

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
 Data File : BN017204.D
 Acq On : 30 Oct 2021 07:25
 Operator : CG/JU
 Sample : M4360-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-278-280

Quant Time: Oct 30 08:06:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 30 00:49:11 2021
 Response via : Initial Calibration

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

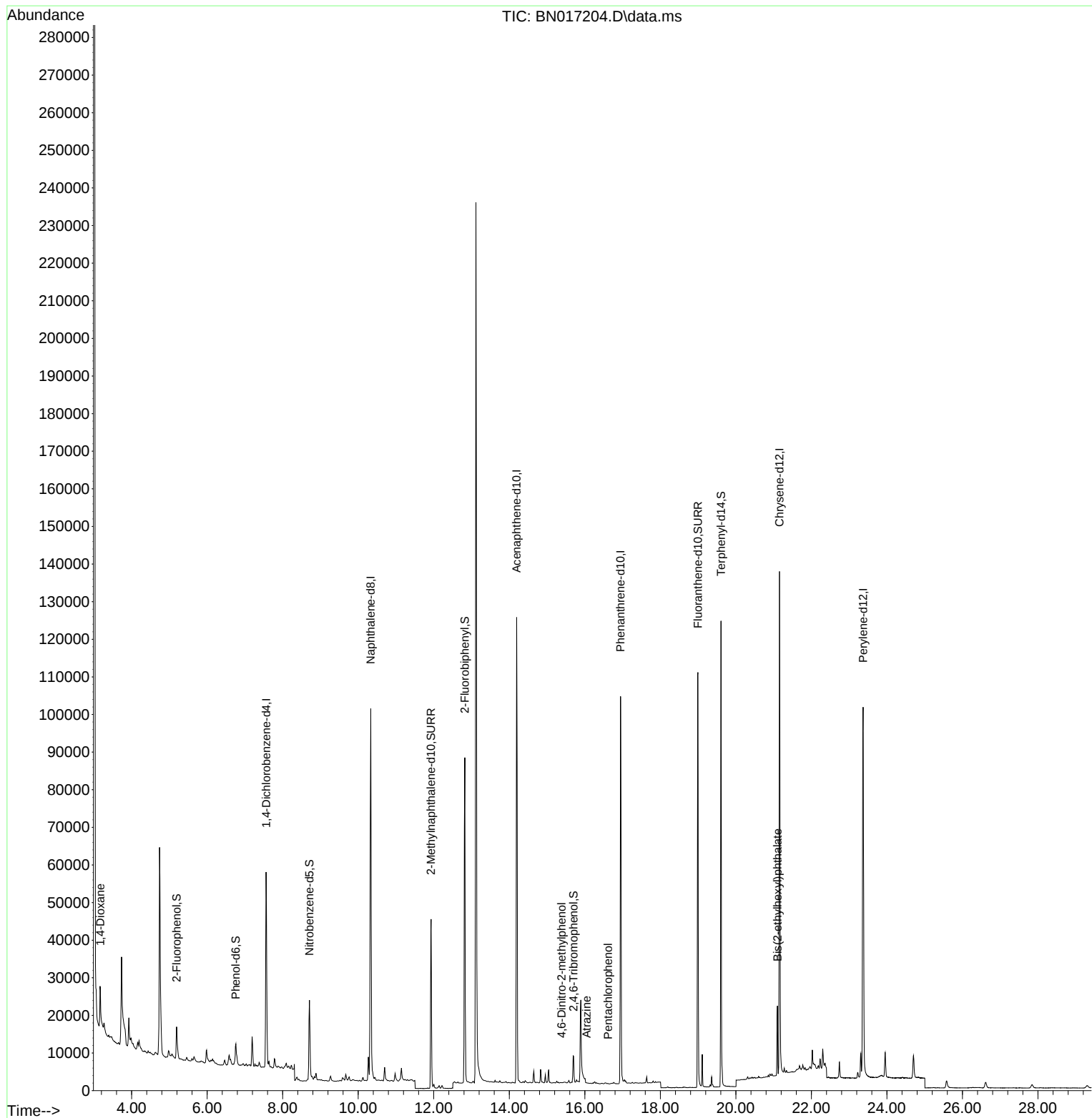
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	30335	0.400	ng	0.00
7) Naphthalene-d8	10.332	136	142180	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	73302	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	140603	0.400	ng	0.00
29) Chrysene-d12	21.154	240	133080	0.400	ng	#-0.01
35) Perylene-d12	23.369	264	134543	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	9675	0.142	ng	0.02
5) Phenol-d6	6.758	99	5863	0.078	ng	0.00
8) Nitrobenzene-d5	8.710	82	20987	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	11.928	152	61792	0.287	ng	0.00
14) 2,4,6-Tribromophenol	15.704	330	6294	0.324	ng	0.00
15) 2-Fluorobiphenyl	12.824	172	80960	0.295	ng	0.00
27) Fluoranthene-d10	18.995	212	130316	0.330	ng	0.00
31) Terphenyl-d14	19.605	244	121083	0.424	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.172	88	6191	0.383	ng	# 51
20) 4,6-Dinitro-2-methylph...	15.386	198	16	0.082	ng	# 1
23) Atrazine	16.045	200	207	0.096	ng	# 1
24) Pentachlorophenol	16.617	266	54	0.234	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.101	149	17932	0.246	ng	99

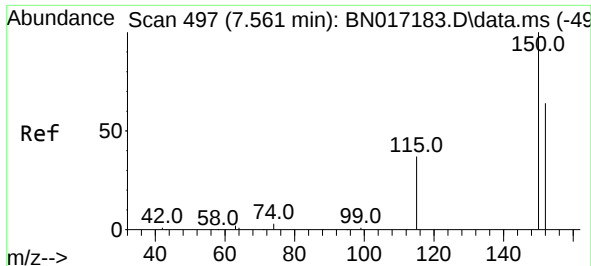
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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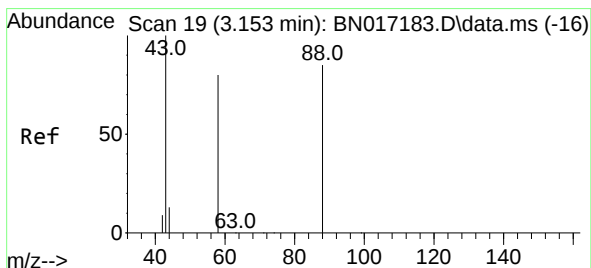
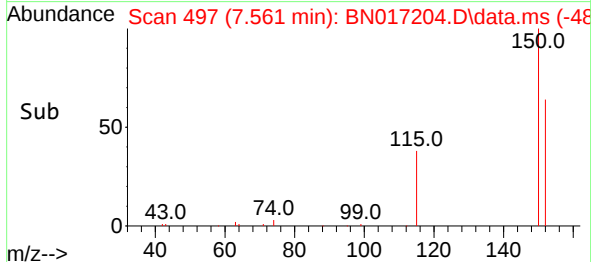
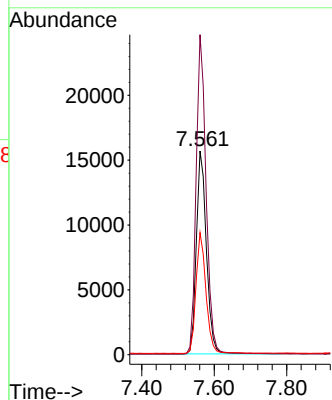
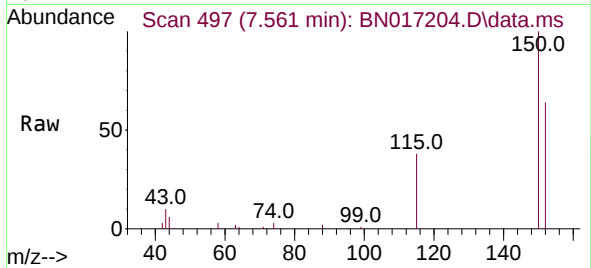




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.561 min Scan# 497
 Delta R.T. -0.000 min
 Lab File: BN017204.D
 Acq: 30 Oct 2021 07:25

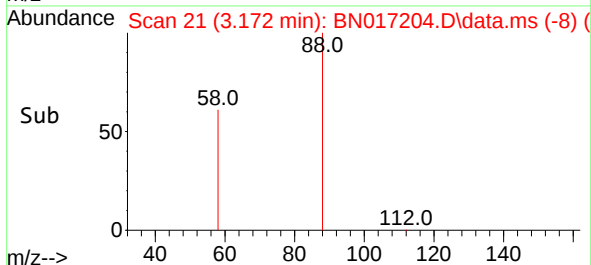
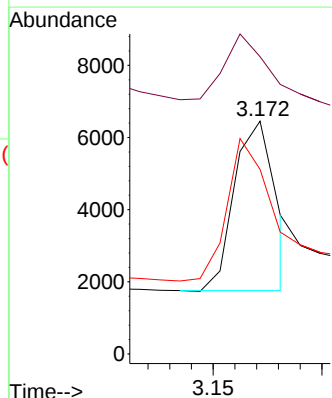
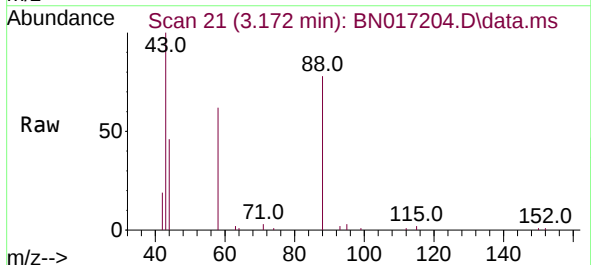
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-278-280

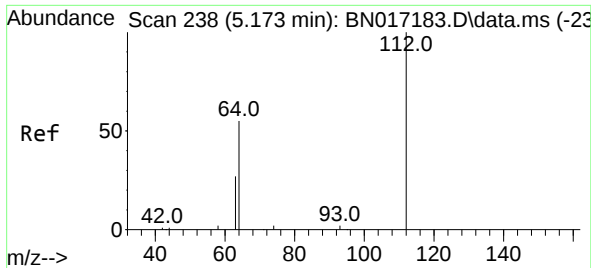
Tgt Ion:152 Resp: 30335
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 187.0
 115 59.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.383 ng
 RT: 3.172 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN017204.D
 Acq: 30 Oct 2021 07:25

Tgt Ion: 88 Resp: 6191
 Ion Ratio Lower Upper
 88 100
 43 37.4 103.8 155.6#
 58 85.2 70.6 106.0

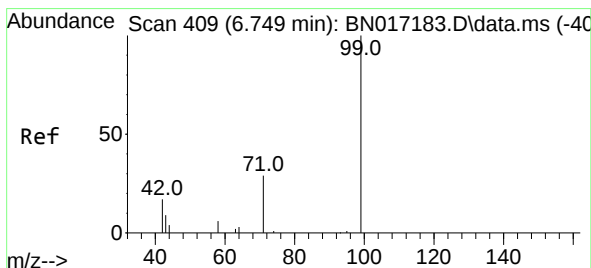
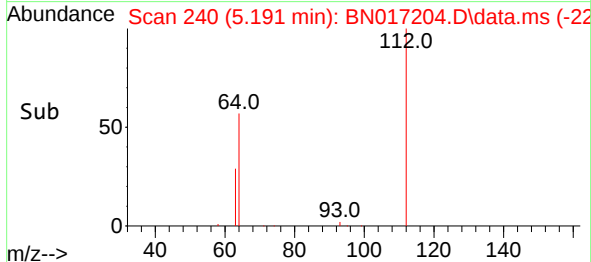
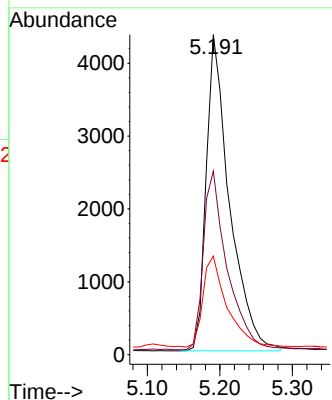
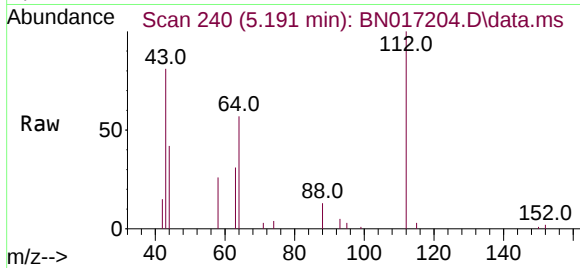




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.191 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

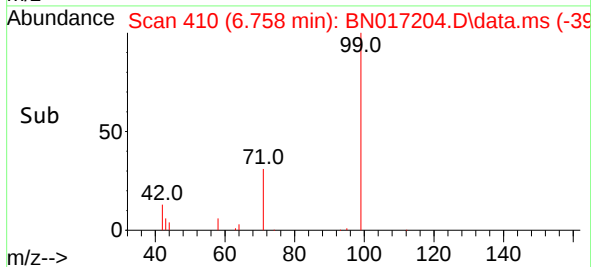
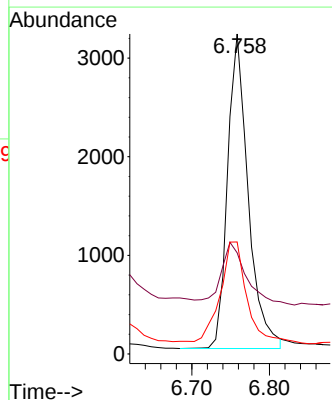
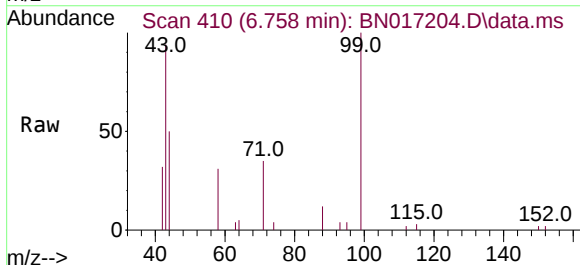
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-278-280

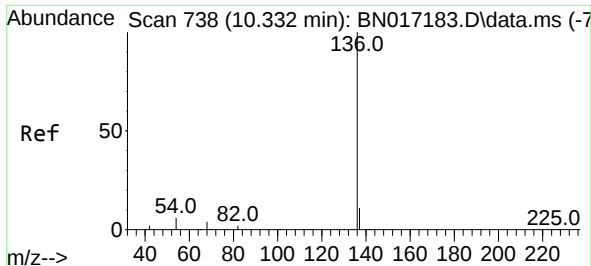
Tgt Ion:	112	Resp:	9675
Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	70.0
63	29.1	23.8	35.6



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.758 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

Tgt Ion:	99	Resp:	5863
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.2	24.4
71	39.0	24.6	37.0

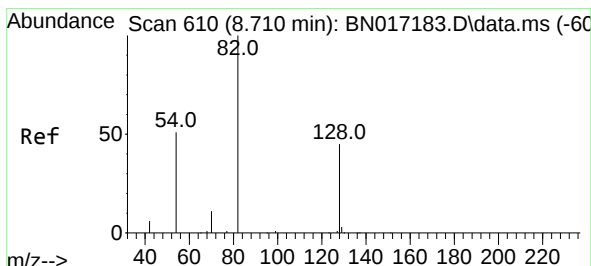
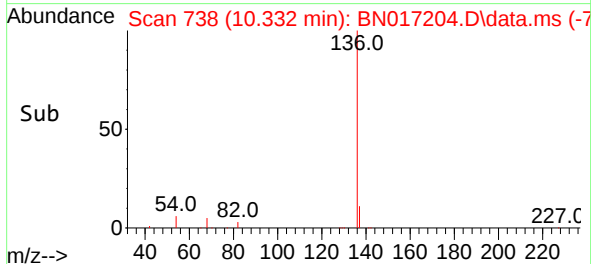
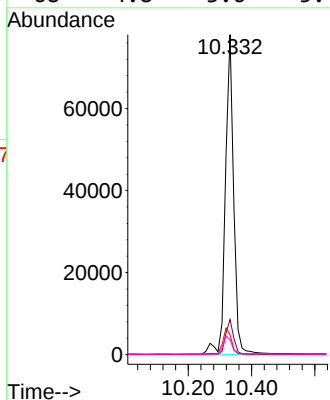
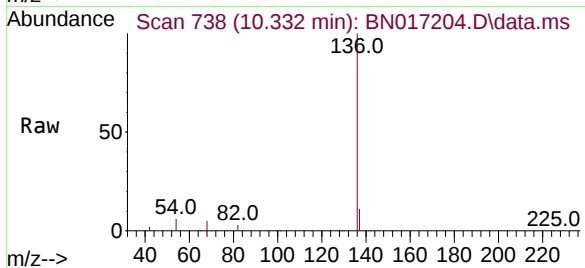




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.332 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

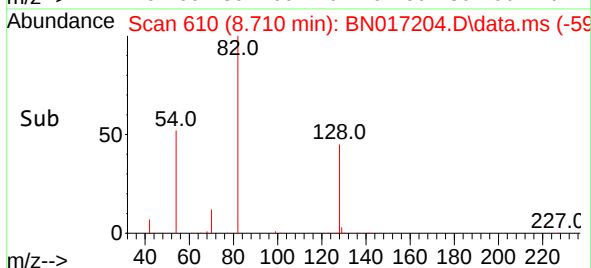
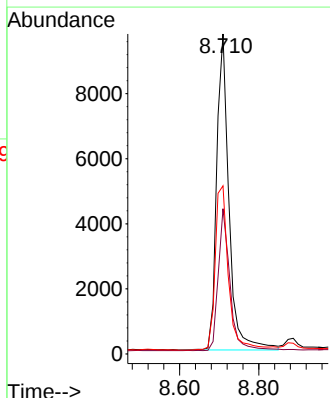
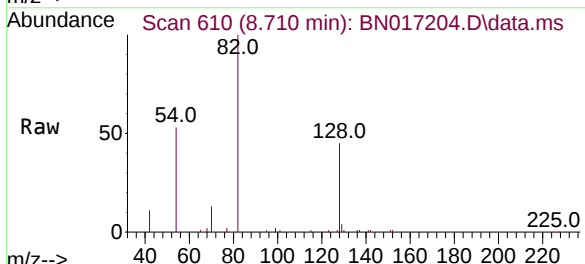
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-278-280

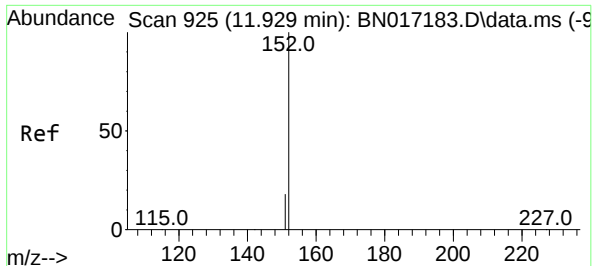
Tgt Ion:136	Resp:	142180
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.2	4.8 7.2
68	4.8	3.6 5.4



#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.710 min Scan# 610
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

Tgt Ion: 82	Resp:	20987
Ion Ratio	Lower	Upper
82	100	
128	45.4	36.0 54.0
54	52.6	41.0 61.6

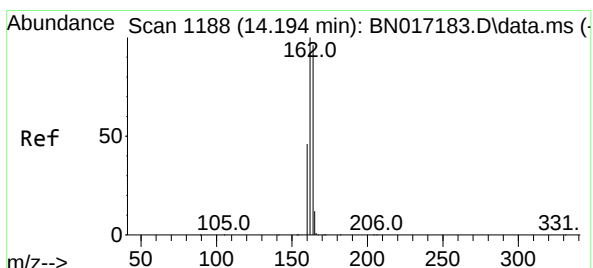
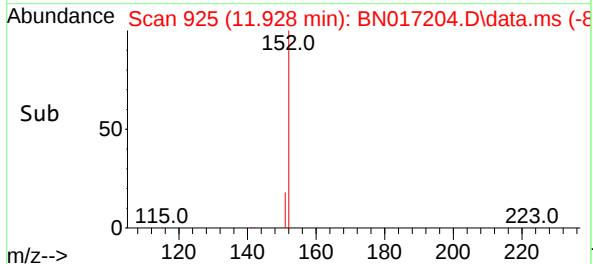
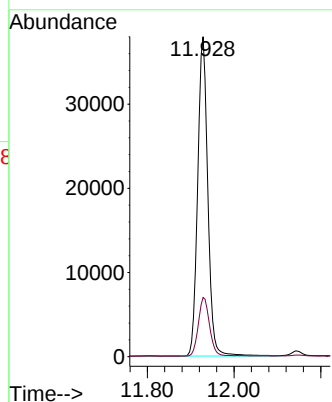
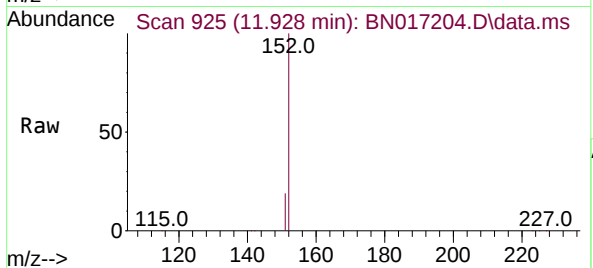




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 11.928 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

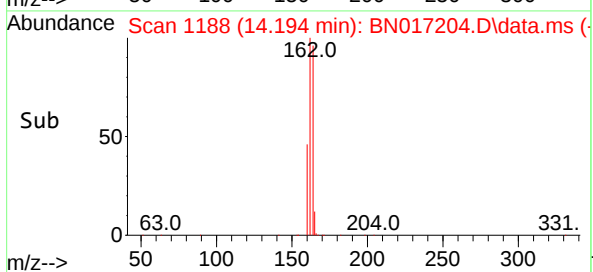
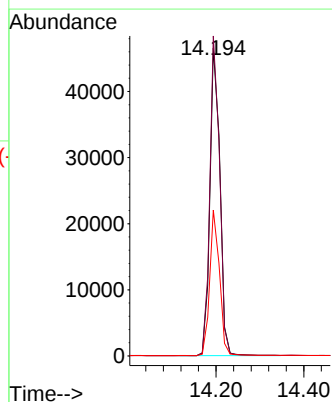
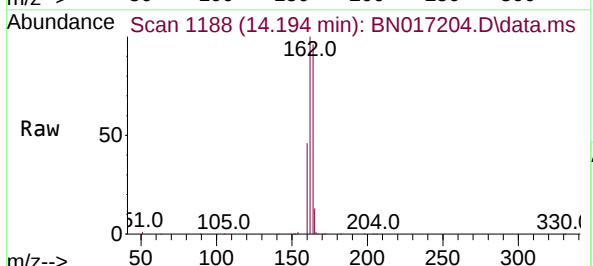
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-278-280

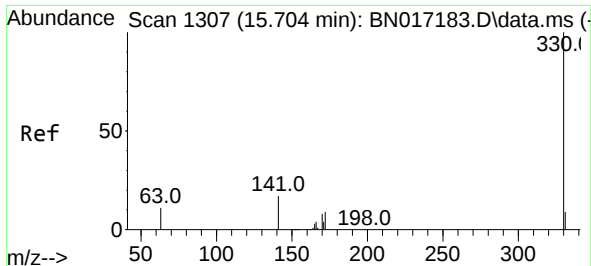
Tgt Ion:152 Resp: 61792
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.194 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

Tgt Ion:164 Resp: 73302
Ion Ratio Lower Upper
164 100
162 103.9 83.6 125.4
160 47.4 38.3 57.5

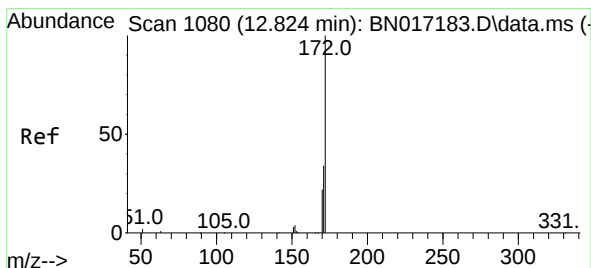
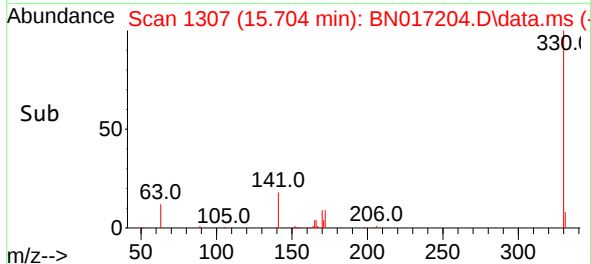
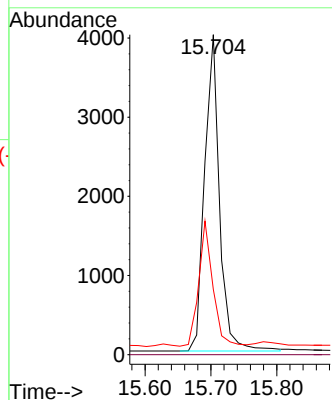
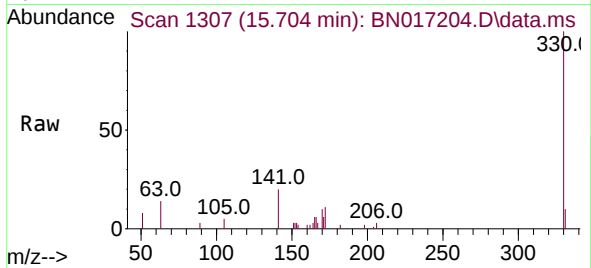




#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.704 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

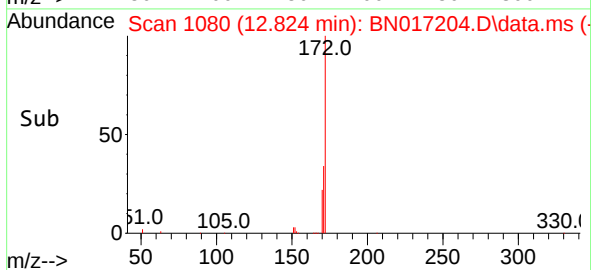
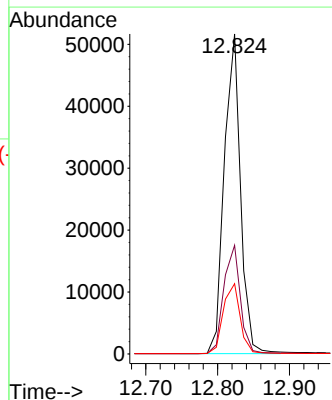
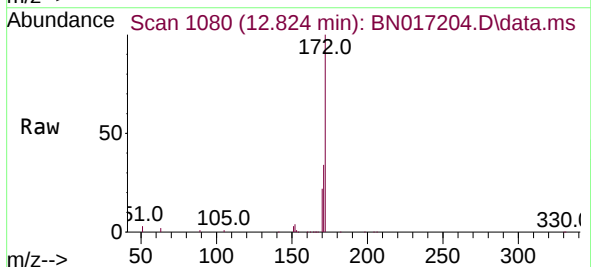
Instrument :
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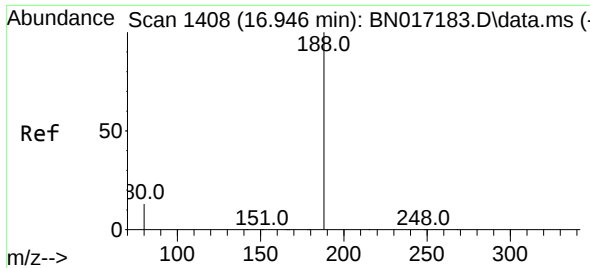
Tgt Ion:330 Resp: 6294
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.4 30.7 46.1



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.824 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

Tgt Ion:172 Resp: 80960
Ion Ratio Lower Upper
172 100
171 33.9 27.0 40.6
170 22.0 17.5 26.3

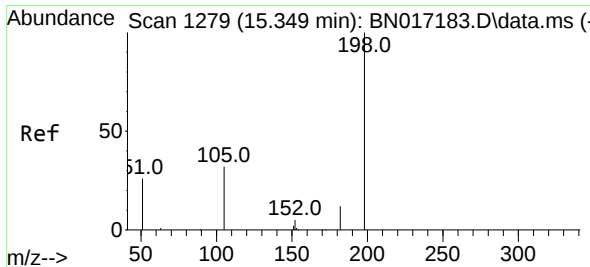
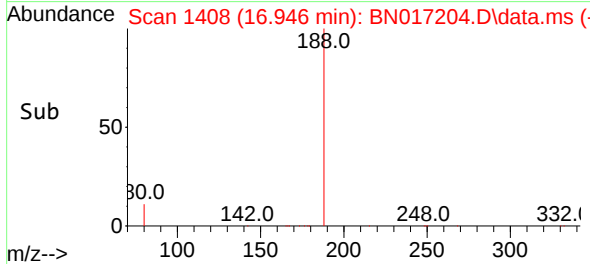
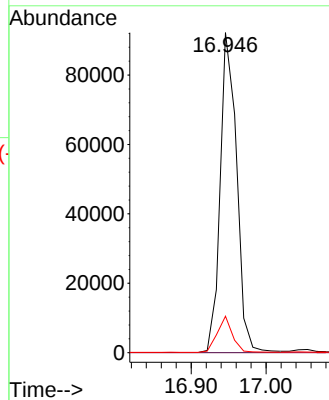
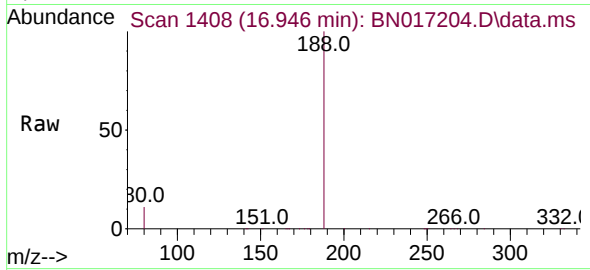




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

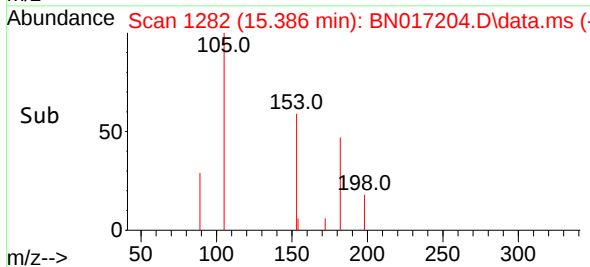
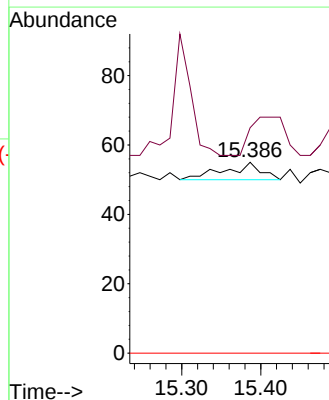
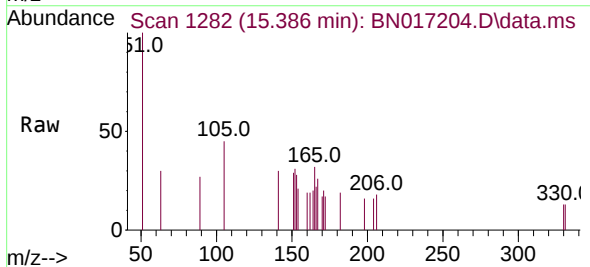
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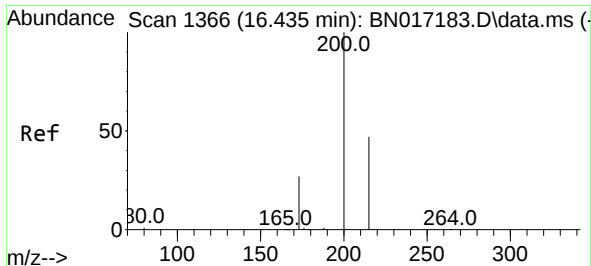
Tgt Ion:188	Resp:	140603
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.4	15.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.082 ng
RT: 15.386 min Scan# 1282
Delta R.T. 0.037 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

Tgt Ion:198	Resp:	16
Ion Ratio	Lower	Upper
198	100	
182	118.2	11.4
77	0.0	0.0

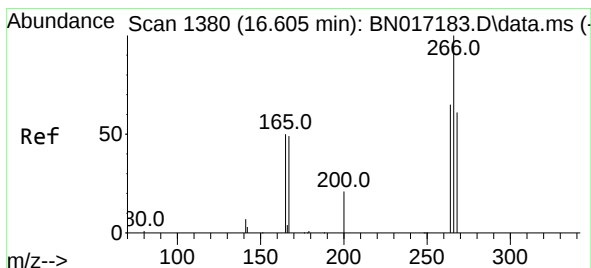
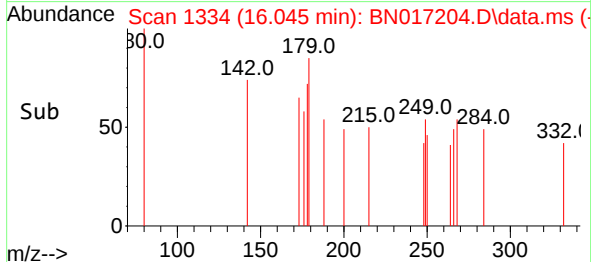
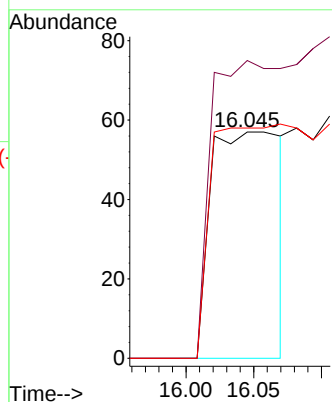
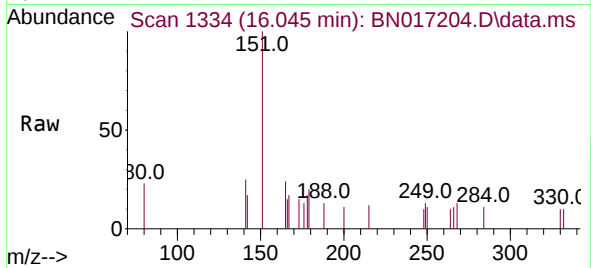




#23
Atrazine
Concen: 0.096 ng
RT: 16.045 min Scan# 1334
Delta R.T. -0.390 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

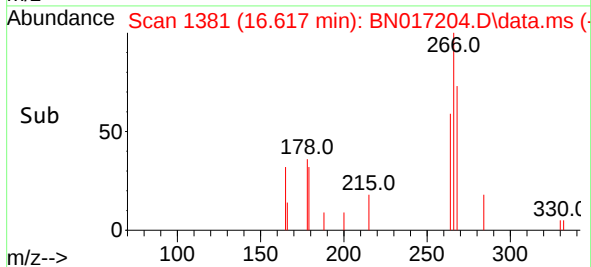
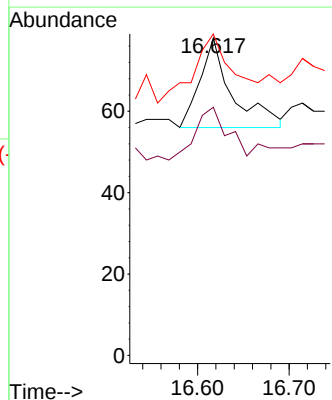
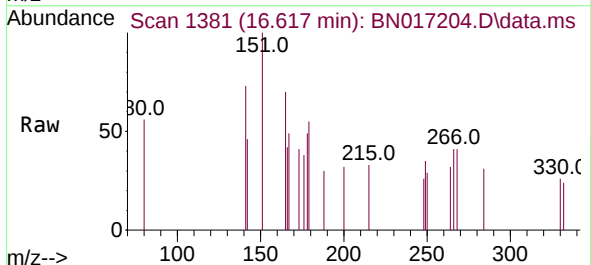
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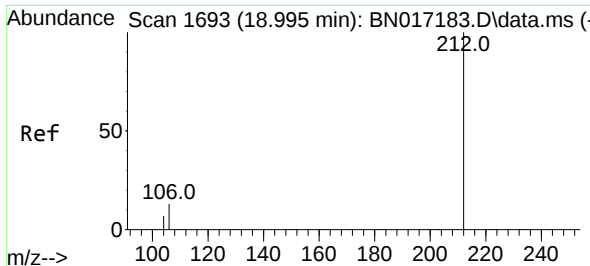
Tgt Ion:200 Resp: 207
Ion Ratio Lower Upper
200 100
173 131.6 21.7 32.5#
215 101.8 37.8 56.6#



#24
Pentachlorophenol
Concen: 0.234 ng
RT: 16.617 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
264 68.5 50.3 75.5
268 96.3 50.7 76.1#

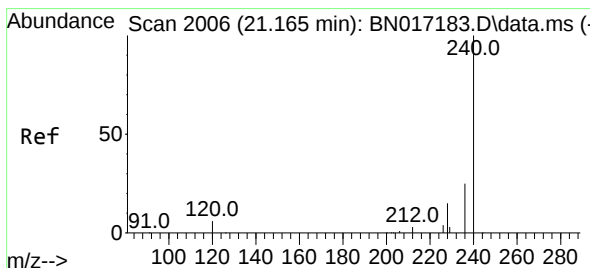
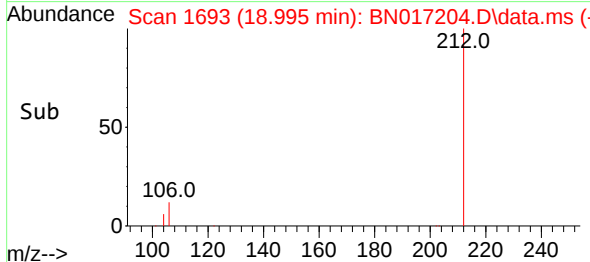
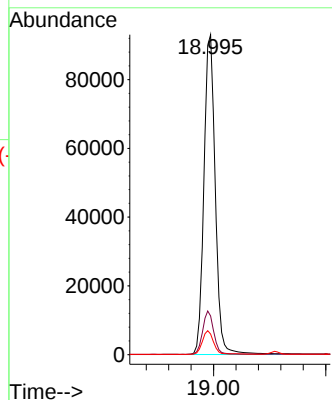
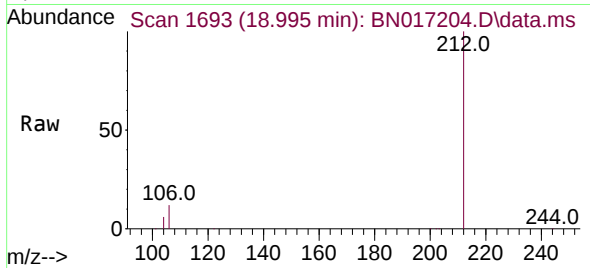




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.995 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

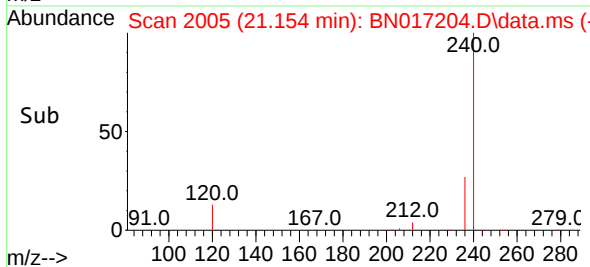
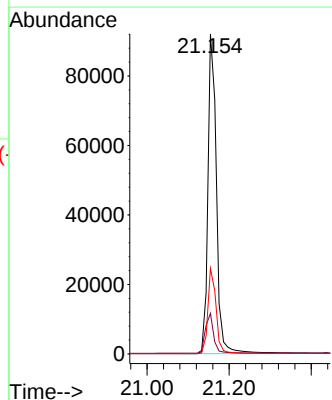
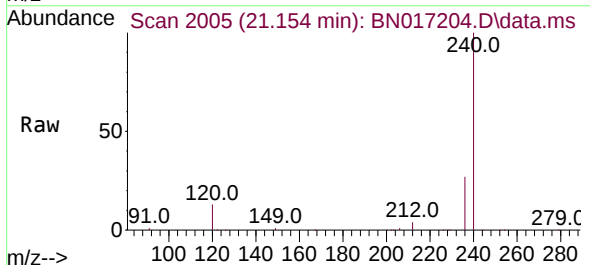
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-278-280

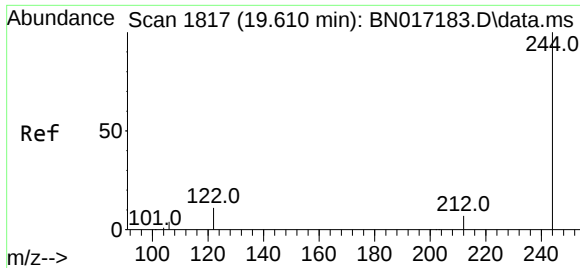
Tgt Ion:212 Resp: 130316
Ion Ratio Lower Upper
212 100
106 13.3 10.6 15.8
104 7.1 5.8 8.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.154 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN017204.D
Acq: 30 Oct 2021 07:25

Tgt Ion:240 Resp: 133080
Ion Ratio Lower Upper
240 100
120 12.7 5.0 7.4#
236 26.7 20.3 30.5

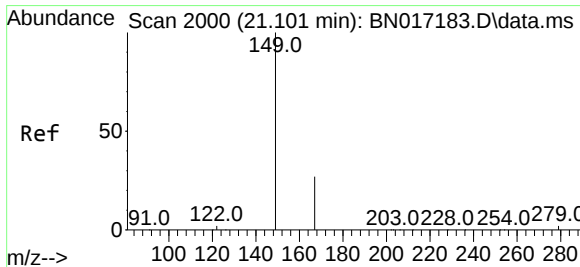
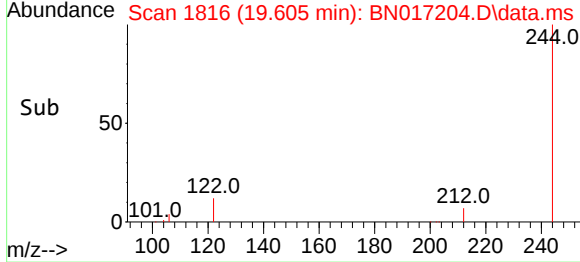
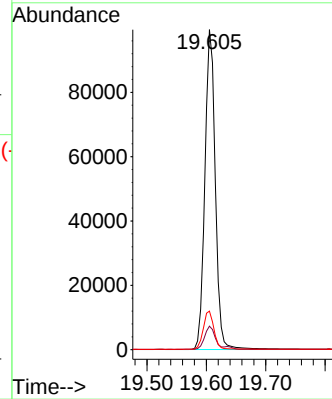
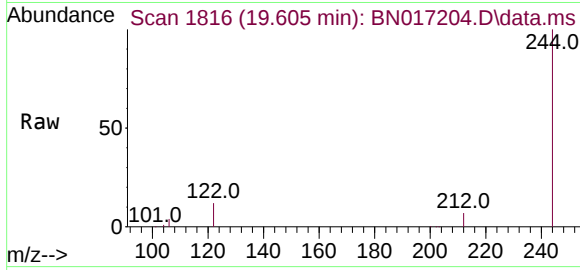




#31
 Terphenyl-d14
 Concen: 0.424 ng
 RT: 19.605 min Scan# 1816
 Delta R.T. -0.005 min
 Lab File: BN017204.D
 Acq: 30 Oct 2021 07:25

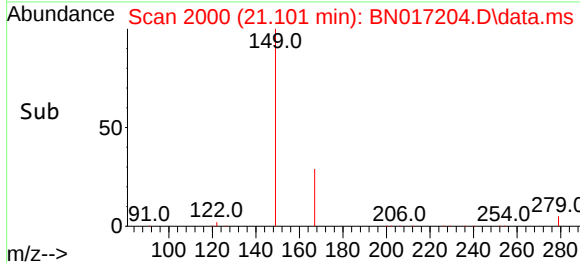
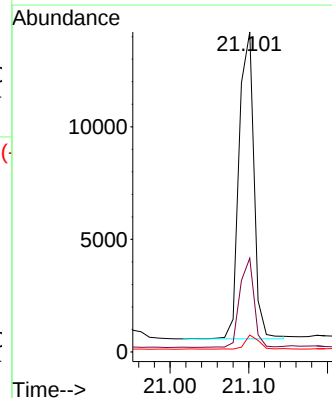
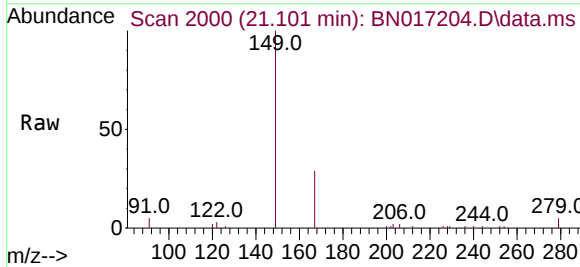
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-278-280

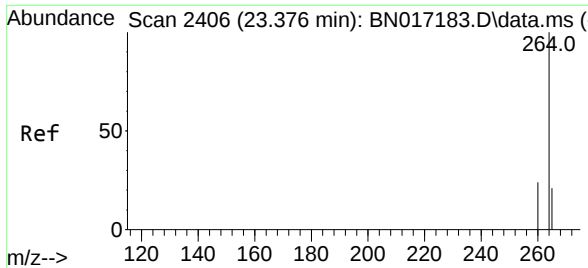
Tgt Ion:244	Resp:	121083
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.8 8.6
122	12.1	9.2 13.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.246 ng
 RT: 21.101 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: BN017204.D
 Acq: 30 Oct 2021 07:25

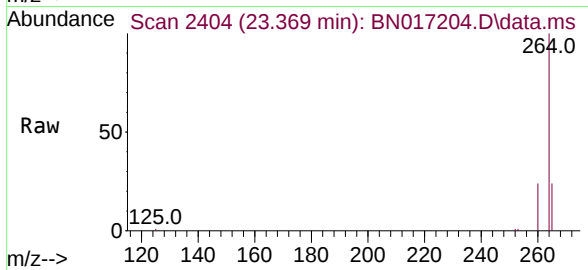
Tgt Ion:149	Resp:	17932
Ion Ratio	Lower	Upper
149	100	
167	27.6	21.6 32.4
279	4.1	3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.369 min Scan# 2404
 Delta R.T. -0.007 min
 Lab File: BN017204.D
 Acq: 30 Oct 2021 07:25

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-278-280



Tgt Ion:264 Resp: 134543

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	23.9	18.2	27.4

