

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020921\
 Data File : BN013610.D
 Acq On : 09 Feb 2021 19:51
 Operator : CG/JU
 Sample : SP5452
 Misc : 8270-SIM SURROGATE
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5452

Quant Time: Feb 10 01:48:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 08 15:13:18 2021
 Response via : Initial Calibration

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

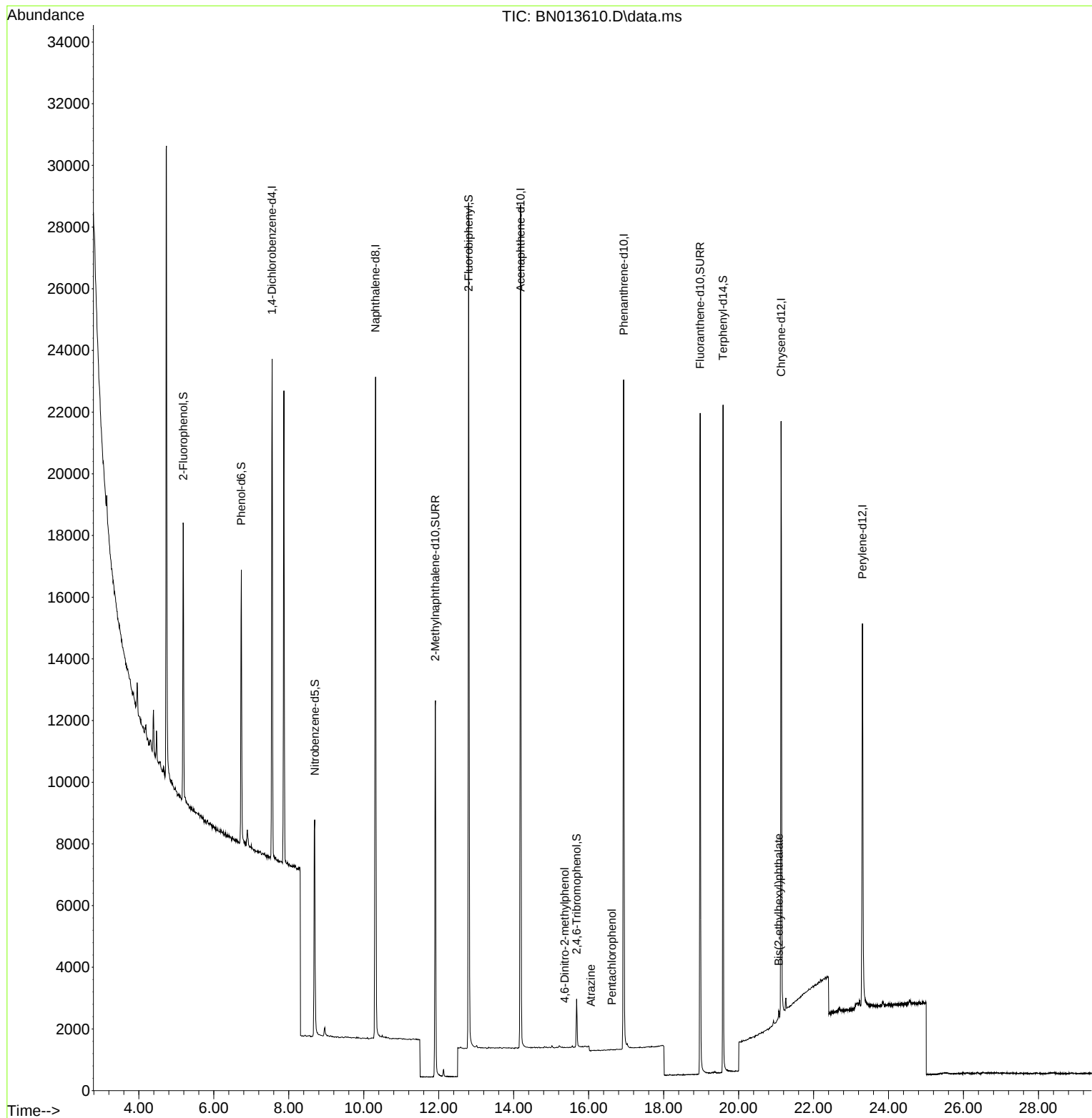
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	7746	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	29999	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	15460	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	29479	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	20646	0.40	ng	0.00
36) Perylene-d12	23.304	264	16995	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.188	112	7528	0.45	ng	0.00
5) Phenol-d6	6.734	99	8577	0.41	ng	0.00
8) Nitrobenzene-d5	8.693	82	6616	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.906	152	17385	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1262	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	23895	0.41	ng	0.00
27) Fluoranthene-d10	18.975	212	25593	0.32	ng	0.00
31) Terphenyl-d14	19.585	244	22232	0.48	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.361	198	7	0.15	ng	# 1
23) Atrazine	16.057	200	277	0.03	ng	# 12
24) Pentachlorophenol	16.617	266	7	0.20	ng	# 17
34) Bis(2-ethylhexyl)phtha...	21.069	149	370	0.02	ng	# 87

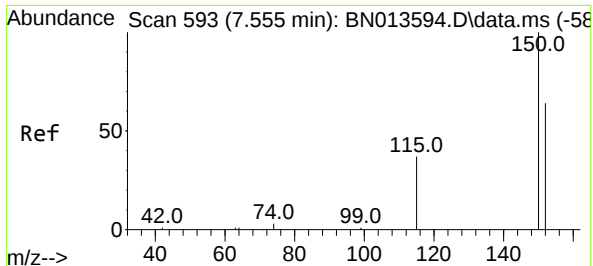
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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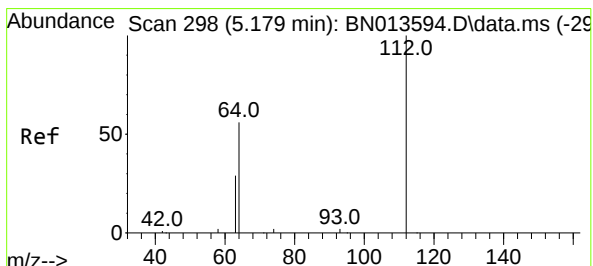
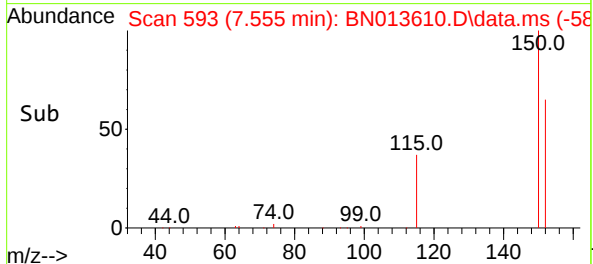
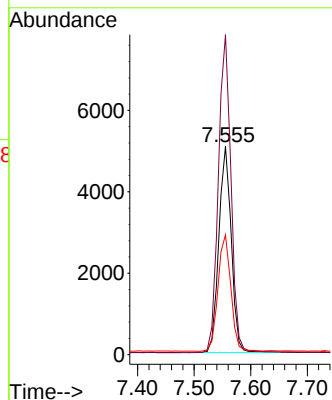
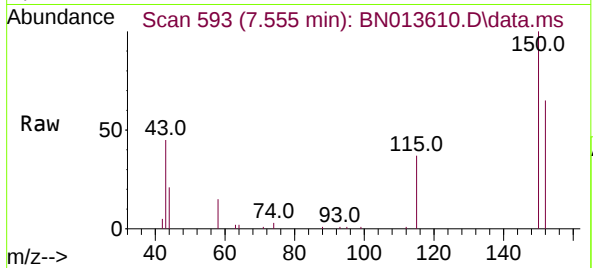




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.555 min Scan# 593
 Delta R.T. 0.000 min
 Lab File: BN013610.D
 Acq: 09 Feb 2021 19:51

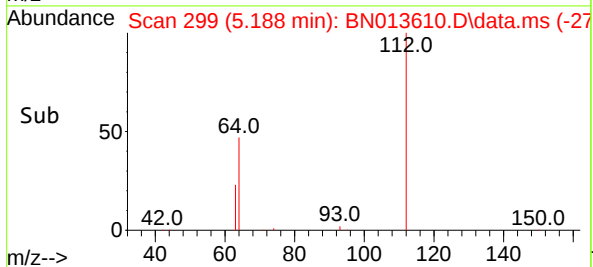
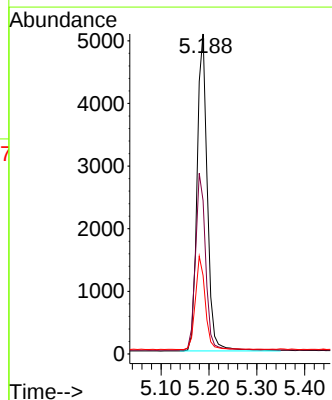
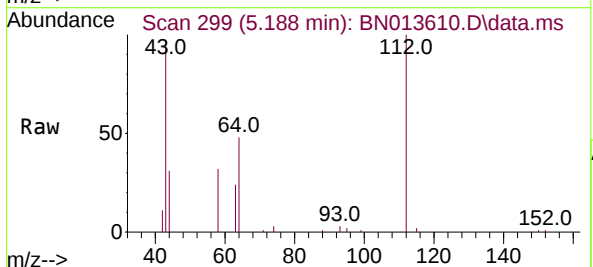
Instrument :
 BNA_N
 ClientSampleId :
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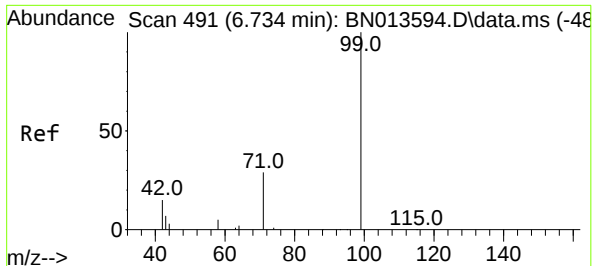
Tgt Ion:152 Resp: 7746
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.8 182.8
 115 57.6 46.6 69.8



#4
 2-Fluorophenol
 Concen: 0.45 ng
 RT: 5.188 min Scan# 299
 Delta R.T. 0.008 min
 Lab File: BN013610.D
 Acq: 09 Feb 2021 19:51

Tgt Ion:112 Resp: 7528
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.3 66.5
 63 28.4 23.0 34.6

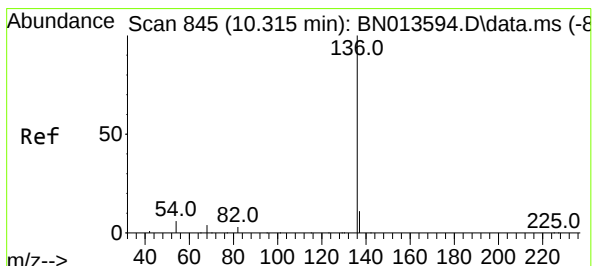
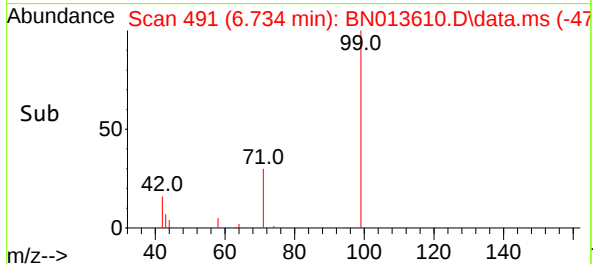
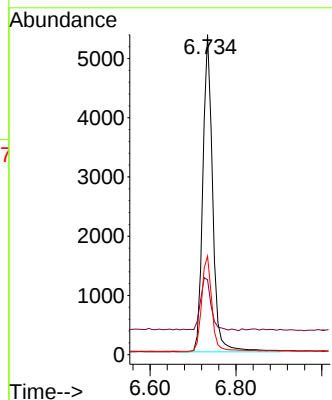
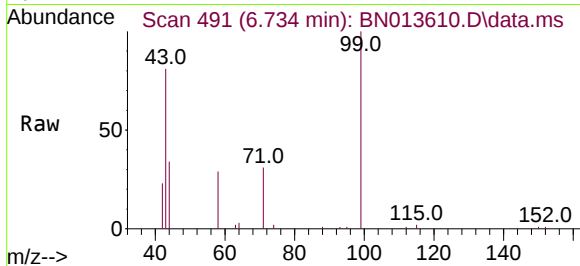




#5
Phenol-d6
Concen: 0.41 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

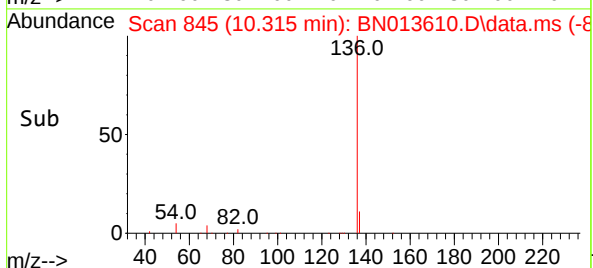
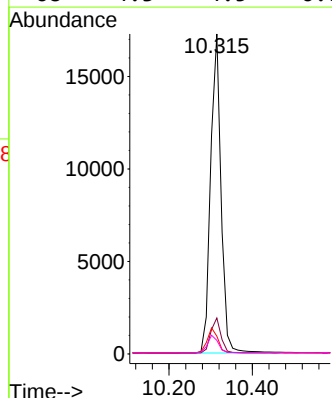
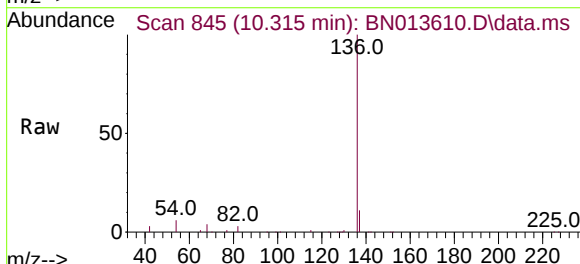
Instrument :
BNA_N
ClientSampleId :
SP5452

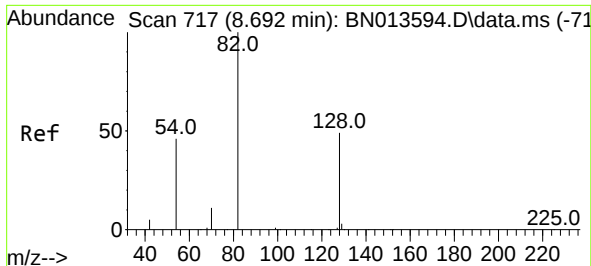
Tgt Ion:	99	Resp:	8577
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.2	22.8
71	31.4	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

Tgt Ion:	136	Resp:	29999
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	5.5	6.4	9.6#
68	4.3	4.5	6.7#

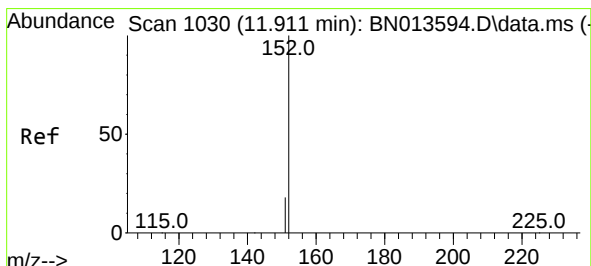
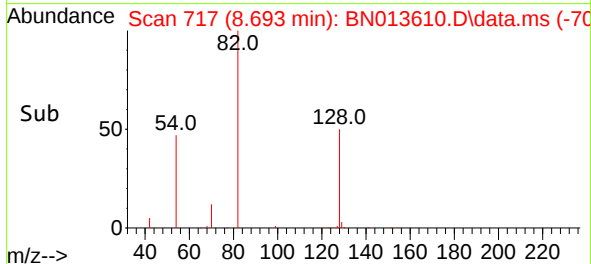
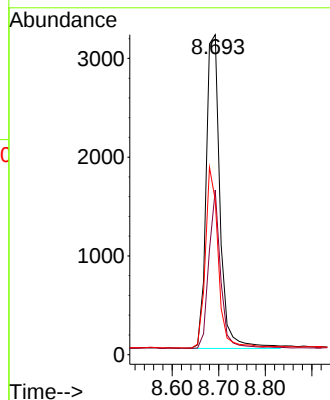
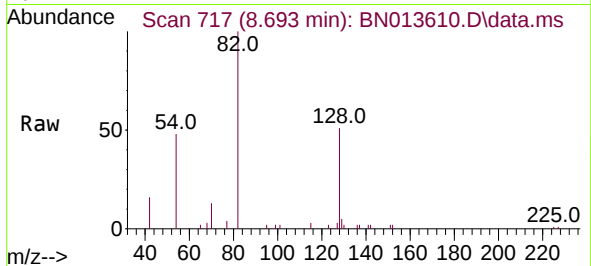




#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.693 min Scan# 717
Delta R.T. 0.000 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

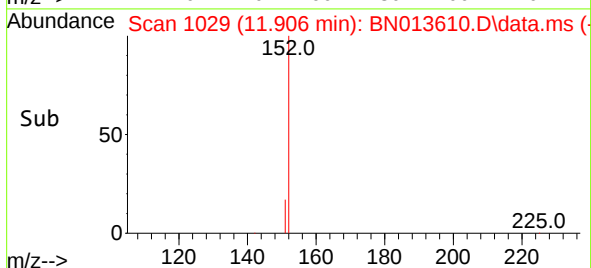
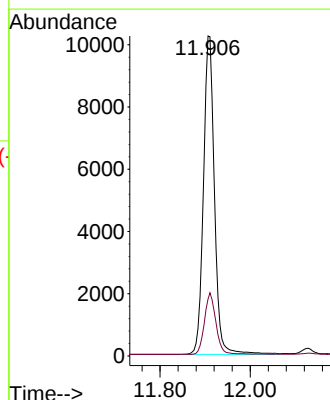
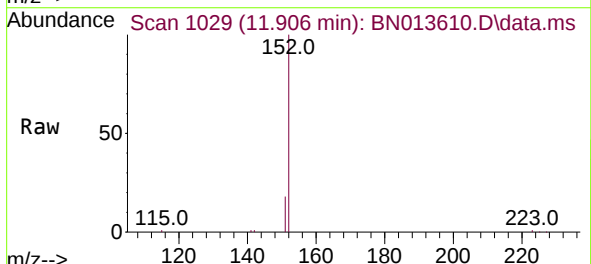
Instrument :
BNA_N
ClientSampleId :
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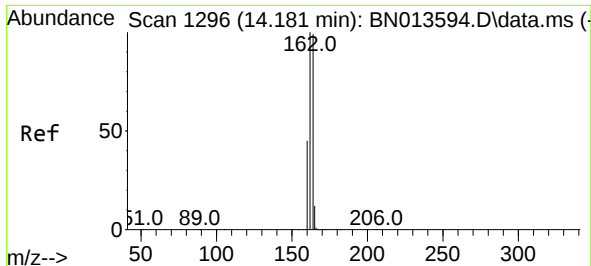
Tgt Ion: 82 Resp: 6616
Ion Ratio Lower Upper
82 100
128 51.5 39.2 58.8
54 48.3 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

Tgt Ion: 152 Resp: 17385
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

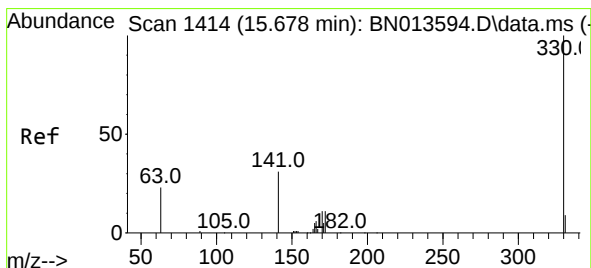
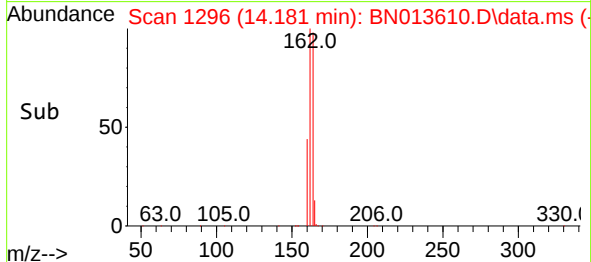
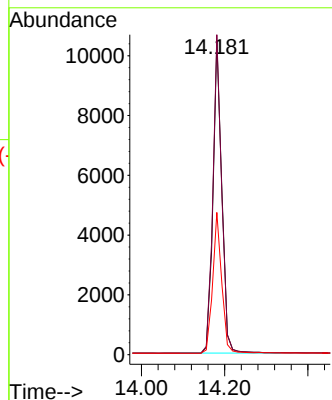
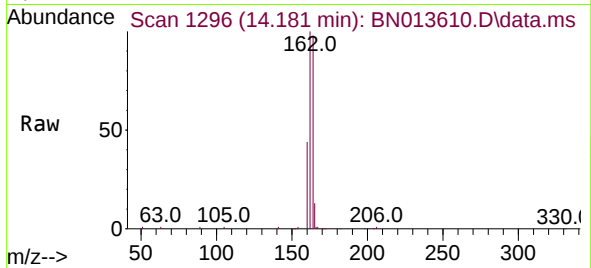




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

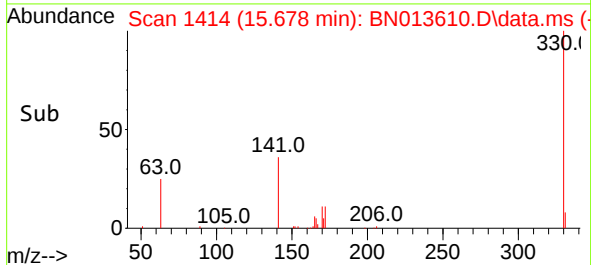
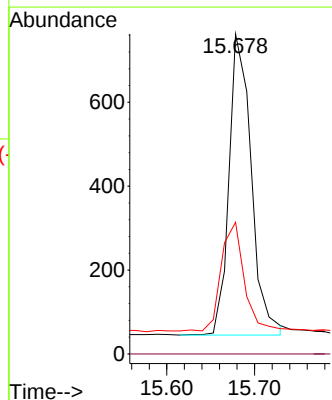
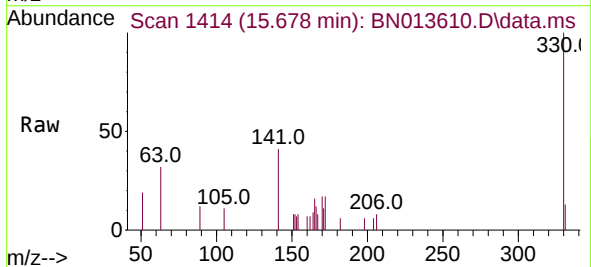
Instrument :
BNA_N
ClientSampleId :
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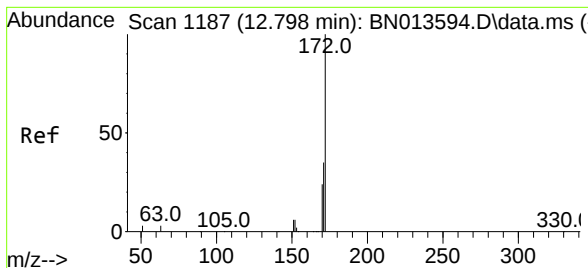
Tgt Ion:164 Resp: 15460
Ion Ratio Lower Upper
164 100
162 101.7 79.6 119.4
160 45.2 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

Tgt Ion:330 Resp: 1262
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.1 26.8 40.2

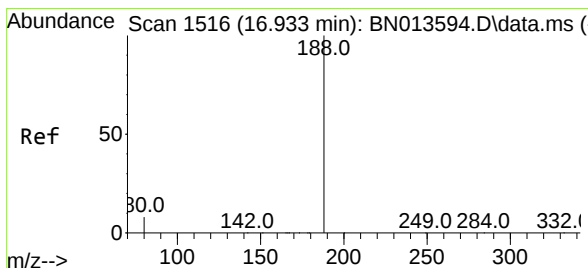
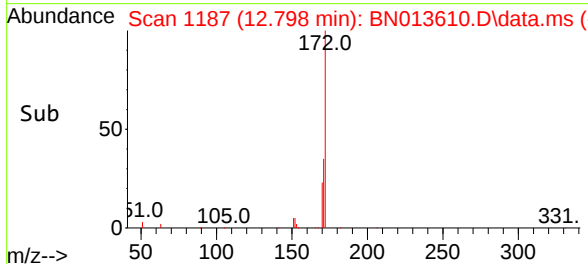
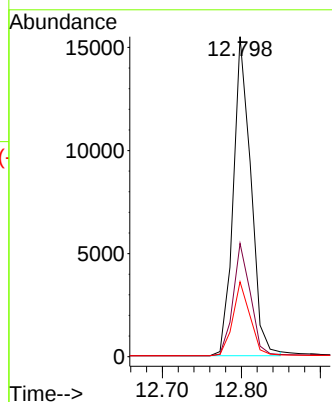
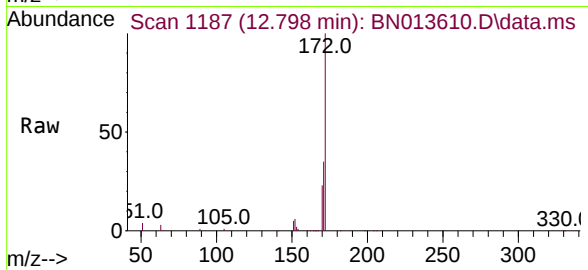




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

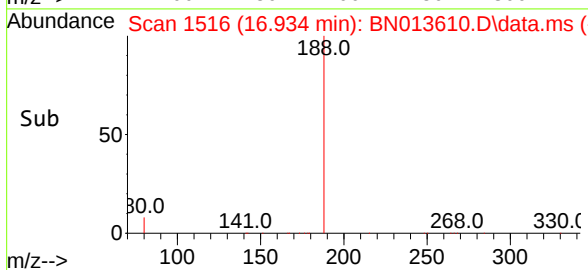
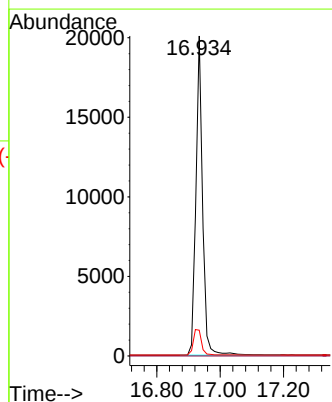
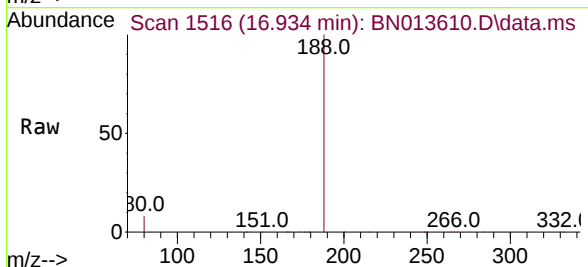
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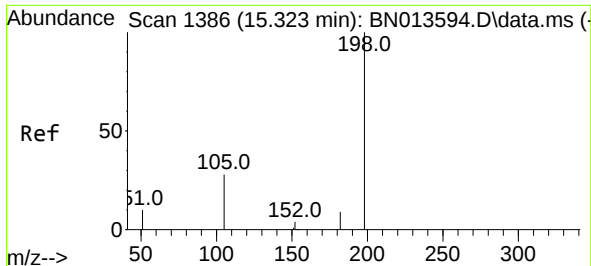
Tgt Ion:	172	Resp:	23895
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	42.8
170	23.4	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

Tgt Ion:	188	Resp:	29479
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.0	9.0	13.6#

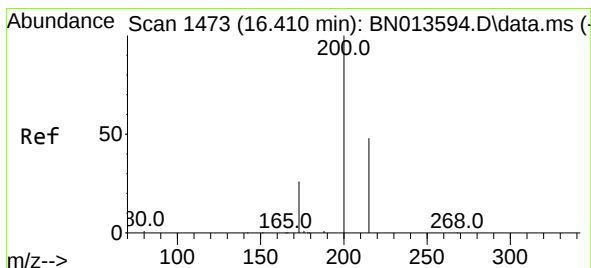
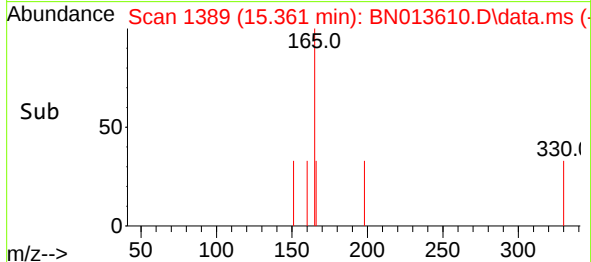
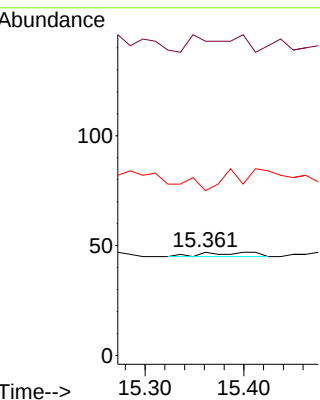
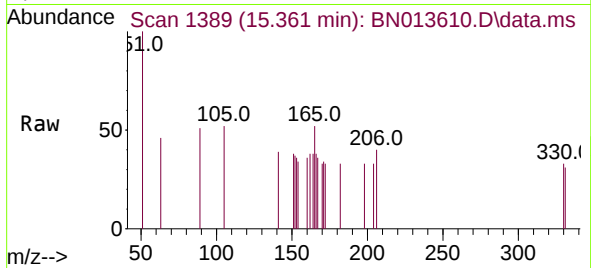




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.361 min Scan# 1389
Delta R.T. 0.038 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

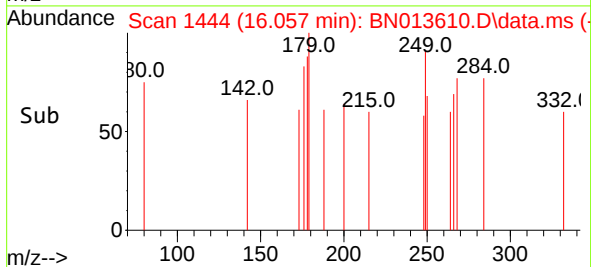
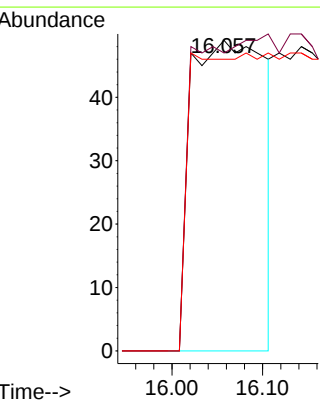
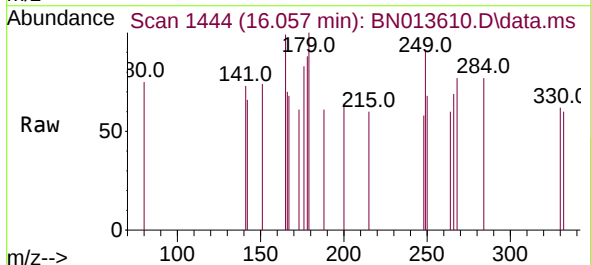
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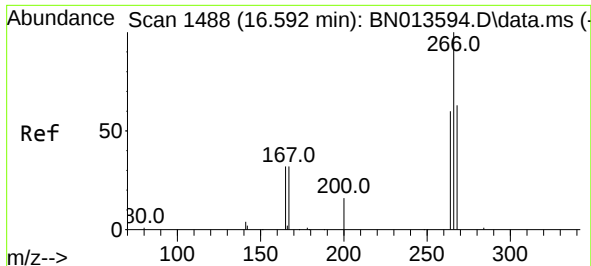
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 304.3 61.7 92.5#
105 159.6 33.0 49.6#



#23
Atrazine
Concen: 0.03 ng
RT: 16.057 min Scan# 1444
Delta R.T. -0.352 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

Tgt Ion:200 Resp: 277
Ion Ratio Lower Upper
200 100
173 95.9 18.6 28.0#
215 93.9 41.0 61.6#

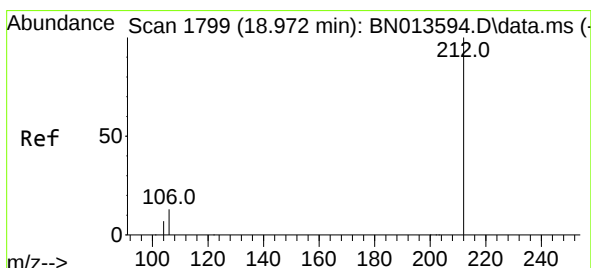
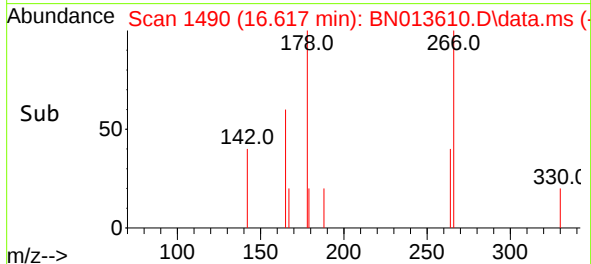
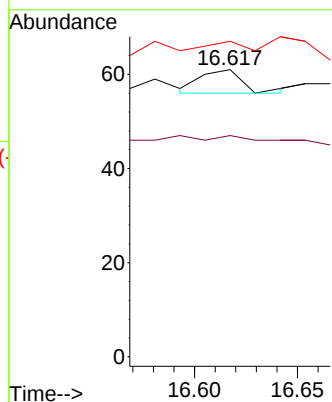
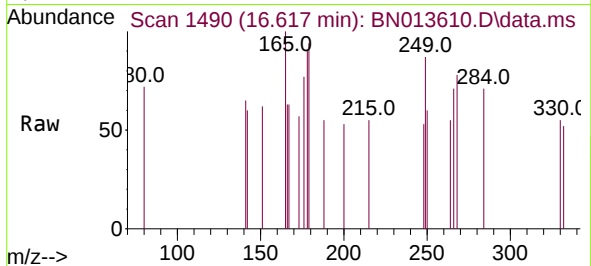




#24
Pentachlorophenol
Concen: 0.20 ng
RT: 16.617 min Scan# 1490
Delta R.T. 0.025 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

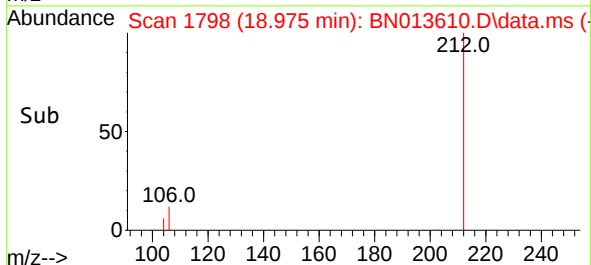
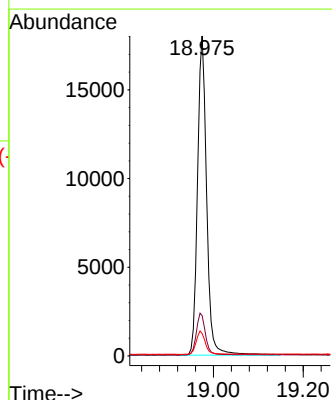
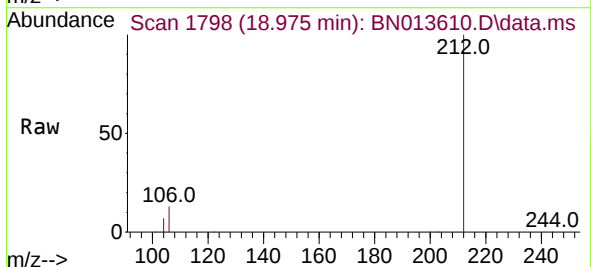
Instrument :
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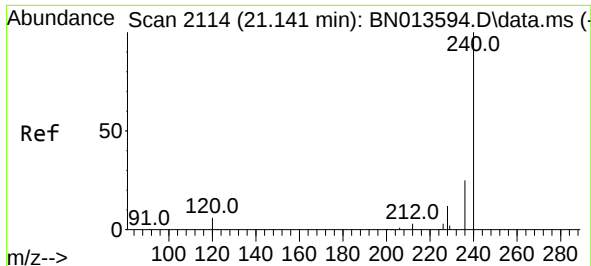
Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 0.0 51.6 77.4#
268 0.0 54.6 82.0#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

Tgt Ion:212 Resp: 25593
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 7.3 5.5 8.3

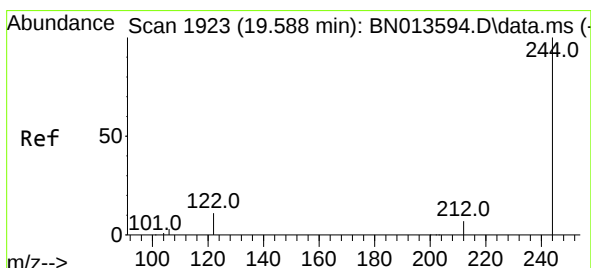
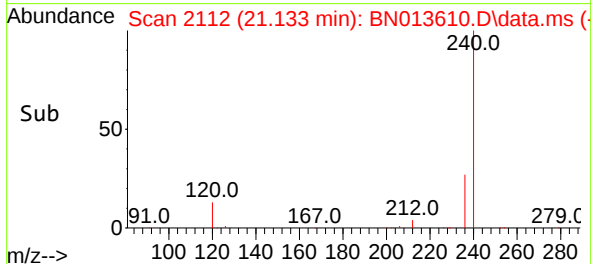
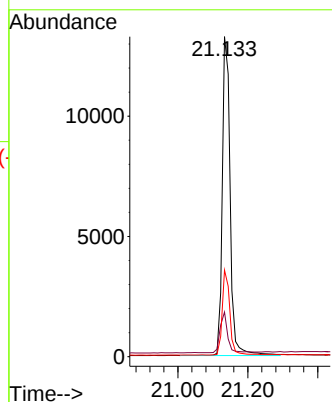
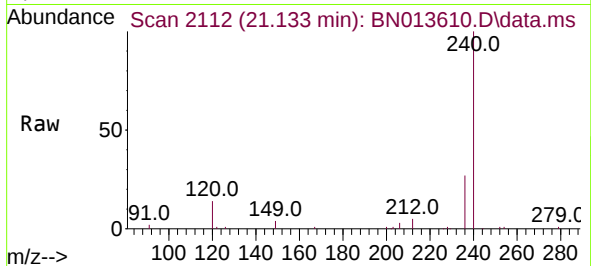




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

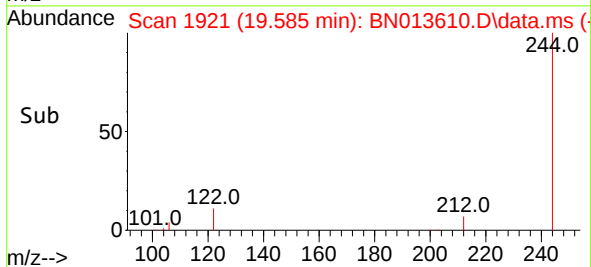
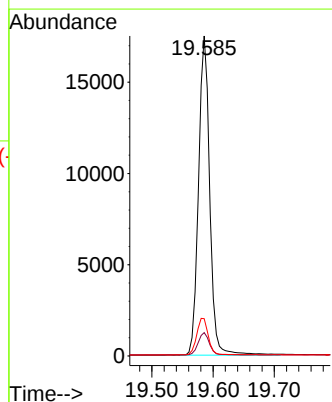
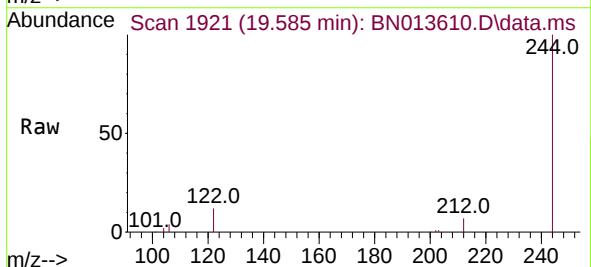
Instrument :
BNA_N
ClientSampleId :
SP5452

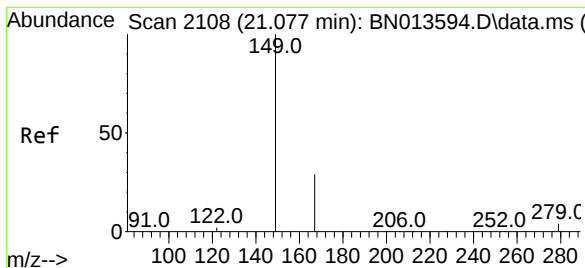
Tgt Ion:240 Resp: 20646
Ion Ratio Lower Upper
240 100
120 13.9 10.2 15.4
236 27.0 21.3 31.9



#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.585 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013610.D
Acq: 09 Feb 2021 19:51

Tgt Ion:244 Resp: 22232
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.7 9.8 14.8

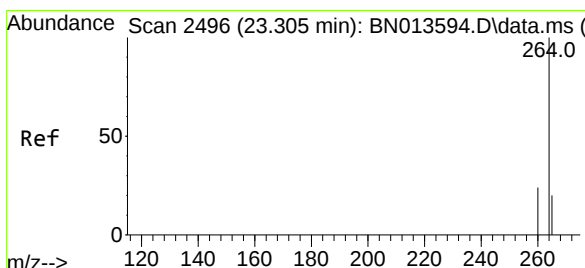
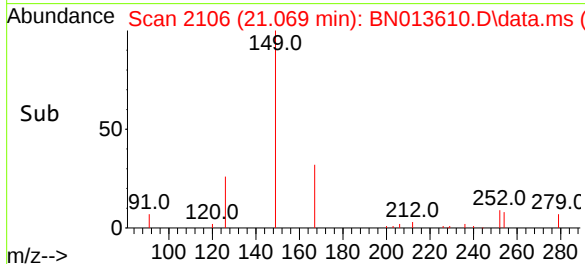
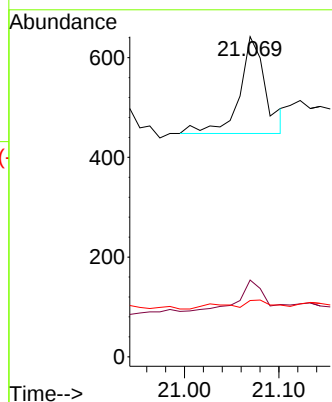
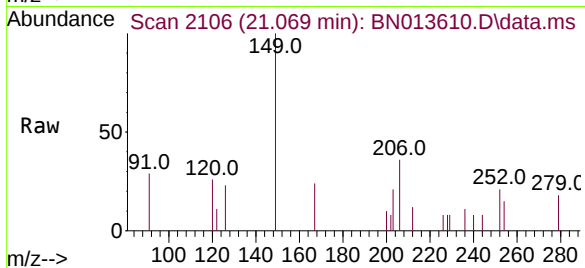




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng
 RT: 21.069 min Scan# 2106
 Delta R.T. -0.008 min
 Lab File: BN013610.D
 Acq: 09 Feb 2021 19:51

Instrument :
 BNA_N
 ClientSampleId :
 SP5452

Tgt Ion:149 Resp: 370
 Ion Ratio Lower Upper
 149 100
 167 34.9 22.1 33.1#
 279 7.0 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.304 min Scan# 2494
 Delta R.T. -0.001 min
 Lab File: BN013610.D
 Acq: 09 Feb 2021 19:51

Tgt Ion:264 Resp: 16995
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 38.0 66.2 99.4#

