

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
 Data File : BN017486.D
 Acq On : 17 Nov 2021 00:41
 Operator : CG/JU
 Sample : M4668-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-723-725

Quant Time: Nov 17 01:20:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

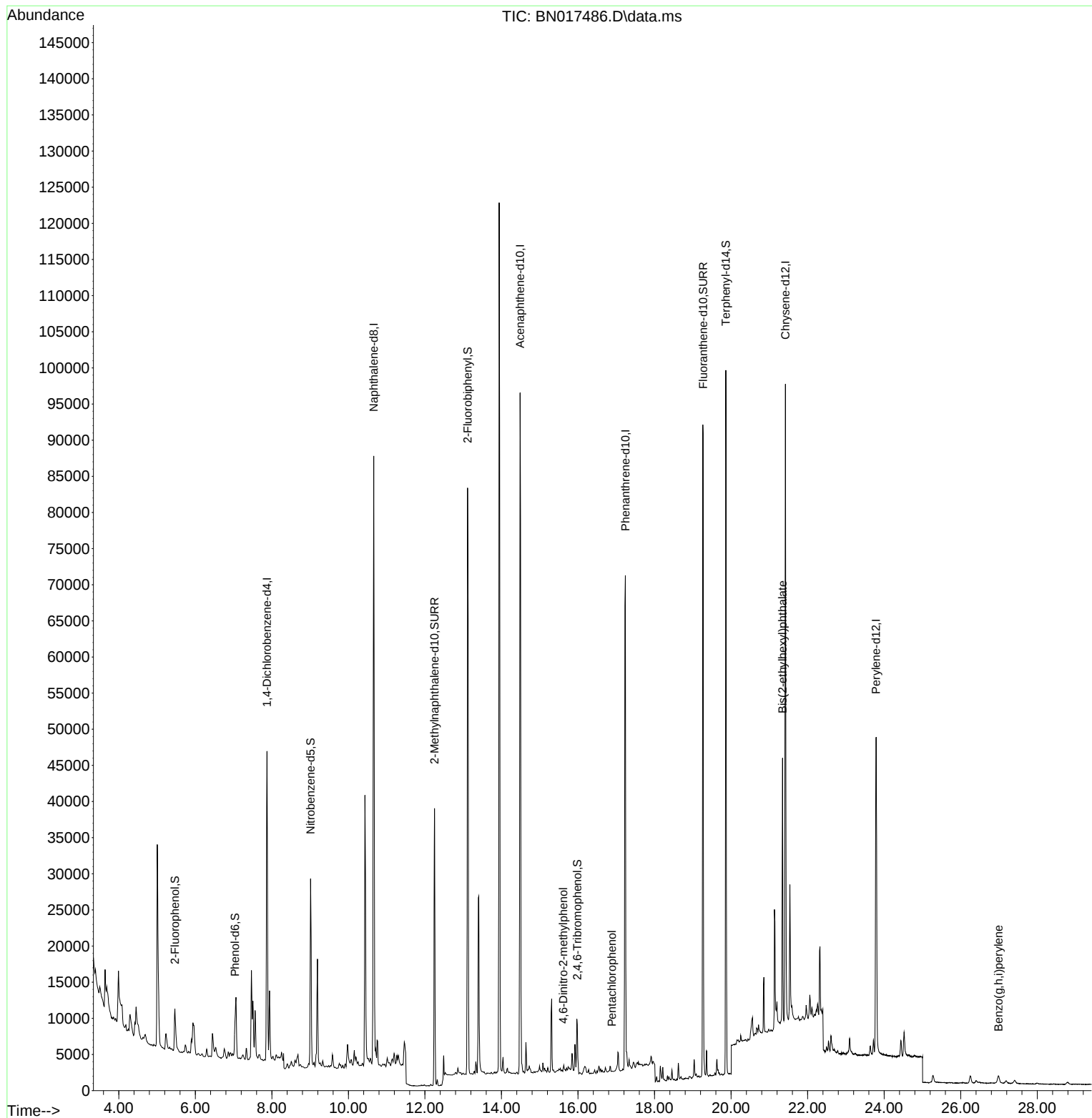
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	24823	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	111465	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	59338	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	105415	0.400	ng	0.00
29) Chrysene-d12	21.419	240	81304	0.400	ng	# 0.00
35) Perylene-d12	23.786	264	64423	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.467	112	7274	0.123	ng	0.02
5) Phenol-d6	7.035	99	4604	0.072	ng	0.00
8) Nitrobenzene-d5	9.013	82	22420	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	50893	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	5836	0.387	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	73590	0.329	ng	-0.01
27) Fluoranthene-d10	19.267	212	105201	0.334	ng	0.00
31) Terphenyl-d14	19.863	244	92864	0.465	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.614	198	5	0.090	ng	# 1
24) Pentachlorophenol	16.884	266	40	0.091	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.345	149	33887	0.258	ng	99
41) Benzo(g,h,i)perylene	26.983	276	2879	0.021	ng	# 68

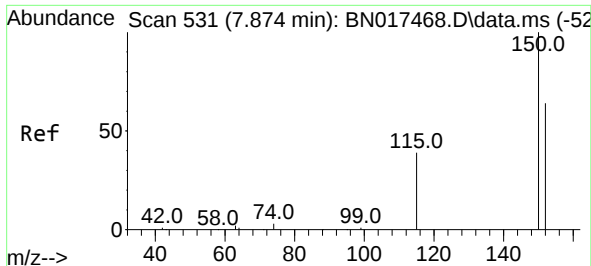
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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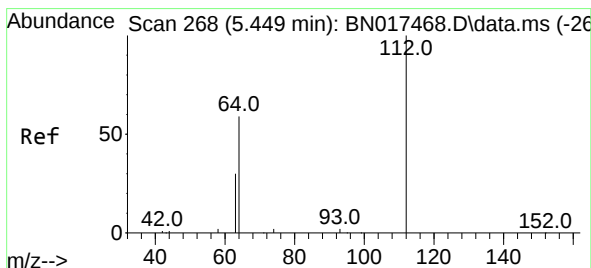
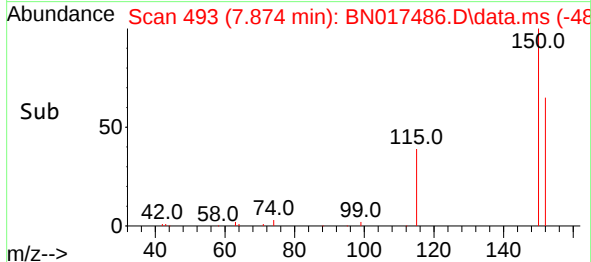
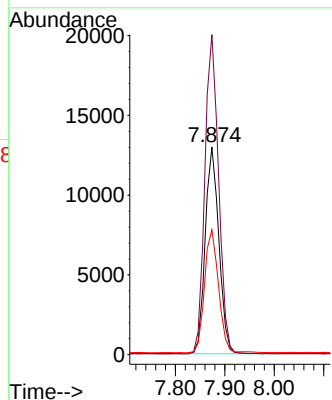
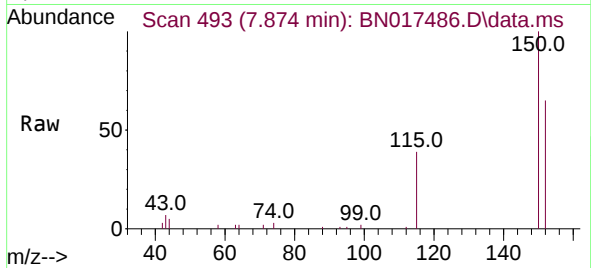




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

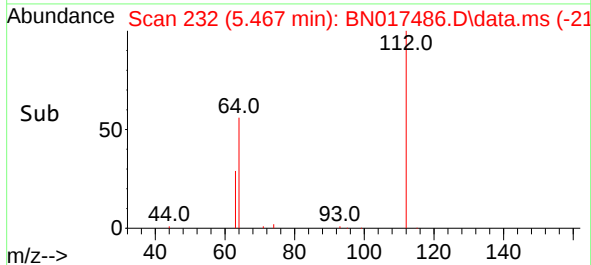
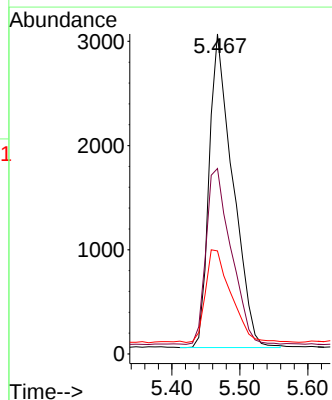
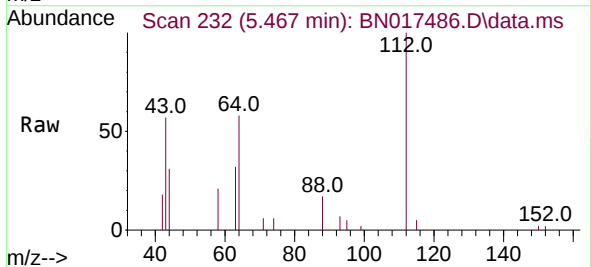
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-723-725

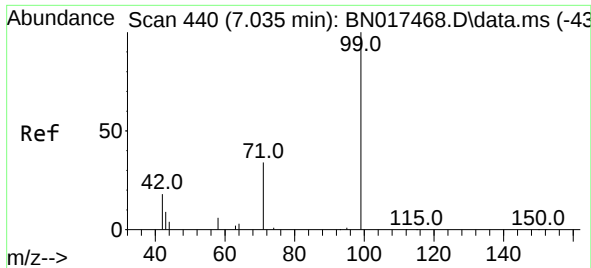
Tgt Ion:152 Resp: 24823
Ion Ratio Lower Upper
152 100
150 154.2 123.0 184.4
115 60.2 45.6 68.4



#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.467 min Scan# 232
Delta R.T. 0.018 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion:112 Resp: 7274
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 31.9 24.6 37.0

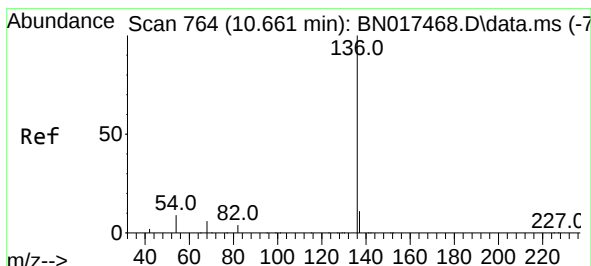
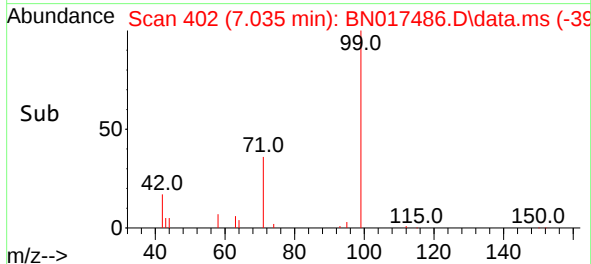
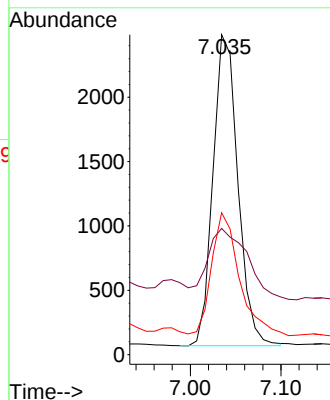
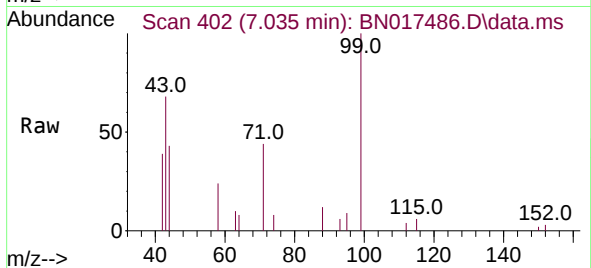




#5
Phenol-d6
Concen: 0.072 ng
RT: 7.035 min Scan# 440
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

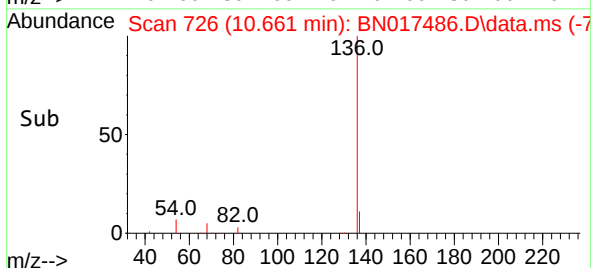
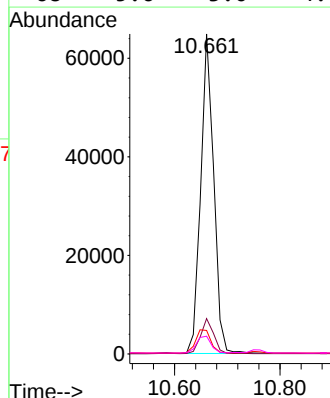
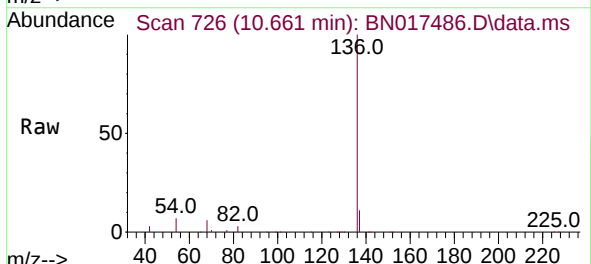
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-723-725

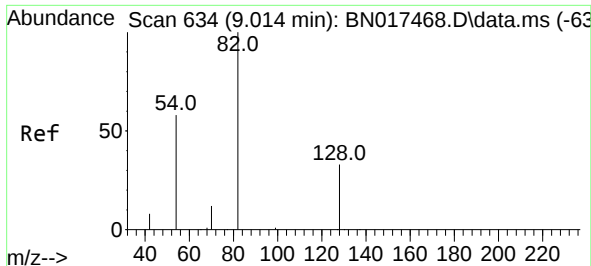
Tgt Ion: 99 Resp: 4604
Ion Ratio Lower Upper
99 100
42 33.6 17.0 25.6#
71 42.5 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 726
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion: 136 Resp: 111465
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 4.0 6.0#
68 5.6 3.0 4.6#

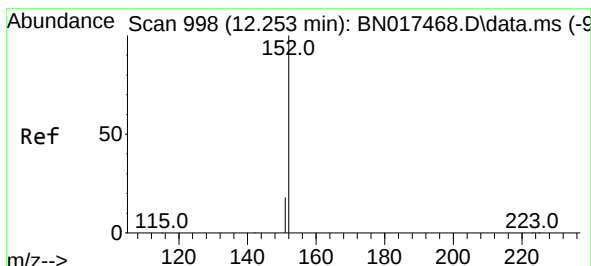
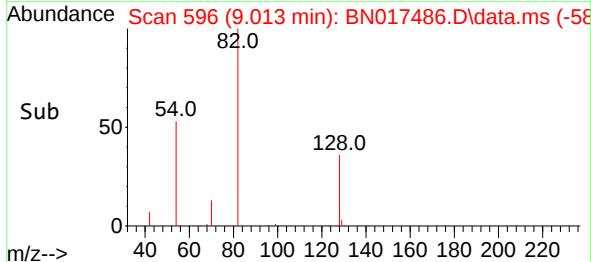
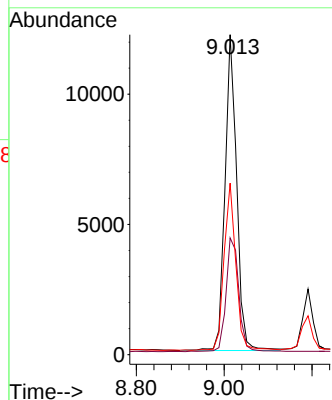
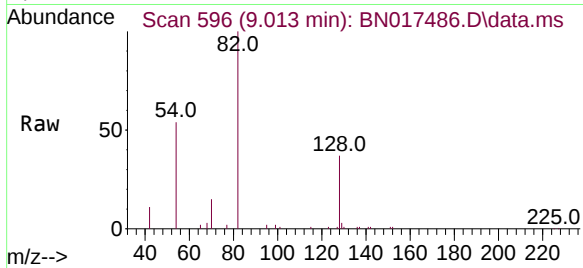




#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 9.013 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

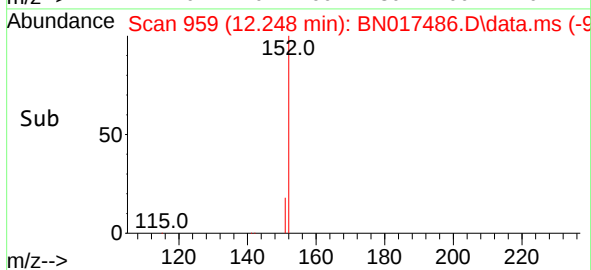
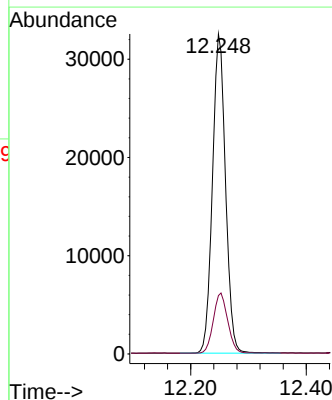
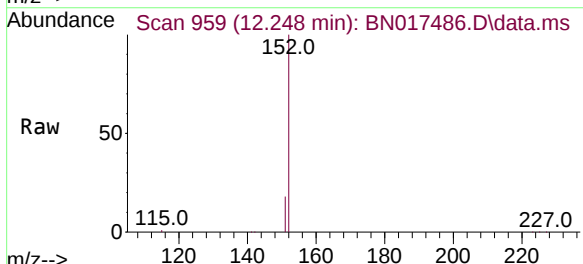
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-723-725

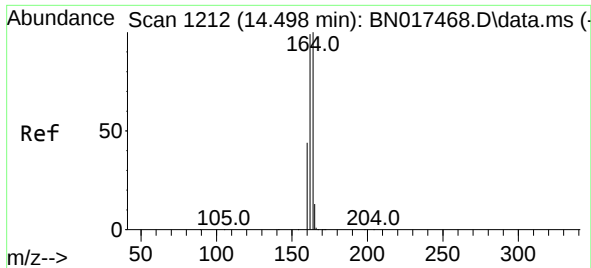
Tgt Ion: 82 Resp: 22420
Ion Ratio Lower Upper
82 100
128 36.5 27.7 41.5
54 53.6 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.248 min Scan# 959
Delta R.T. -0.005 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion: 152 Resp: 50893
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4

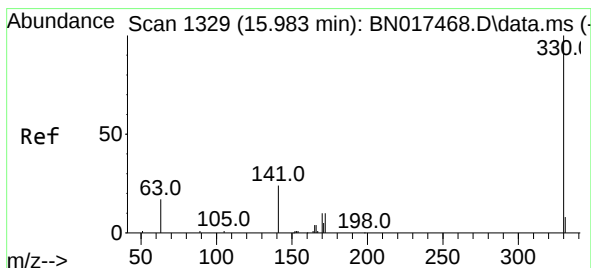
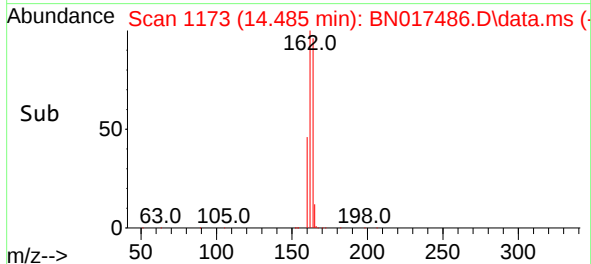
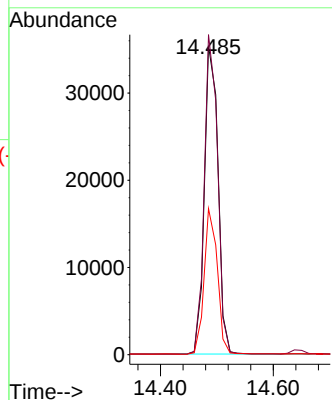
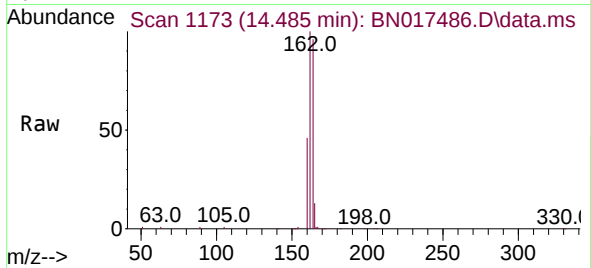




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

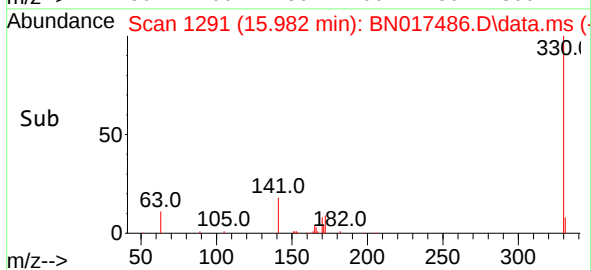
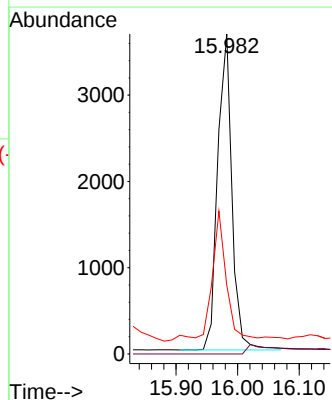
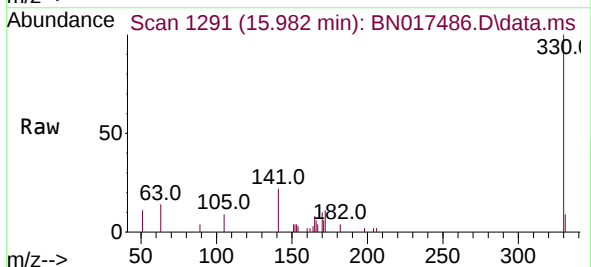
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-723-725

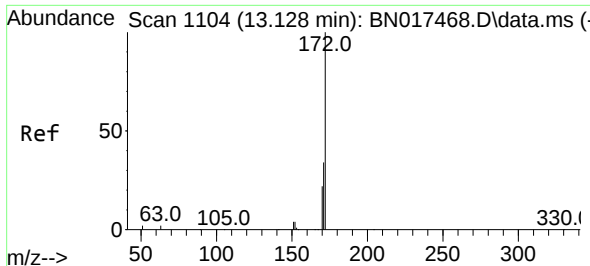
Tgt Ion:164 Resp: 59338
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.2
160 47.3 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.982 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion:330 Resp: 5836
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.0 28.9 43.3

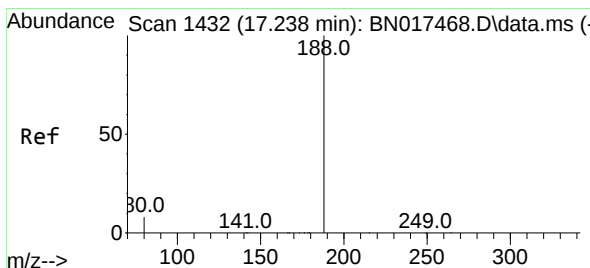
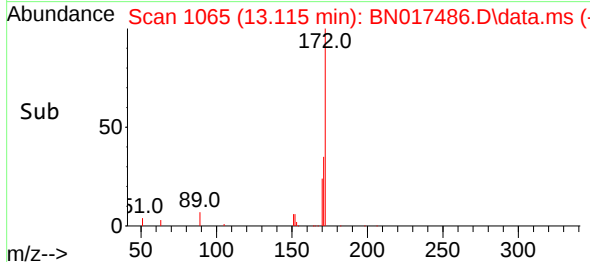
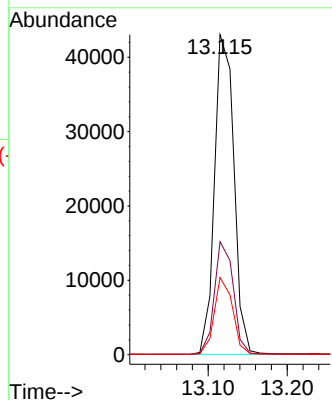
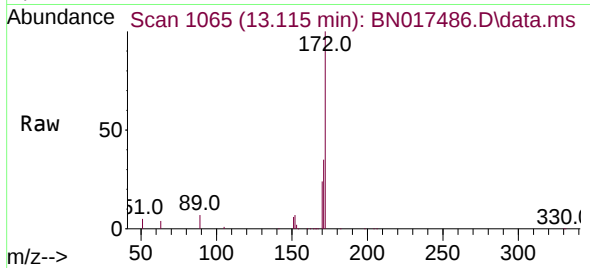




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.115 min Scan# 1065
Delta R.T. -0.013 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

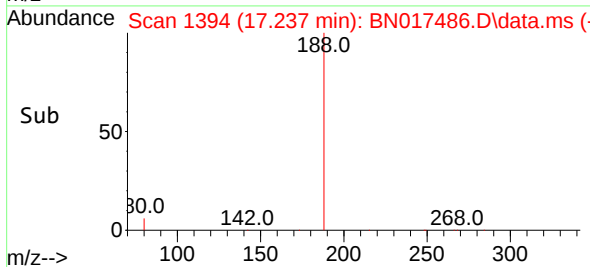
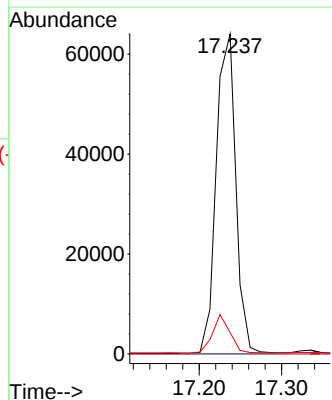
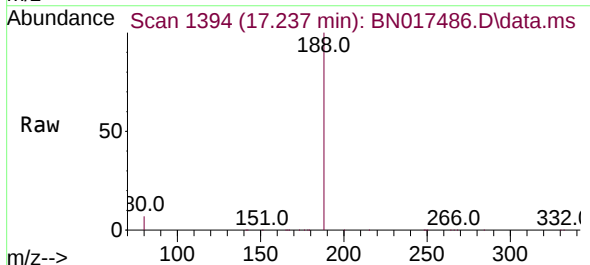
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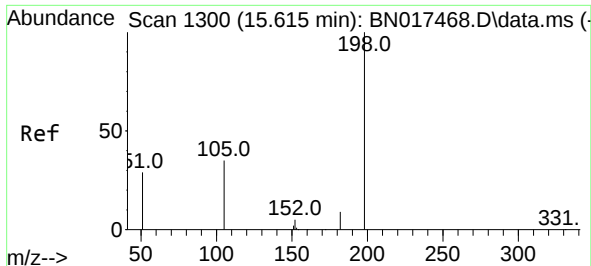
Tgt Ion:172 Resp: 73590
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.1 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1394
Delta R.T. -0.001 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion:188 Resp: 105415
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.1 9.1

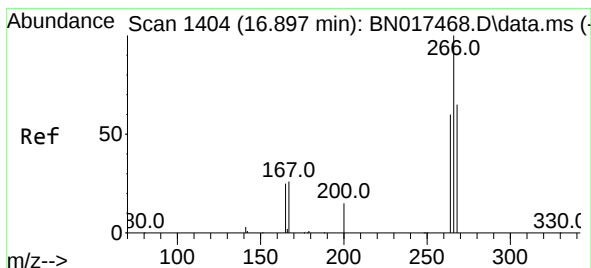
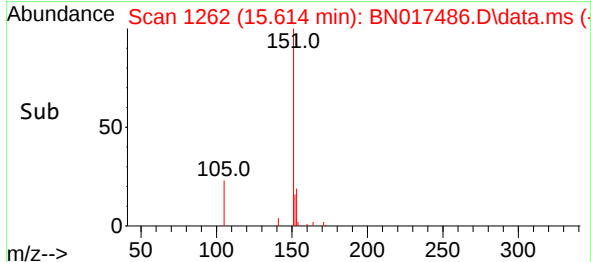
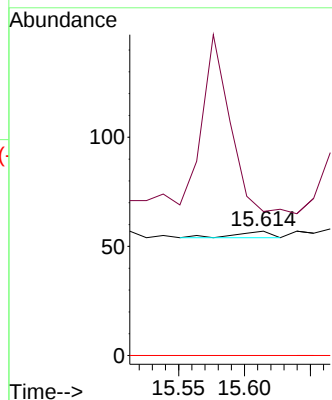
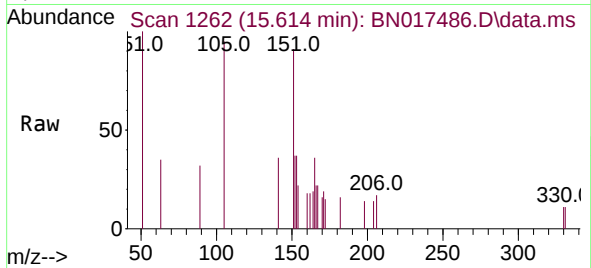




#20
4,6-Dinitro-2-methylphenol
Concen: 0.090 ng
RT: 15.614 min Scan# 1300
Delta R.T. -0.001 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

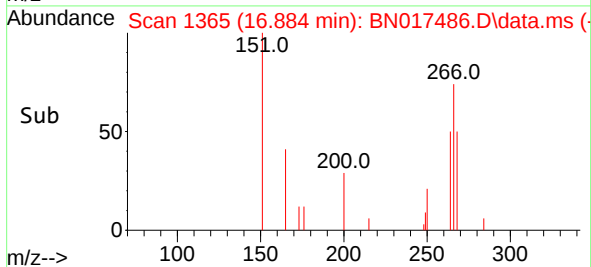
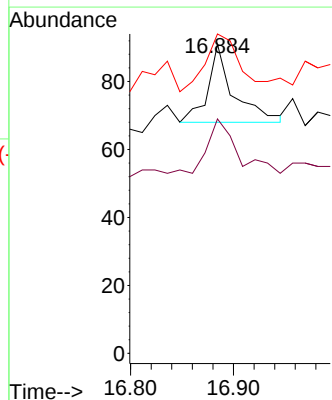
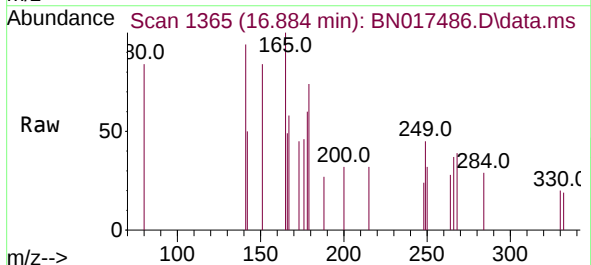
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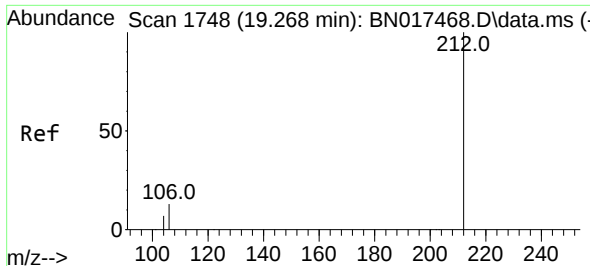
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 115.8 11.4 17.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.091 ng
RT: 16.884 min Scan# 1365
Delta R.T. -0.013 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion:266 Resp: 40
Ion Ratio Lower Upper
266 100
264 77.5 49.8 74.8#
268 100.0 51.3 76.9#

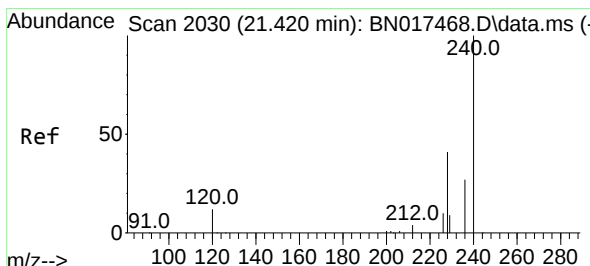
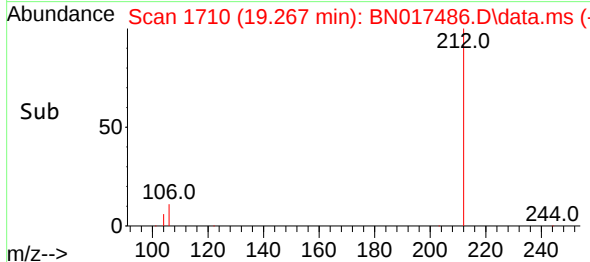
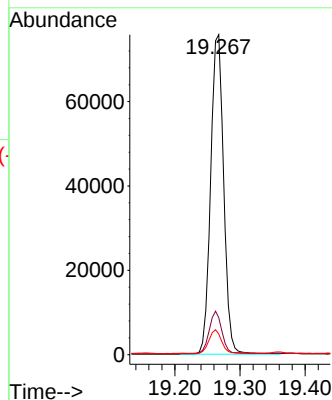
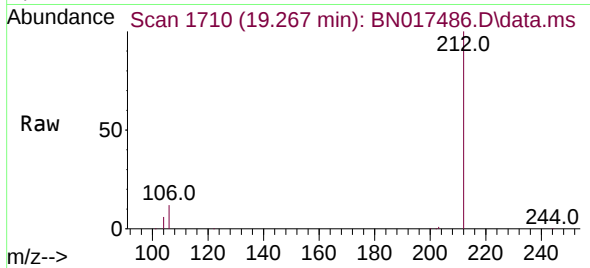




#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.267 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

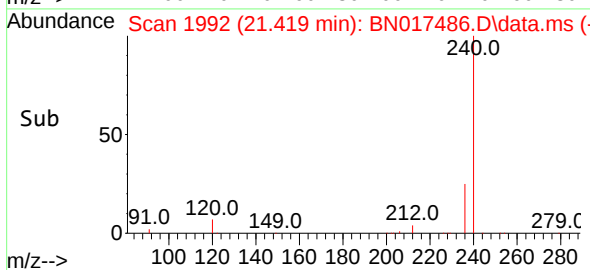
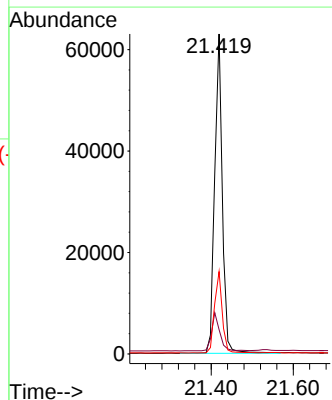
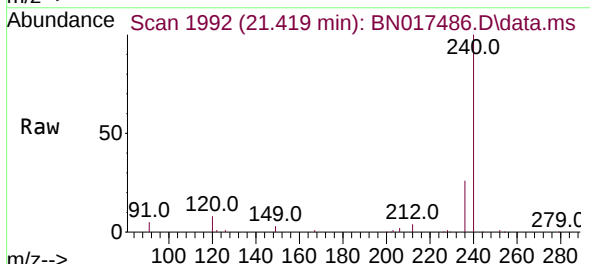
Instrument :
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BP-VPB-RW9-GW-723-725

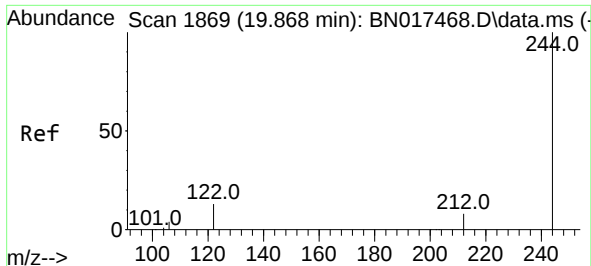
Tgt Ion:212 Resp: 105201
Ion Ratio Lower Upper
212 100
106 12.6 10.5 15.7
104 7.1 5.8 8.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.419 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion:240 Resp: 81304
Ion Ratio Lower Upper
240 100
120 7.6 4.2 6.2#
236 25.8 20.0 30.0

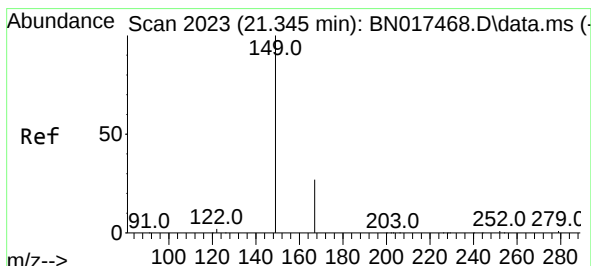
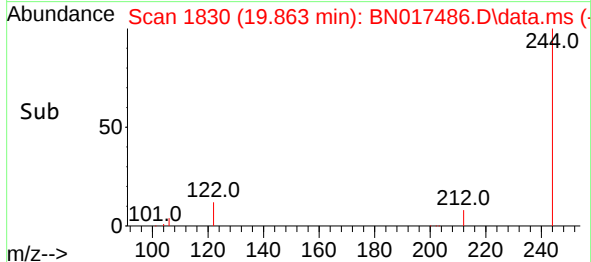
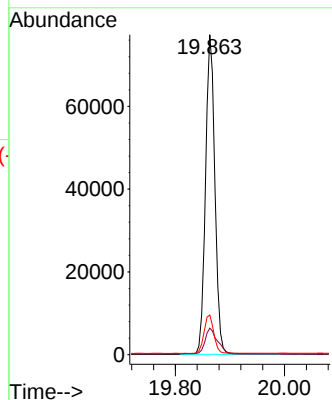
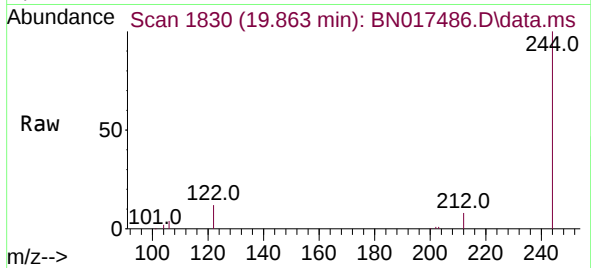




#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.863 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

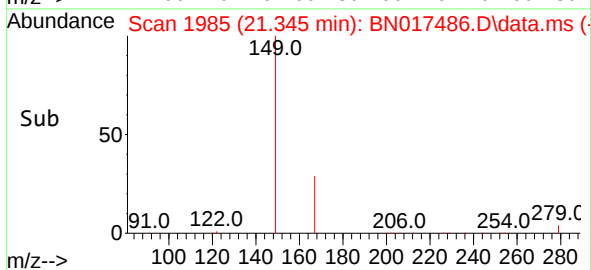
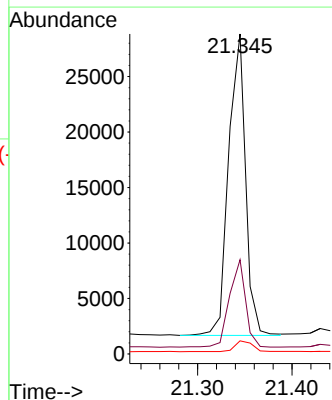
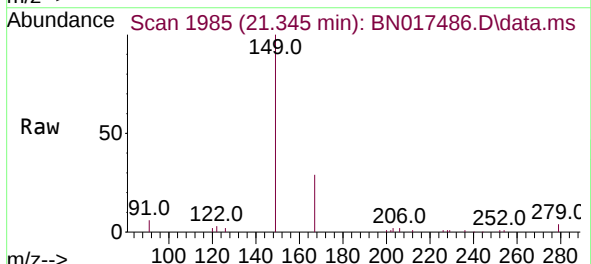
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-723-725

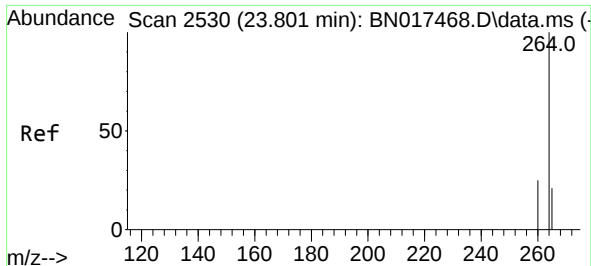
Tgt Ion:244 Resp: 92864
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 12.4 8.6 13.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.258 ng
RT: 21.345 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017486.D
Acq: 17 Nov 2021 00:41

Tgt Ion:149 Resp: 33887
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.6
279 3.9 3.4 5.0

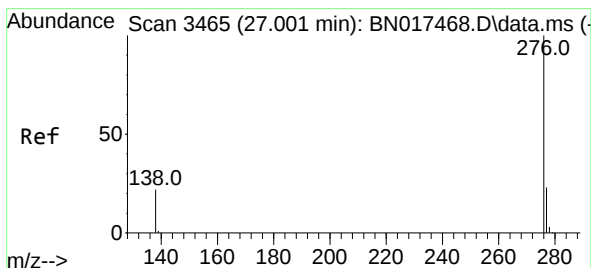
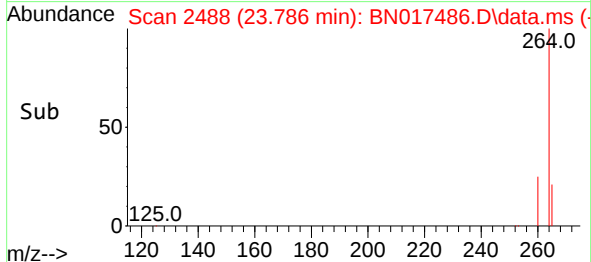
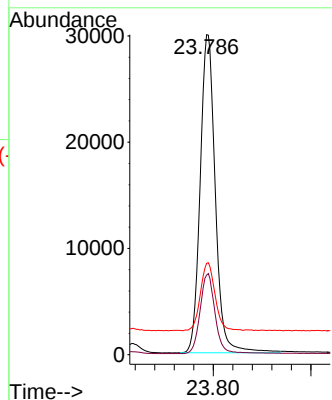
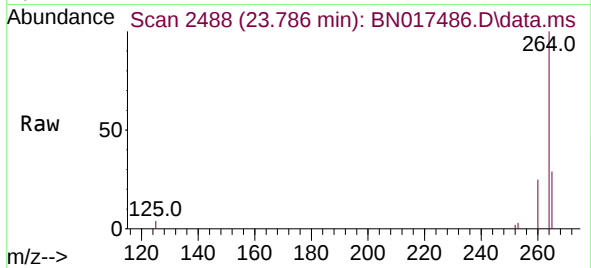




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.786 min Scan# 24
 Delta R.T. -0.014 min
 Lab File: BN017486.D
 Acq: 17 Nov 2021 00:41

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-723-725

Tgt Ion:264 Resp: 64423
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 28.6 18.6 28.0#



#41
 Benzo(g,h,i)perylene
 Concen: 0.021 ng
 RT: 26.983 min Scan# 3422
 Delta R.T. -0.018 min
 Lab File: BN017486.D
 Acq: 17 Nov 2021 00:41

Tgt Ion:276 Resp: 2879
 Ion Ratio Lower Upper
 276 100
 277 34.0 19.0 28.4#
 138 42.3 17.1 25.7#

