

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
 Data File : BN017206.D
 Acq On : 30 Oct 2021 08:38
 Operator : CG/JU
 Sample : M4360-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-198-200

Quant Time: Oct 31 23:43:03 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)

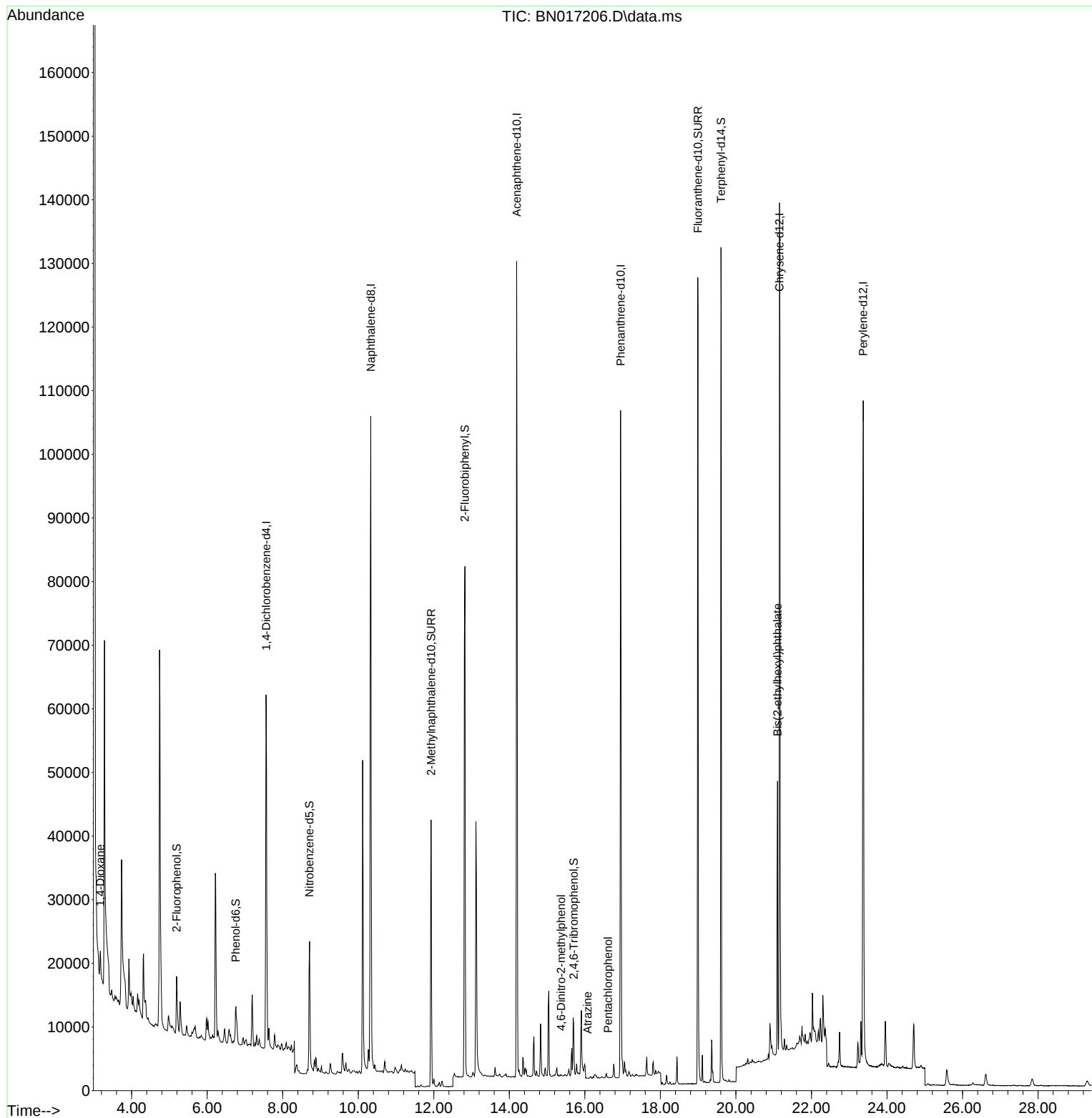
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	30847	0.400	ng	0.00
7) Naphthalene-d8	10.332	136	143724	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	74436	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	141321	0.400	ng	0.00
29) Chrysene-d12	21.154	240	139928	0.400	ng	#-0.01
35) Perylene-d12	23.369	264	140085	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	9223	0.133	ng	0.02
5) Phenol-d6	6.758	99	5868	0.076	ng	0.00
8) Nitrobenzene-d5	8.709	82	19499	0.233	ng	0.00
11) 2-Methylnaphthalene-d10	11.928	152	57577	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.704	330	7614	0.361	ng	0.00
15) 2-Fluorobiphenyl	12.823	172	77229	0.278	ng	0.00
27) Fluoranthene-d10	18.990	212	141607	0.357	ng	0.00
31) Terphenyl-d14	19.605	244	129604	0.431	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.171	88	1817	0.111	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.374	198	14	0.082	ng	# 1
23) Atrazine	16.069	200	363	0.098	ng	# 1
24) Pentachlorophenol	16.617	266	59	0.234	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.101	149	38284	0.316	ng	99

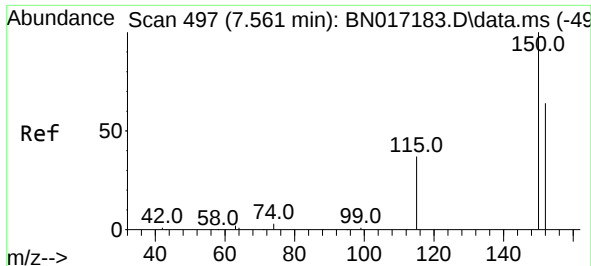
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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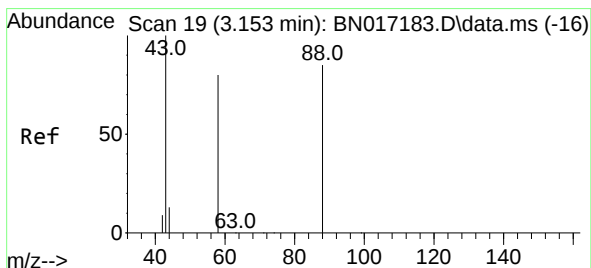
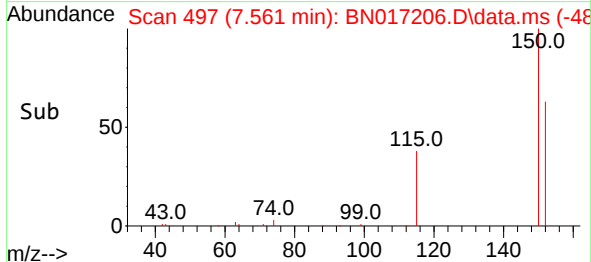
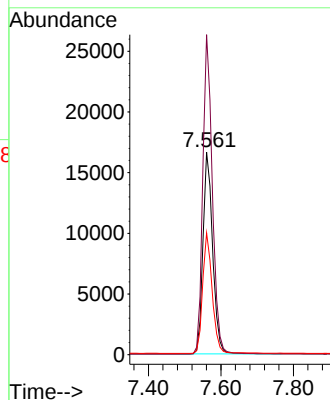
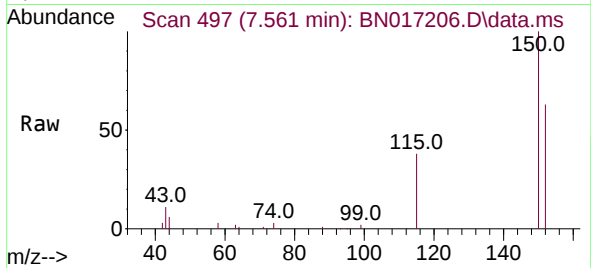




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.561 min Scan# 497
 Delta R.T. -0.000 min
 Lab File: BN017206.D
 Acq: 30 Oct 2021 08:38

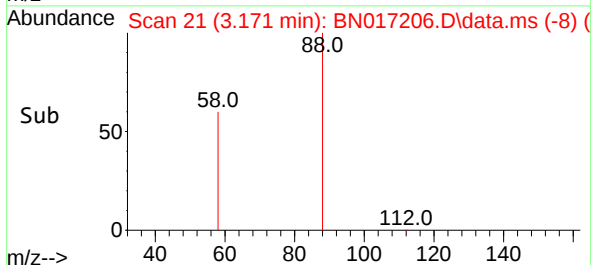
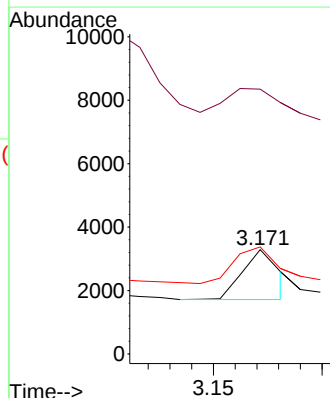
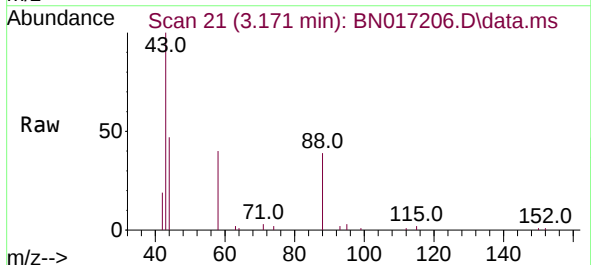
Instrument :
 BNA_N
 ClientSampleId :
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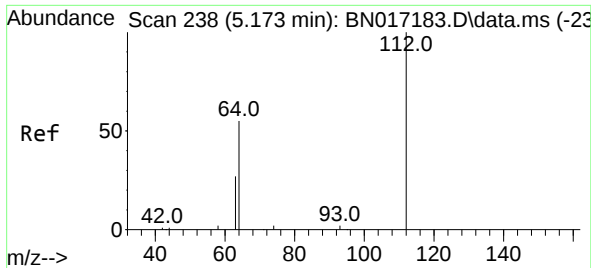
Tgt Ion:152 Resp: 30847
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 187.0
 115 60.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.111 ng
 RT: 3.171 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN017206.D
 Acq: 30 Oct 2021 08:38

Tgt Ion: 88 Resp: 1817
 Ion Ratio Lower Upper
 88 100
 43 63.3 103.8 155.6#
 58 83.4 70.6 106.0

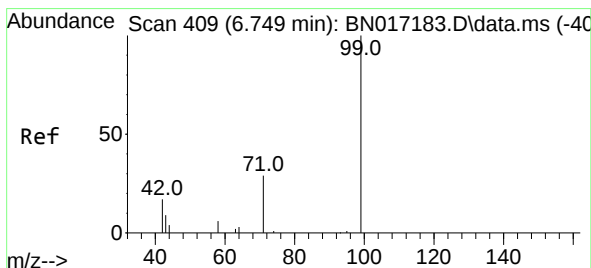
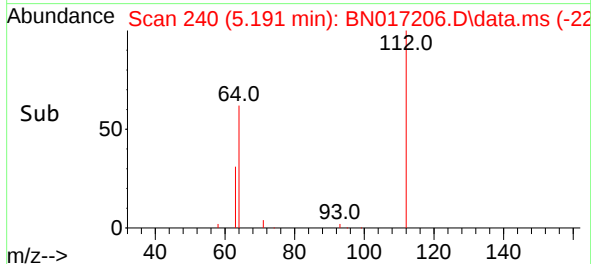
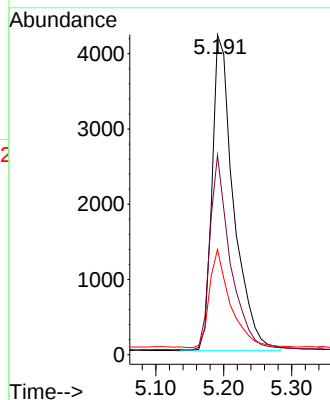
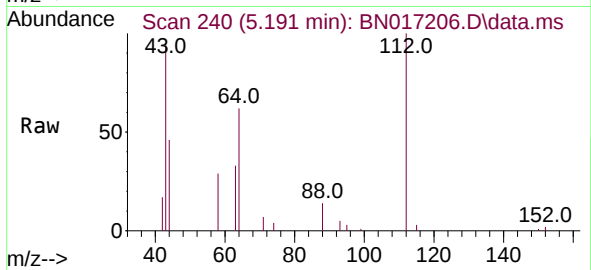




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.191 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

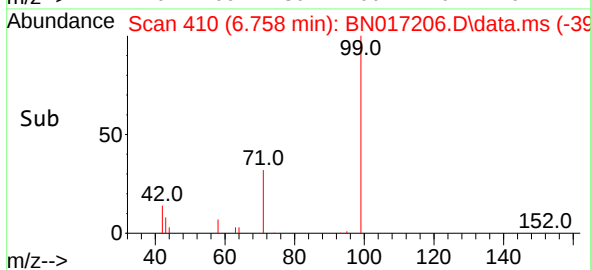
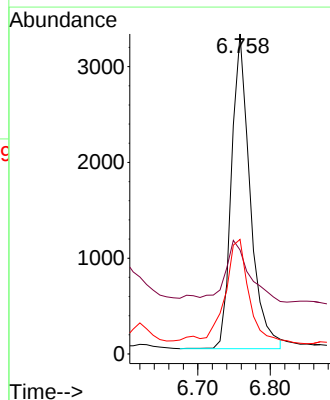
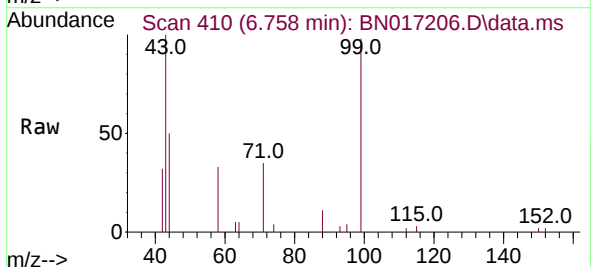
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ClientSampleId :
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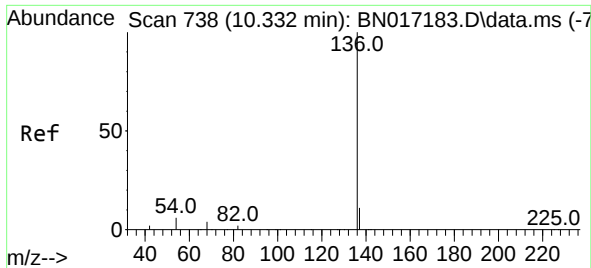
Tgt Ion:	112	Resp:	9223
Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.6	70.0
63	30.3	23.8	35.6



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.758 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

Tgt Ion:	99	Resp:	5868
Ion	Ratio	Lower	Upper
99	100		
42	24.7	16.2	24.4#
71	39.9	24.6	37.0#

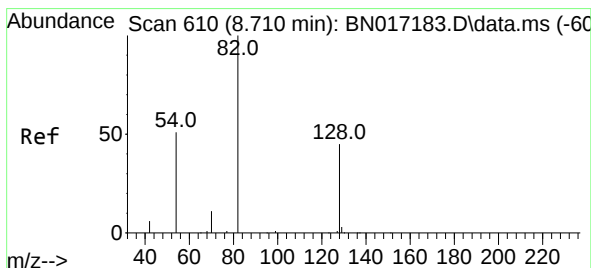
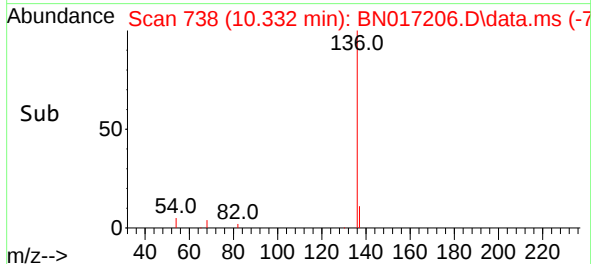
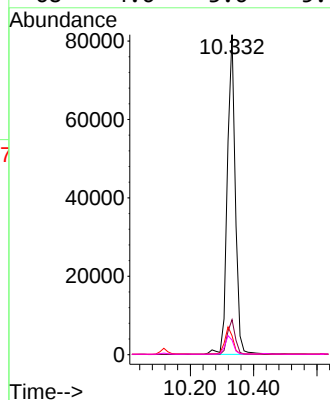
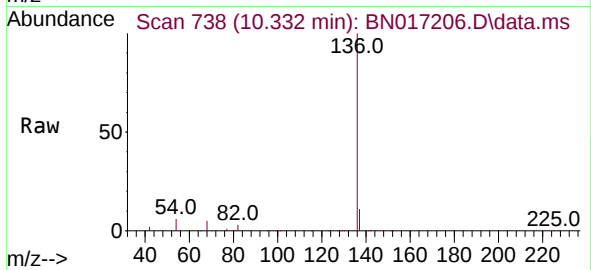




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.332 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

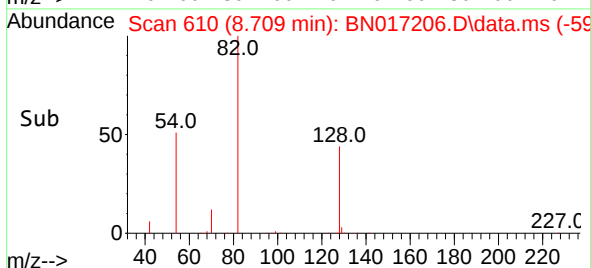
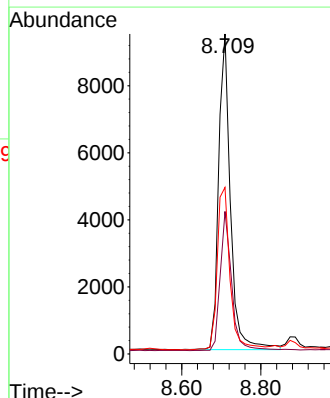
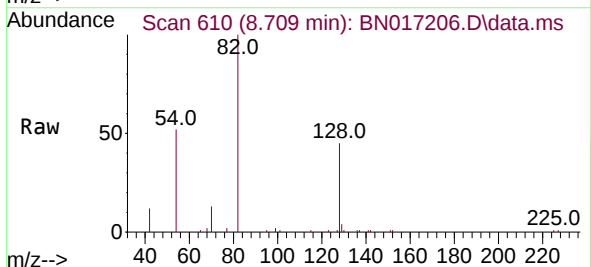
Instrument :
BNA_N
ClientSampleId :
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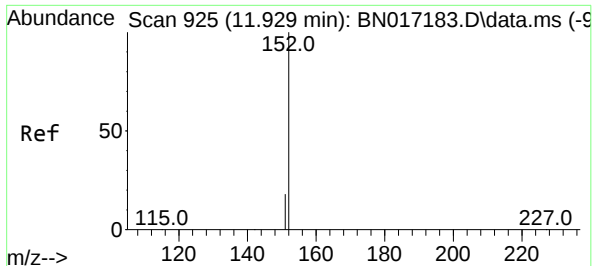
Tgt Ion:	136	Resp:	143724
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	5.9	4.8	7.2
68	4.6	3.6	5.4



#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 8.709 min Scan# 610
Delta R.T. -0.000 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

Tgt Ion:	82	Resp:	19499
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.0	54.0
54	52.0	41.0	61.6

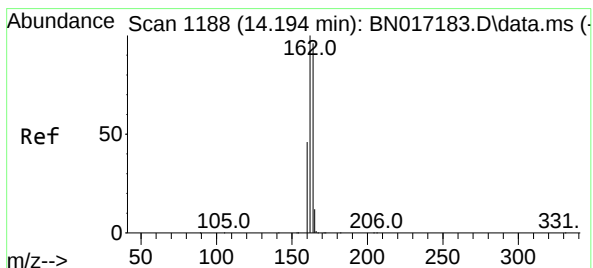
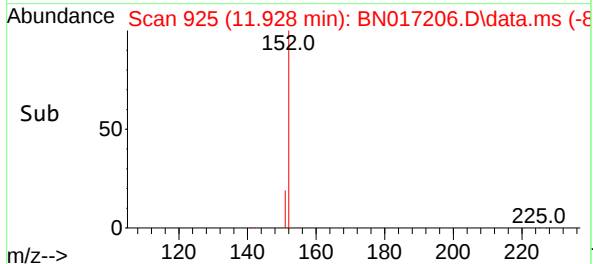
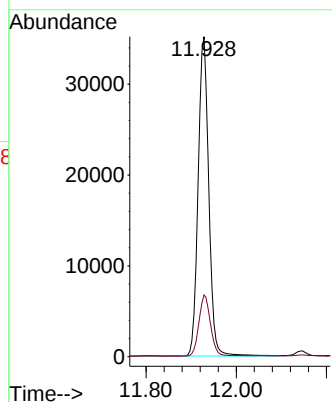
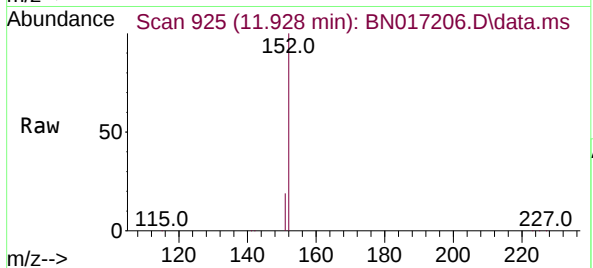




#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 11.928 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

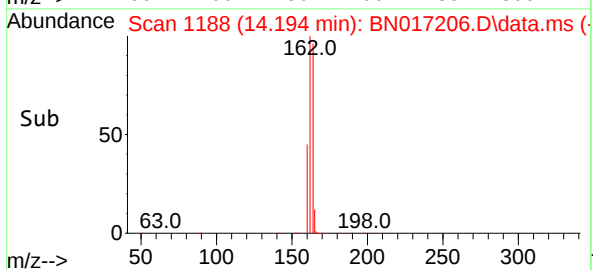
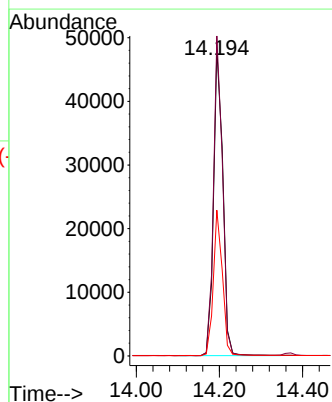
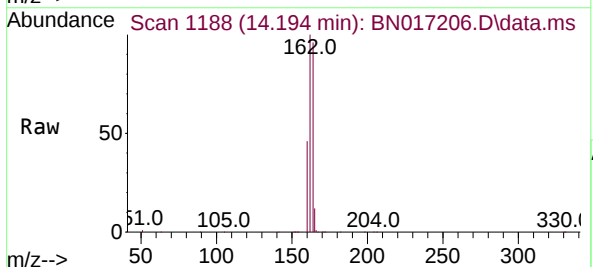
Instrument :
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ClientSampleId :
BP-VPB-RW9-GW-198-200

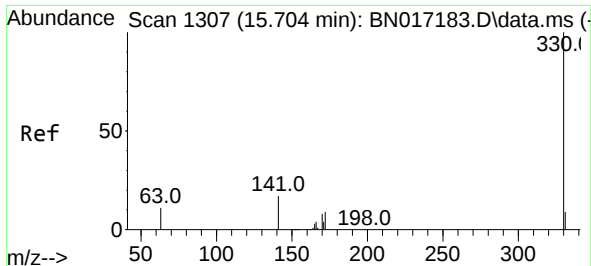
Tgt Ion:152 Resp: 57577
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.194 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

Tgt Ion:164 Resp: 74436
Ion Ratio Lower Upper
164 100
162 104.5 83.6 125.4
160 47.6 38.3 57.5

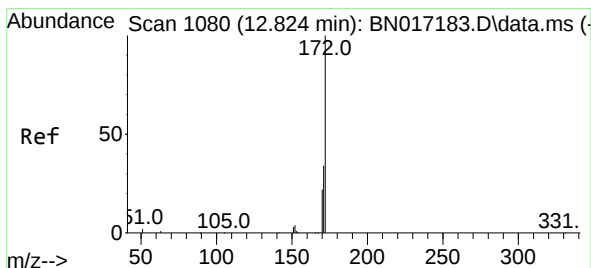
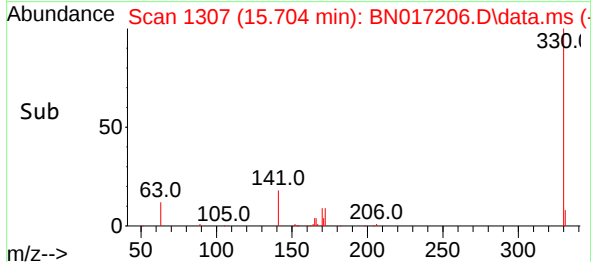
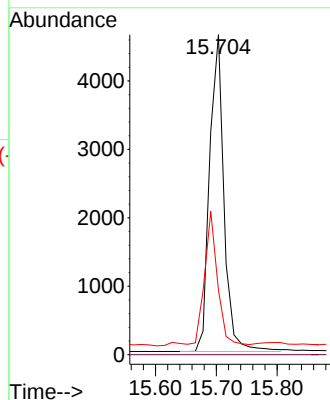
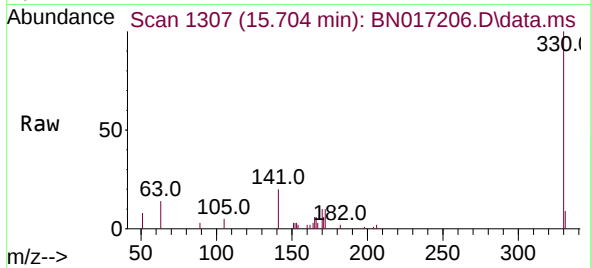




#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.704 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

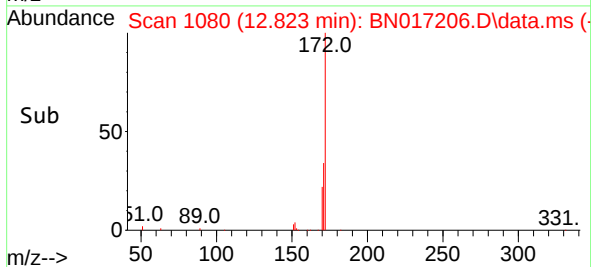
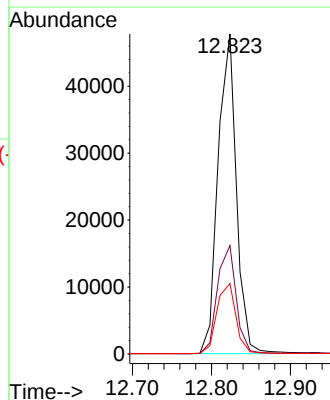
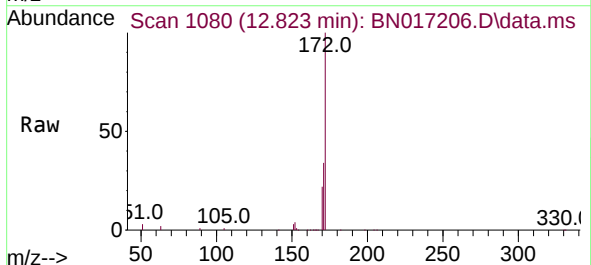
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ClientSampleId :
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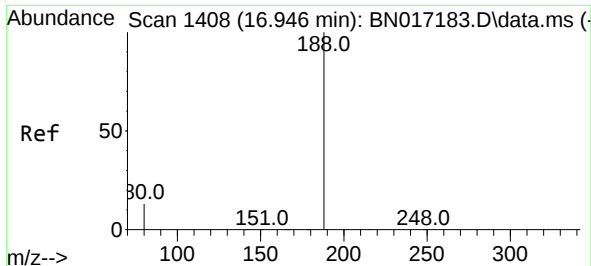
Tgt Ion: 330 Resp: 7614
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 30.7 46.1



#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.823 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

Tgt Ion: 172 Resp: 77229
Ion Ratio Lower Upper
172 100
171 33.9 27.0 40.6
170 22.0 17.5 26.3

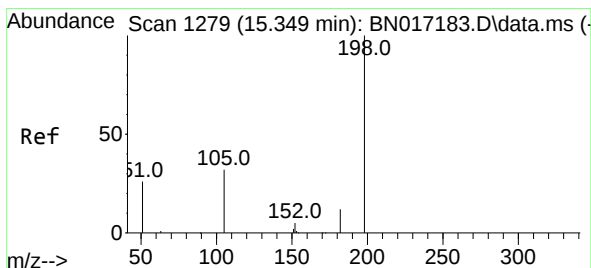
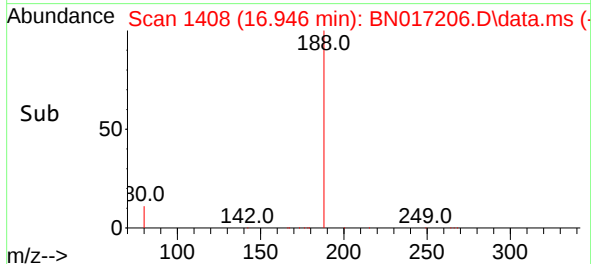
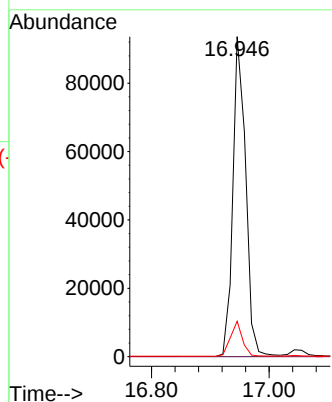
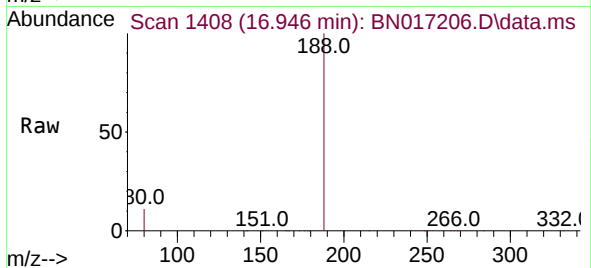




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

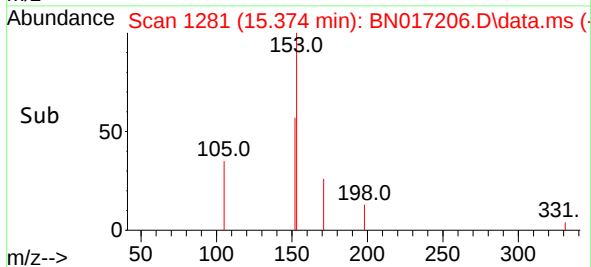
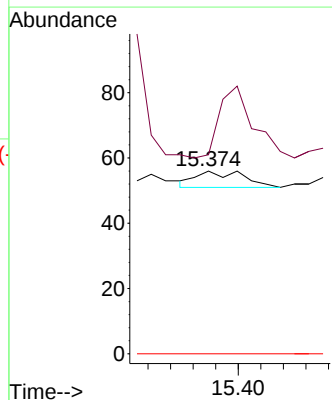
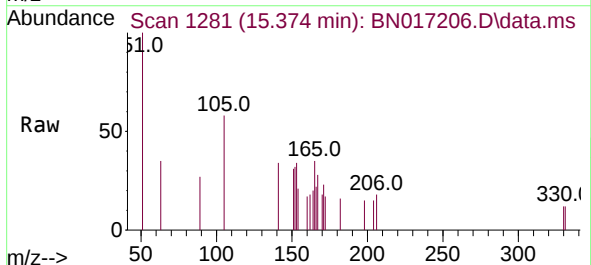
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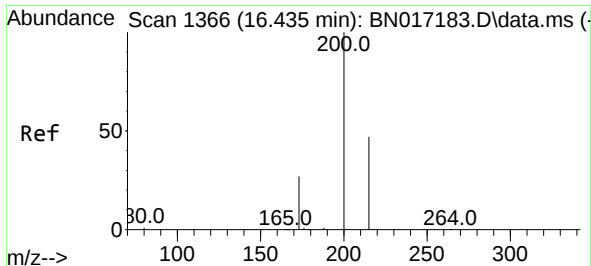
Tgt Ion:188 Resp: 141321
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 10.3 15.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.082 ng
RT: 15.374 min Scan# 1281
Delta R.T. 0.025 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 108.9 11.4 17.2#
77 0.0 0.0 0.0

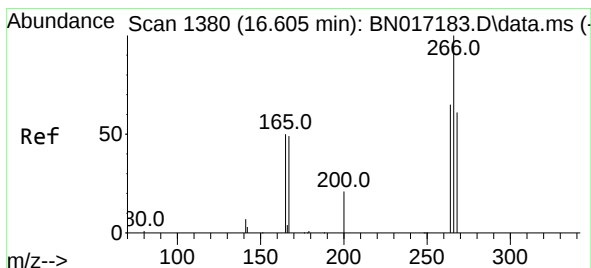
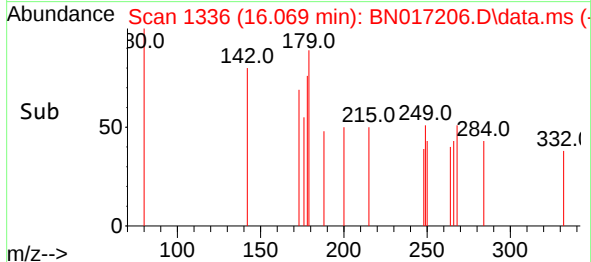
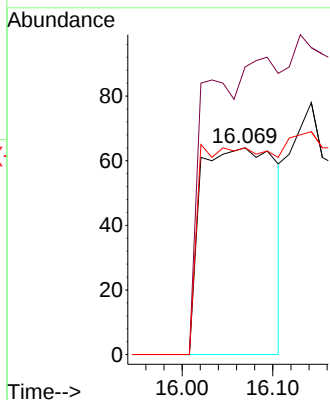
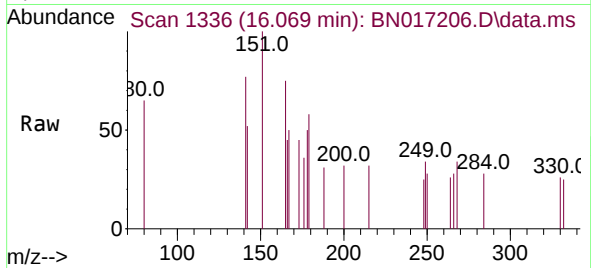




#23
Atrazine
Concen: 0.098 ng
RT: 16.069 min Scan# 1336
Delta R.T. -0.366 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

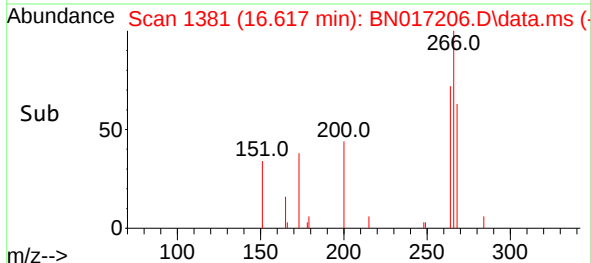
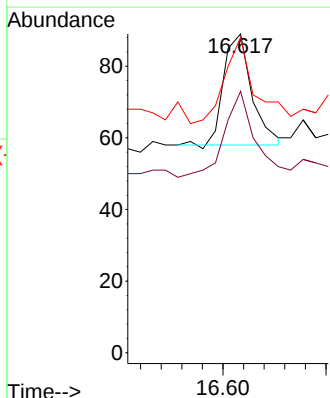
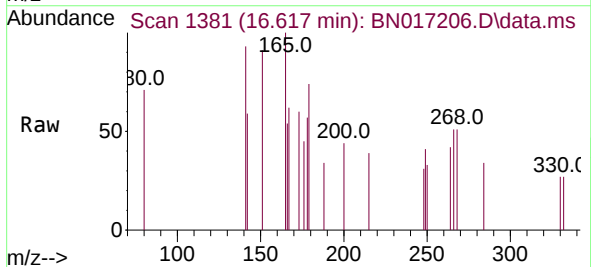
Instrument :
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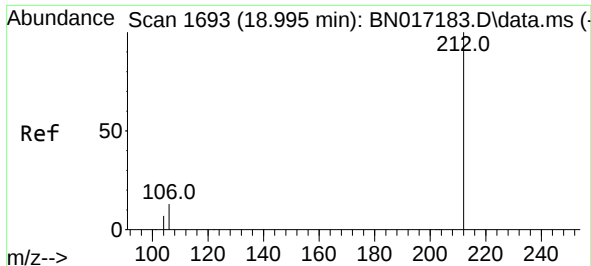
Tgt Ion:200 Resp: 363
Ion Ratio Lower Upper
200 100
173 139.1 21.7 32.5#
215 100.0 37.8 56.6#



#24
Pentachlorophenol
Concen: 0.234 ng
RT: 16.617 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
264 84.7 50.3 75.5#
268 84.7 50.7 76.1#

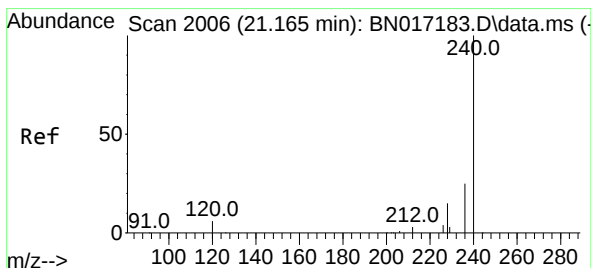
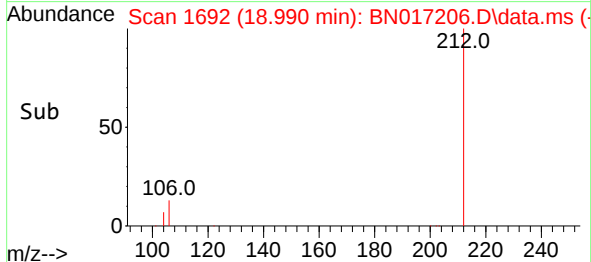
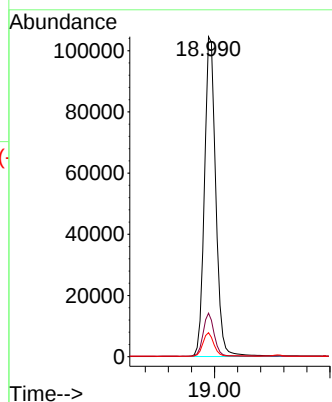
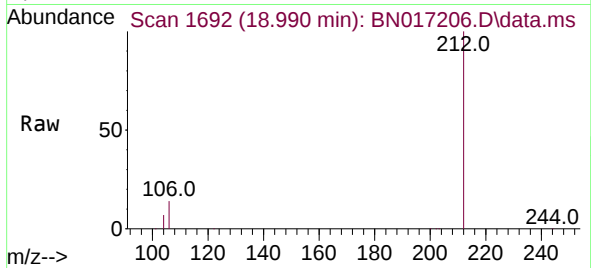




#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 18.990 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

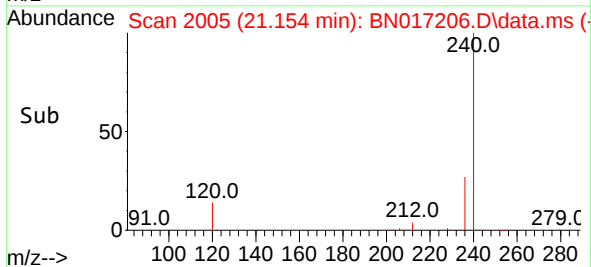
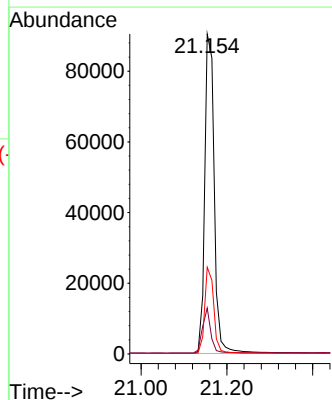
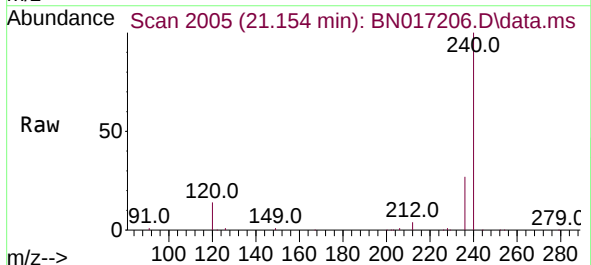
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-198-200

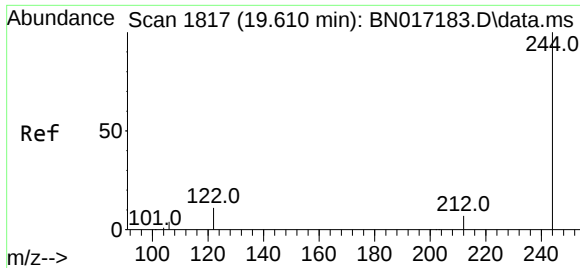
Tgt Ion:212 Resp: 141607
Ion Ratio Lower Upper
212 100
106 13.2 10.6 15.8
104 7.1 5.8 8.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.154 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

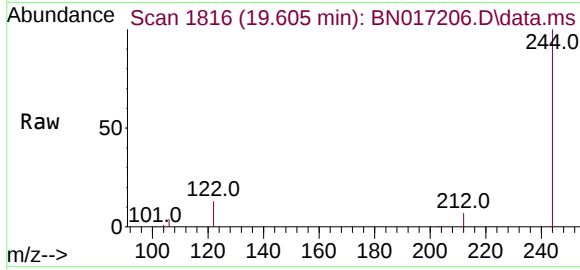
Tgt Ion:240 Resp: 139928
Ion Ratio Lower Upper
240 100
120 14.3 5.0 7.4#
236 27.1 20.3 30.5



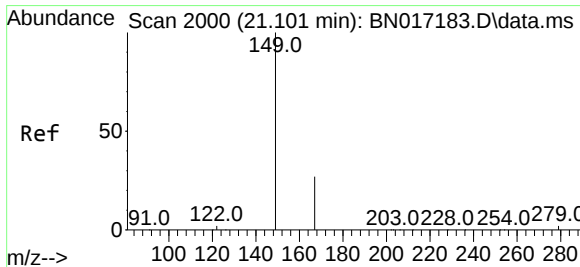
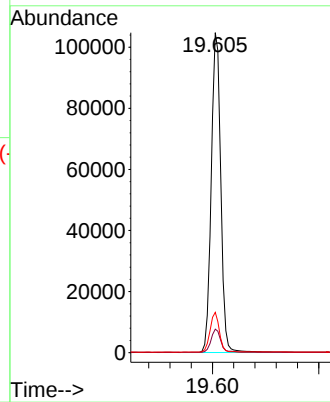
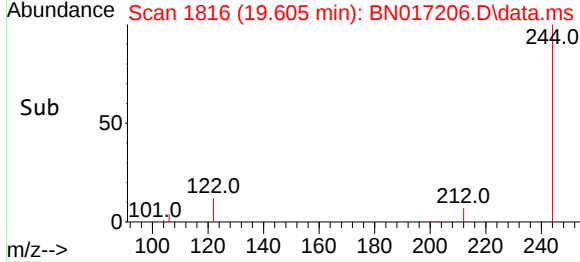


#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.605 min Scan# 1816
Delta R.T. -0.005 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38

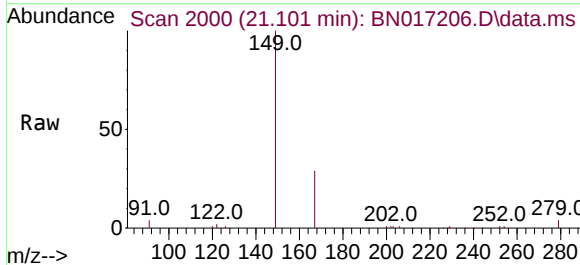
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-198-200



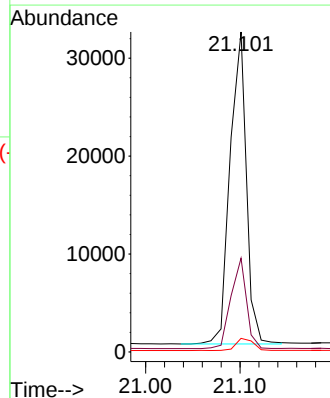
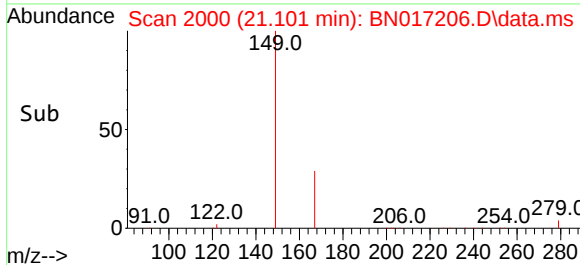
Tgt Ion:244 Resp: 129604
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.6 9.2 13.8

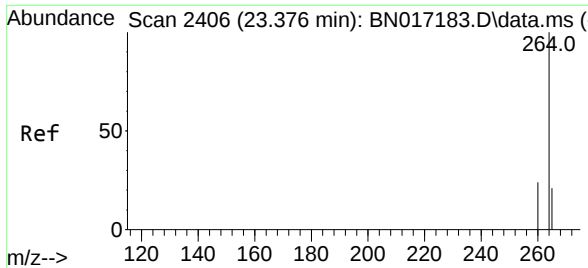


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.101 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN017206.D
Acq: 30 Oct 2021 08:38



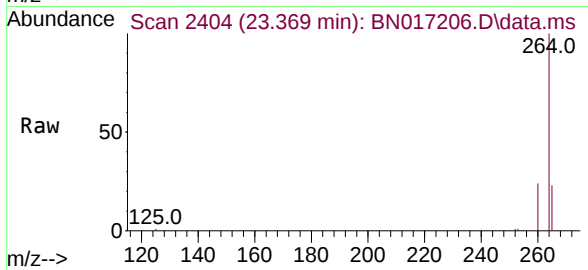
Tgt Ion:149 Resp: 38284
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 4.2 3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.369 min Scan# 2404
 Delta R.T. -0.007 min
 Lab File: BN017206.D
 Acq: 30 Oct 2021 08:38

Instrument :
 BNA_N
ClientSampleId :
 BP-VPB-RW9-GW-198-200



Tgt Ion:264 Resp: 140085

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	23.5	18.2	27.4

