

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021221\
 Data File : BN013616.D
 Acq On : 12 Feb 2021 17:16
 Operator : CG/JU
 Sample : M1364-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-398-400

Quant Time: Feb 12 22:19:10 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)

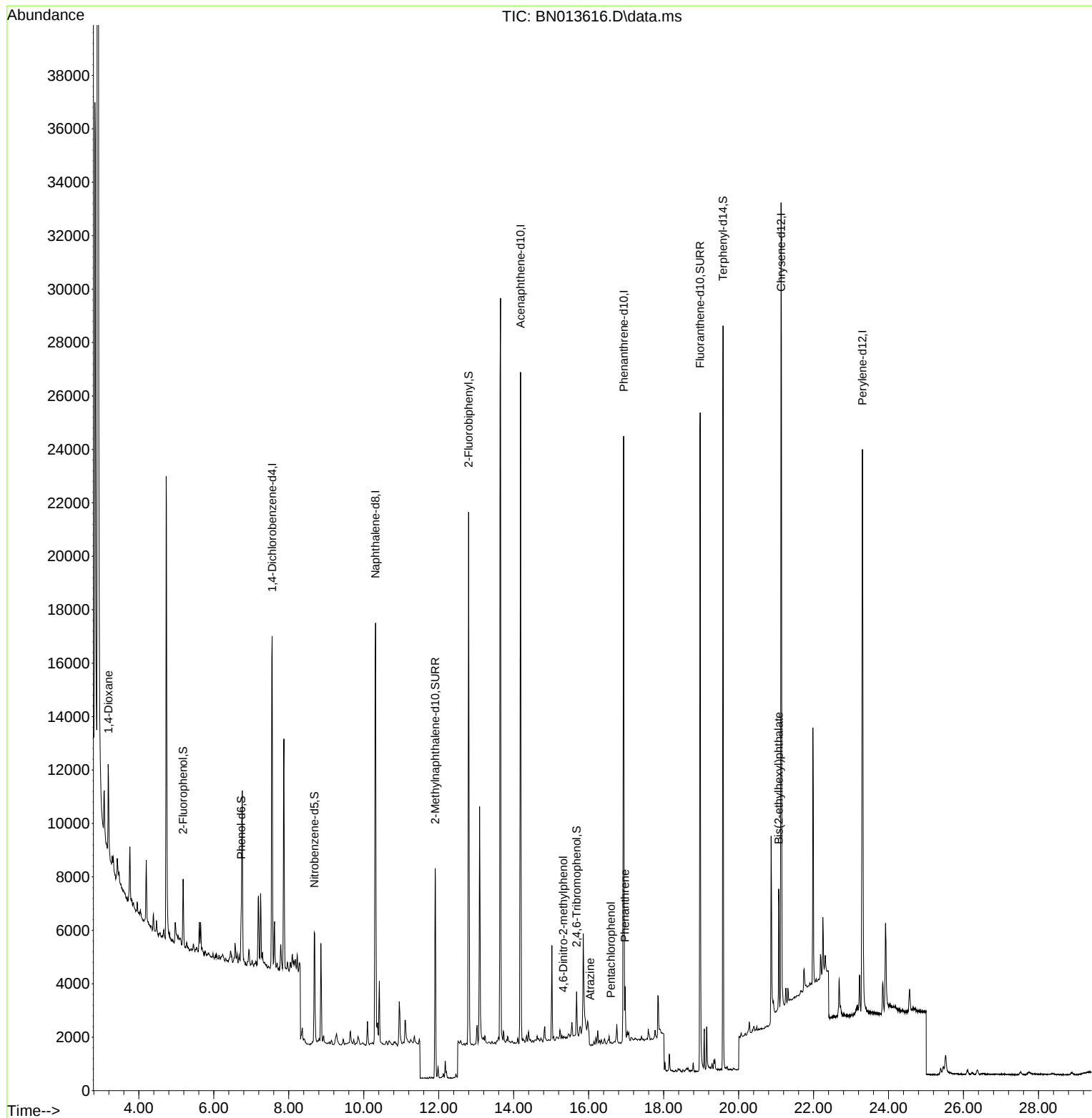
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	5859	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	22836	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	13105	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	29109	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	30811	0.40	ng	0.00
36) Perylene-d12	23.304	264	29030	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.179	112	1919	0.15	ng	0.00
5) Phenol-d6	6.734	99	1404	0.09	ng	0.00
8) Nitrobenzene-d5	8.680	82	3960	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.906	152	10774	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1158	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	16417	0.33	ng	0.00
27) Fluoranthene-d10	18.975	212	27866	0.36	ng	0.00
31) Terphenyl-d14	19.585	244	27909	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	2151	0.33	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.323	198	13	0.15	ng	# 1
23) Atrazine	16.045	200	314	0.03	ng	# 1
24) Pentachlorophenol	16.593	266	38	0.21	ng	# 67
25) Phenanthrene	16.970	178	2058	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.069	149	4629	0.19	ng	99

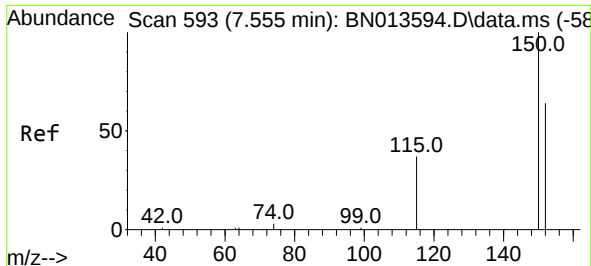
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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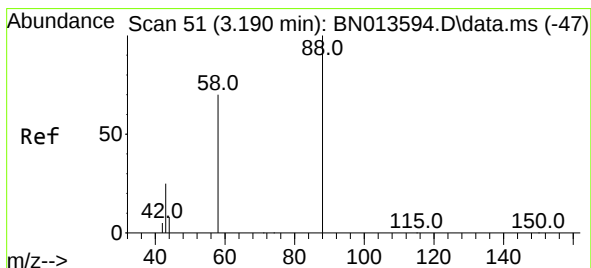
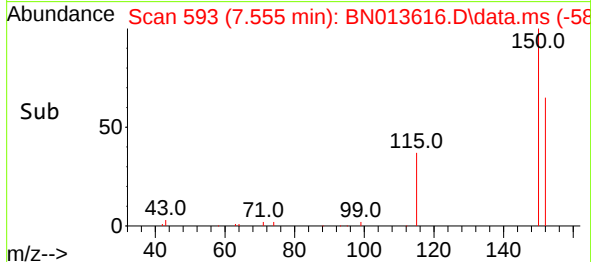
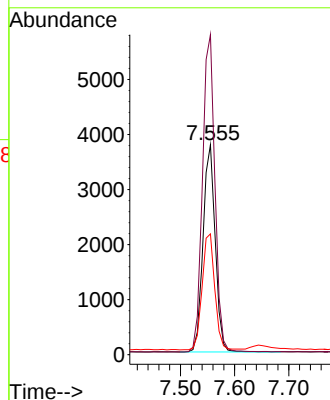
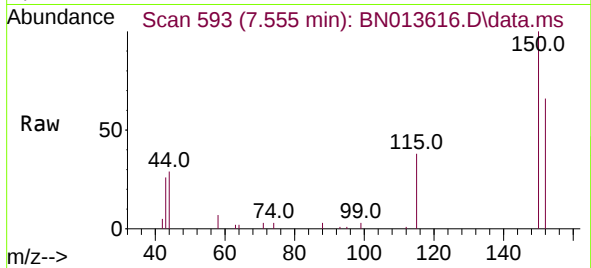




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.555 min Scan# 593
 Delta R.T. 0.000 min
 Lab File: BN013616.D
 Acq: 12 Feb 2021 17:16

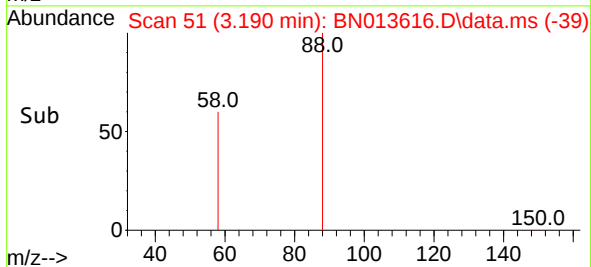
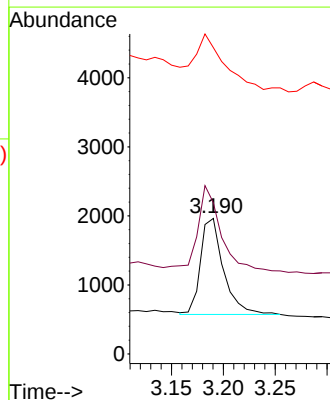
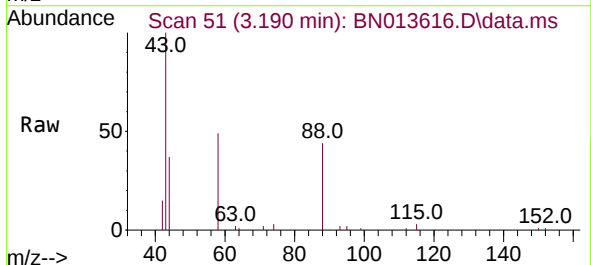
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-398-400

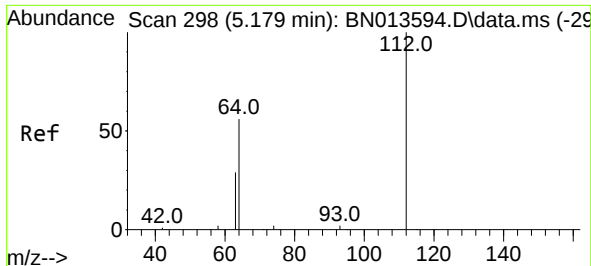
Tgt Ion:	152	Resp:	5859
Ion	Ratio	Lower	Upper
152	100		
150	152.5	121.8	182.8
115	57.6	46.6	69.8



#2
 1,4-Dioxane
 Concen: 0.33 ng
 RT: 3.190 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN013616.D
 Acq: 12 Feb 2021 17:16

Tgt Ion:	88	Resp:	2151
Ion	Ratio	Lower	Upper
88	100		
58	87.0	64.6	96.8
43	69.8	26.6	40.0

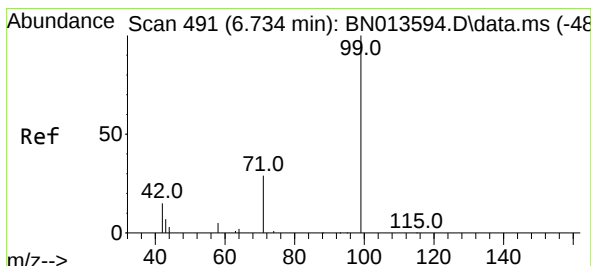
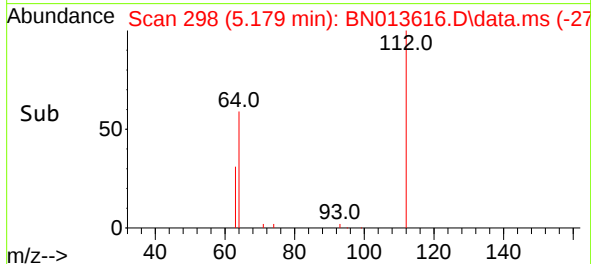
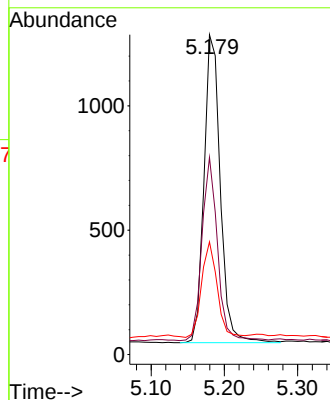
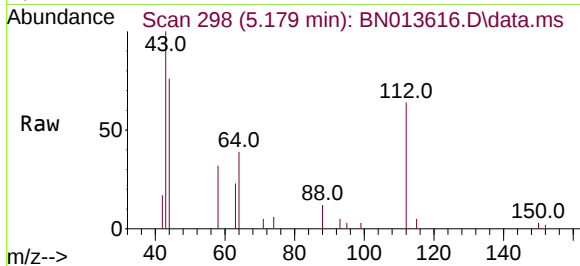




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.179 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

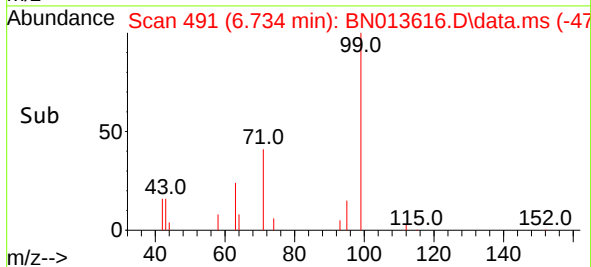
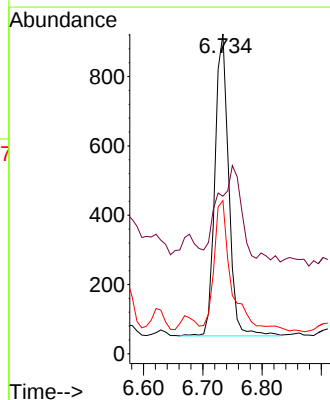
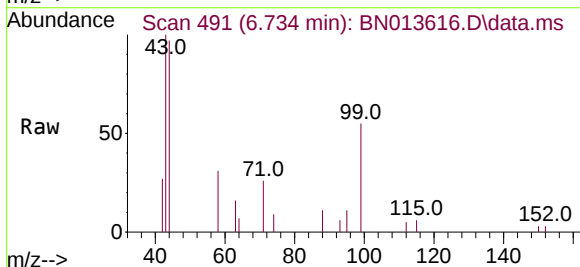
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ClientSampleId :
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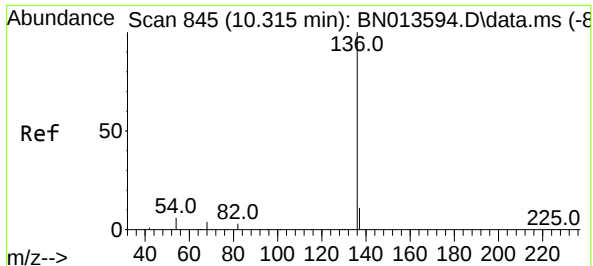
Tgt Ion:	112	Resp:	1919
Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.3	66.5
63	29.7	23.0	34.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion:	99	Resp:	1404
Ion	Ratio	Lower	Upper
99	100		
42	49.4	15.2	22.8#
71	56.4	26.1	39.1#

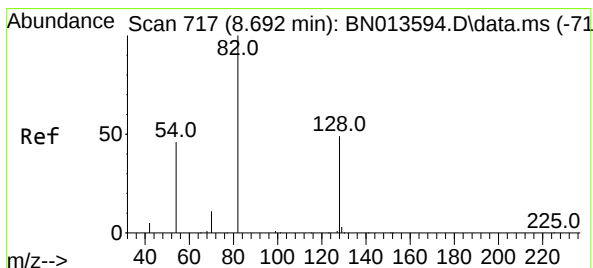
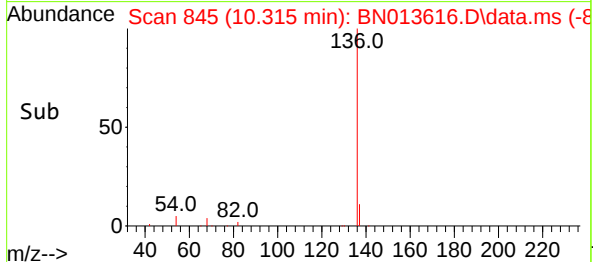
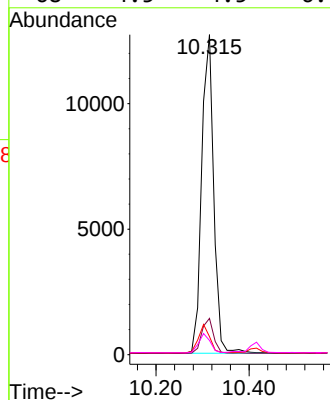
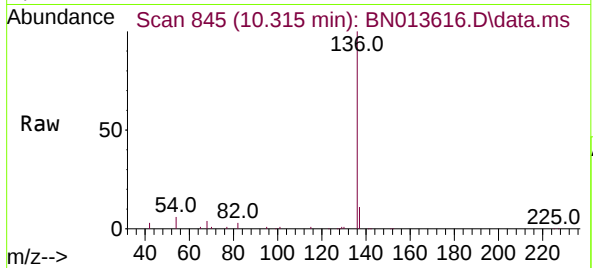




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

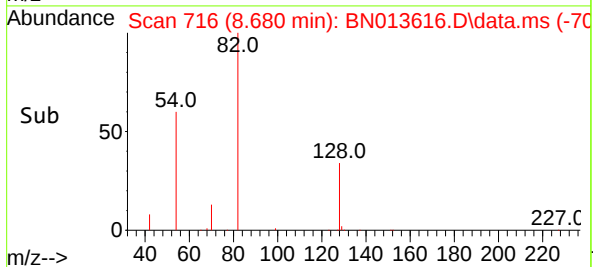
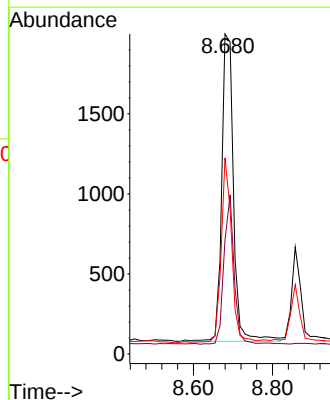
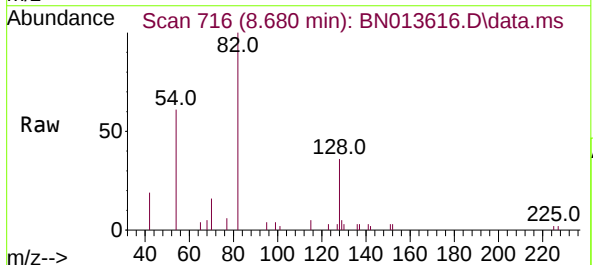
Instrument :
BNA_N
ClientSampleId :
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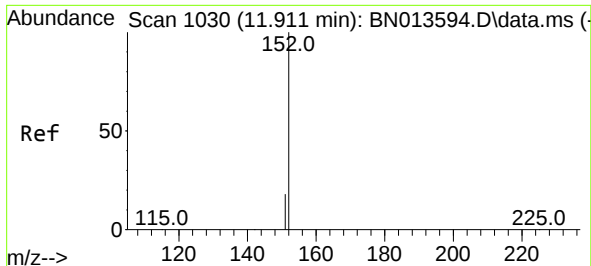
Tgt Ion:136	Resp:	22836
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	5.6	6.4 9.6#
68	4.5	4.5 6.7#



#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.013 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion: 82	Resp:	3960
Ion Ratio	Lower	Upper
82	100	
128	35.6	39.2 58.8#
54	61.3	40.1 60.1#

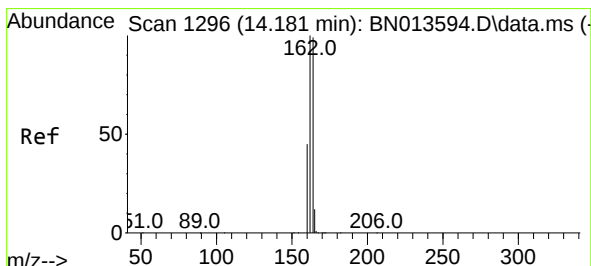
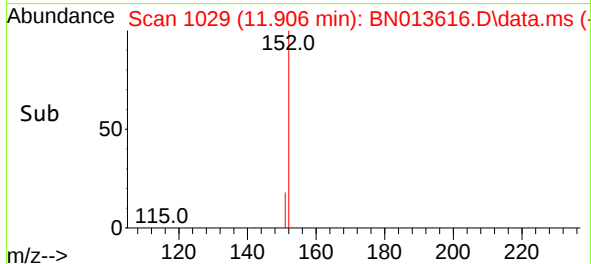
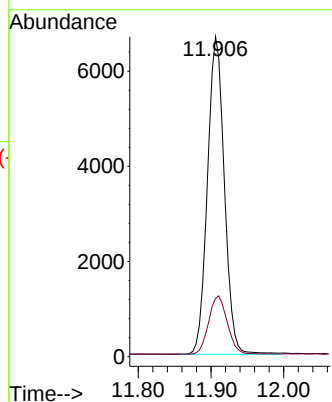
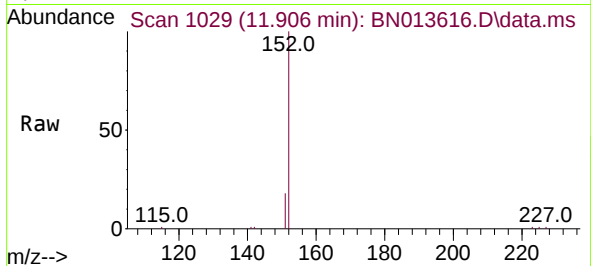




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

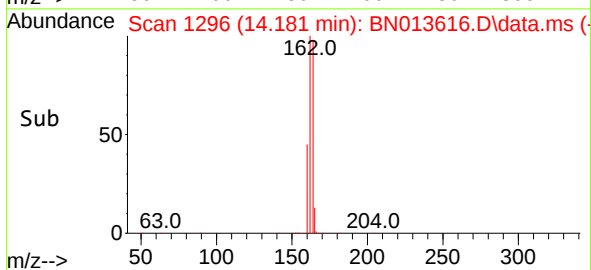
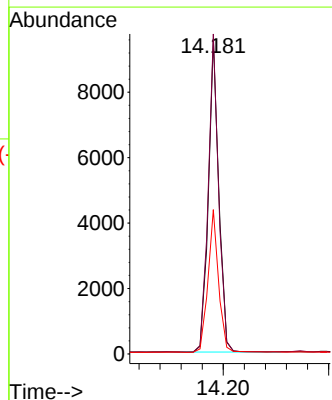
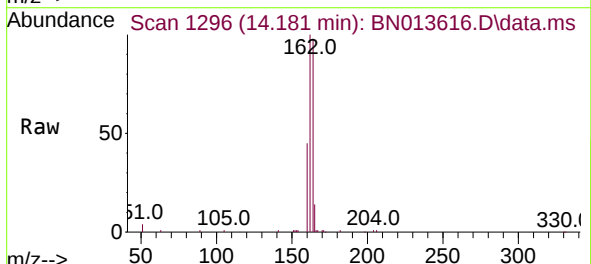
Instrument :
BNA_N
ClientSampleId :
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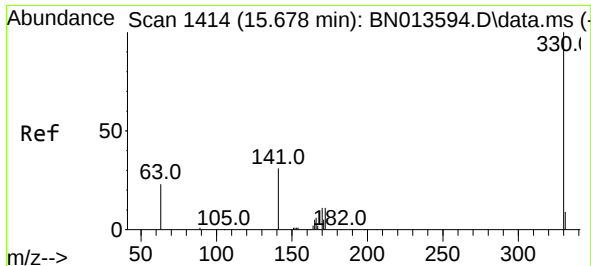
Tgt Ion:152 Resp: 10774
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion:164 Resp: 13105
Ion Ratio Lower Upper
164 100
162 101.5 79.6 119.4
160 45.8 36.0 54.0

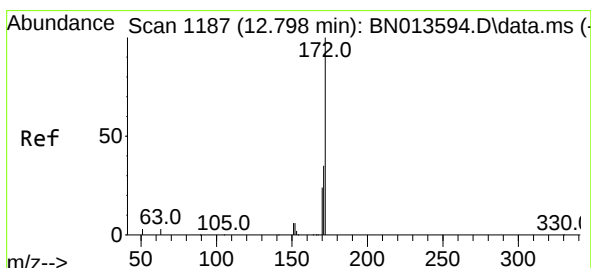
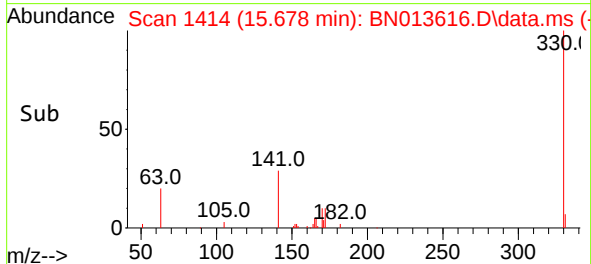
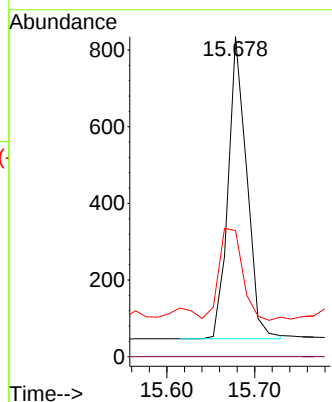
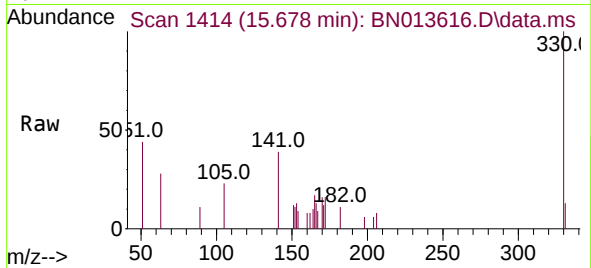




#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

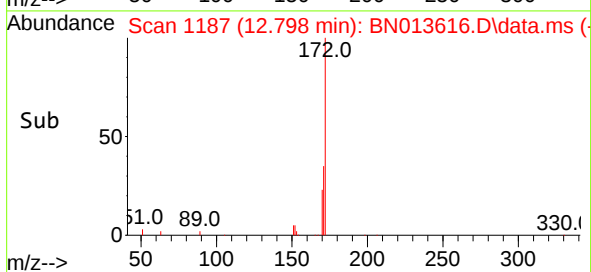
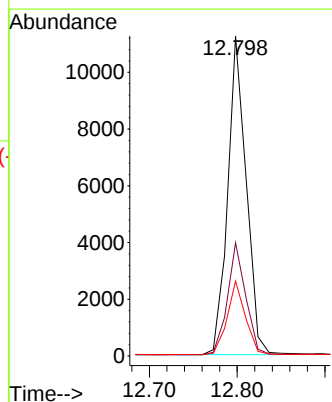
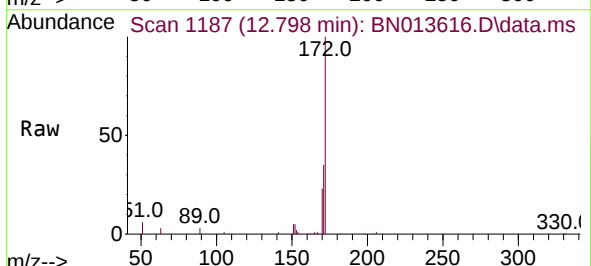
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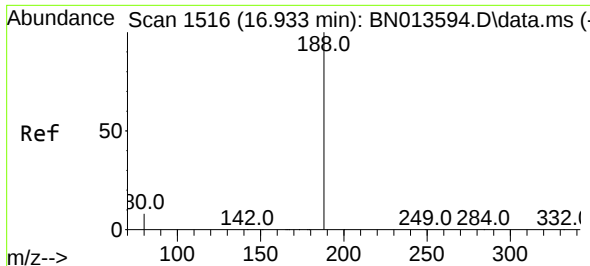
Tgt Ion:330 Resp: 1158
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.4 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion:172 Resp: 16417
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 18.9 28.3

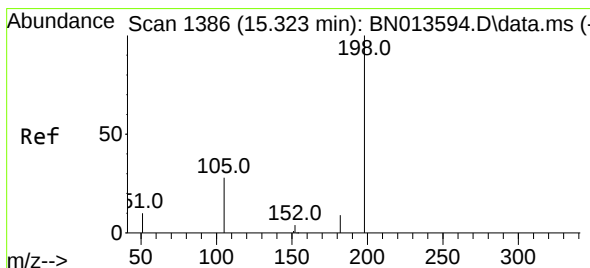
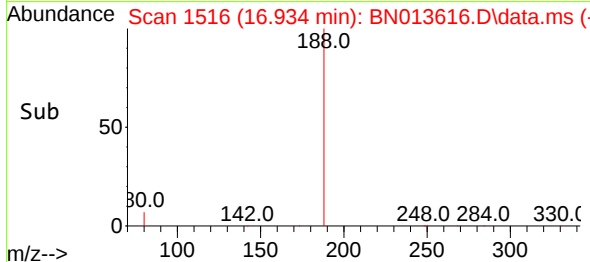
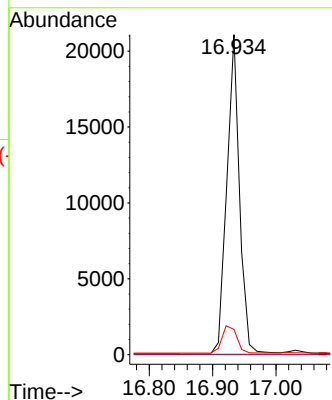
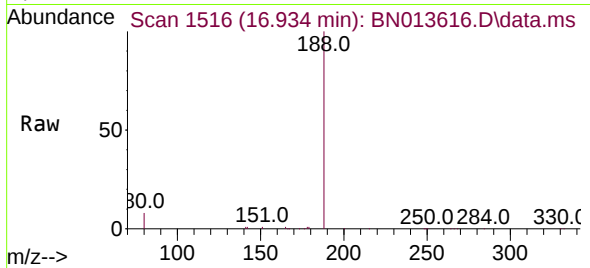




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

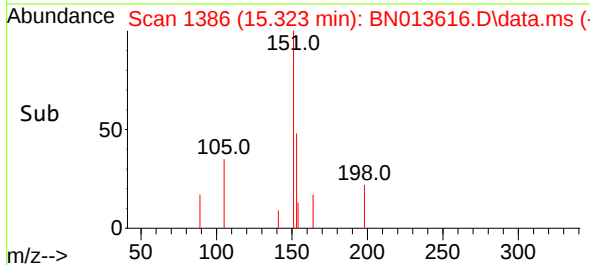
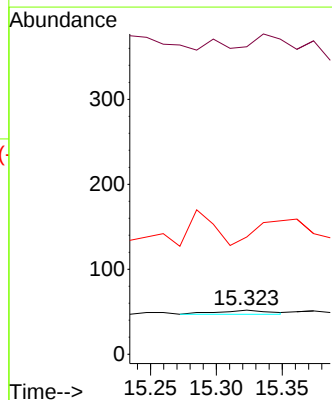
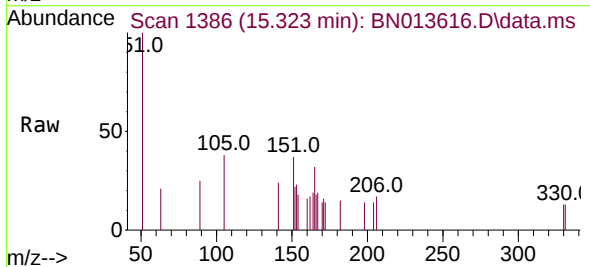
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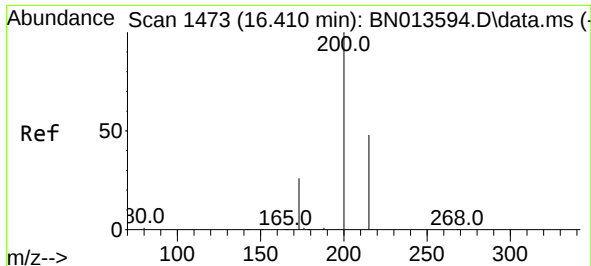
Tgt Ion:188 Resp: 29109
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 9.0 13.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.323 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 696.2 61.7 92.5#
105 265.4 33.0 49.6#

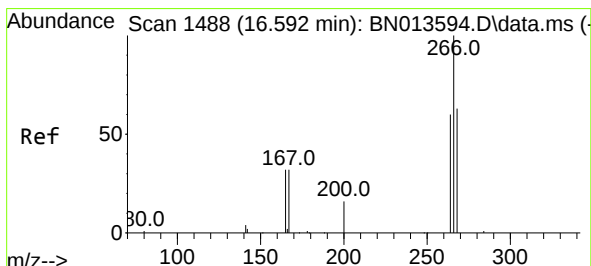
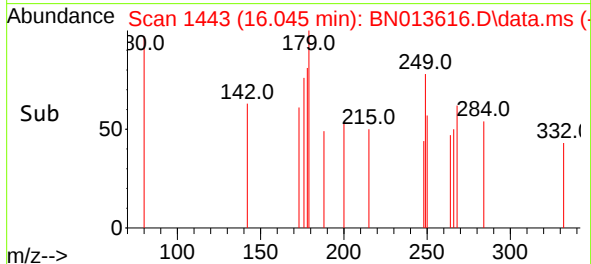
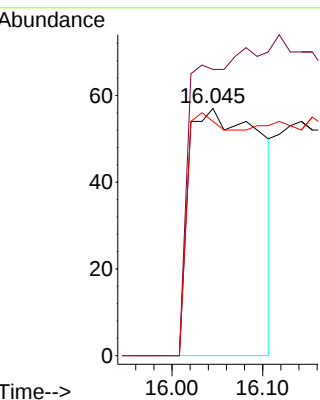
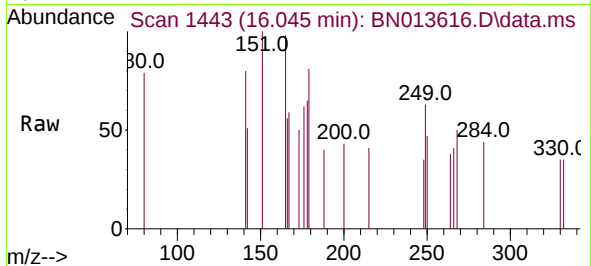




#23
Atrazine
Concen: 0.03 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.365 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

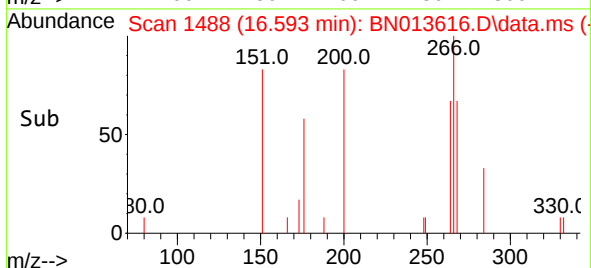
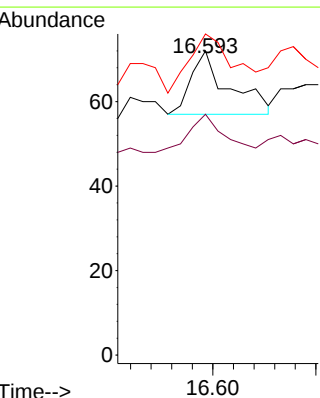
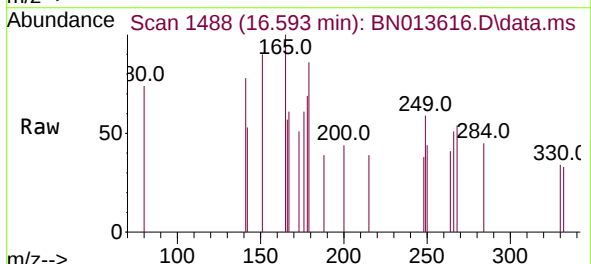
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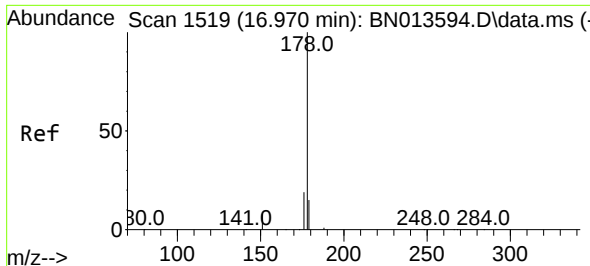
Tgt Ion:200 Resp: 314
Ion Ratio Lower Upper
200 100
173 115.8 18.6 28.0#
215 94.7 41.0 61.6#



#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
264 55.3 51.6 77.4
268 110.5 54.6 82.0#

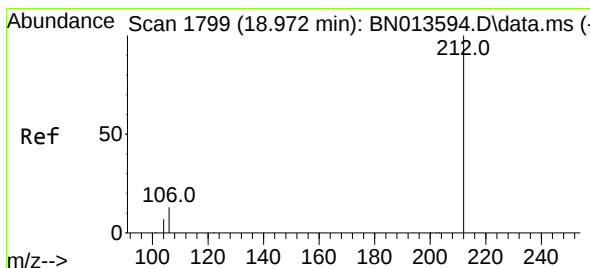
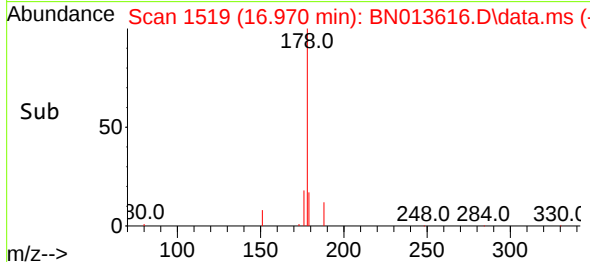
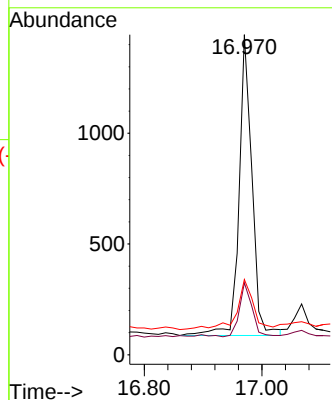
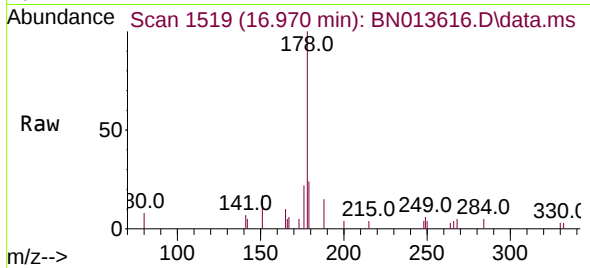




#25
Phenanthrene
Concen: 0.03 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.001 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

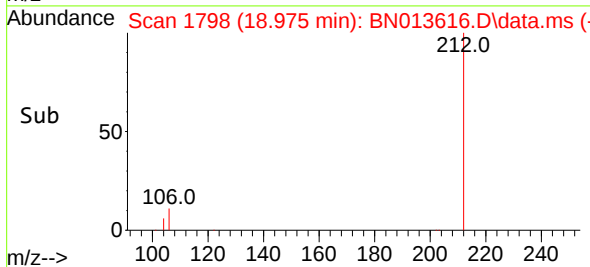
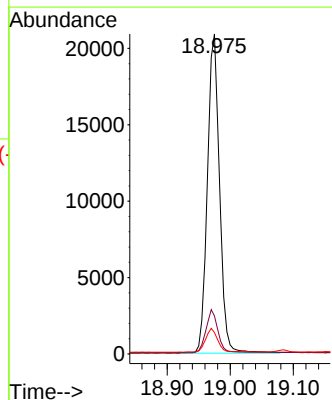
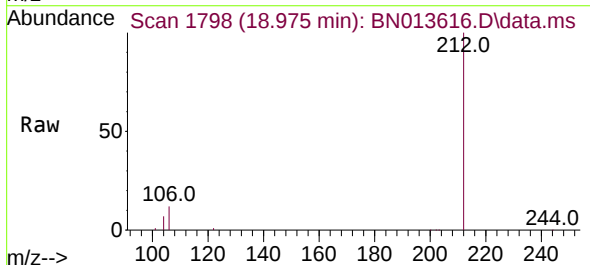
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-398-400

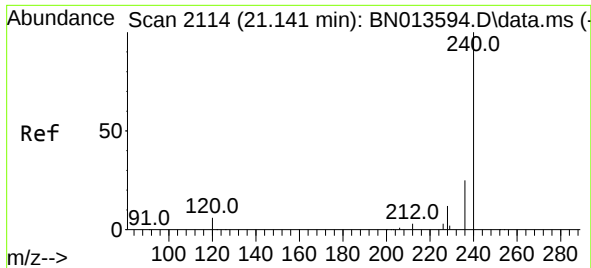
Tgt Ion:178	Resp:	2058
Ion Ratio	Lower	Upper
178	100	
176	17.8	15.0 22.4
179	21.4	12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion:212	Resp:	27866
Ion Ratio	Lower	Upper
212	100	
106	13.2	9.7 14.5
104	7.3	5.5 8.3

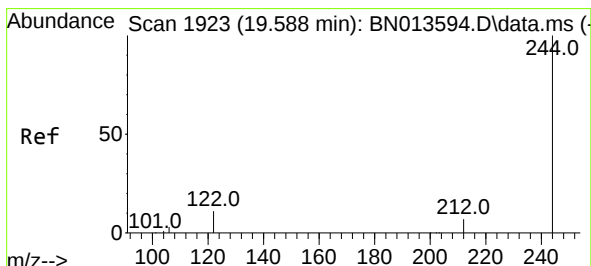
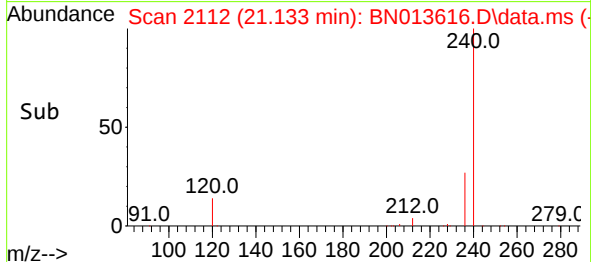
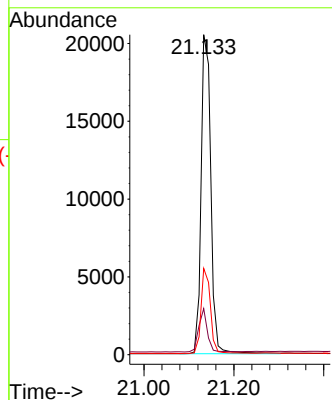
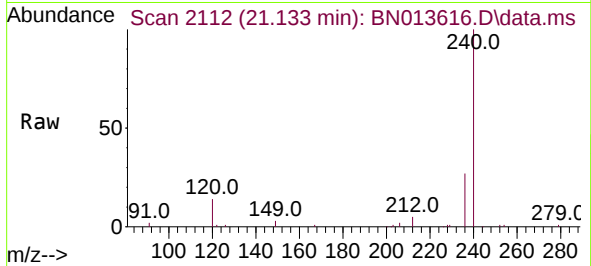




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

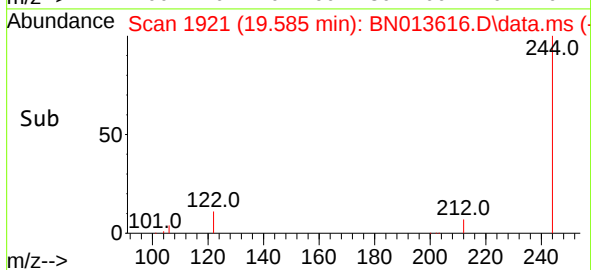
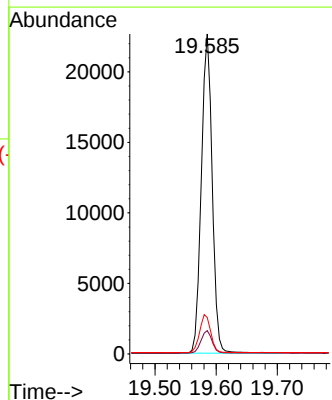
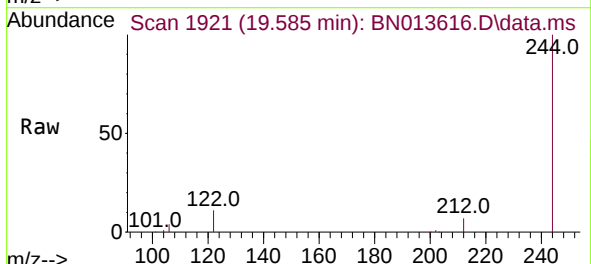
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-398-400

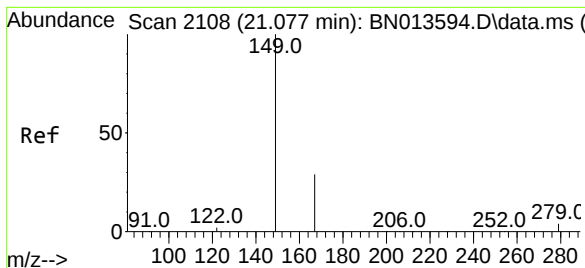
Tgt Ion:240 Resp: 30811
Ion Ratio Lower Upper
240 100
120 14.4 10.2 15.4
236 26.9 21.3 31.9



#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.585 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013616.D
Acq: 12 Feb 2021 17:16

Tgt Ion:244 Resp: 27909
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.4 9.8 14.8

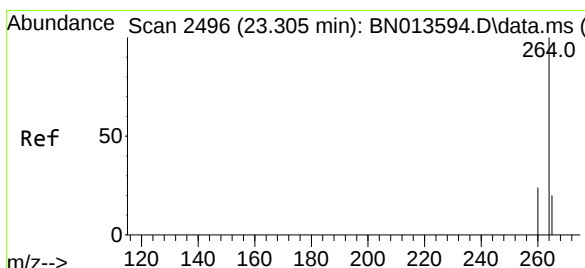
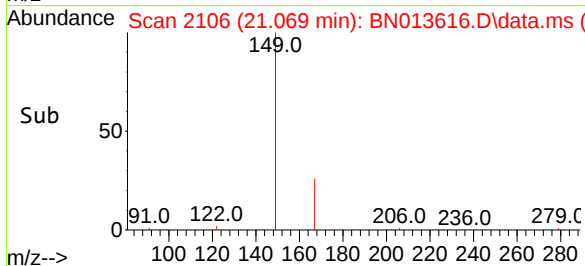
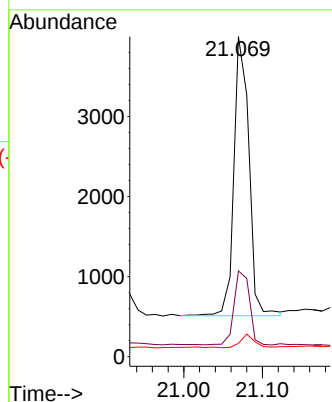
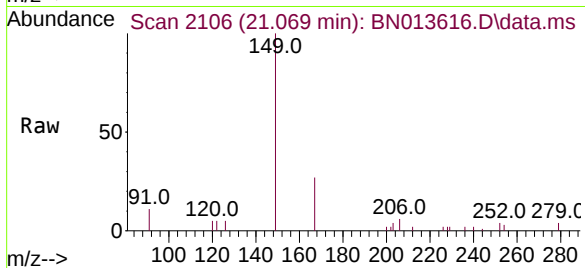




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 21.069 min Scan# 2106
 Delta R.T. -0.008 min
 Lab File: BN013616.D
 Acq: 12 Feb 2021 17:16

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-398-400

Tgt Ion:149 Resp: 4629
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.1 33.1
 279 4.4 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: BN013616.D
 Acq: 12 Feb 2021 17:16

Tgt Ion:264 Resp: 29030
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 30.3 66.2 99.4#

