

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013293.D
 Acq On : 23 Dec 2020 04:27
 Operator : CG/JU
 Sample : L5124-04DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20201211DL

Quant Time: Dec 23 05:03:57 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)

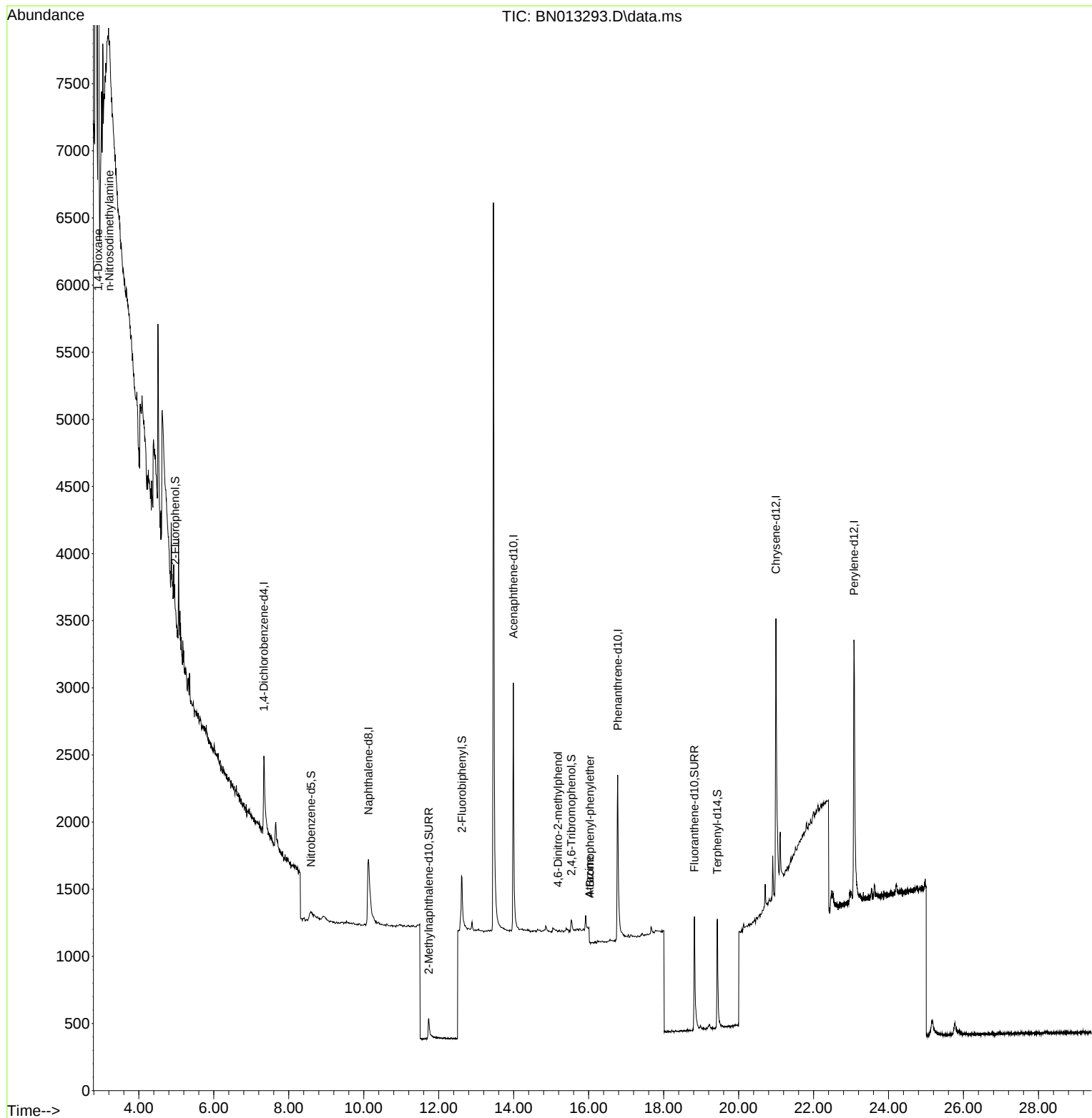
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	550	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1762	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1286	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3016	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3078	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3382	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	85	0.04	ng	0.02
5) Phenol-d6	6.597	99	17	0.01	ng	0.06
8) Nitrobenzene-d5	8.591	82	214	0.12	ng	0.09
11) 2-Methylnaphthalene-d10	11.733	152	369	0.12	ng	0.03
14) 2,4,6-Tribromophenol	15.539	330	102	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	629	0.12	ng	0.01
27) Fluoranthene-d10	18.821	212	1638	0.17	ng	0.00
31) Terphenyl-d14	19.431	244	1394	0.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.916	88	3418	3.56	ng	# 93
3) n-Nitrosodimethylamine	3.214	42	41	0.03	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.183	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	101	0.17	ng	# 80
23) Atrazine	16.021	200	169	0.09	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.910	149	285	Below	Cal	96

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

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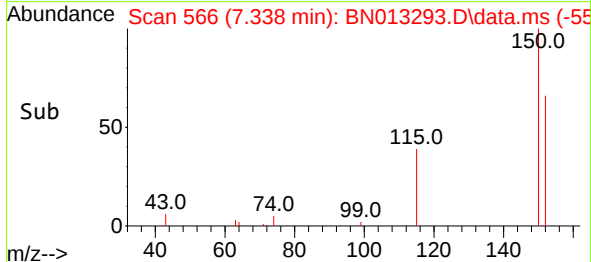
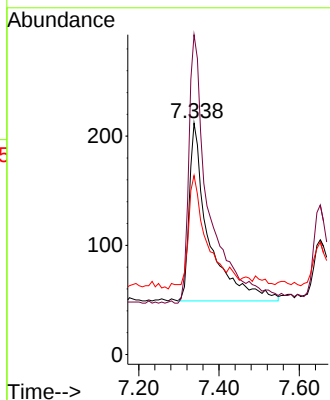
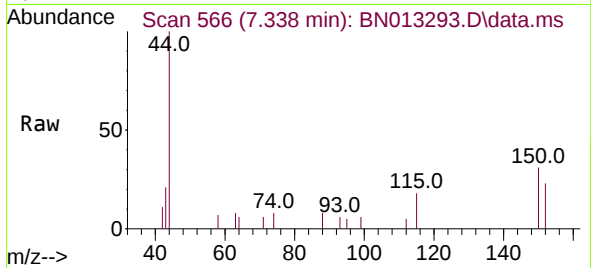




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.338 min Scan# 566
 Delta R.T. 0.008 min
 Lab File: BN013293.D
 Acq: 23 Dec 2020 04:27

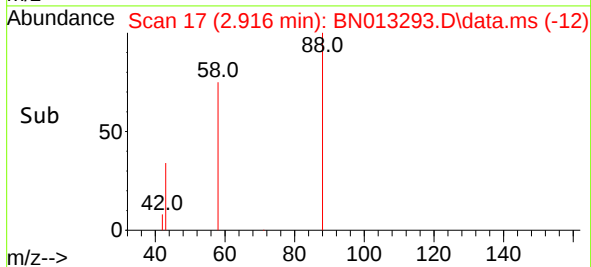
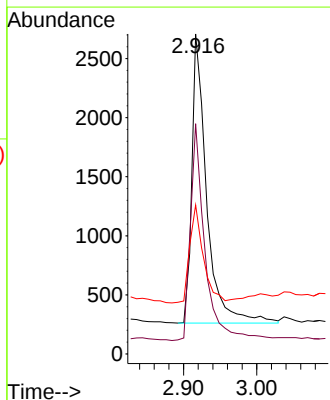
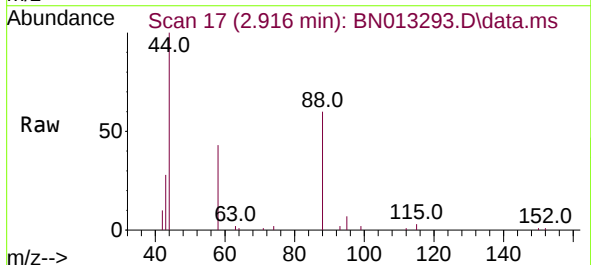
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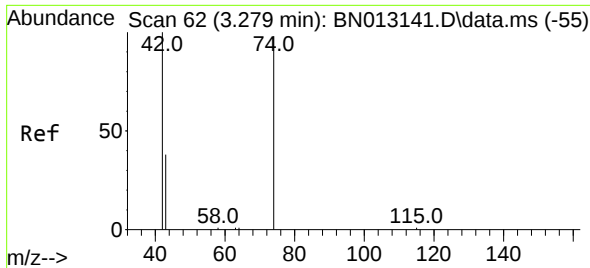
Tgt Ion:152 Resp: 550
 Ion Ratio Lower Upper
 152 100
 150 138.2 116.6 174.8
 115 77.4 52.9 79.3



#2
 1,4-Dioxane
 Concen: 3.56 ng
 RT: 2.916 min Scan# 17
 Delta R.T. -0.008 min
 Lab File: BN013293.D
 Acq: 23 Dec 2020 04:27

Tgt Ion: 88 Resp: 3418
 Ion Ratio Lower Upper
 88 100
 58 72.8 59.4 89.2
 43 30.7 32.3 48.5#

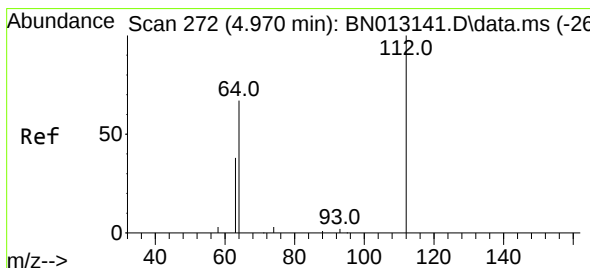
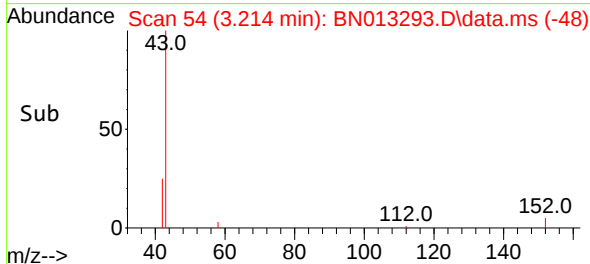
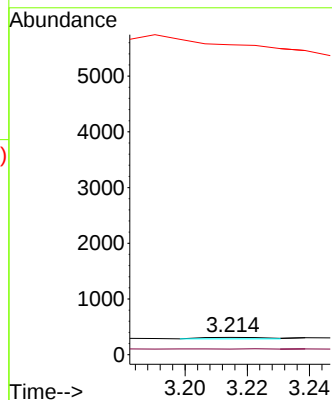
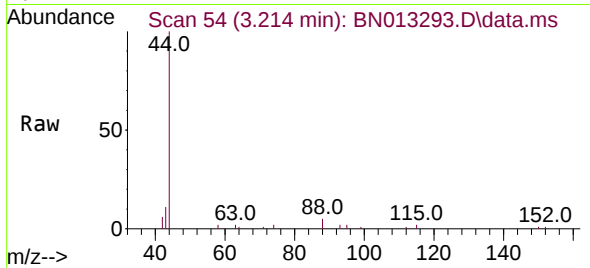




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.214 min Scan# 54
Delta R.T. -0.048 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

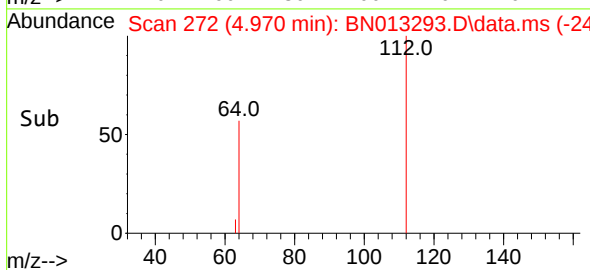
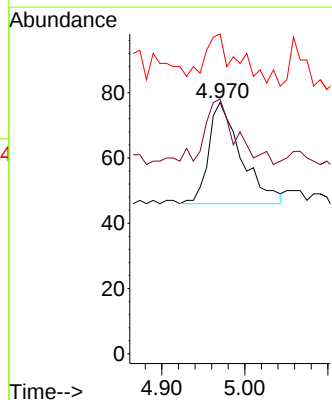
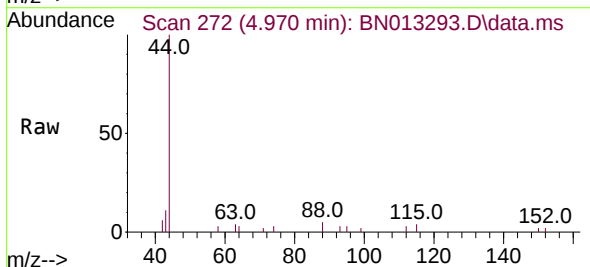
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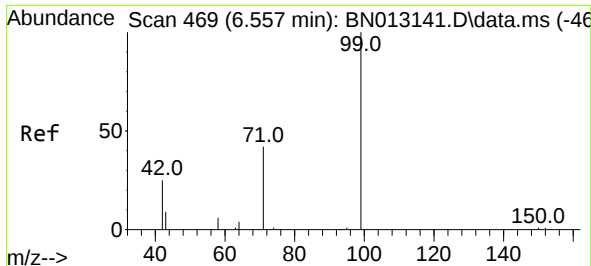
Tgt Ion: 42 Resp: 41
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.016 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion: 112 Resp: 85
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 55.3 32.0 48.0#

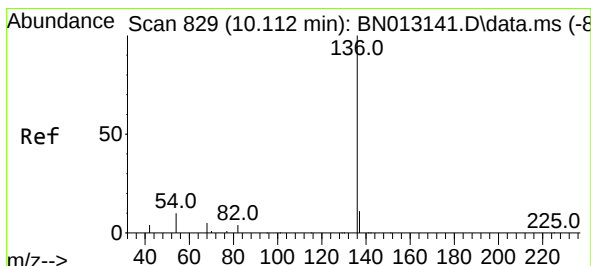
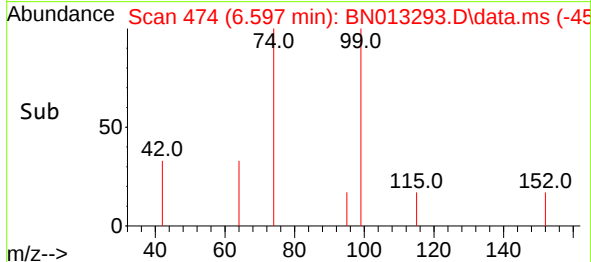
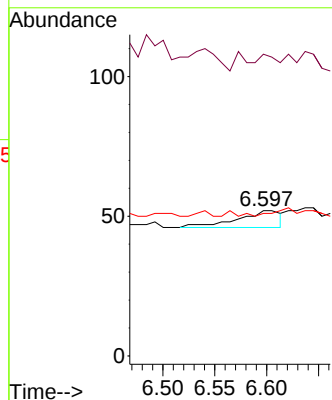
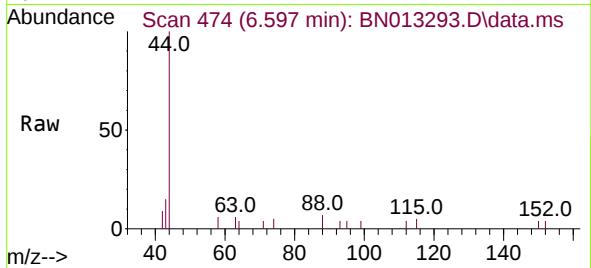




#5
Phenol-d6
Concen: 0.01 ng
RT: 6.597 min Scan# 474
Delta R.T. 0.056 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

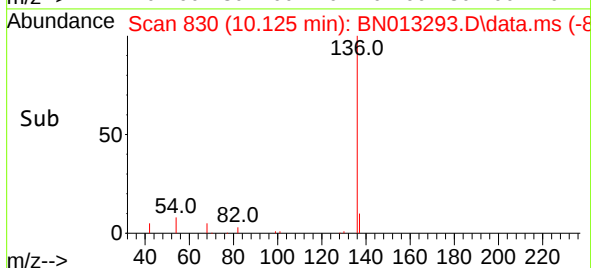
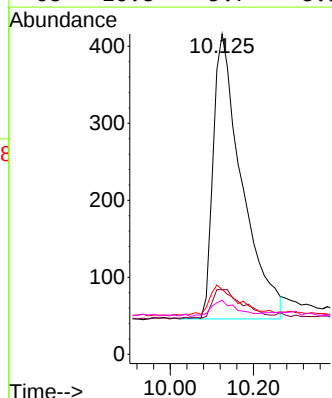
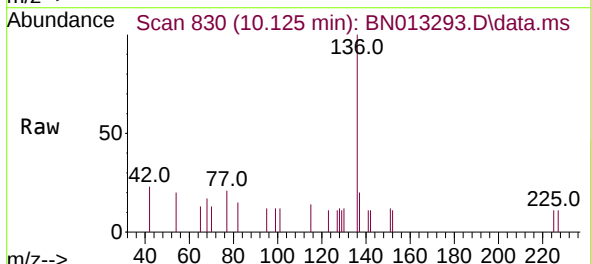
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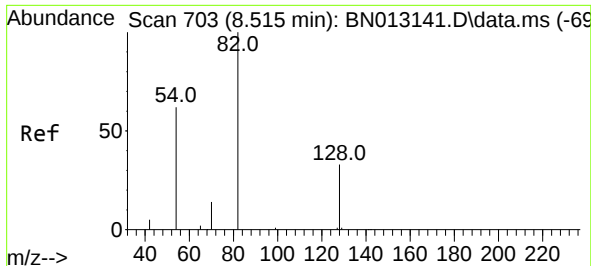
Tgt Ion: 99 Resp: 17
Ion Ratio Lower Upper
99 100
42 11.8 22.4 33.6#
71 0.0 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion: 136 Resp: 1762
Ion Ratio Lower Upper
136 100
137 20.2 10.6 15.8#
54 20.2 8.6 12.8#
68 16.8 5.7 8.5#

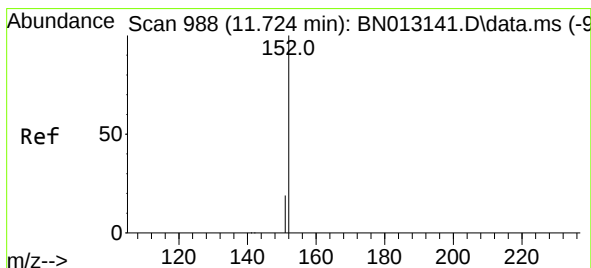
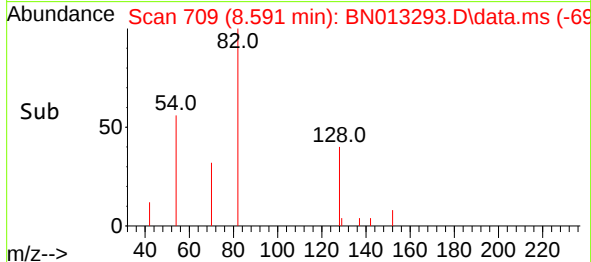
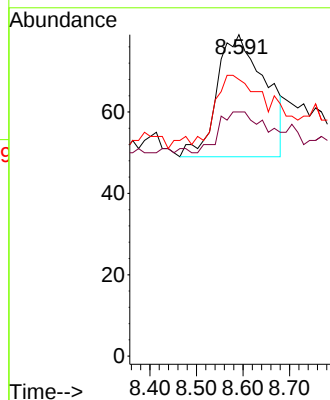
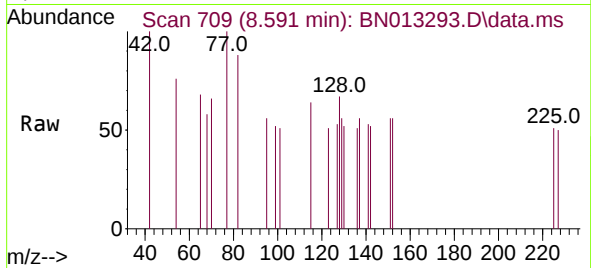




#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

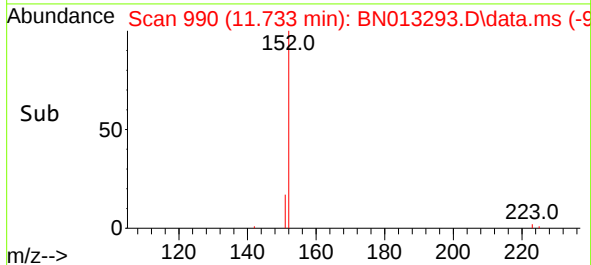
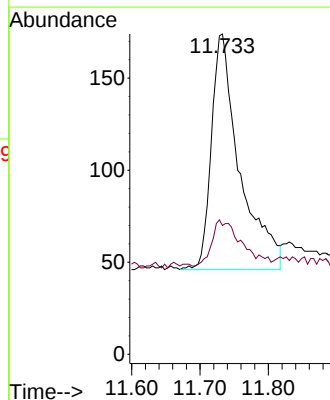
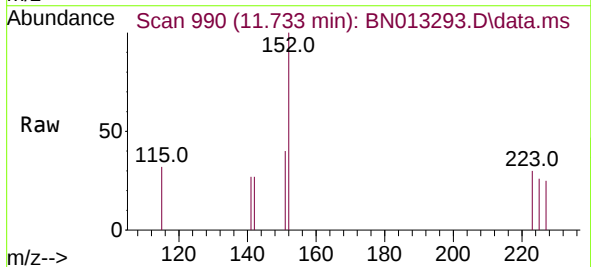
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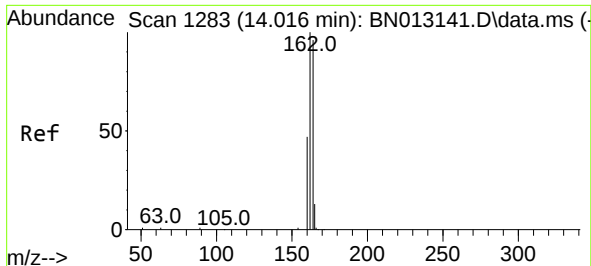
Tgt Ion: 82 Resp: 214
Ion Ratio Lower Upper
82 100
128 75.9 30.6 46.0#
54 86.1 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.12 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.027 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:152 Resp: 369
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

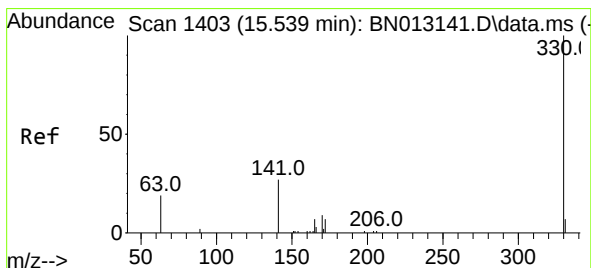
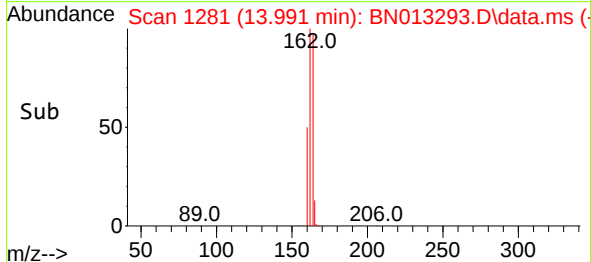
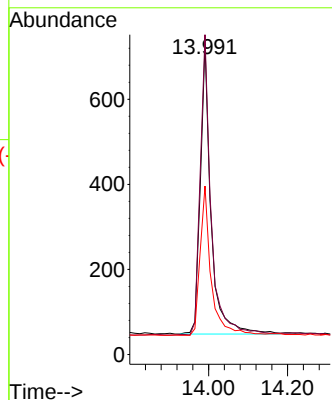
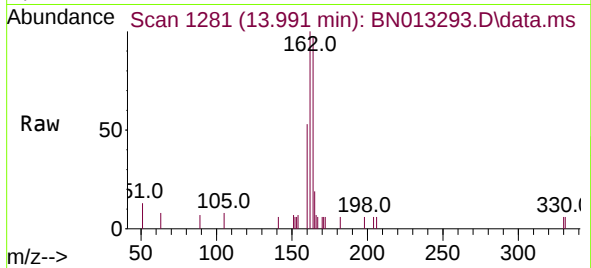




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

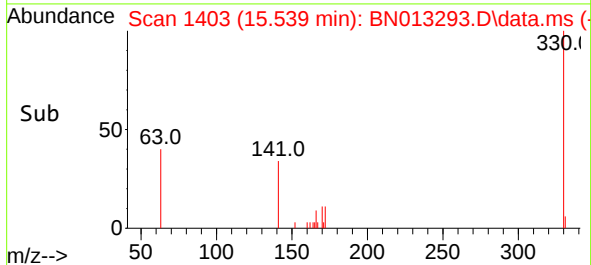
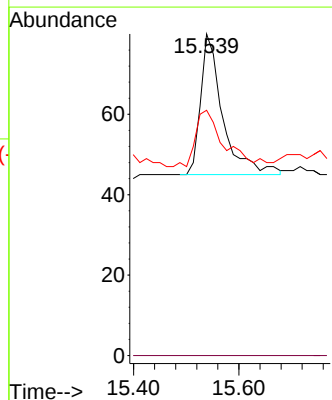
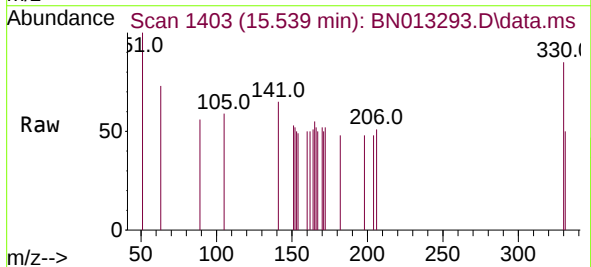
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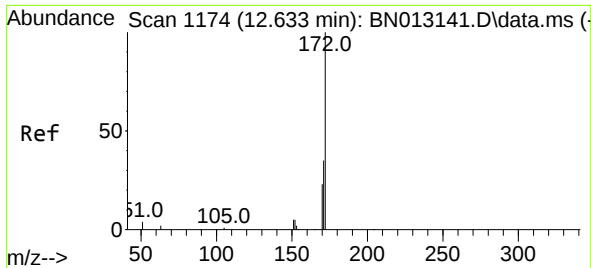
Tgt Ion:	164	Resp:	1286
Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	54.2	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:	330	Resp:	102
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	52.0	34.4	51.6

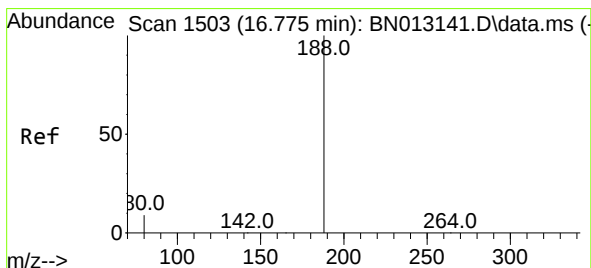
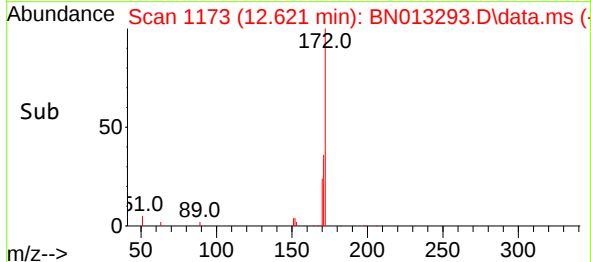
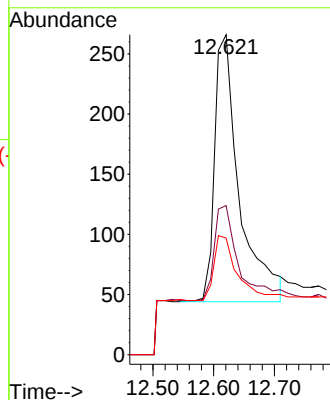
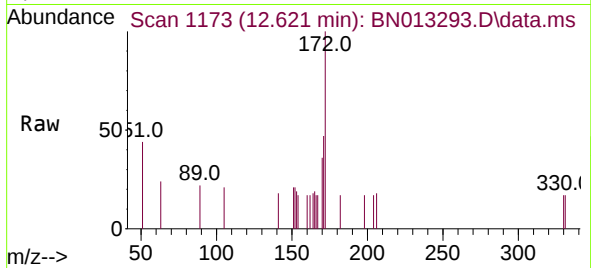




#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

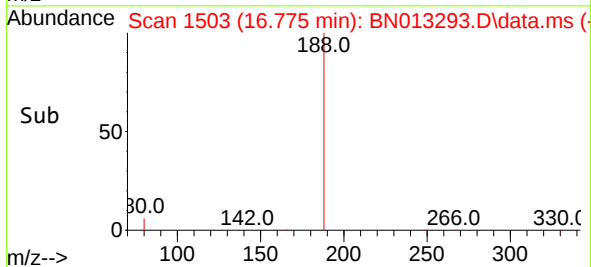
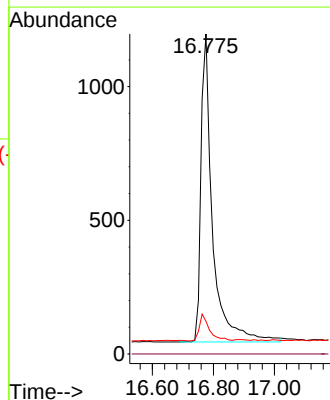
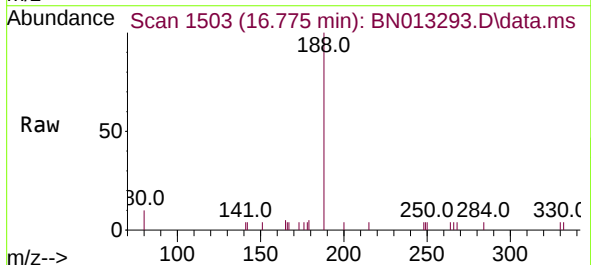
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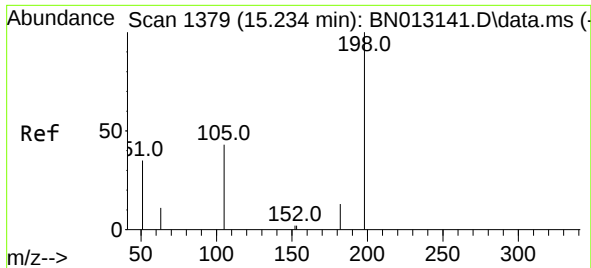
Tgt Ion:	172	Resp:	629
Ion	Ratio	Lower	Upper
172	100		
171	46.6	28.2	42.4#
170	36.5	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:	188	Resp:	3016
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	5.0	7.4#

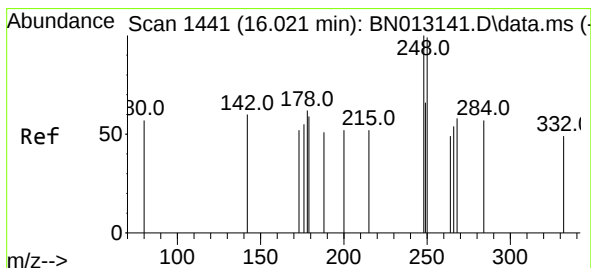
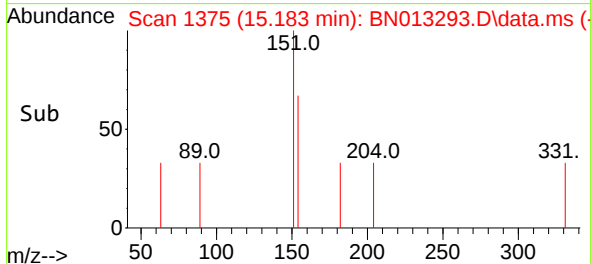
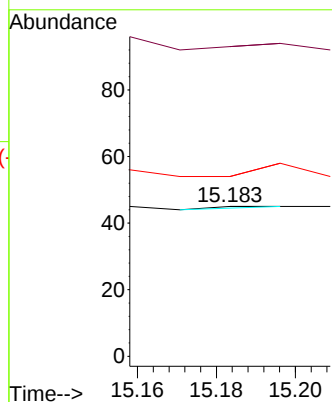
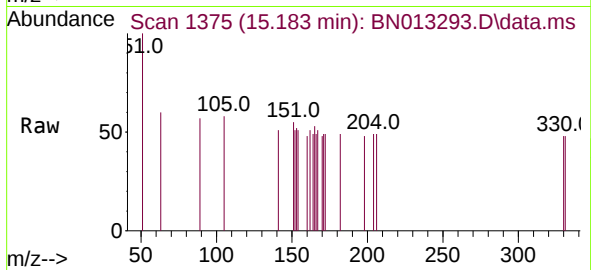




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.183 min Scan# 1375
Delta R.T. -0.038 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

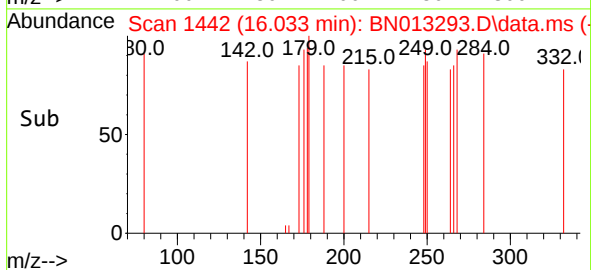
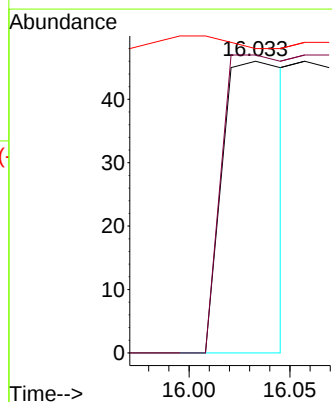
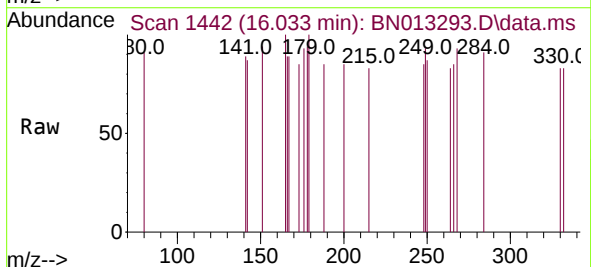
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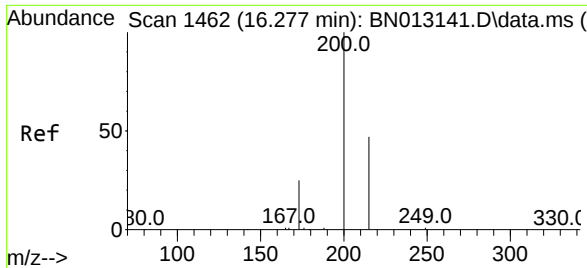
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 206.7 43.5 65.3#
105 120.0 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 104.3 57.8 86.8#

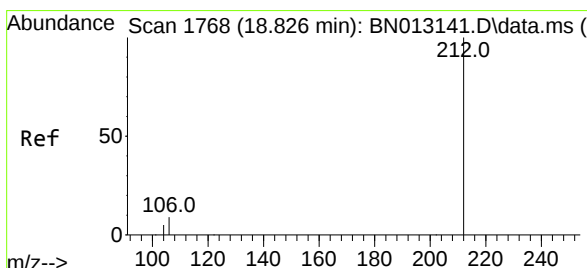
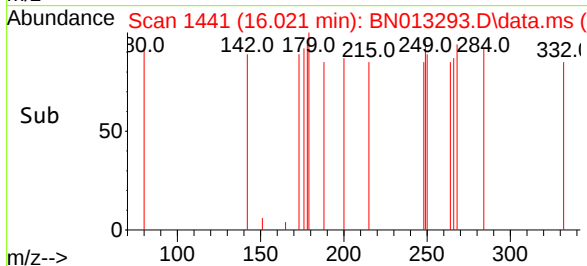
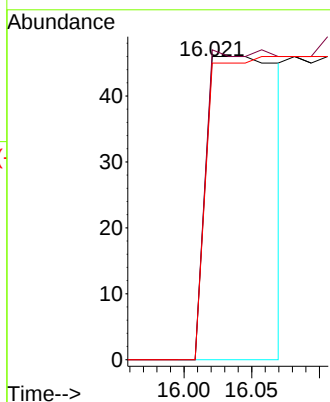
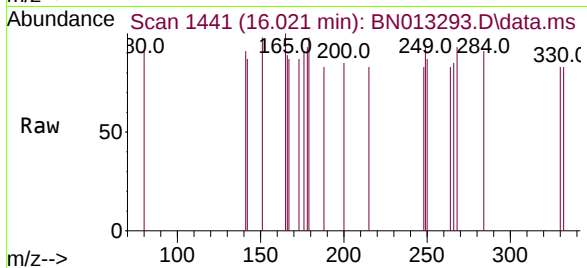




#23
Atrazine
Concen: 0.09 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.244 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

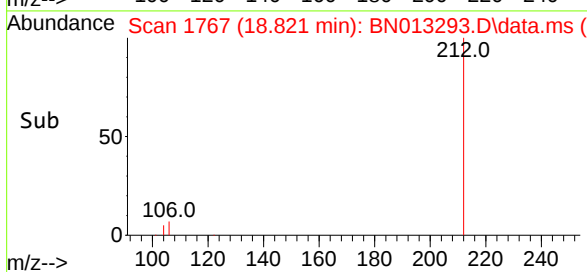
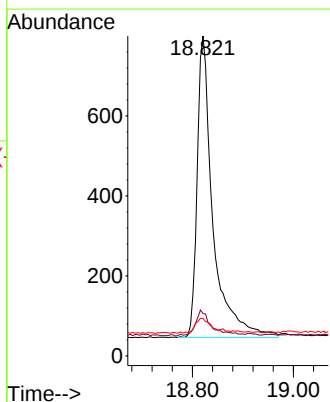
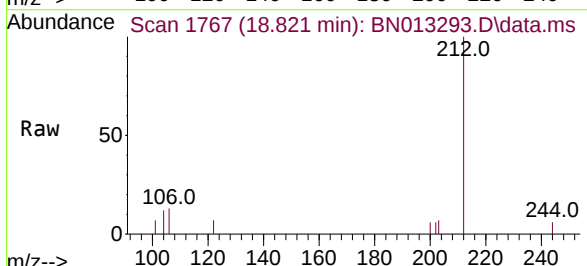
Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

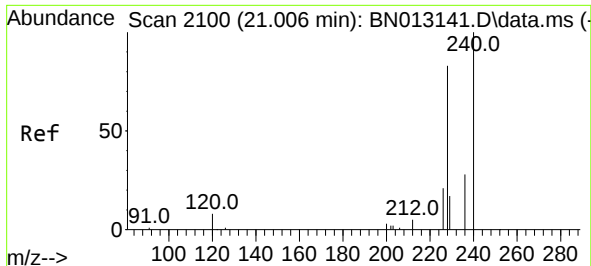
Tgt Ion:200 Resp: 169
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 97.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 18.821 min Scan# 1767
Delta R.T. 0.005 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:212 Resp: 1638
Ion Ratio Lower Upper
212 100
106 8.7 6.8 10.2
104 5.3 4.1 6.1

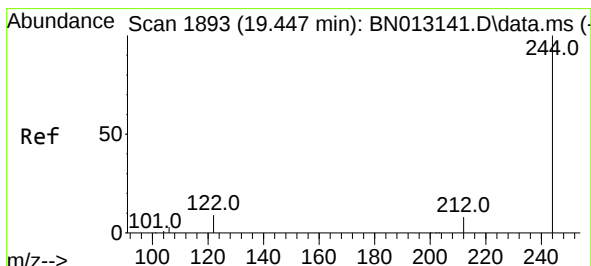
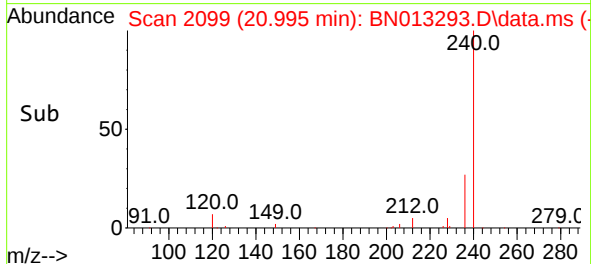
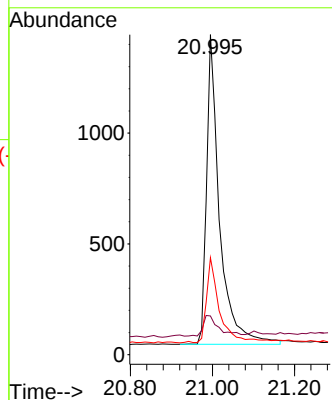
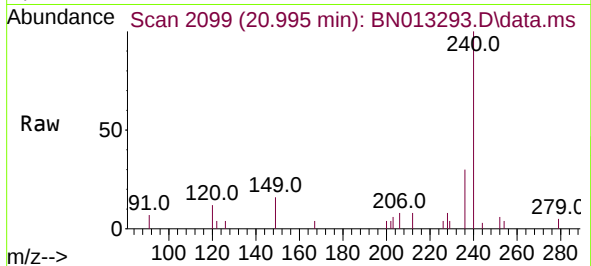




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

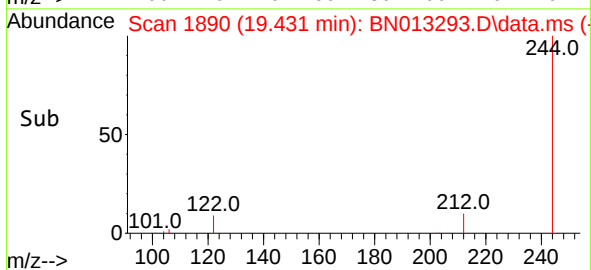
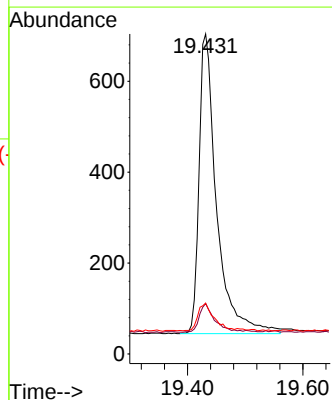
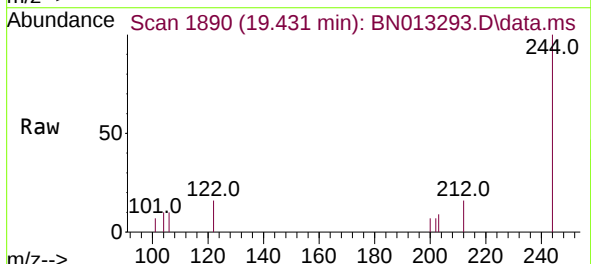
Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

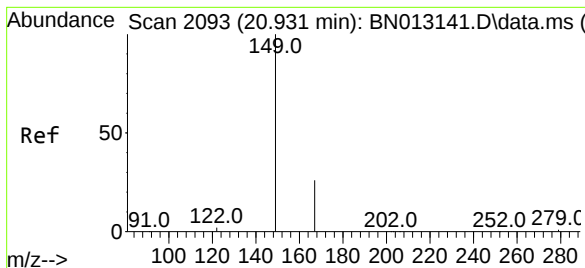
Tgt Ion:240 Resp: 3078
Ion Ratio Lower Upper
240 100
120 12.1 5.3 7.9#
236 30.3 21.8 32.8



#31
Terphenyl-d14
Concen: 0.18 ng
RT: 19.431 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:244 Resp: 1394
Ion Ratio Lower Upper
244 100
212 15.8 7.3 10.9#
122 15.9 7.3 10.9#

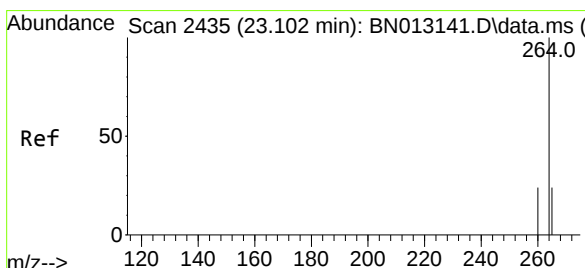
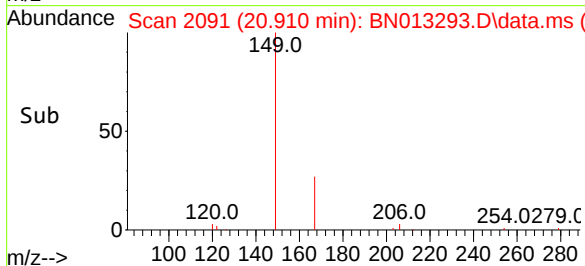
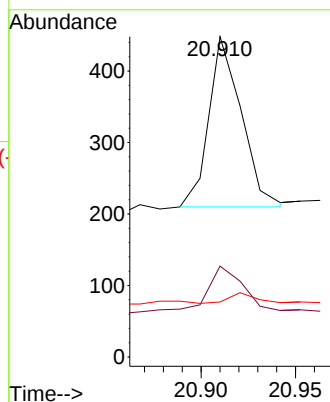
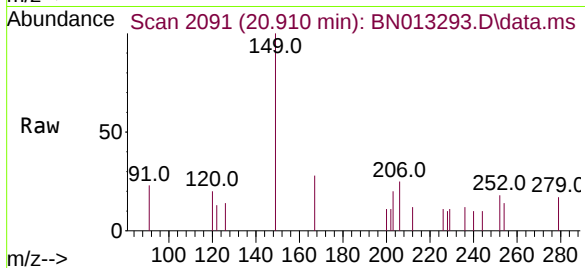




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.910 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN013293.D
Acq: 23 Dec 2020 04:27

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211DL

Tgt Ion:	149	Resp:	285
Ion Ratio	Lower	Upper	
149	100		
167	26.3	23.2	34.8
279	5.3	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: BN013293.D
Acq: 23 Dec 2020 04:27

Tgt Ion:	264	Resp:	3382
Ion Ratio	Lower	Upper	
264	100		
260	27.4	19.8	29.6
265	76.0	51.4	77.0

