

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022422\
 Data File : BN018714.D
 Acq On : 24 Feb 2022 18:57
 Operator : CG/JU
 Sample : N1653-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220223E

Quant Time: Feb 25 00:48:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 16:23:51 2022
 Response via : Initial Calibration

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

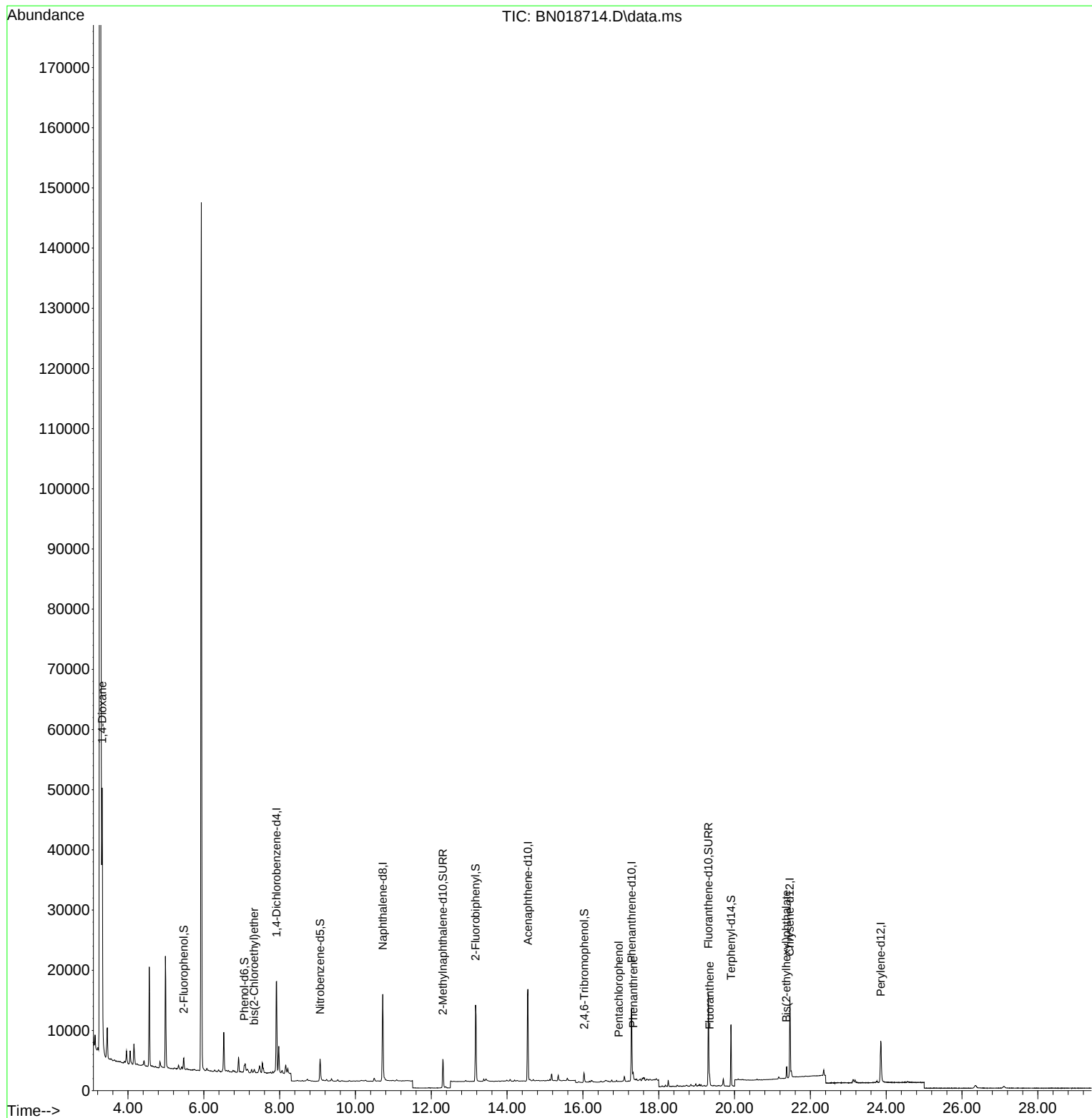
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	7448	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	18880	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	9385	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	18153	0.400	ng	0.00
29) Chrysene-d12	21.458	240	12456	0.400	ng	# 0.00
35) Perylene-d12	23.858	264	10212	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	1600	0.094	ng	0.00
5) Phenol-d6	7.067	99	1118	0.057	ng	0.00
8) Nitrobenzene-d5	9.067	82	3306	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.306	152	6808	0.239	ng	0.00
14) 2,4,6-Tribromophenol	16.036	330	1025	0.280	ng	0.01
15) 2-Fluorobiphenyl	13.169	172	11627	0.261	ng	-0.01
27) Fluoranthene-d10	19.312	212	16297	0.331	ng	0.00
31) Terphenyl-d14	19.906	244	11284	0.417	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	19381	2.241	ng	# 59
6) bis(2-Chloroethyl)ether	7.327	93	505	0.025	ng	94
24) Pentachlorophenol	16.948	266	57	0.166	ng	# 79
25) Phenanthrene	17.328	178	1499	0.025	ng	99
28) Fluoranthene	19.341	202	1527	0.024	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.368	149	2031	0.106	ng	# 94

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

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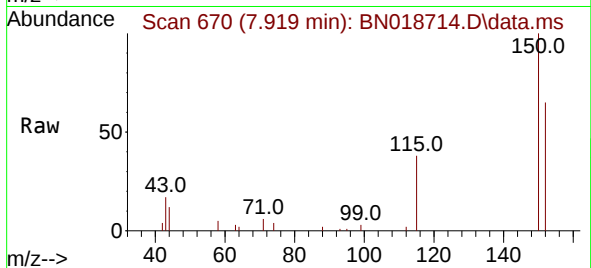
Quant Time: Feb 25 00:48:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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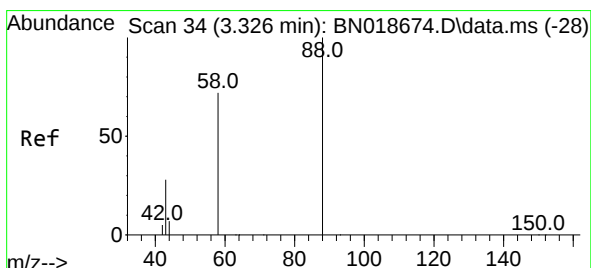
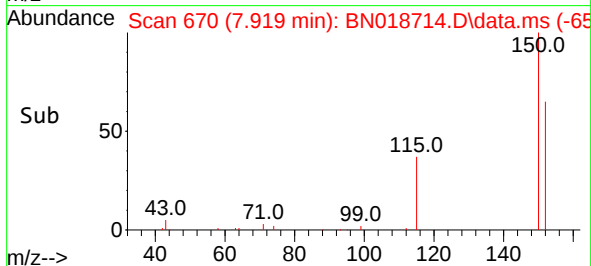
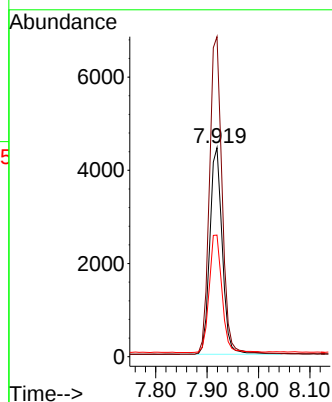


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.919 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220223E

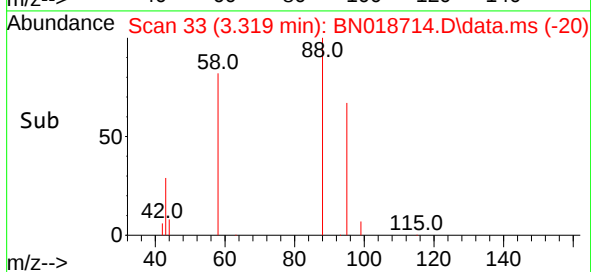
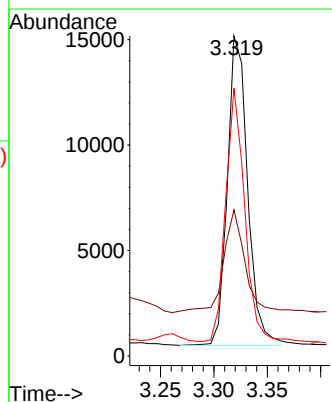
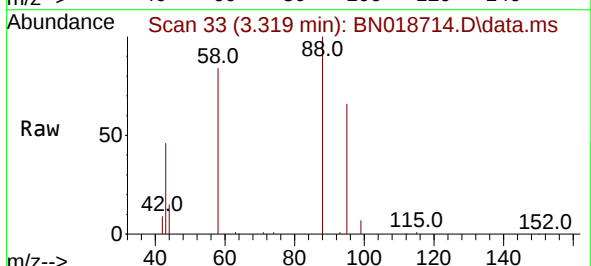


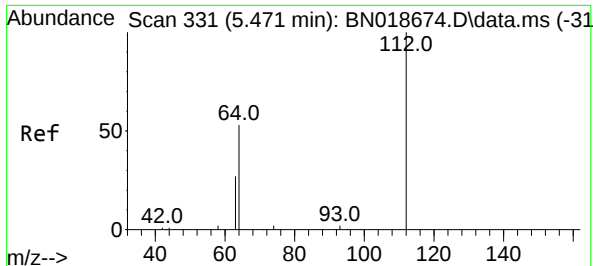
Tgt Ion:152 Resp: 7448
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.7 182.5
 115 58.2 43.8 65.8



#2
 1,4-Dioxane
 Concen: 2.241 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

Tgt Ion: 88 Resp: 19381
 Ion Ratio Lower Upper
 88 100
 43 34.7 69.7 104.5#
 58 76.1 83.8 125.8#

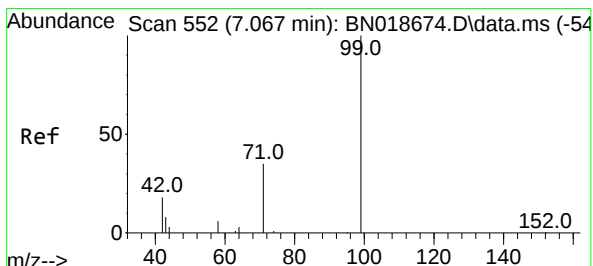
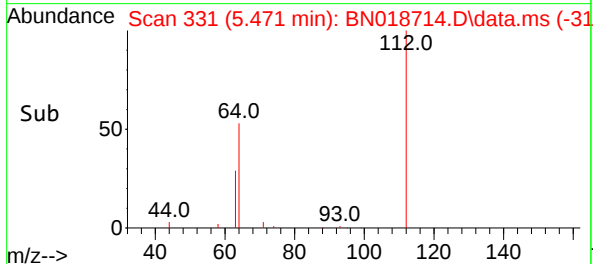
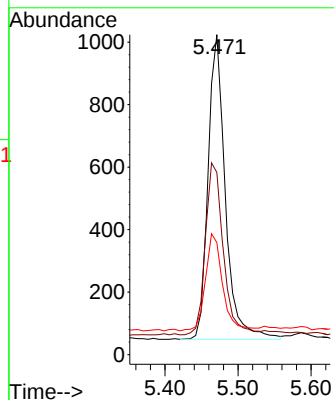
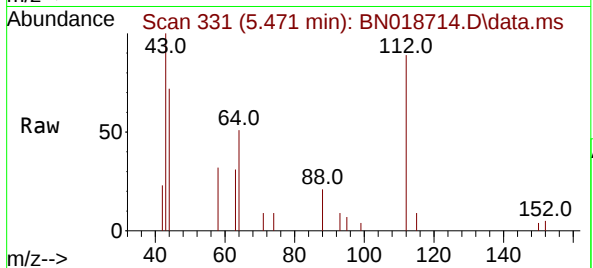




#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.471 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

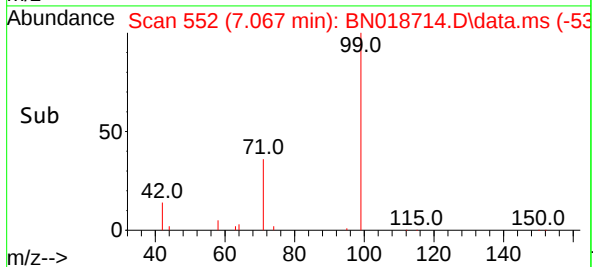
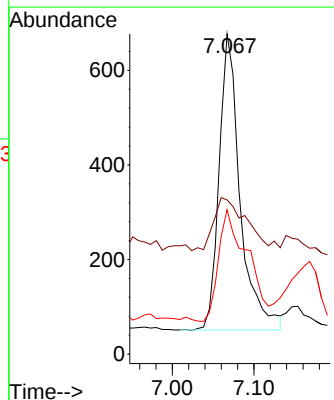
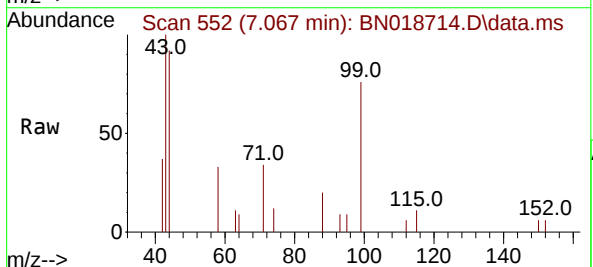
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ClientSampleId :
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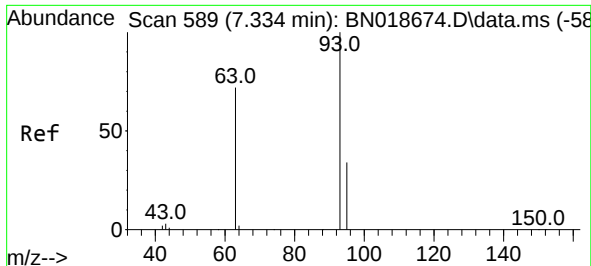
Tgt Ion:	112	Resp:	1600
Ion	Ratio	Lower	Upper
112	100		
64	58.8	48.0	72.0
63	31.6	25.3	37.9



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.067 min Scan# 552
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

Tgt Ion:	99	Resp:	1118
Ion	Ratio	Lower	Upper
99	100		
42	27.0	16.3	24.5#
71	51.7	26.8	40.2#

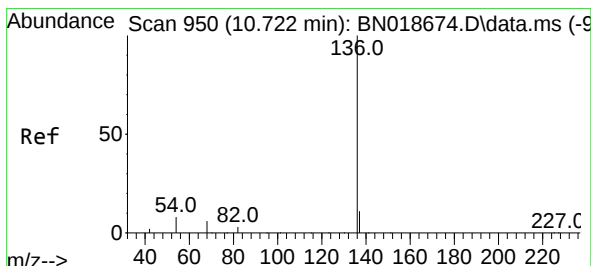
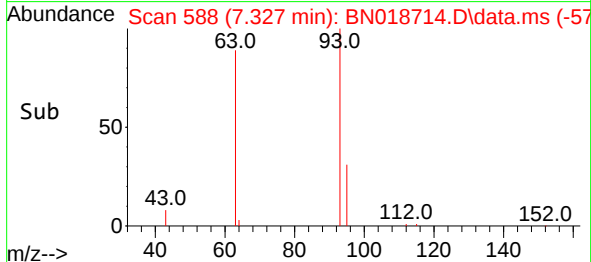
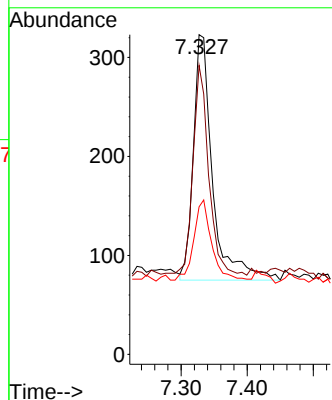
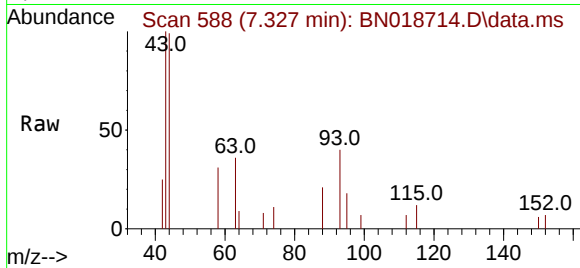




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.327 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

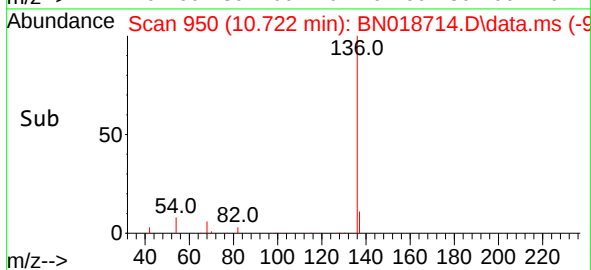
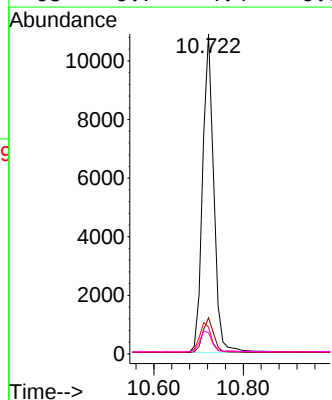
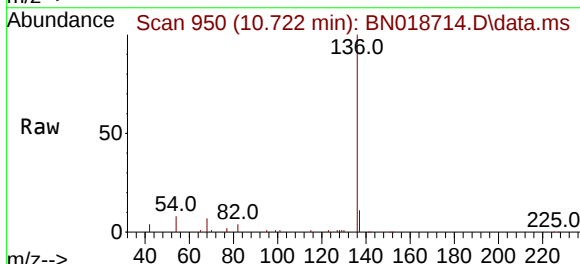
Instrument :
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ClientSampleId :
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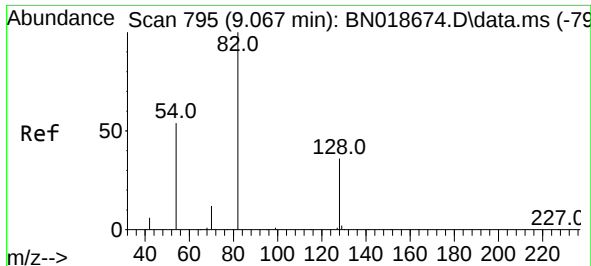
Tgt Ion:	93	Resp:	505
Ion	Ratio	Lower	Upper
93	100		
63	70.3	61.7	92.5
95	31.7	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

Tgt Ion:	136	Resp:	18880
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.4	5.0	7.6#
68	6.7	4.4	6.6#

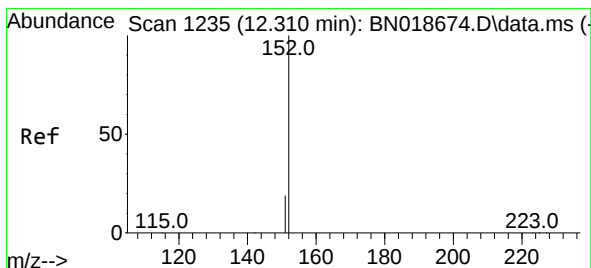
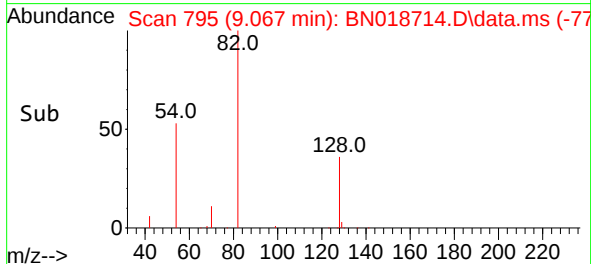
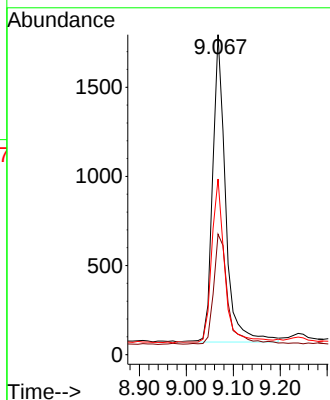
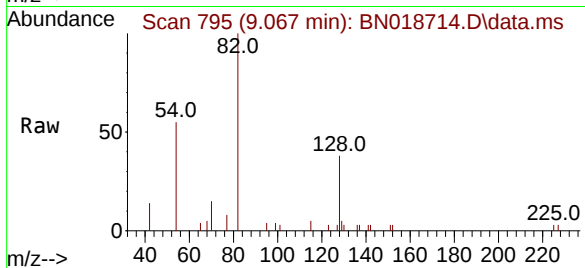




#8
 Nitrobenzene-d5
 Concen: 0.226 ng
 RT: 9.067 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

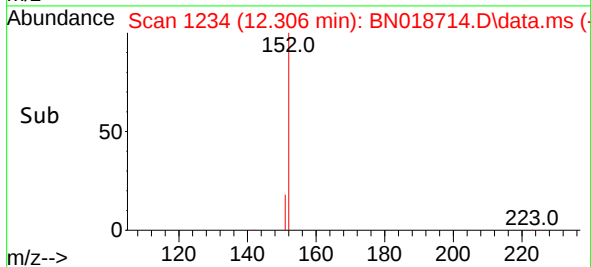
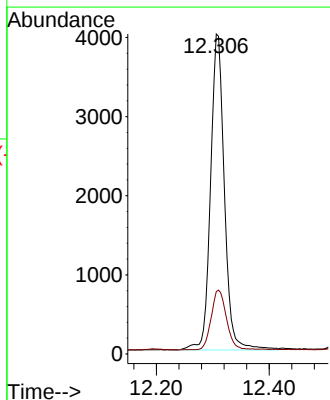
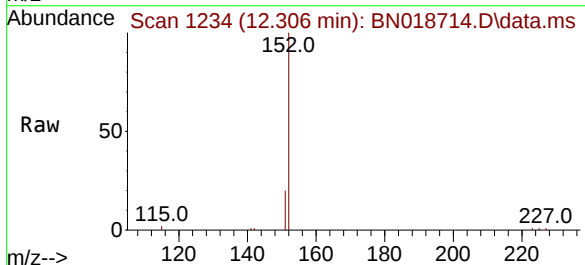
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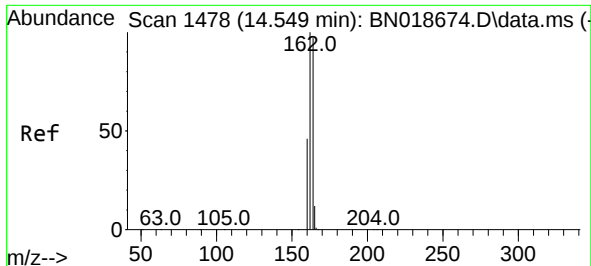
Tgt Ion:	82	Resp:	3306
Ion Ratio	Lower	Upper	
82	100		
128	37.7	33.7	50.5
54	54.9	36.6	55.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.239 ng
 RT: 12.306 min Scan# 1234
 Delta R.T. -0.004 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

Tgt Ion:	152	Resp:	6808
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.2

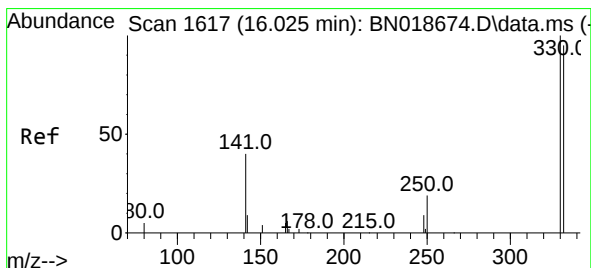
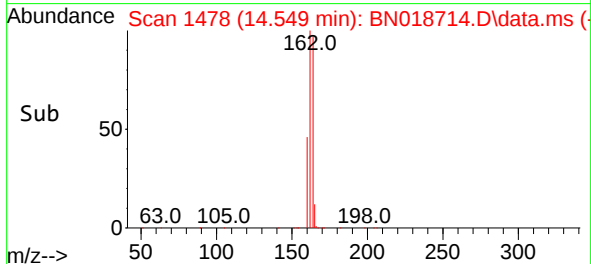
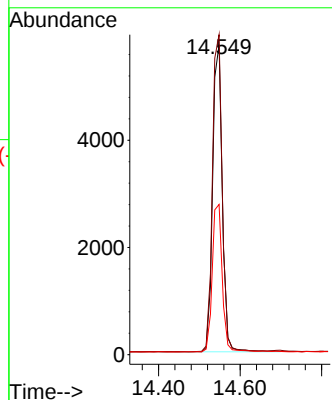
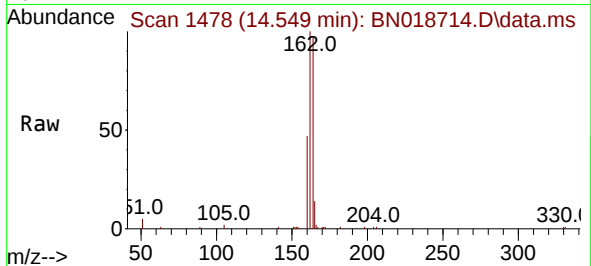




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

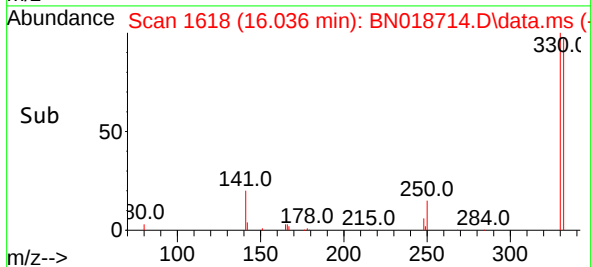
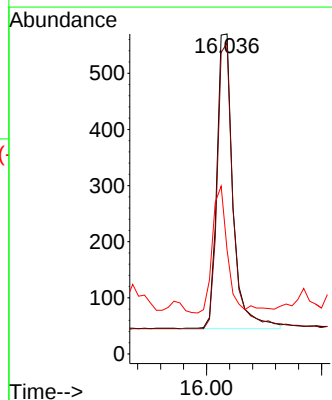
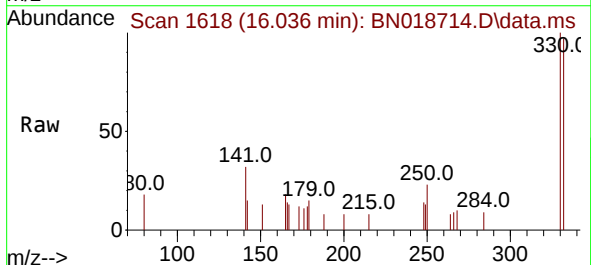
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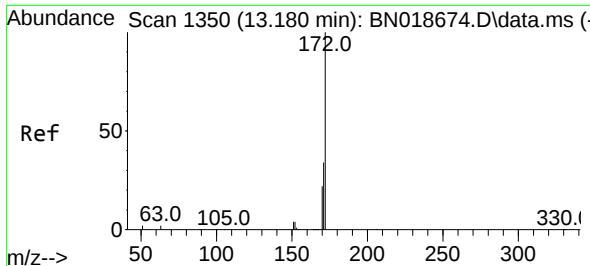
Tgt Ion:164 Resp: 9385
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 48.4 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 16.036 min Scan# 1618
Delta R.T. 0.011 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

Tgt Ion:330 Resp: 1025
Ion Ratio Lower Upper
330 100
332 95.4 0.0 0.0#
141 39.4 21.3 31.9#

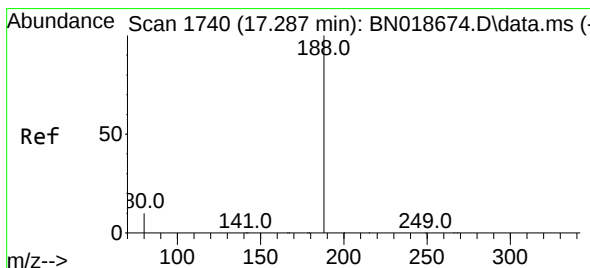
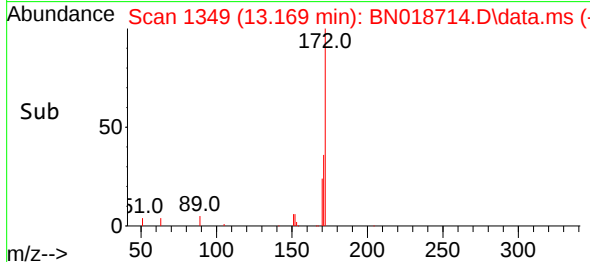
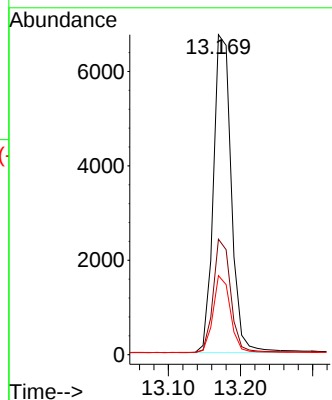
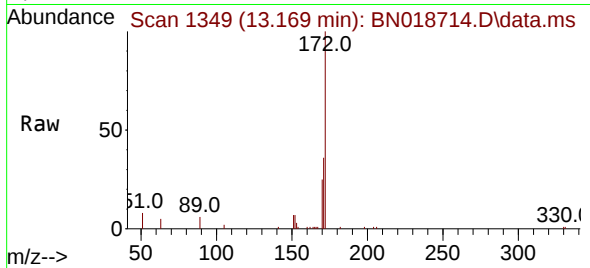




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.169 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

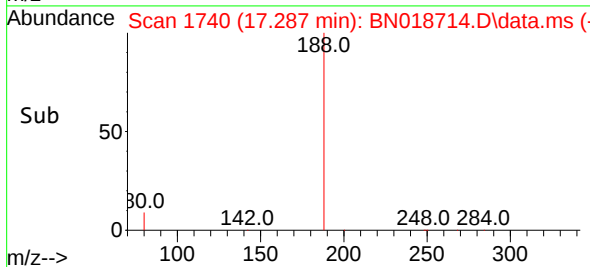
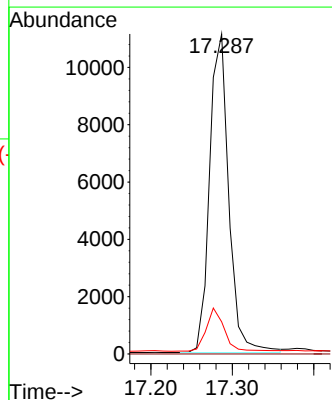
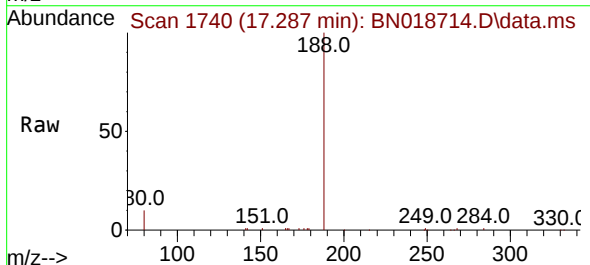
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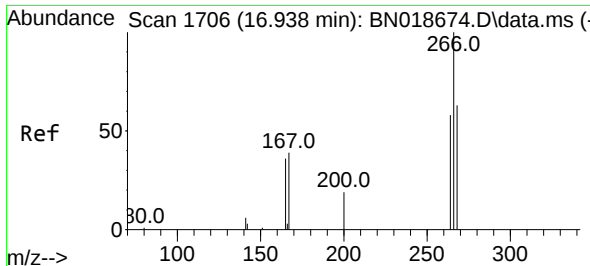
Tgt Ion:172 Resp: 11627
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.0
170 24.7 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.287 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

Tgt Ion:188 Resp: 18153
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.0 10.4

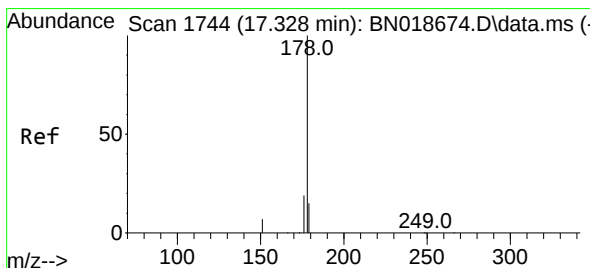
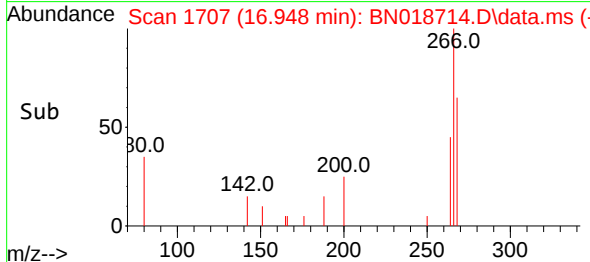
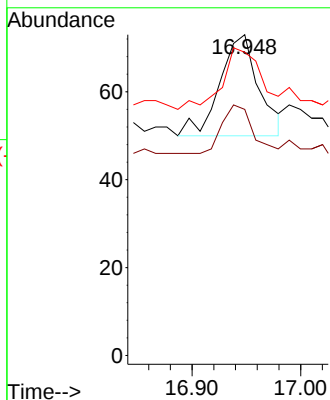
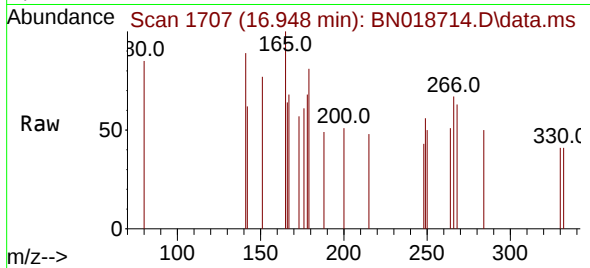




#24
 Pentachlorophenol
 Concen: 0.166 ng
 RT: 16.948 min Scan# 1707
 Delta R.T. 0.010 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

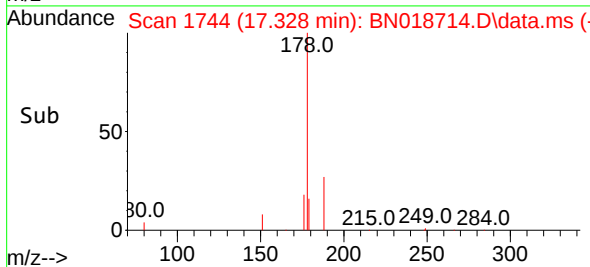
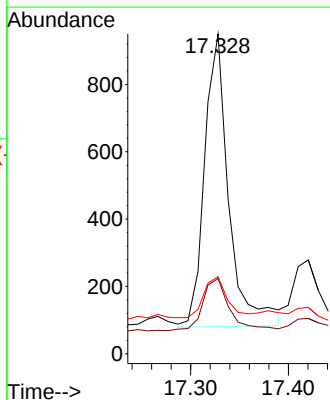
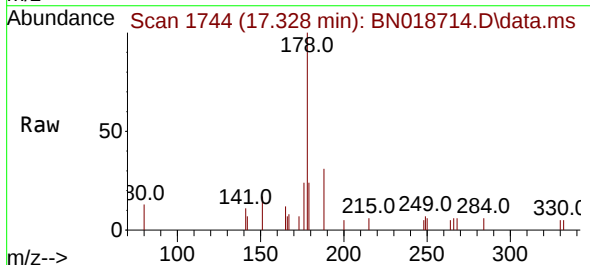
Instrument :
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 ClientSampleId :
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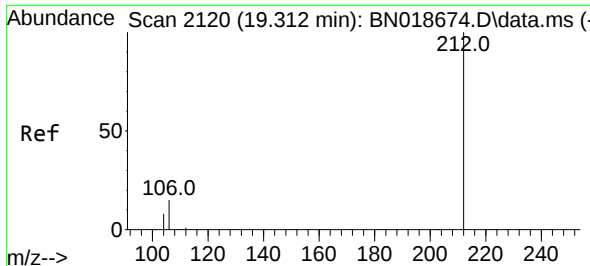
Tgt Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 264 38.6 49.5 74.3#
 268 71.9 50.6 76.0



#25
 Phenanthrene
 Concen: 0.025 ng
 RT: 17.328 min Scan# 1744
 Delta R.T. -0.000 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

Tgt Ion:178 Resp: 1499
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 14.7 12.3 18.5

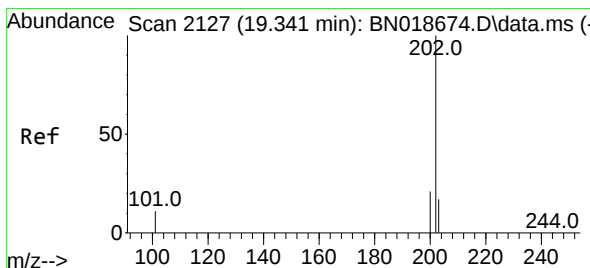
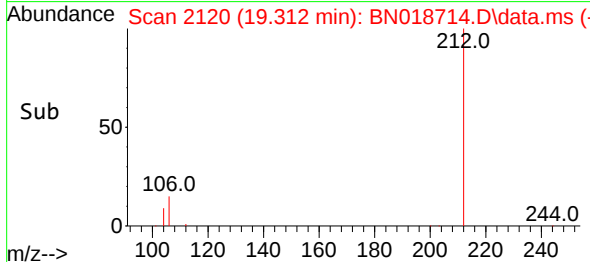
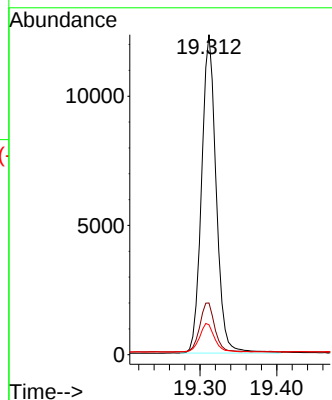
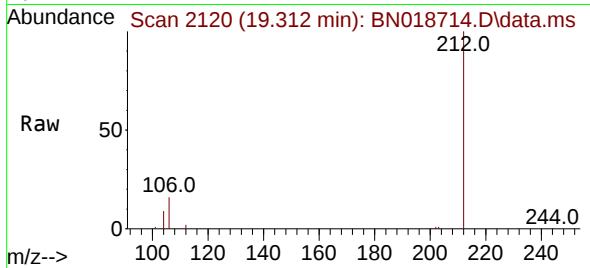




#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.312 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

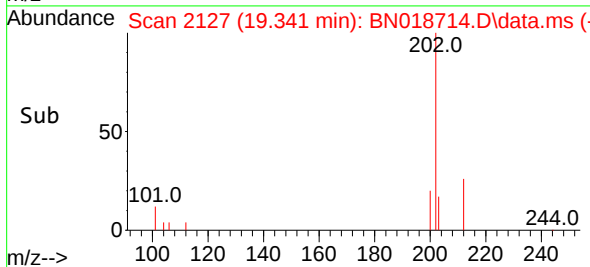
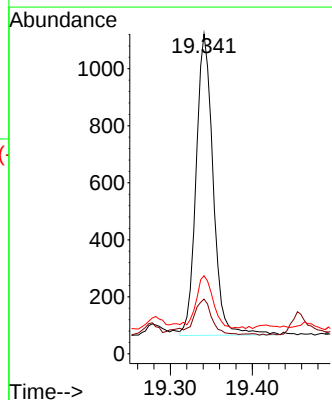
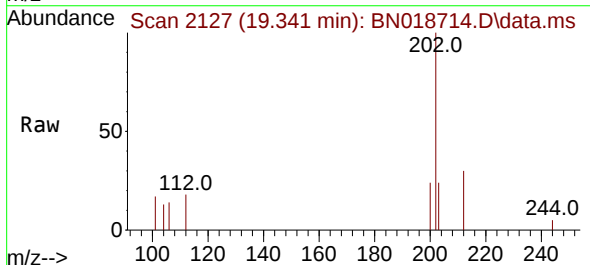
Instrument :
BNA_N
ClientSampleId :
SP-201-20220223E

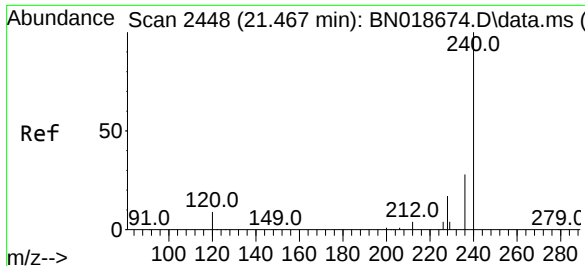
Tgt Ion:212 Resp: 16297
Ion Ratio Lower Upper
212 100
106 15.7 8.4 12.6#
104 9.2 4.5 6.7#



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.341 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

Tgt Ion:202 Resp: 1527
Ion Ratio Lower Upper
202 100
101 13.3 7.2 10.8#
203 18.2 13.7 20.5

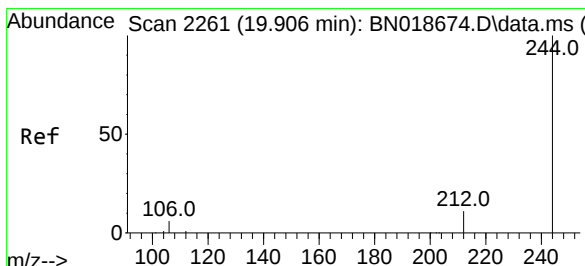
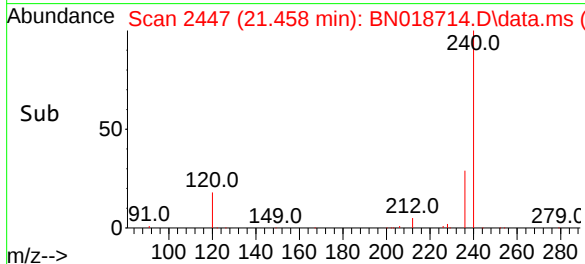
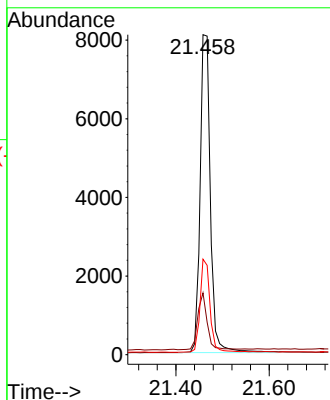
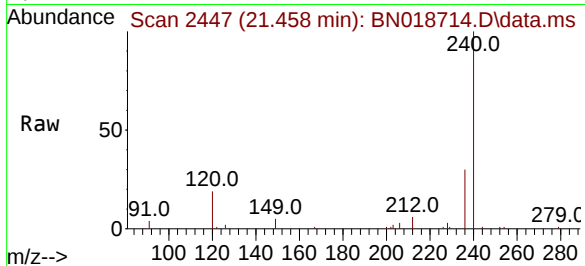




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

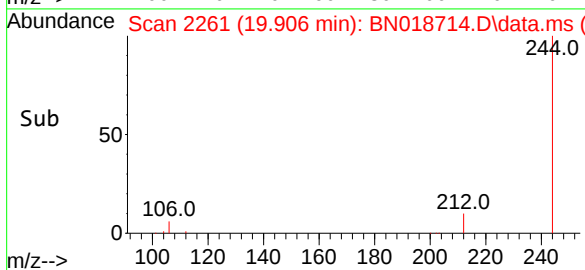
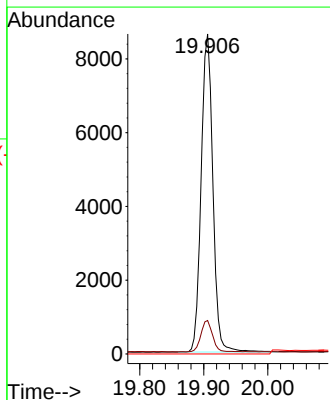
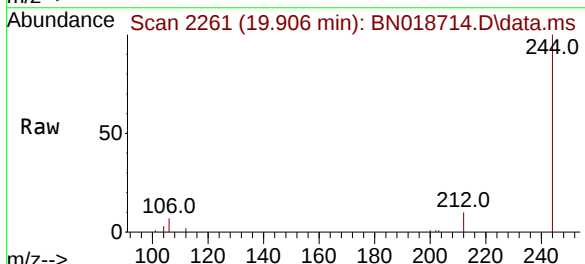
Instrument :
BNA_N
ClientSampleId :
SP-201-20220223E

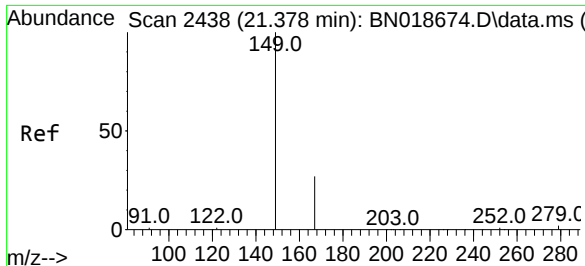
Tgt Ion:240 Resp: 12456
Ion Ratio Lower Upper
240 100
120 19.3 6.0 9.0#
236 29.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.906 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BN018714.D
Acq: 24 Feb 2022 18:57

Tgt Ion:244 Resp: 11284
Ion Ratio Lower Upper
244 100
212 10.4 6.2 9.2#
122 0.0 7.9 11.9#

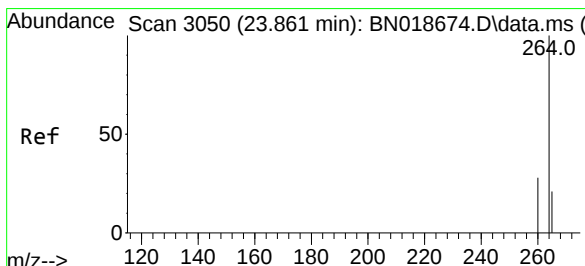
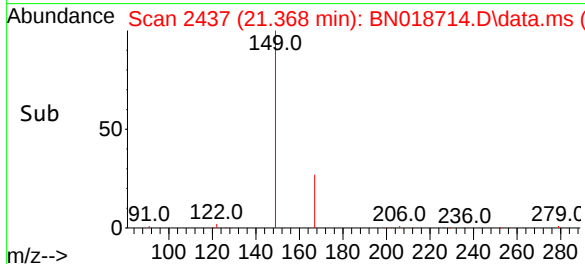
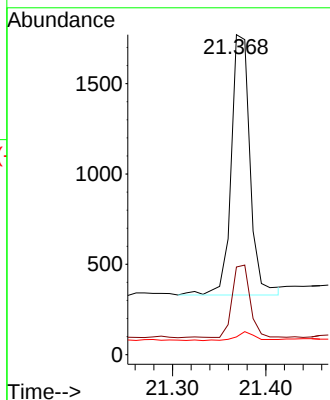
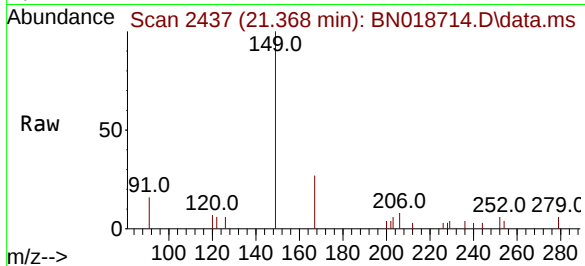




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.368 min Scan# 2437
 Delta R.T. -0.009 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220223E

Tgt Ion:149 Resp: 2031
 Ion Ratio Lower Upper
 149 100
 167 26.1 23.7 35.5
 279 3.3 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.858 min Scan# 3049
 Delta R.T. -0.003 min
 Lab File: BN018714.D
 Acq: 24 Feb 2022 18:57

Tgt Ion:264 Resp: 10212
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.2 30.4
 265 33.2 18.2 27.2#

