

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022422\
 Data File : BN018717.D
 Acq On : 24 Feb 2022 20:44
 Operator : CG/JU
 Sample : N1653-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220223F

Quant Time: Feb 25 00:49:16 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)

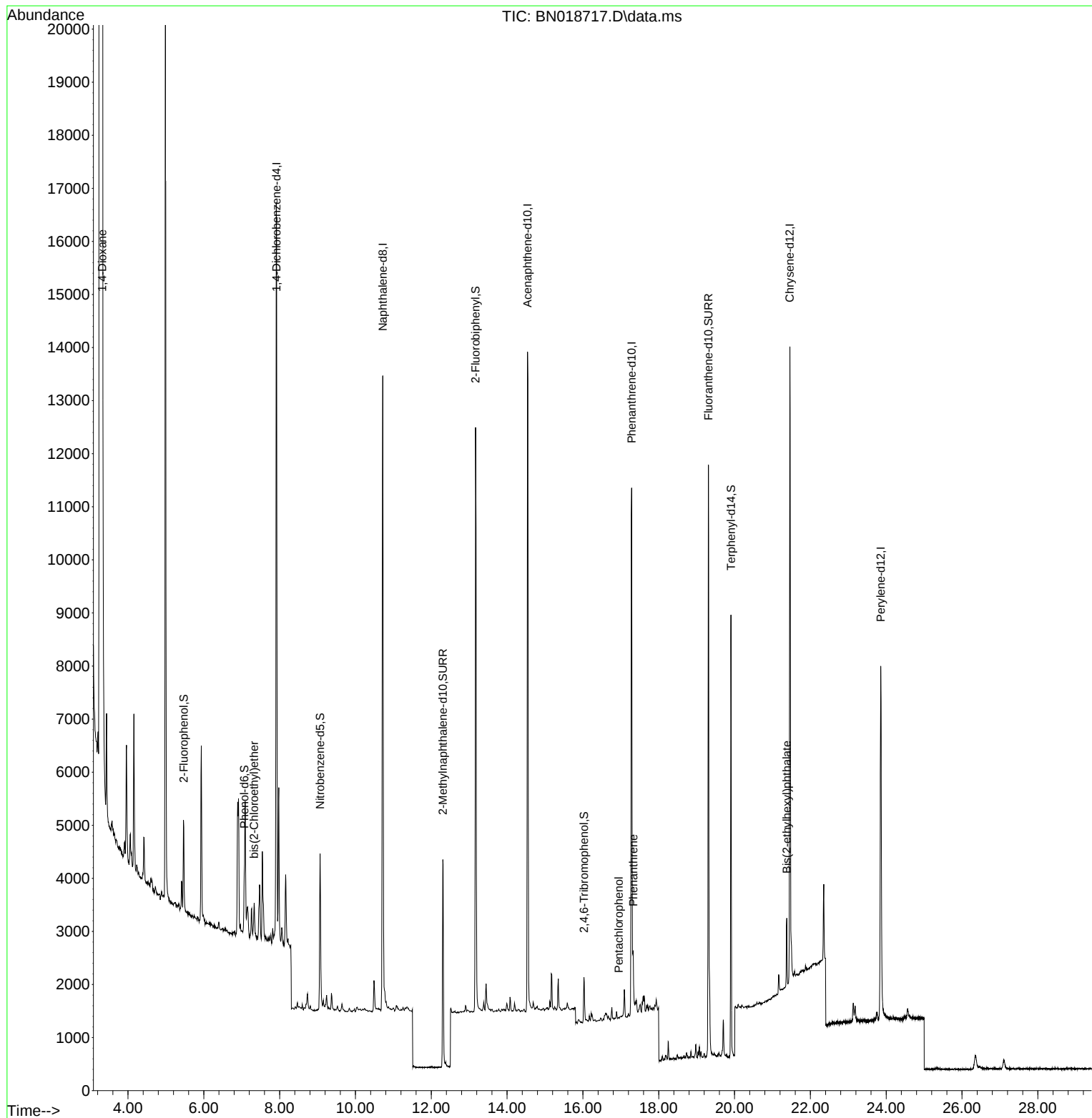
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6704	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	16398	0.400	ng	# 0.00
13) Acenaphthene-d10	14.538	164	7910	0.400	ng	-0.01
19) Phenanthrene-d10	17.287	188	15730	0.400	ng	0.00
29) Chrysene-d12	21.458	240	11835	0.400	ng	# 0.00
35) Perylene-d12	23.858	264	10029	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	1469	0.096	ng	0.00
5) Phenol-d6	7.067	99	1017	0.058	ng	0.00
8) Nitrobenzene-d5	9.067	82	2726	0.215	ng	0.00
11) 2-Methylnaphthalene-d10	12.306	152	5554	0.225	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	585	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	10007	0.267	ng	-0.01
27) Fluoranthene-d10	19.312	212	12681	0.297	ng	0.00
31) Terphenyl-d14	19.906	244	8992	0.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	27462	3.528	ng	# 60
6) bis(2-Chloroethyl)ether	7.327	93	522	0.029	ng	98
24) Pentachlorophenol	16.948	266	20	0.160	ng	# 74
25) Phenanthrene	17.328	178	1078	0.020	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.377	149	1304	0.072	ng	# 98

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

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Operator : CG/JU
Sample : N1653-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-100-20220223F

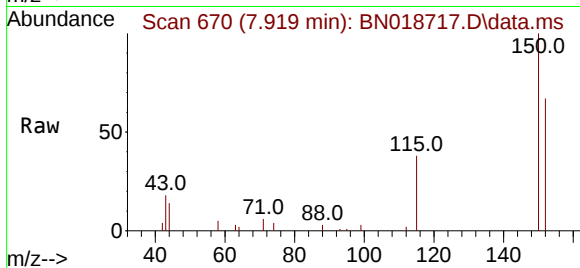
Quant Time: Feb 25 00:49:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration



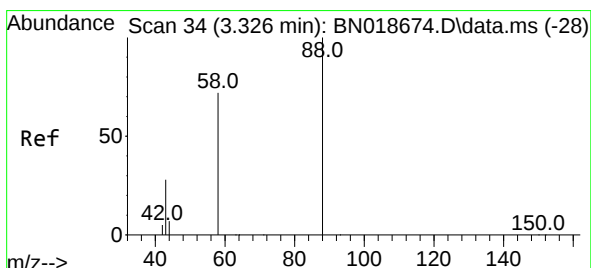
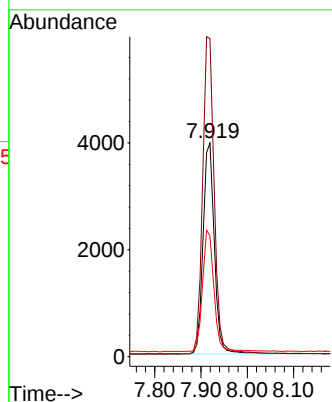
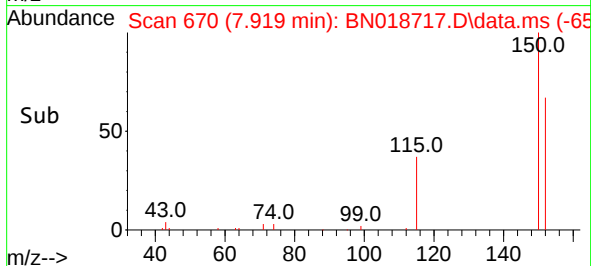


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.919 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN018717.D
 Acq: 24 Feb 2022 20:44

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220223F

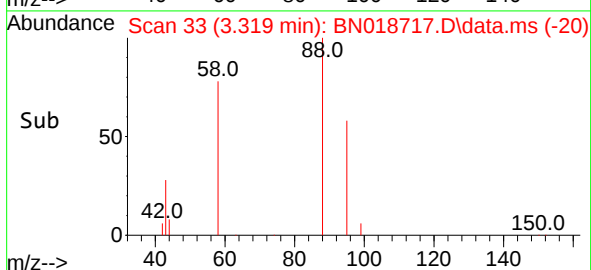
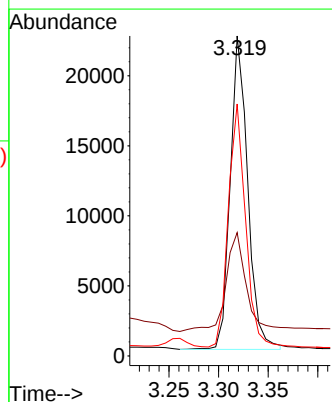
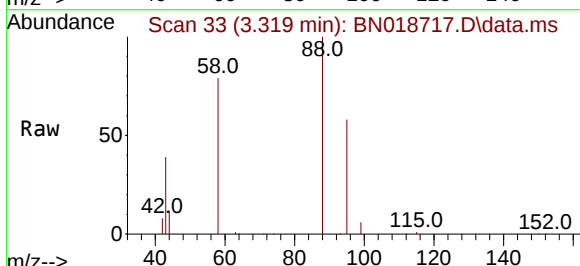


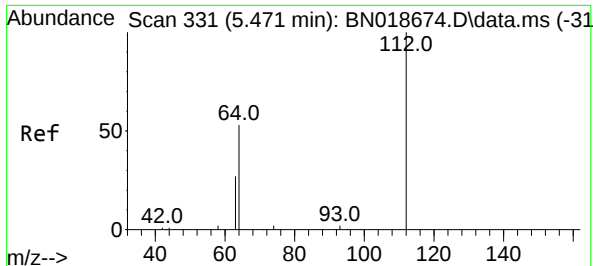
Tgt Ion:152 Resp: 6704
 Ion Ratio Lower Upper
 152 100
 150 149.1 121.7 182.5
 115 56.7 43.8 65.8



#2
 1,4-Dioxane
 Concen: 3.528 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN018717.D
 Acq: 24 Feb 2022 20:44

Tgt Ion: 88 Resp: 27462
 Ion Ratio Lower Upper
 88 100
 43 36.4 69.7 104.5#
 58 76.1 83.8 125.8#

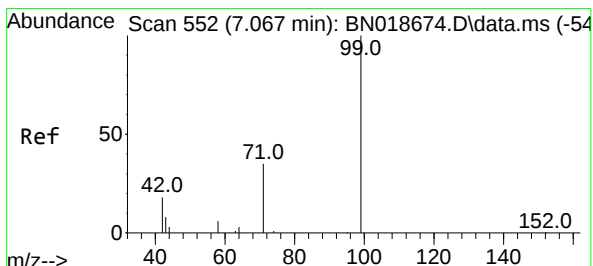
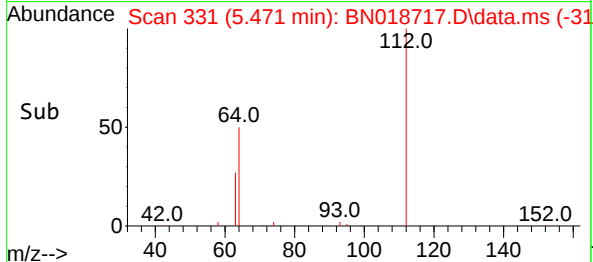
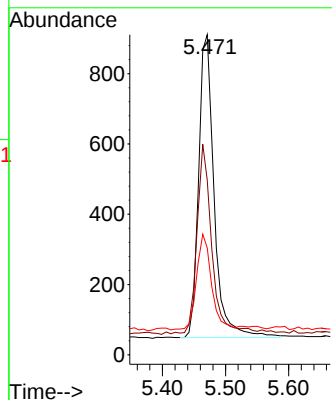
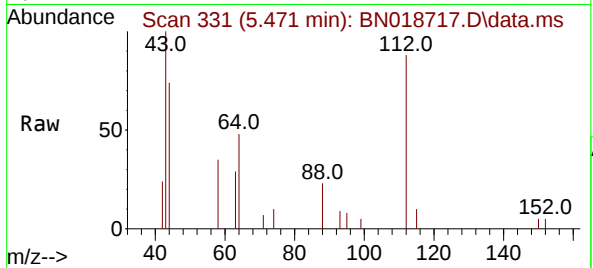




#4
2-Fluorophenol
Concen: 0.096 ng
RT: 5.471 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

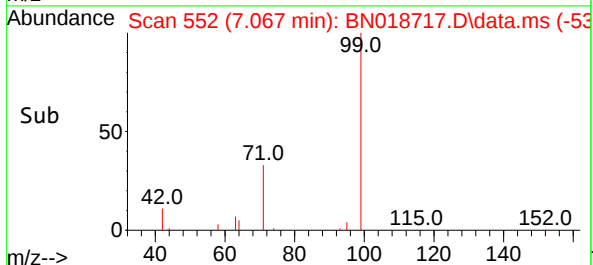
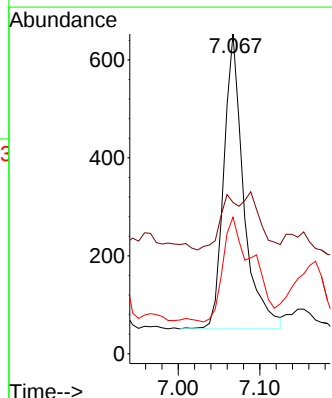
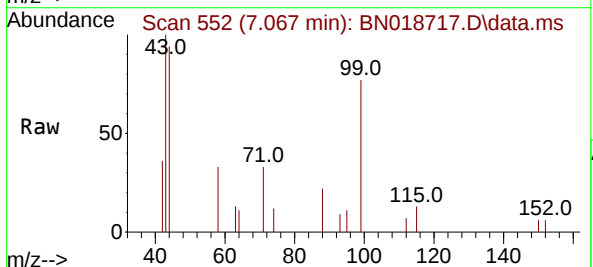
Instrument :
BNA_N
ClientSampleId :
SP-100-20220223F

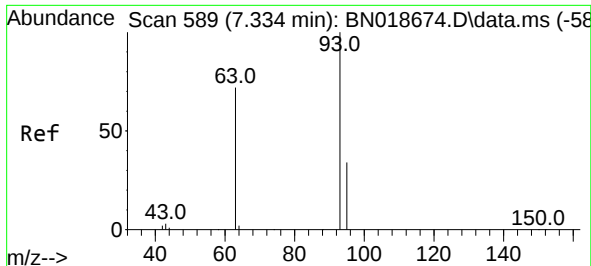
Tgt Ion:	112	Resp:	1469
Ion	Ratio	Lower	Upper
112	100		
64	58.3	48.0	72.0
63	29.6	25.3	37.9



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.067 min Scan# 552
Delta R.T. -0.000 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

Tgt Ion:	99	Resp:	1017
Ion	Ratio	Lower	Upper
99	100		
42	17.3	16.3	24.5
71	53.1	26.8	40.2

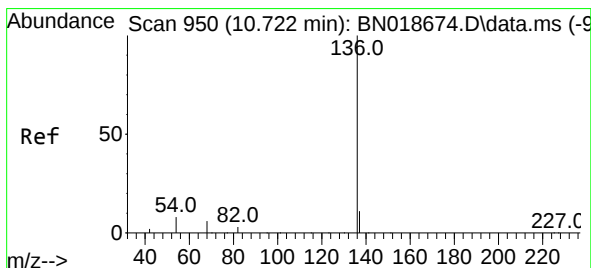
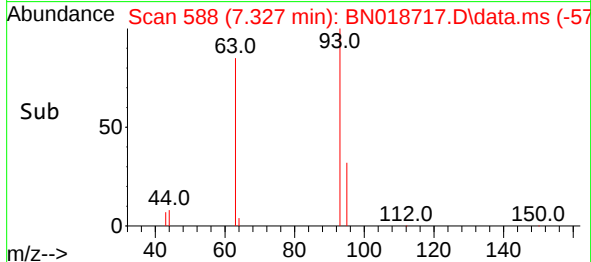
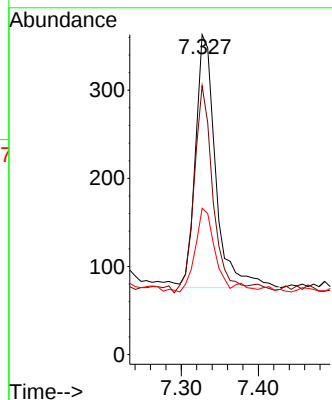
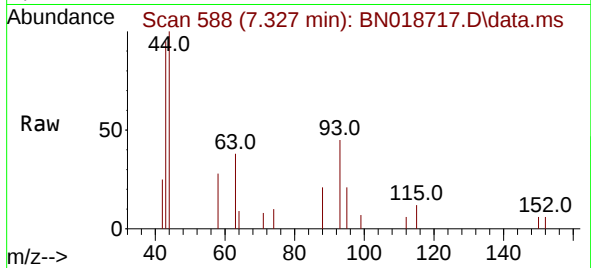




#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.327 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

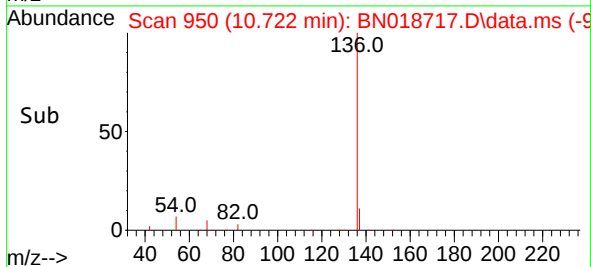
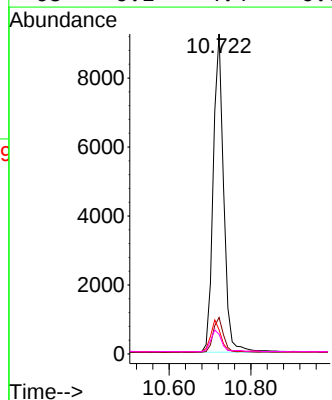
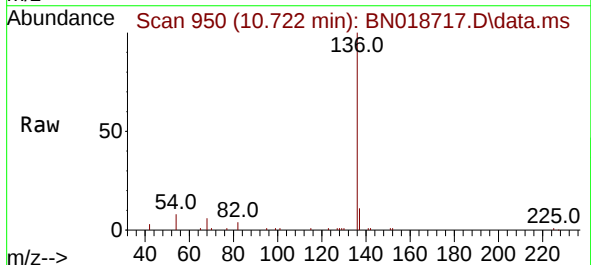
Instrument :
BNA_N
ClientSampleId :
SP-100-20220223F

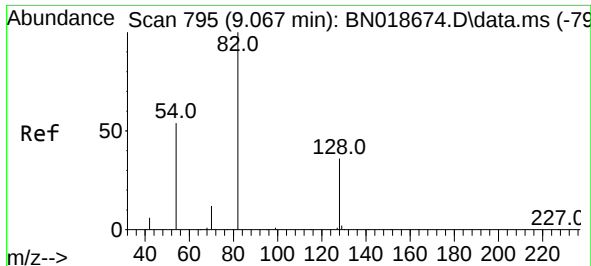
Tgt Ion: 93 Resp: 522
Ion Ratio Lower Upper
93 100
63 77.0 61.7 92.5
95 30.1 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

Tgt Ion: 136 Resp: 16398
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.6 5.0 7.6#
68 6.1 4.4 6.6

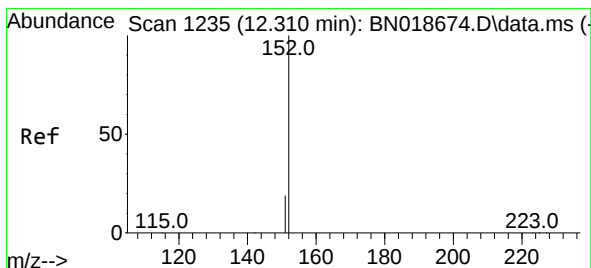
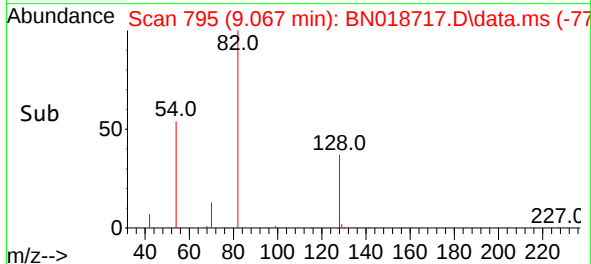
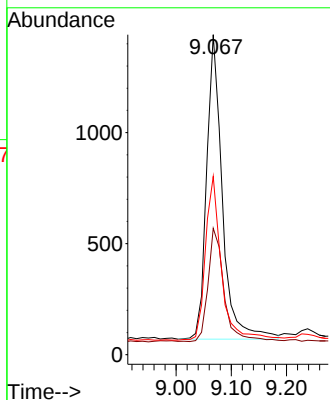
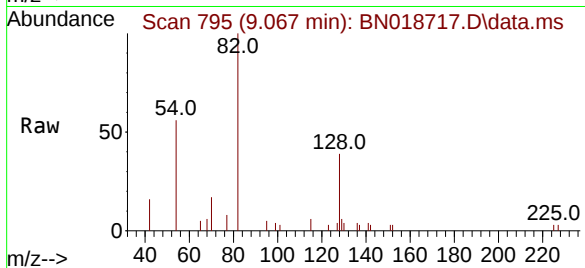




#8
Nitrobenzene-d5
Concen: 0.215 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

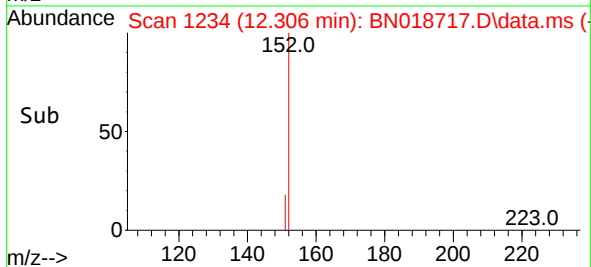
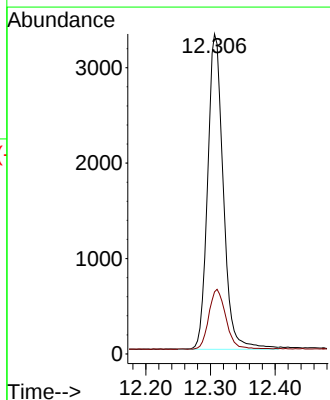
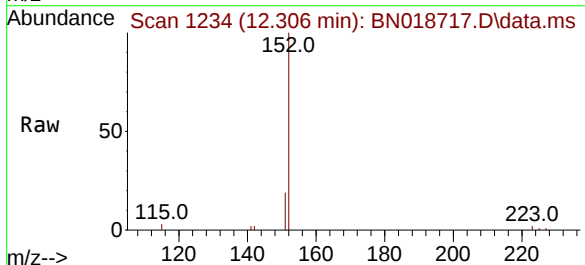
Instrument :
BNA_N
ClientSampleId :
SP-100-20220223F

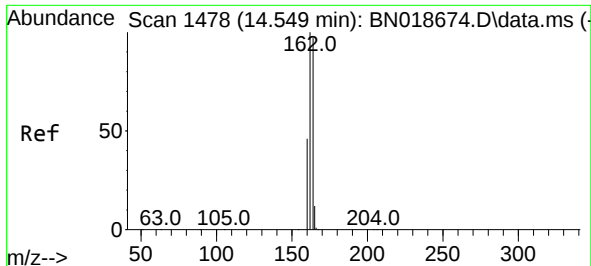
Tgt Ion: 82 Resp: 2726
Ion Ratio Lower Upper
82 100
128 39.5 33.7 50.5
54 55.7 36.6 55.0#



#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 12.306 min Scan# 1234
Delta R.T. -0.004 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

Tgt Ion: 152 Resp: 5554
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2

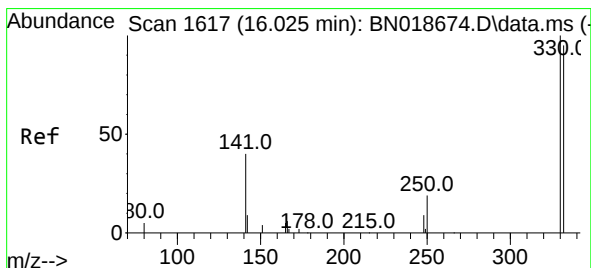
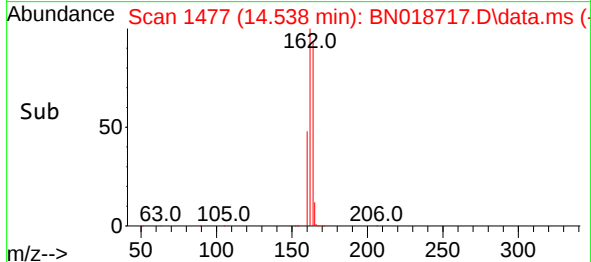
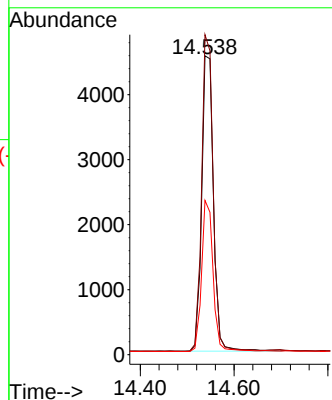
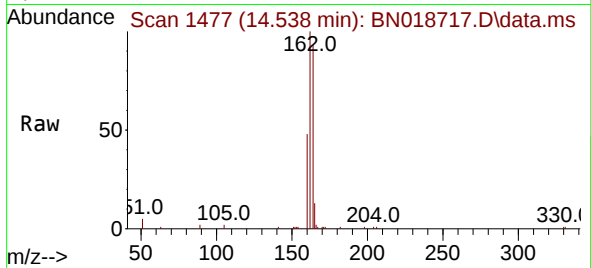




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

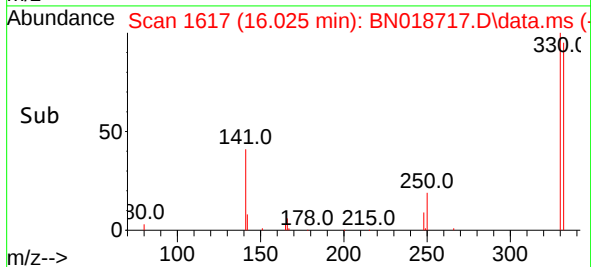
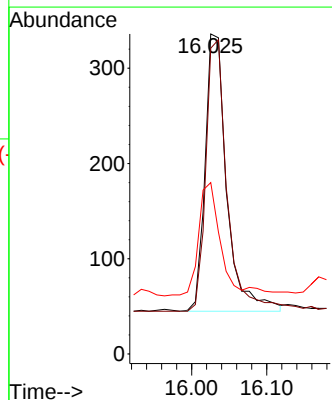
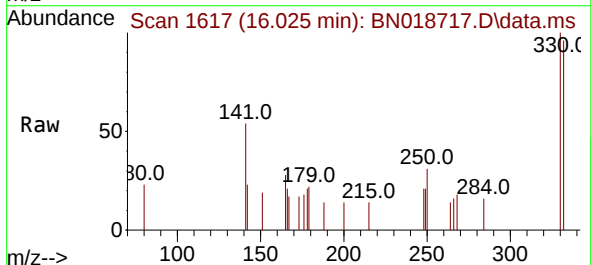
Instrument :
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ClientSampleId :
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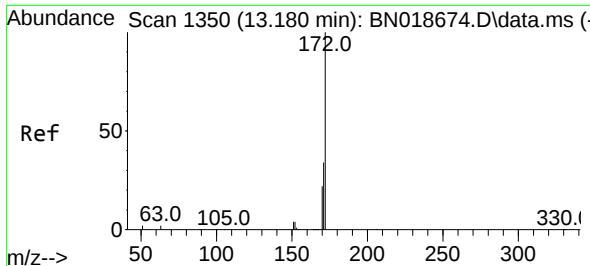
Tgt Ion:164 Resp: 7910
Ion Ratio Lower Upper
164 100
162 107.1 80.2 120.2
160 51.6 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 16.025 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

Tgt Ion:330 Resp: 585
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 42.4 21.3 31.9#

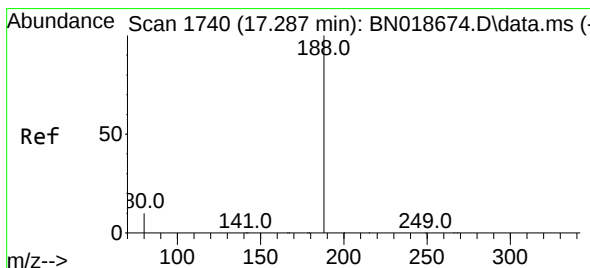
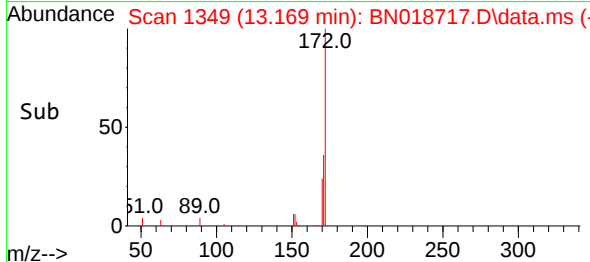
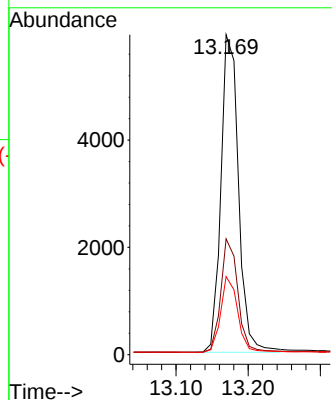
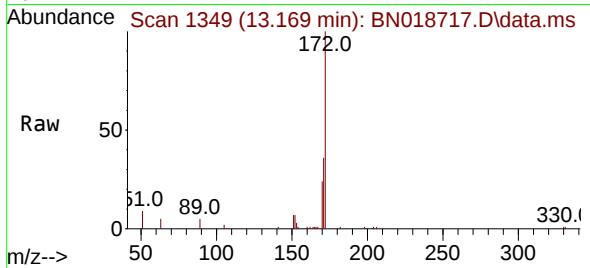




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.169 min Scan# 1349
Delta R.T. -0.011 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

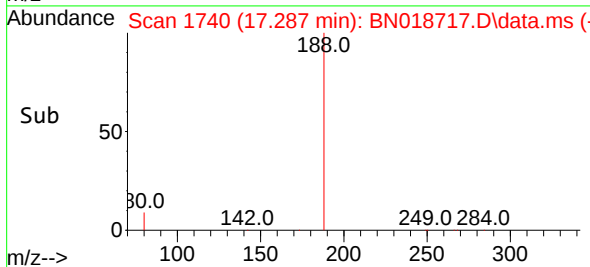
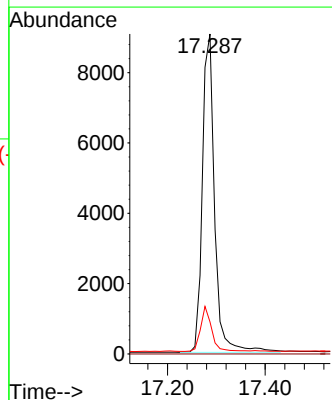
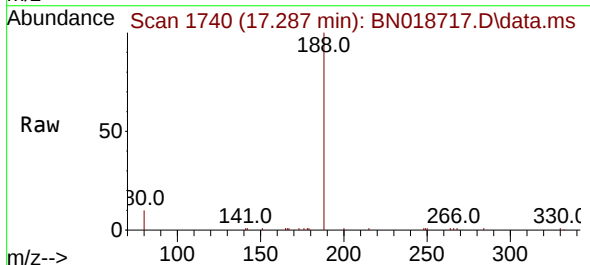
Instrument :
BNA_N
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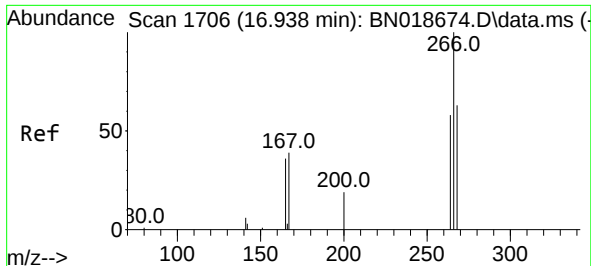
Tgt Ion:	172	Resp:	10007
Ion Ratio	Lower	Upper	
172	100		
171	36.2	27.4	41.0
170	24.4	18.4	27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.287 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

Tgt Ion:	188	Resp:	15730
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	7.0	10.4

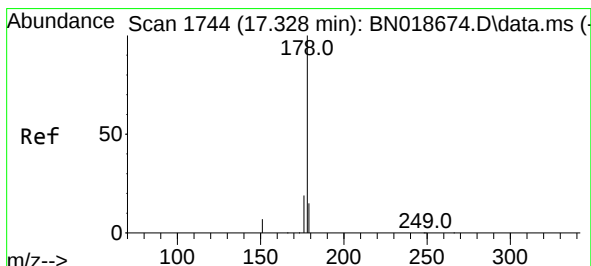
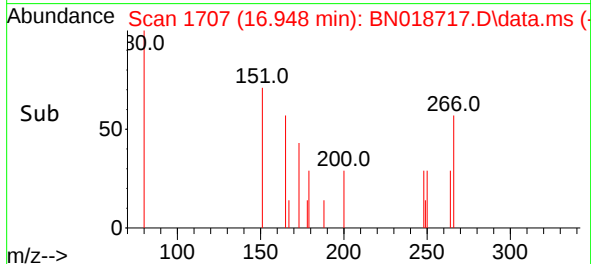
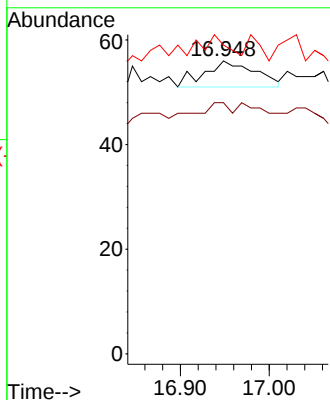
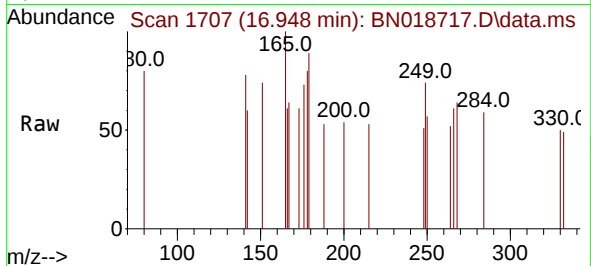




#24
 Pentachlorophenol
 Concen: 0.160 ng
 RT: 16.948 min Scan# 1707
 Delta R.T. 0.011 min
 Lab File: BN018717.D
 Acq: 24 Feb 2022 20:44

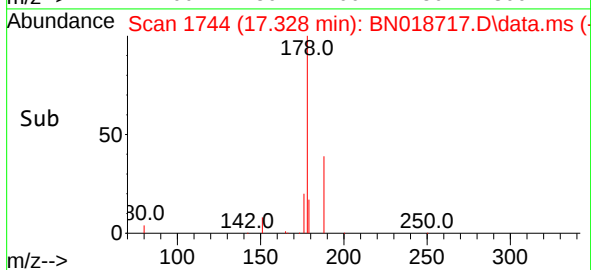
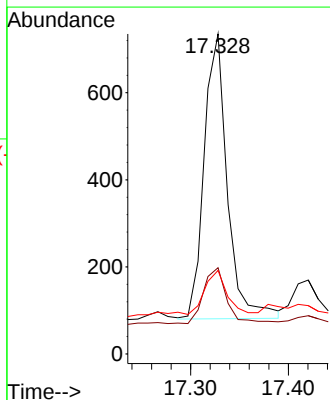
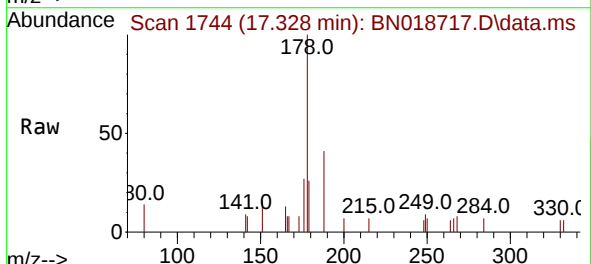
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220223F

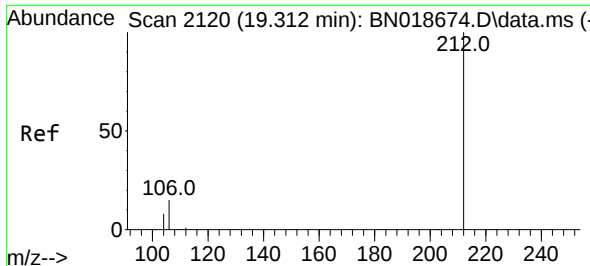
Tgt Ion:266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 35.0 49.5 74.3#
 268 50.0 50.6 76.0#



#25
 Phenanthrene
 Concen: 0.020 ng
 RT: 17.328 min Scan# 1744
 Delta R.T. -0.000 min
 Lab File: BN018717.D
 Acq: 24 Feb 2022 20:44

Tgt Ion:178 Resp: 1078
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.3 22.9
 179 22.2 12.3 18.5#

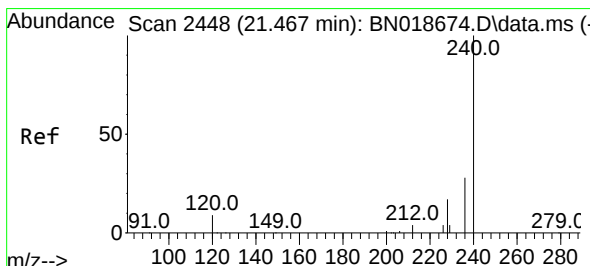
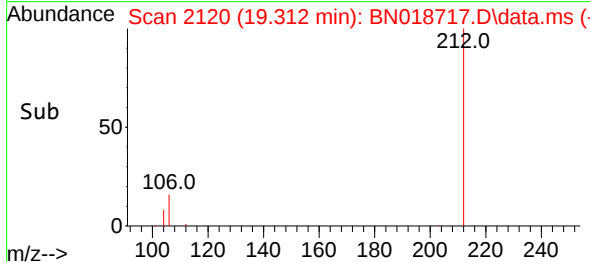
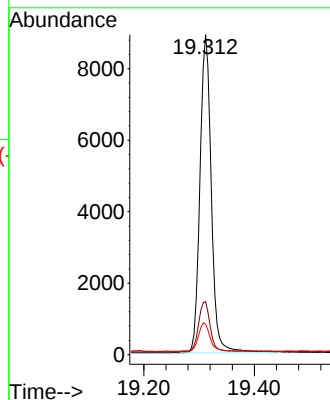
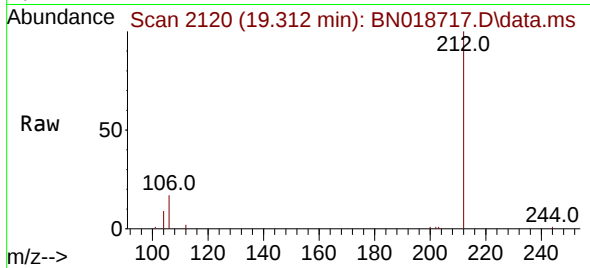




#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.312 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

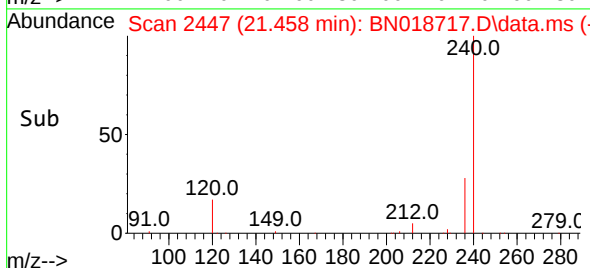
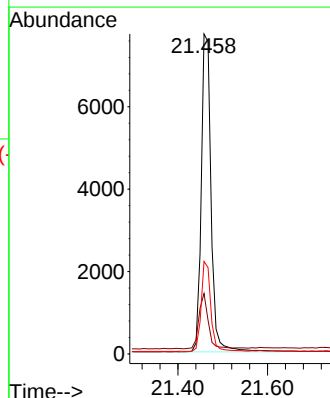
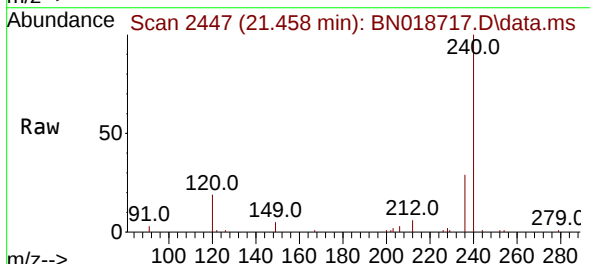
Instrument :
BNA_N
ClientSampleId :
SP-100-20220223F

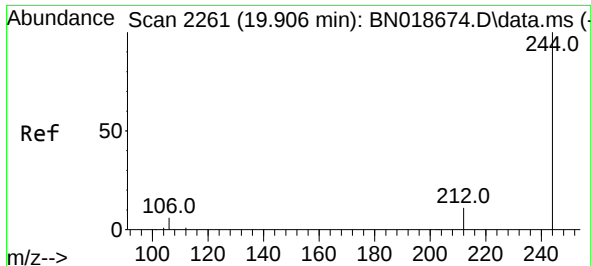
Tgt Ion:212 Resp: 12681
Ion Ratio Lower Upper
212 100
106 15.9 8.4 12.6#
104 9.3 4.5 6.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BN018717.D
Acq: 24 Feb 2022 20:44

Tgt Ion:240 Resp: 11835
Ion Ratio Lower Upper
240 100
120 18.9 6.0 9.0#
236 28.9 21.4 32.2

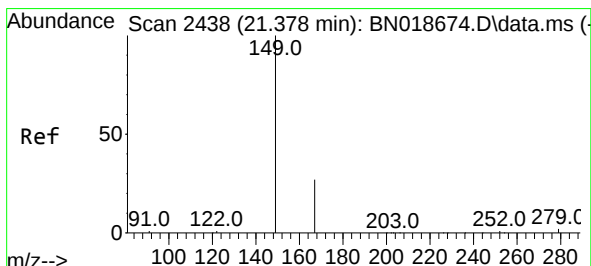
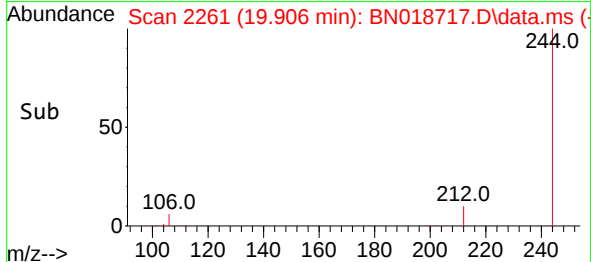
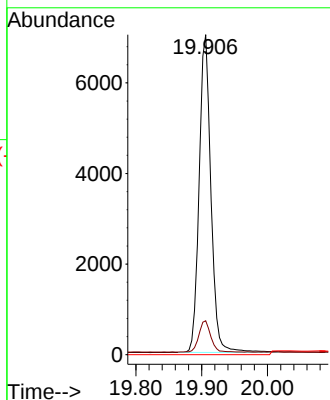
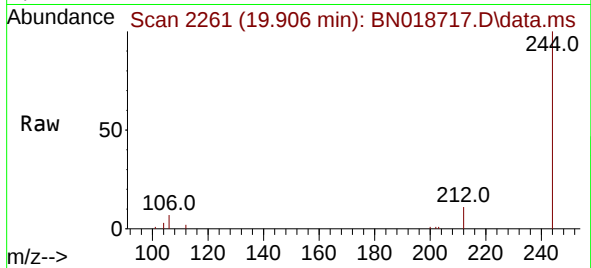




#31
 Terphenyl-d14
 Concen: 0.350 ng
 RT: 19.906 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN018717.D
 Acq: 24 Feb 2022 20:44

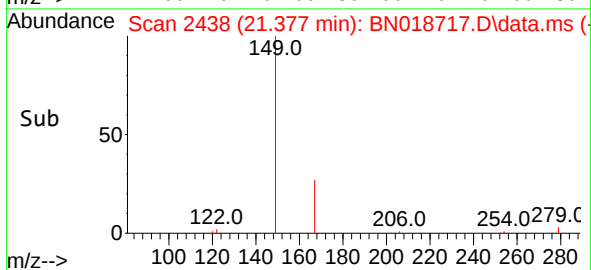
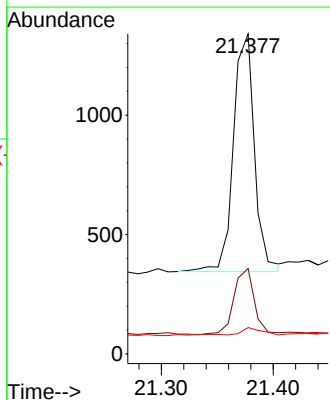
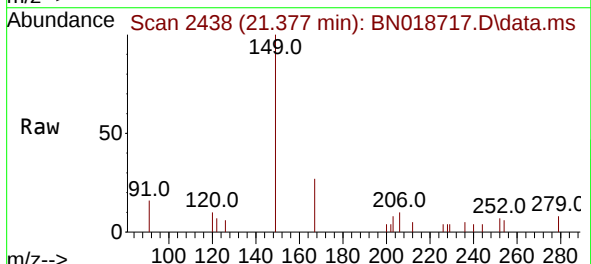
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220223F

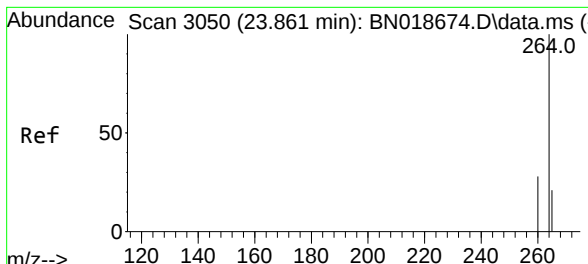
Tgt Ion:244 Resp: 8992
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.2 9.2#
 122 0.0 7.9 11.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.377 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: BN018717.D
 Acq: 24 Feb 2022 20:44

Tgt Ion:149 Resp: 1304
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.7 35.5
 279 2.8 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.858 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN018717.D
 Acq: 24 Feb 2022 20:44

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220223F

Tgt Ion:264 Resp: 10029

Ion	Ratio	Lower	Upper
264	100		
260	28.4	20.2	30.4
265	33.2	18.2	27.2

