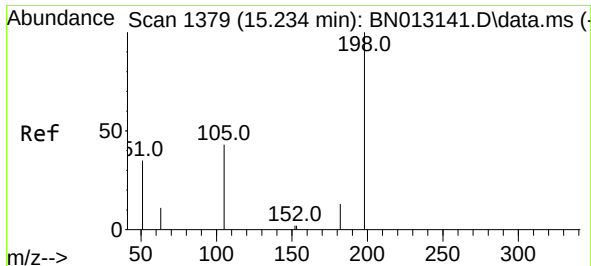
Tgt Ion:	172	Resp:	1363
Ion Ratio	Lower	Upper	
172	100		
171	41.2	28.2	42.4
170	30.4	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion:	188	Resp:	2951
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	5.0	7.4#

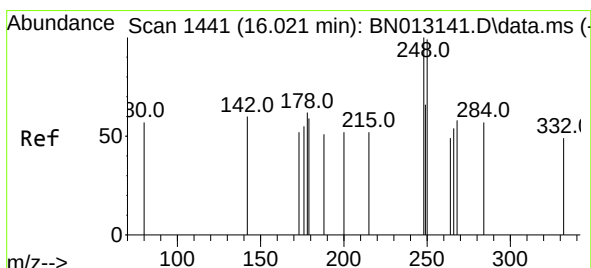
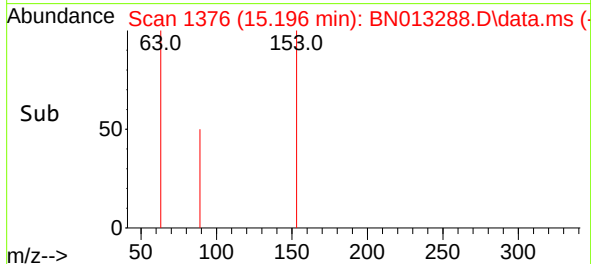
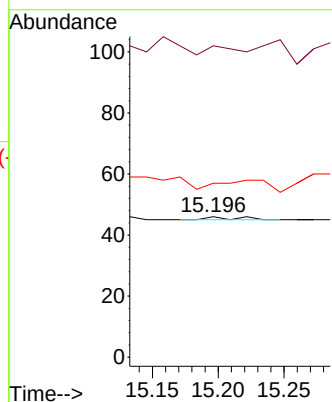
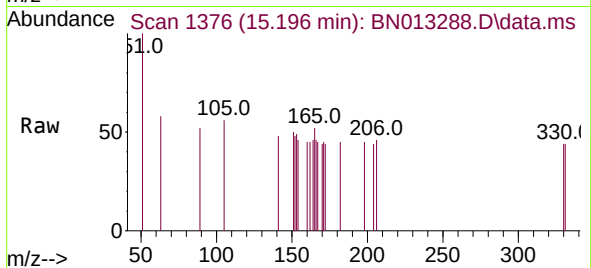




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.196 min Scan# 1376
Delta R.T. -0.025 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

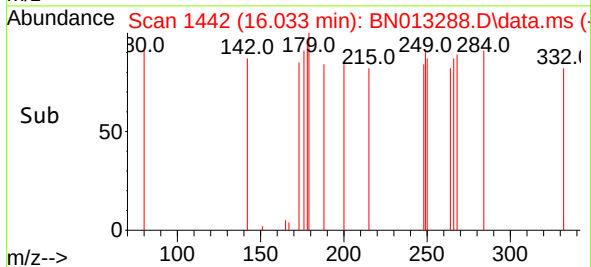
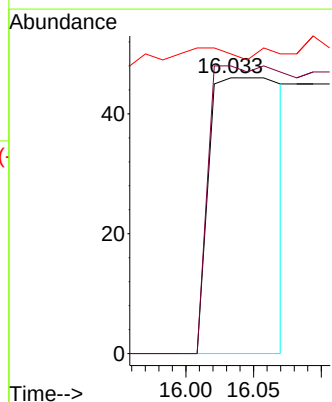
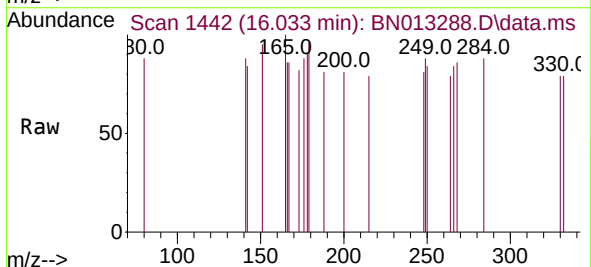
Instrument :
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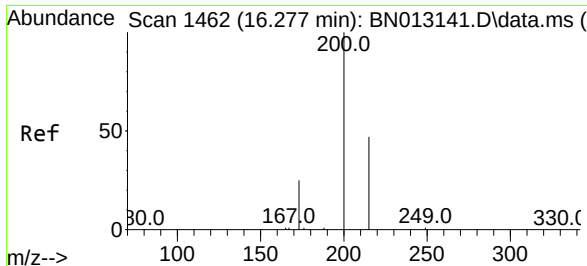
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 221.7 43.5 65.3#
105 123.9 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion:248 Resp: 169
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 108.7 57.8 86.8#

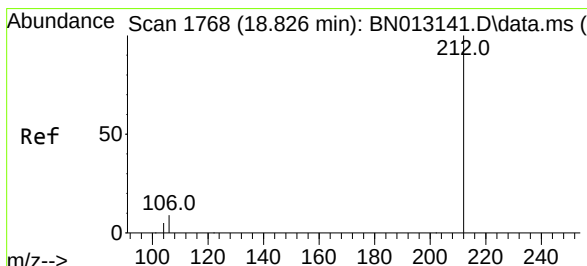
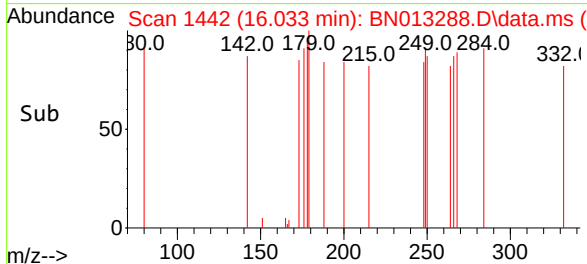
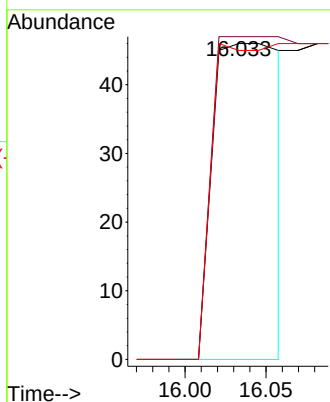
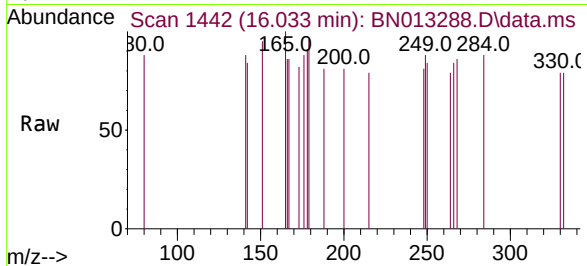




#23
Atrazine
Concen: 0.08 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.231 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

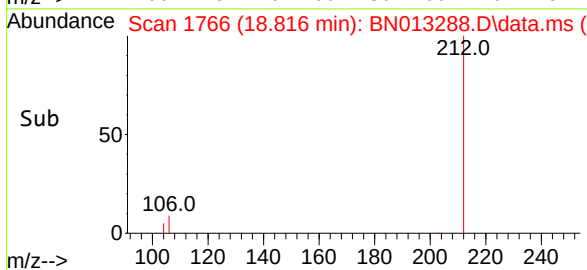
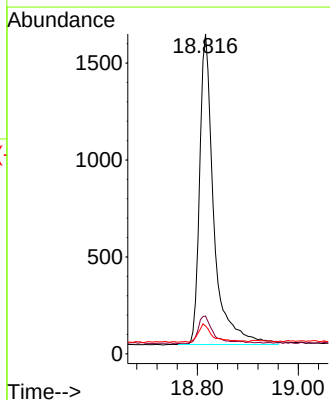
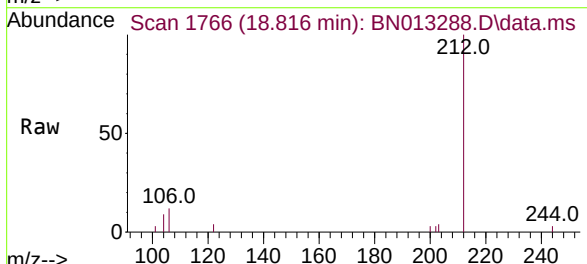
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20201215

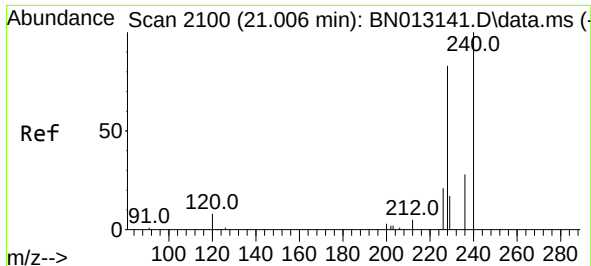
Tgt Ion:200 Resp: 135
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 97.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.816 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion:212 Resp: 3132
Ion Ratio Lower Upper
212 100
106 9.1 6.8 10.2
104 6.1 4.1 6.1

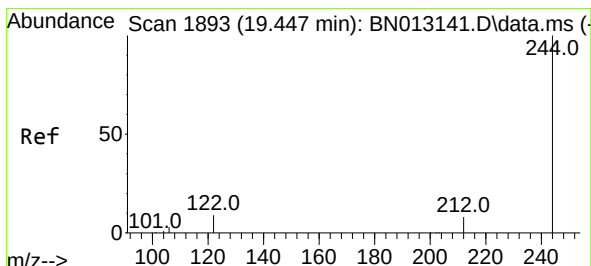
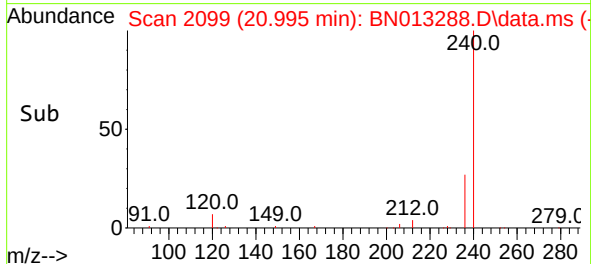
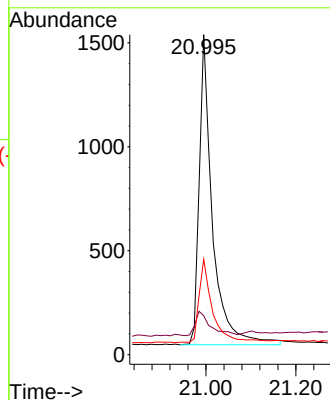
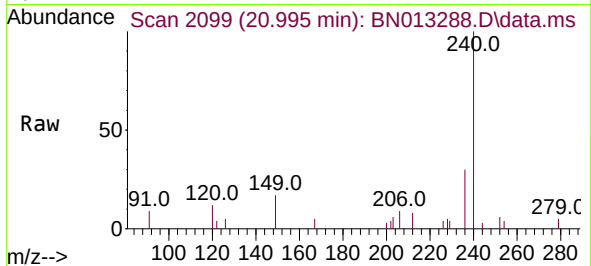




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

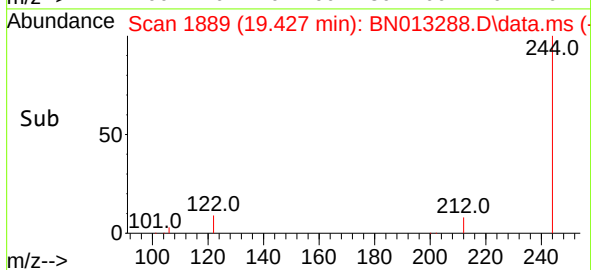
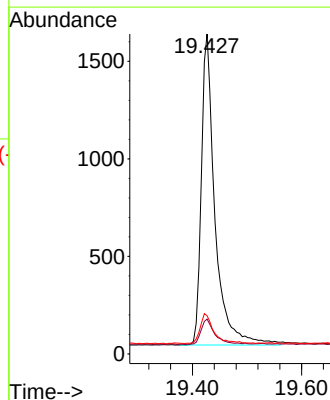
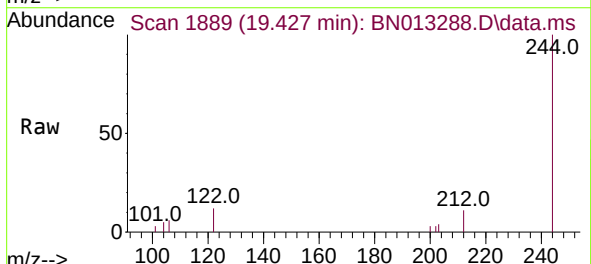
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20201215

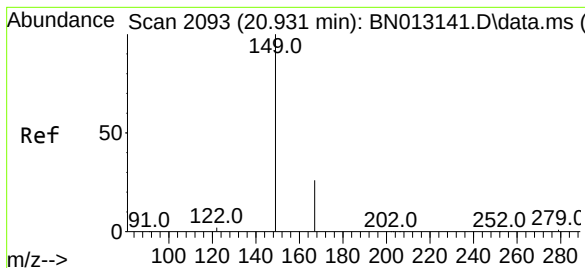
Tgt Ion:240 Resp: 3047
Ion Ratio Lower Upper
240 100
120 12.2 5.3 7.9#
236 29.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.427 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013288.D
Acq: 23 Dec 2020 01:25

Tgt Ion:244 Resp: 2770
Ion Ratio Lower Upper
244 100
212 10.9 7.3 10.9
122 12.0 7.3 10.9#

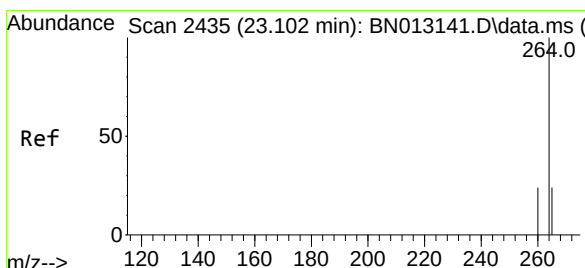
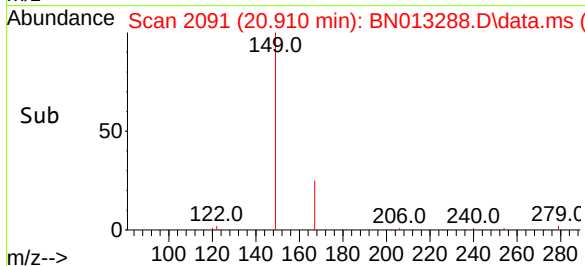
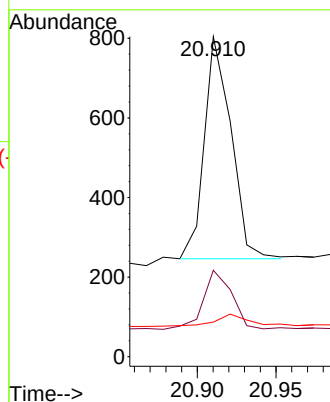
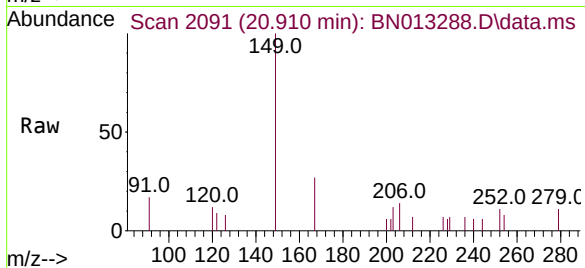




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.910 min Scan# 2091
 Delta R.T. -0.011 min
 Lab File: BN013288.D
 Acq: 23 Dec 2020 01:25

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20201215

Tgt Ion:149	Resp:	660
Ion Ratio	Lower	Upper
149	100	
167	26.8	23.2 34.8
279	5.5	3.9 5.9



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.078 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN013288.D
 Acq: 23 Dec 2020 01:25

Tgt Ion:264	Resp:	3469
Ion Ratio	Lower	Upper
264	100	
260	27.2	19.8 29.6
265	79.4	51.4 77.0#

