

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013285.D
 Acq On : 22 Dec 2020 23:37
 Operator : CG/JU
 Sample : L5124-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20201211

Quant Time: Dec 23 00:54:44 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)

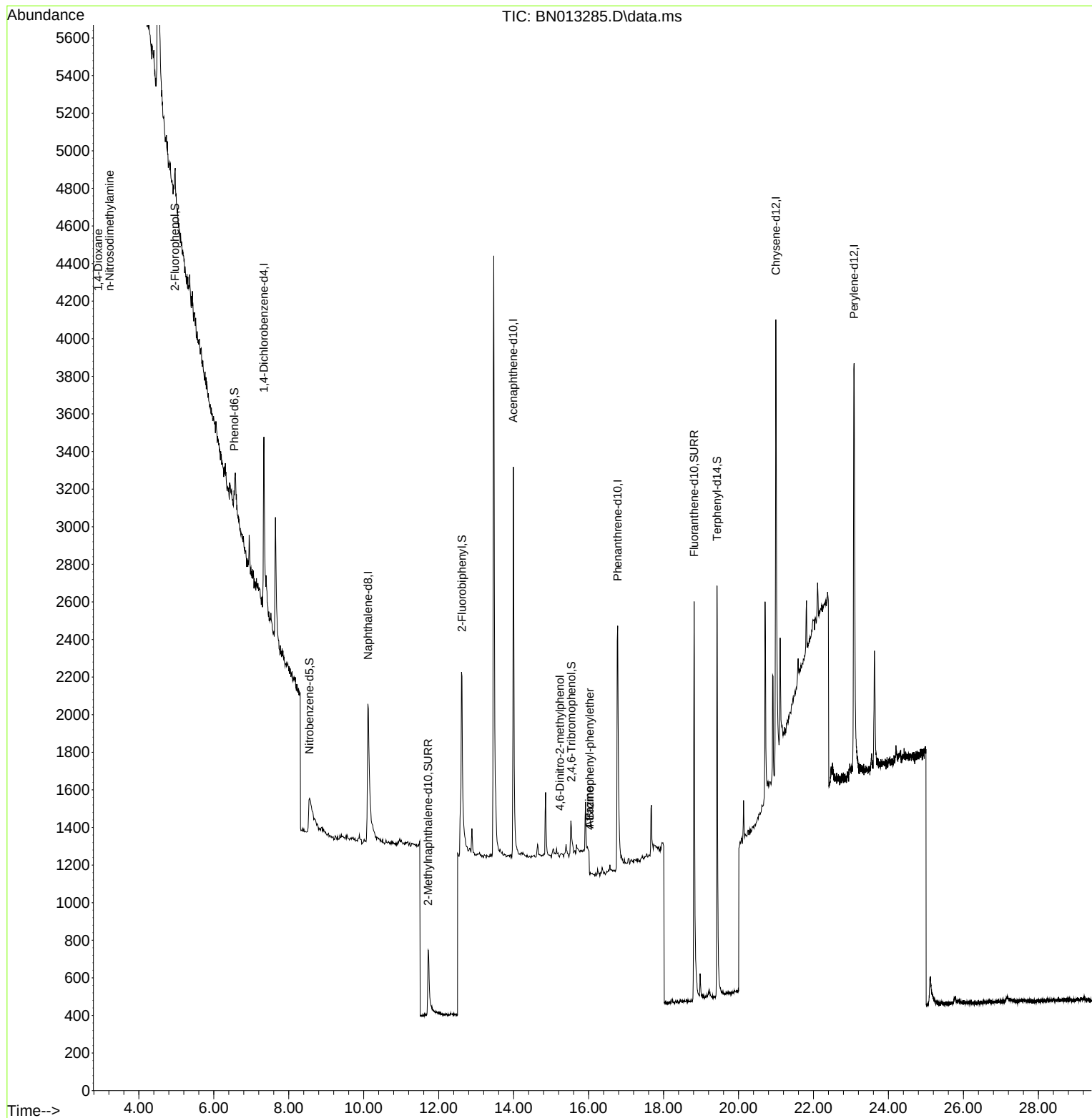
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	711	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2190	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1500	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3275	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3394	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	3665	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	253	0.09	ng	0.00
5) Phenol-d6	6.549	99	136	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	516	0.23	ng	0.05
11) 2-Methylnaphthalene-d10	11.719	152	965	0.25	ng	0.01
14) 2,4,6-Tribromophenol	15.539	330	201	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	1495	0.24	ng	0.01
27) Fluoranthene-d10	18.816	212	3673	0.34	ng	0.00
31) Terphenyl-d14	19.427	244	3039	0.35	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	4037	3.26	ng	96
3) n-Nitrosodimethylamine	3.223	42	170	0.08	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.234	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	101	0.16	ng	# 73
23) Atrazine	16.021	200	68	0.03	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.910	149	603	Below	Cal	97

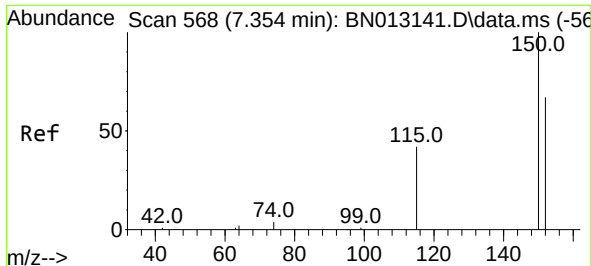
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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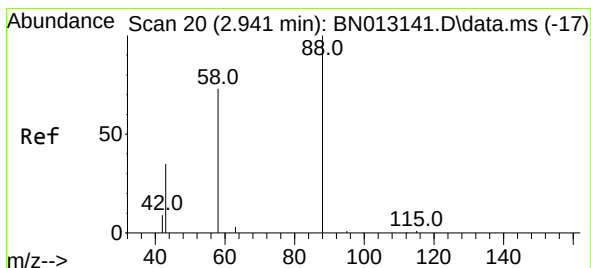
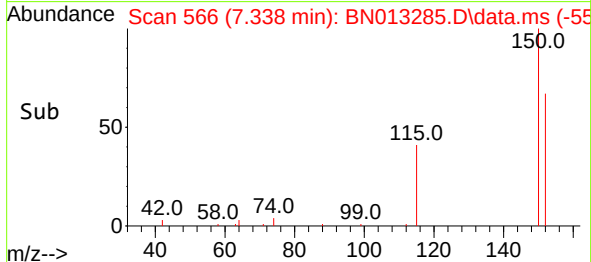
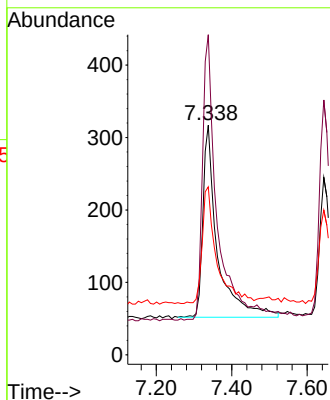
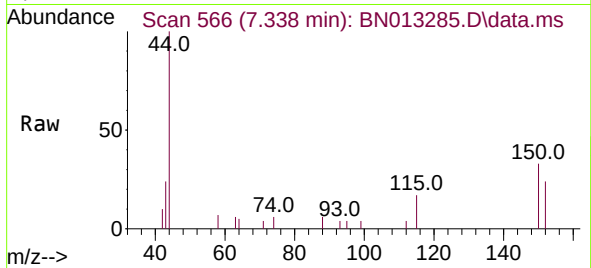




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

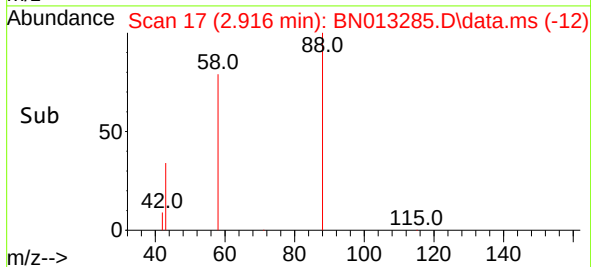
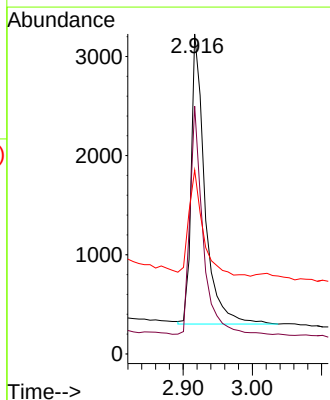
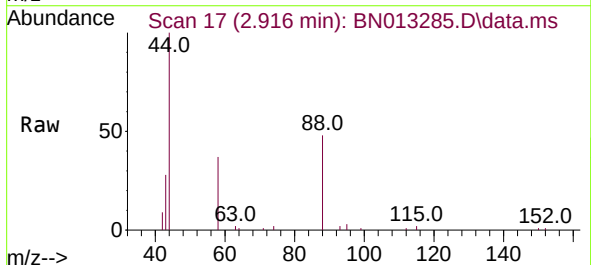
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BNA_N
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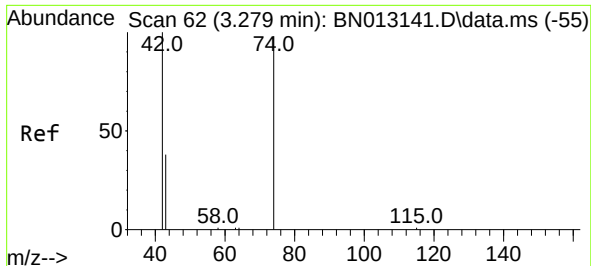
Tgt Ion:152 Resp: 711
Ion Ratio Lower Upper
152 100
150 139.4 116.6 174.8
115 73.2 52.9 79.3



#2
1,4-Dioxane
Concen: 3.26 ng
RT: 2.916 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion: 88 Resp: 4037
Ion Ratio Lower Upper
88 100
58 77.3 59.4 89.2
43 38.2 32.3 48.5

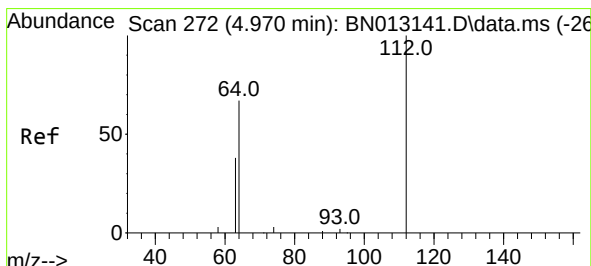
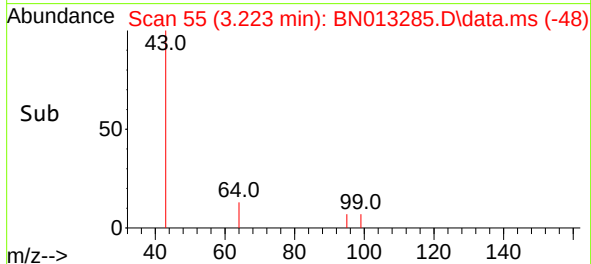
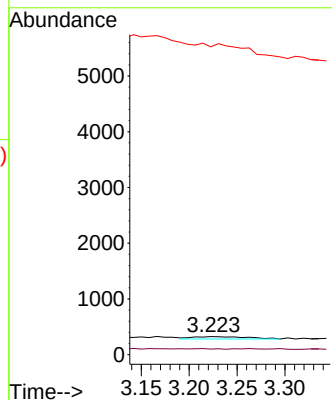
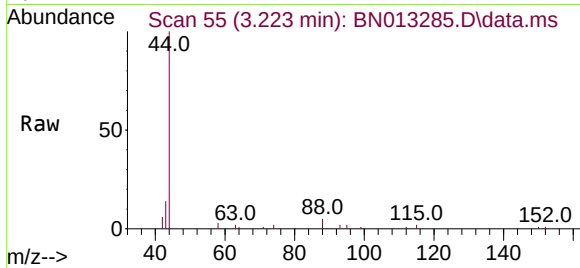




#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.040 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

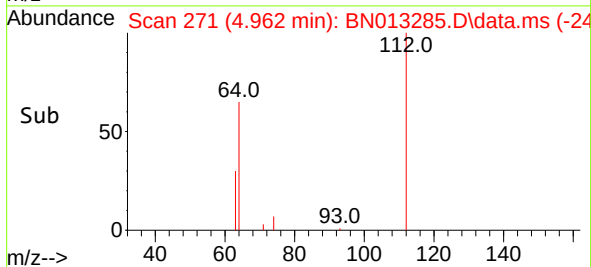
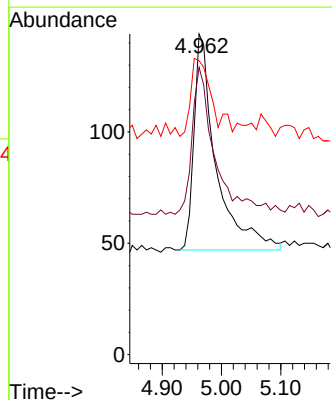
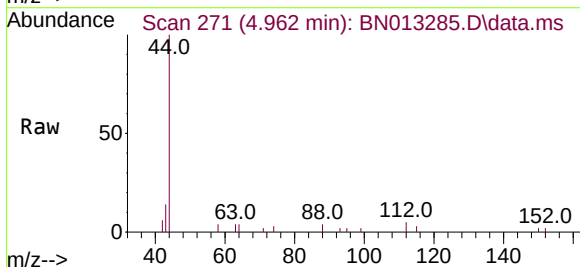
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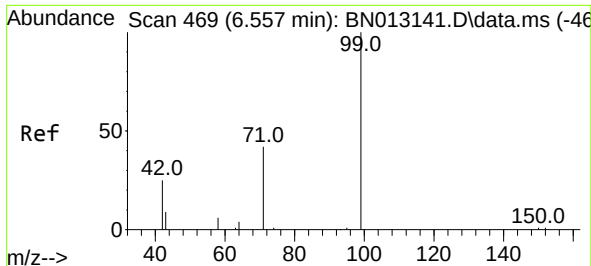
Tgt Ion: 42 Resp: 170
Ion Ratio Lower Upper
42 100
74 8.8 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion: 112 Resp: 253
Ion Ratio Lower Upper
112 100
64 70.4 49.5 74.3
63 41.1 32.0 48.0

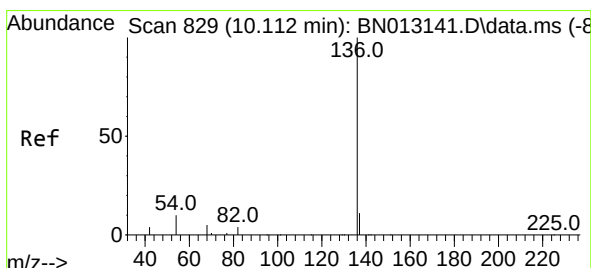
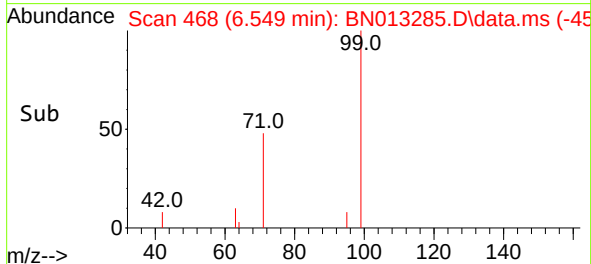
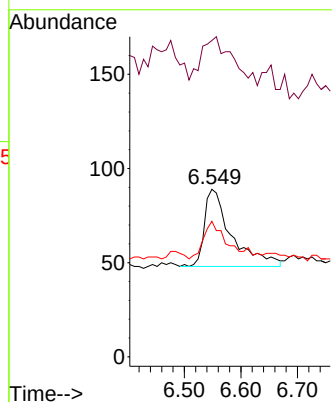
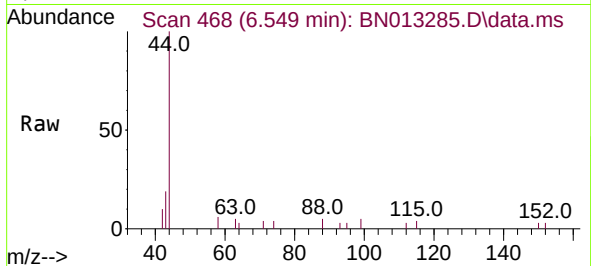




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

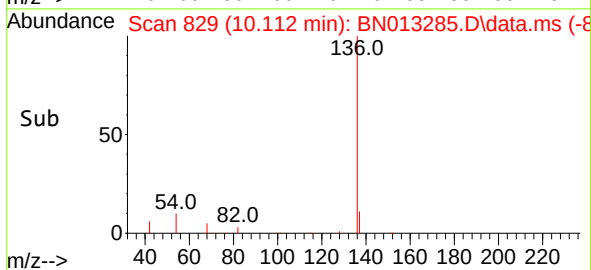
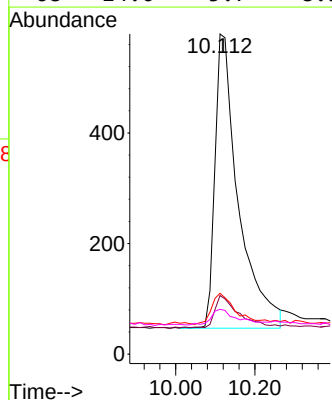
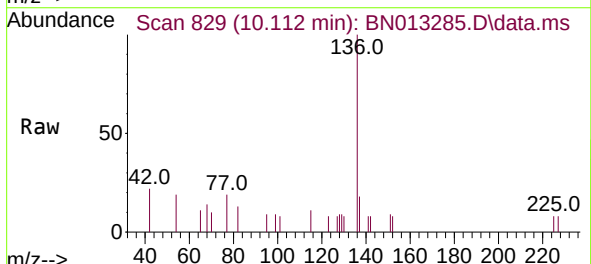
Instrument :
BNA_N
ClientSampleId :
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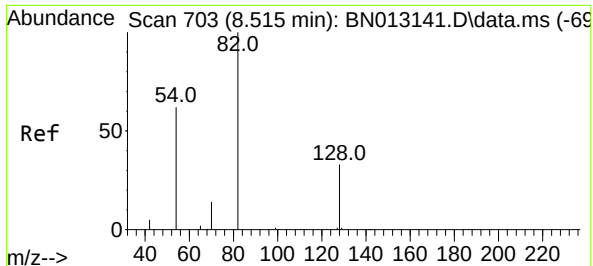
Tgt Ion: 99 Resp: 136
Ion Ratio Lower Upper
99 100
42 75.0 22.4 33.6#
71 44.1 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion: 136 Resp: 2190
Ion Ratio Lower Upper
136 100
137 18.3 10.6 15.8#
54 19.0 8.6 12.8#
68 14.0 5.7 8.5#

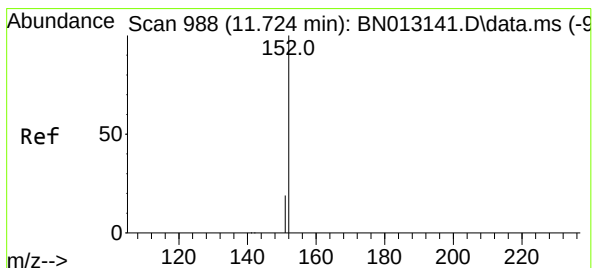
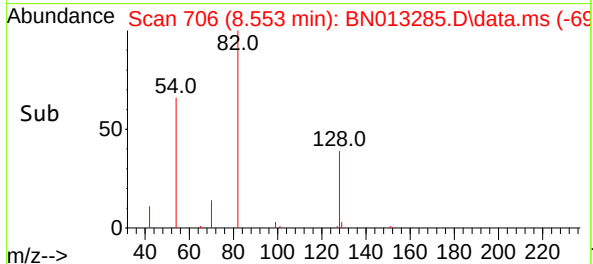
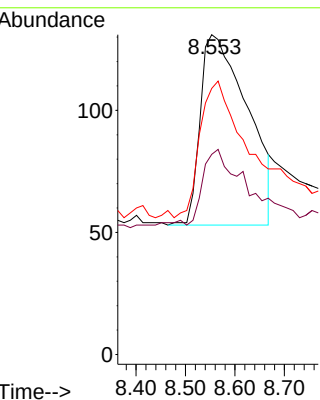
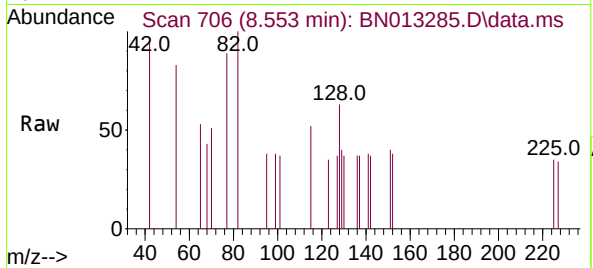




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

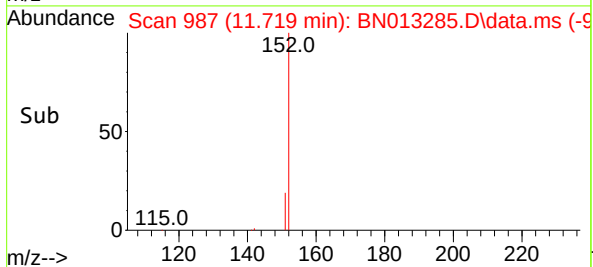
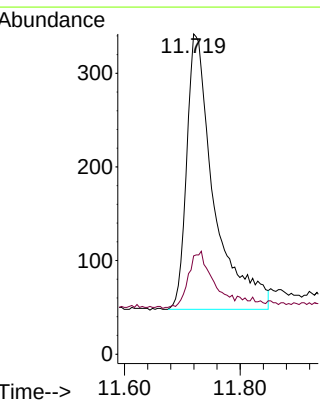
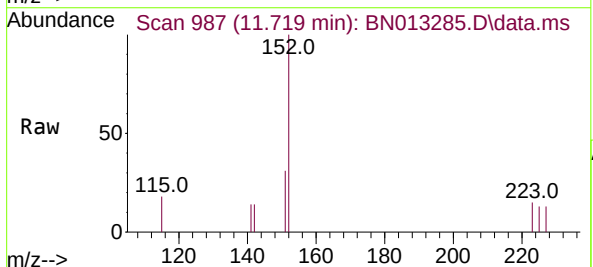
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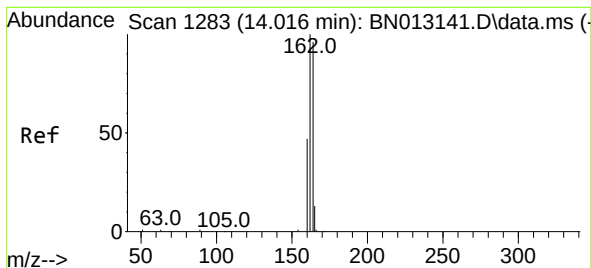
Tgt Ion: 82 Resp: 516
Ion Ratio Lower Upper
82 100
128 62.6 30.6 46.0#
54 83.2 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion: 152 Resp: 965
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1

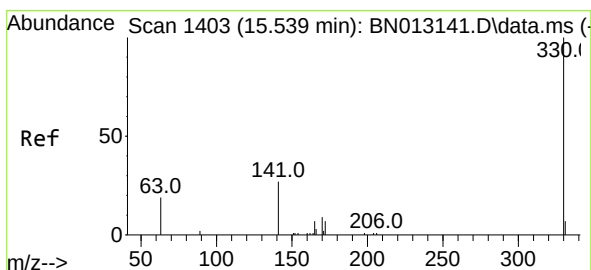
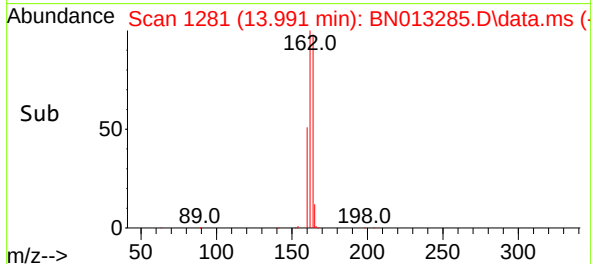
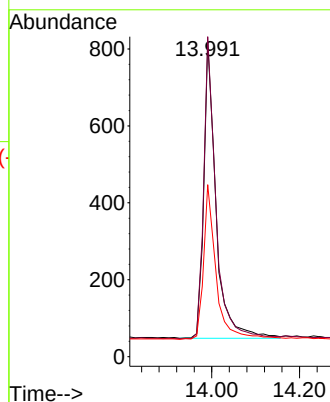
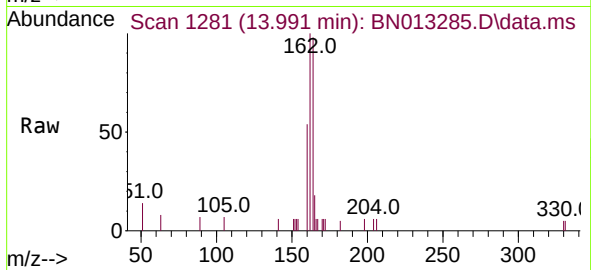




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

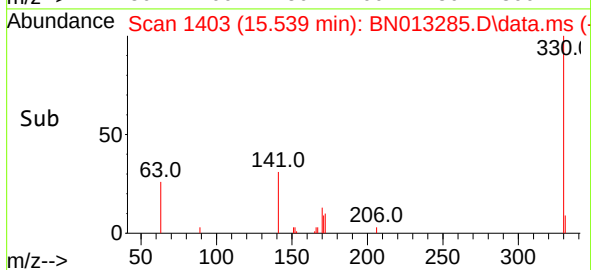
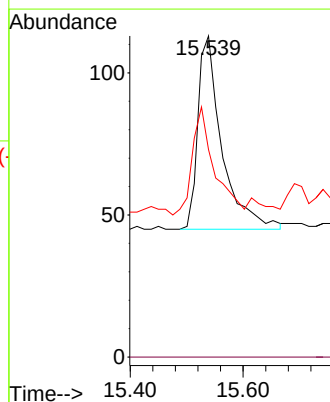
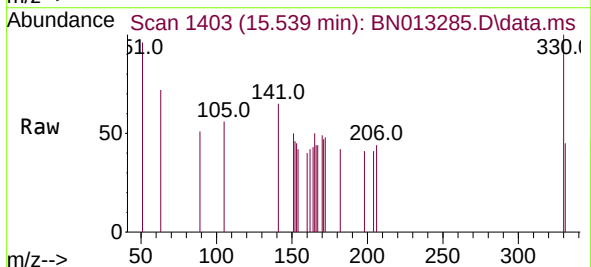
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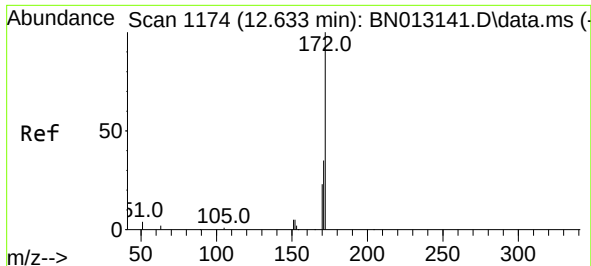
Tgt Ion:164 Resp: 1500
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 54.6 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:330 Resp: 201
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.2 34.4 51.6

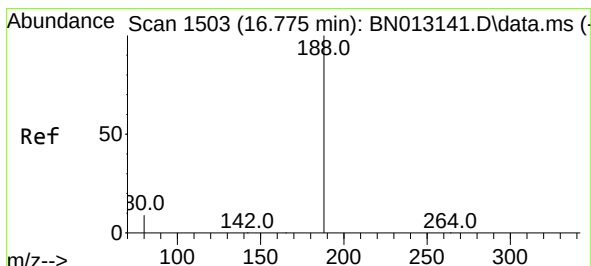
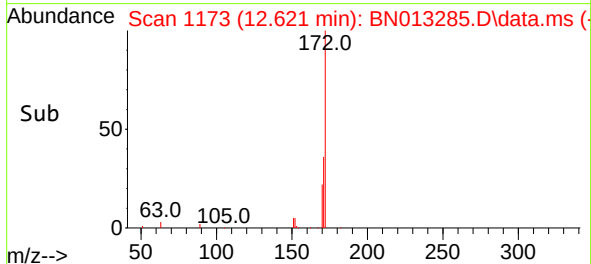
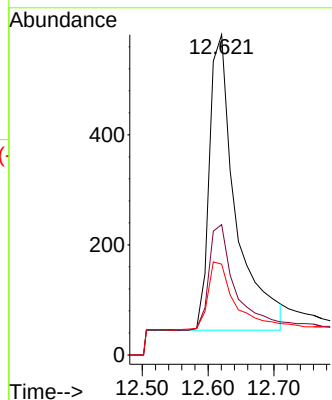
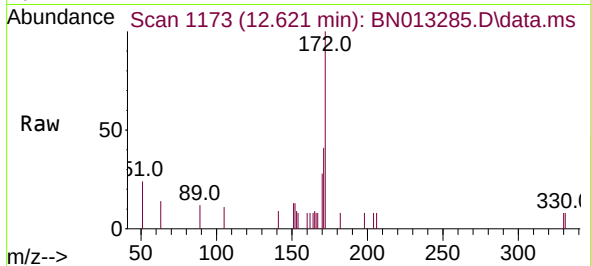




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

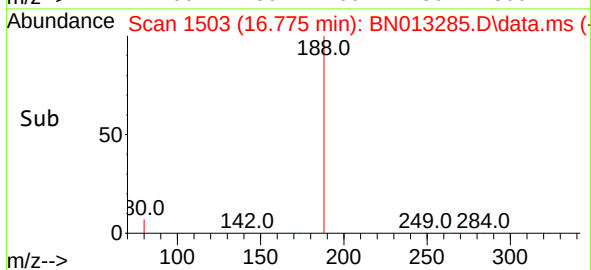
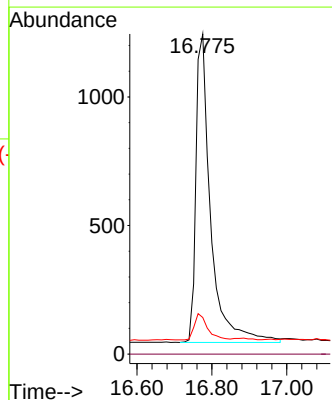
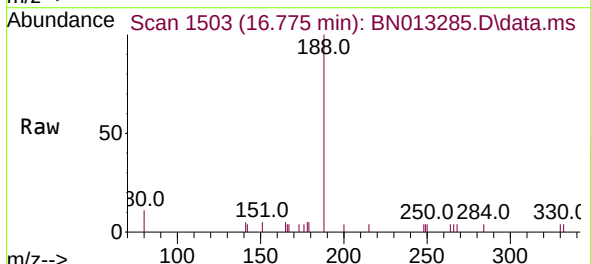
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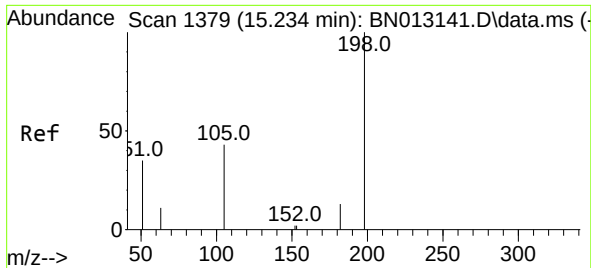
Tgt Ion:	172	Resp:	1495
Ion Ratio	Lower	Upper	
172	100		
171	40.7	28.2	42.4
170	28.4	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:	188	Resp:	3275
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.4	5.0	7.4

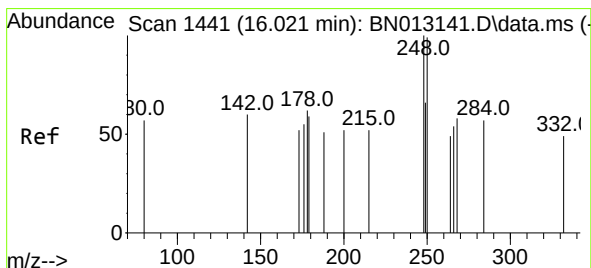
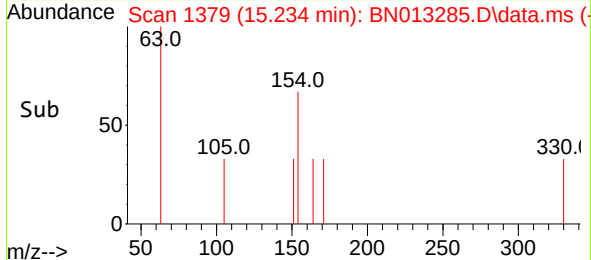
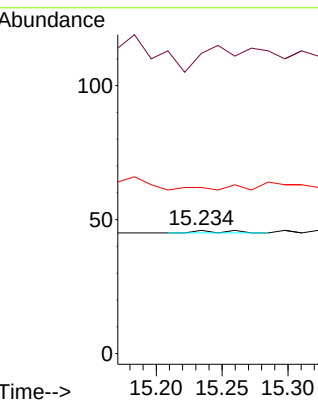
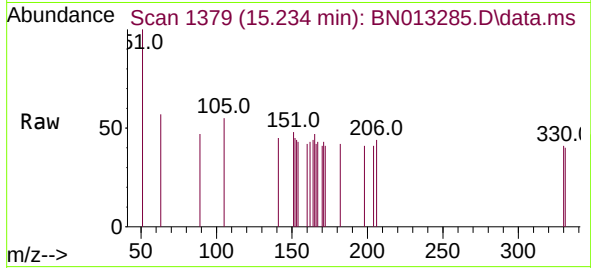




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.013 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

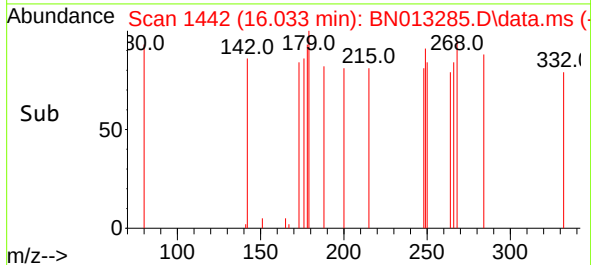
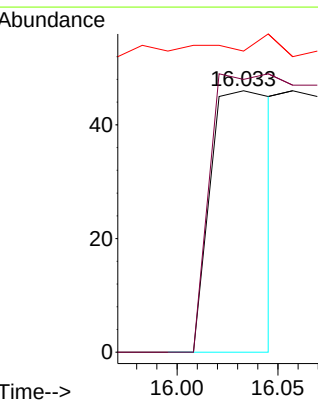
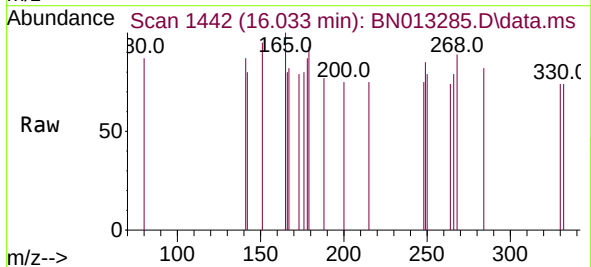
Instrument :
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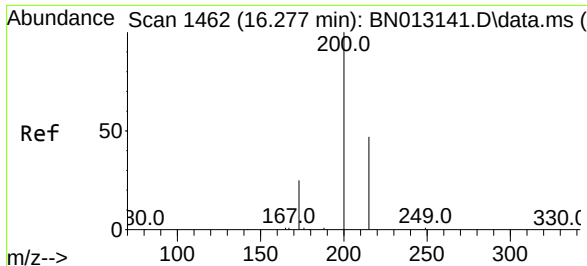
Tgt Ion:	198	Resp:	2
Ion	Ratio	Lower	Upper
198	100		
51	243.5	43.5	65.3#
105	134.8	27.2	40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:	248	Resp:	101
Ion	Ratio	Lower	Upper
248	100		
250	104.3	77.3	115.9
141	115.2	57.8	86.8#

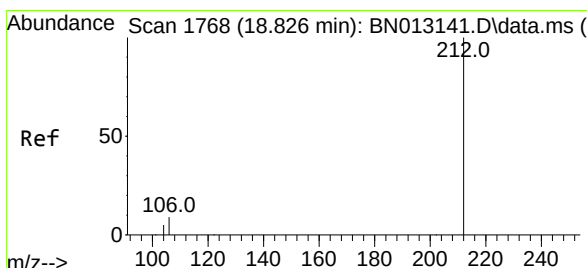
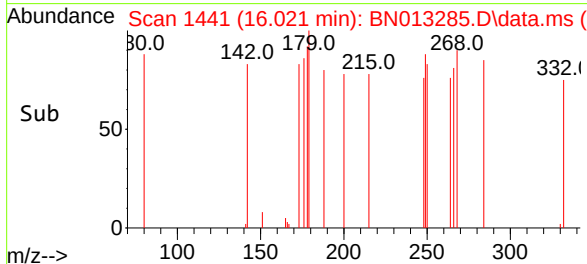
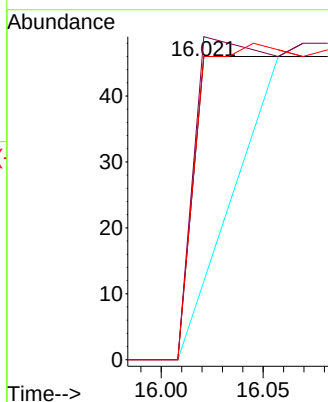
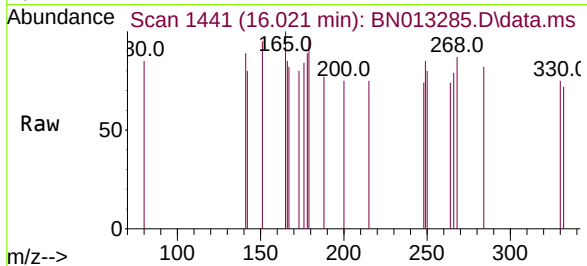




#23
Atrazine
Concen: 0.03 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.244 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

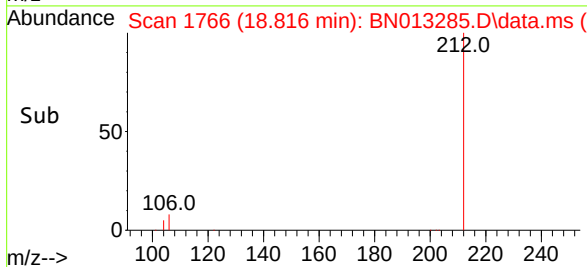
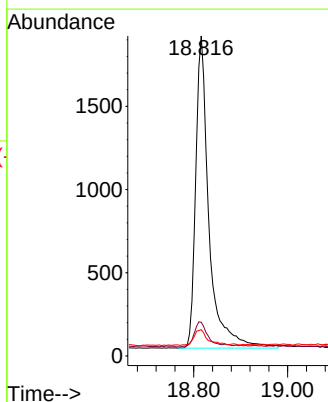
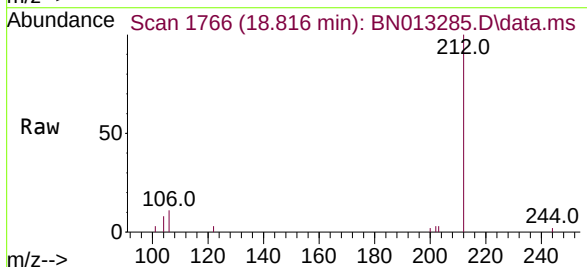
Instrument :
BNA_N
ClientSampleId :
RE109D2-20201211

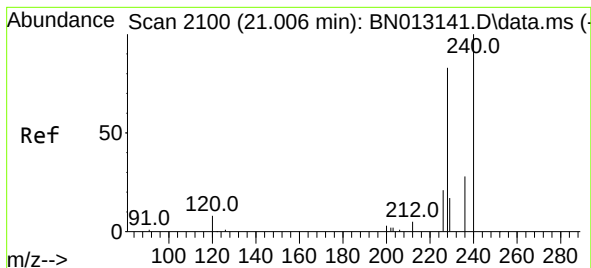
Tgt Ion:200 Resp: 68
Ion Ratio Lower Upper
200 100
173 106.5 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:212 Resp: 3673
Ion Ratio Lower Upper
212 100
106 7.9 6.8 10.2
104 5.4 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: BN013285.D

Acq: 22 Dec 2020 23:37

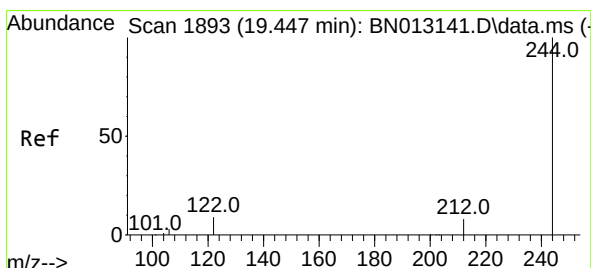
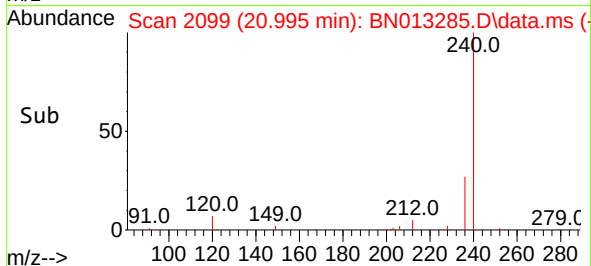
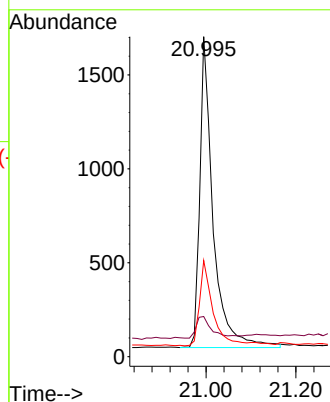
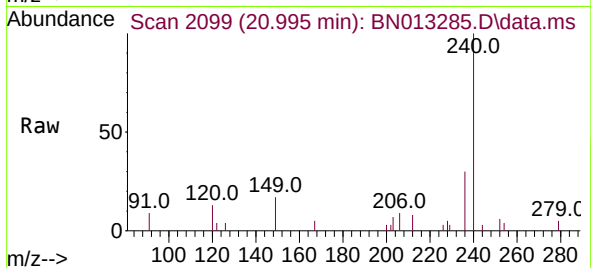
Tgt Ion:240 Resp: 3394

Ion Ratio Lower Upper

240 100

120 12.6 5.3 7.9#

236 30.0 21.8 32.8



#31

Terphenyl-d14

Concen: 0.35 ng

RT: 19.427 min Scan# 1889

Delta R.T. -0.005 min

Lab File: BN013285.D

Acq: 22 Dec 2020 23:37

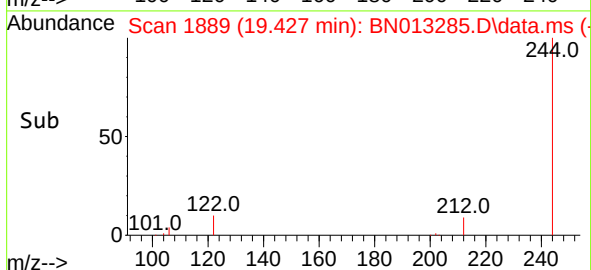
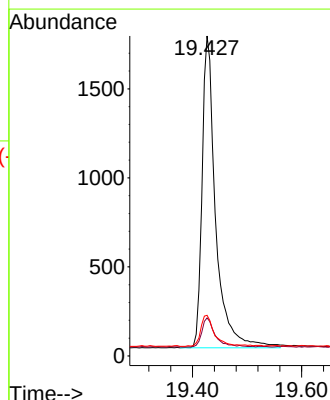
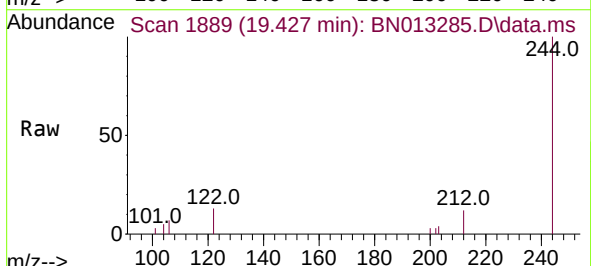
Tgt Ion:244 Resp: 3039

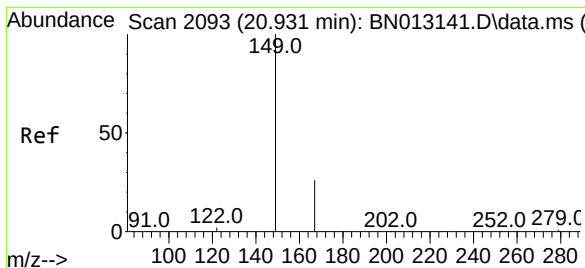
Ion Ratio Lower Upper

244 100

212 11.9 7.3 10.9#

122 12.7 7.3 10.9#

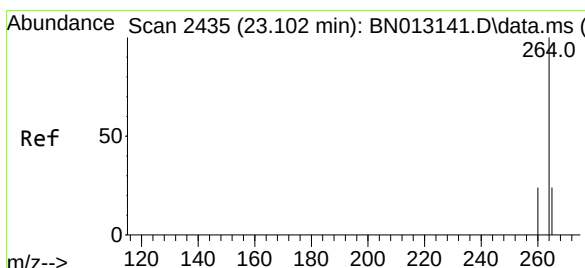
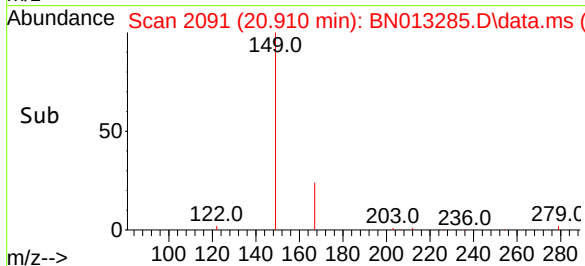
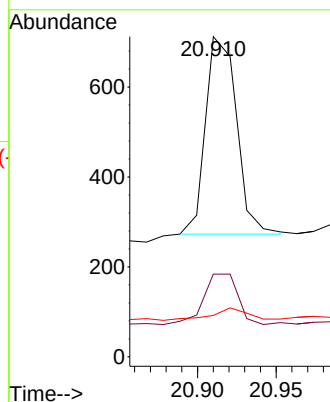
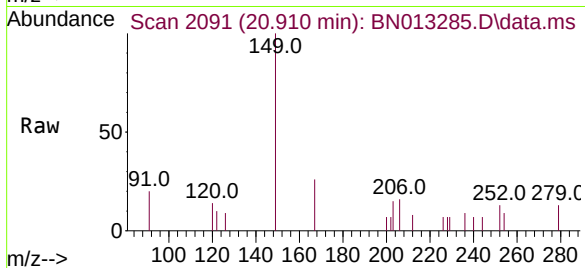




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.910 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Instrument :
BNA_N
ClientSampleId :
RE109D2-20201211

Tgt Ion:149 Resp: 603
Ion Ratio Lower Upper
149 100
167 27.2 23.2 34.8
279 5.1 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.082 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BN013285.D
Acq: 22 Dec 2020 23:37

Tgt Ion:264 Resp: 3665
Ion Ratio Lower Upper
264 100
260 27.2 19.8 29.6
265 80.4 51.4 77.0#

