

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020521\
 Data File : BN013585.D
 Acq On : 05 Feb 2021 12:30
 Operator : CG/JU
 Sample : M1296-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-158-160

Quant Time: Feb 05 13:03:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 11:21:14 2021
 Response via : Initial Calibration

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

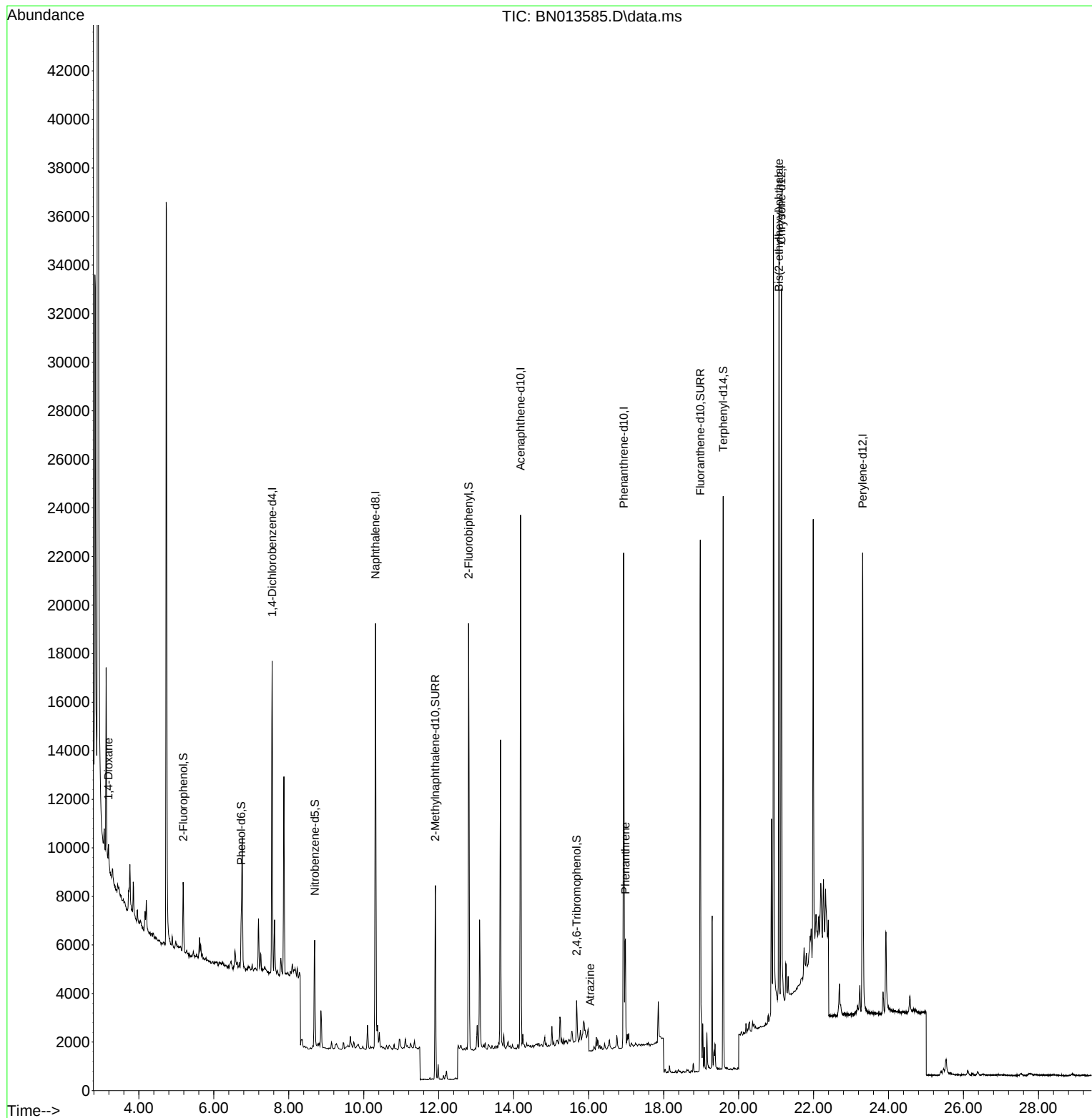
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	5968	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	23178	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	12586	0.40	ng	0.00
19) Phenanthrene-d10	16.933	188	26730	0.40	ng	0.00
29) Chrysene-d12	21.141	240	26428	0.40	ng	# 0.00
36) Perylene-d12	23.308	264	24688	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.188	112	2374	0.14	ng	0.00
5) Phenol-d6	6.734	99	1823	0.08	ng	0.00
8) Nitrobenzene-d5	8.693	82	3760	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	10832	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1041	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	15317	0.28	ng	0.00
27) Fluoranthene-d10	18.977	212	24148	0.29	ng	0.00
31) Terphenyl-d14	19.588	244	22388	0.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.190	88	618	0.08	ng	# 66
23) Atrazine	16.045	200	240	0.02	ng	# 6
25) Phenanthrene	16.982	178	5384	0.06	ng	98
34) Bis(2-ethylhexyl)phtha...	21.077	149	26821	0.93	ng	100

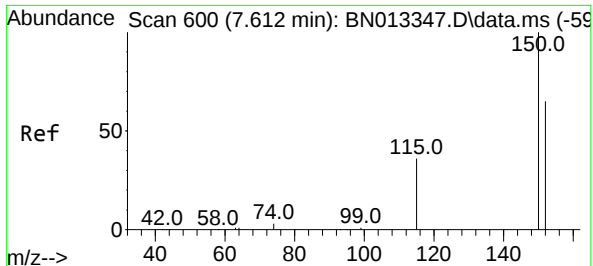
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 11:21:14 2021
Response via : Initial Calibration

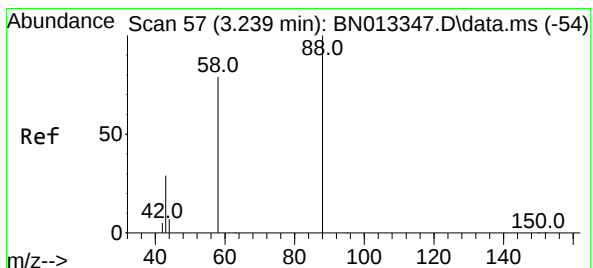
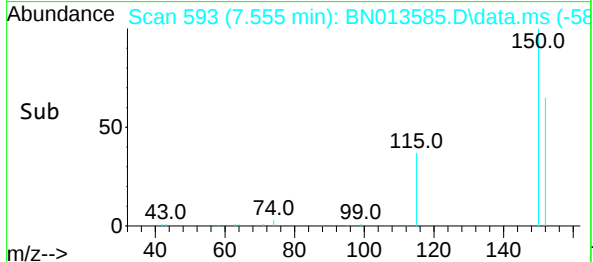
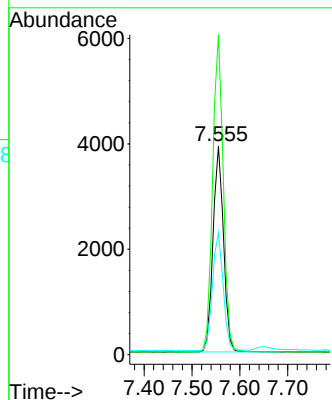
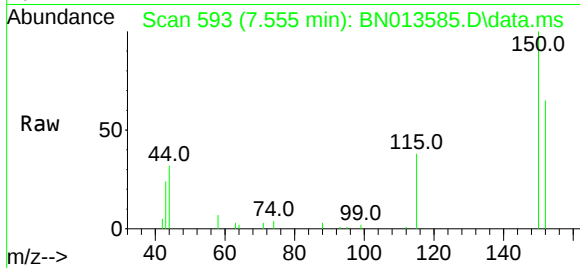




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.555 min Scan# 593
 Delta R.T. 0.000 min
 Lab File: BN013585.D
 Acq: 05 Feb 2021 12:30

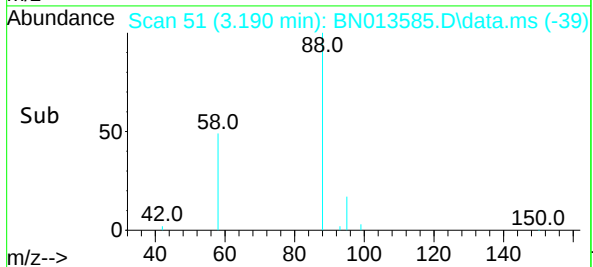
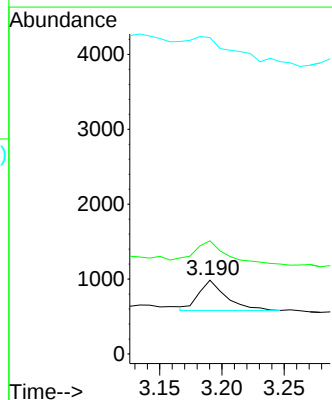
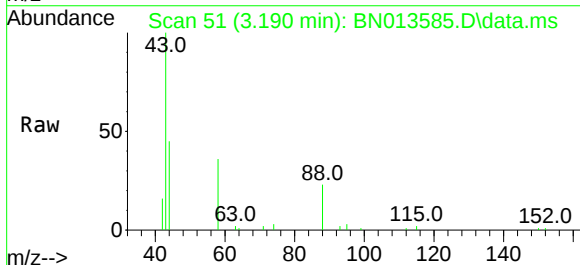
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-158-160

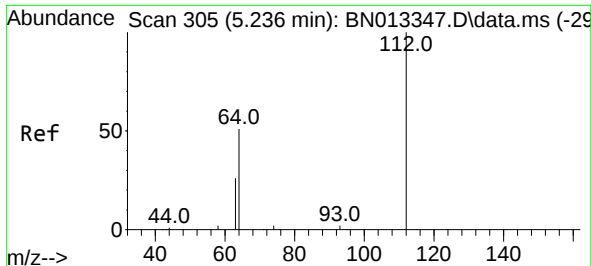
Tgt Ion:	152	Resp:	5968
Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.8	182.8
115	58.5	46.6	69.8



#2
 1,4-Dioxane
 Concen: 0.08 ng
 RT: 3.190 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN013585.D
 Acq: 05 Feb 2021 12:30

Tgt Ion:	88	Resp:	618
Ion	Ratio	Lower	Upper
88	100		
58	102.3	64.6	96.8#
43	0.0	26.6	40.0#

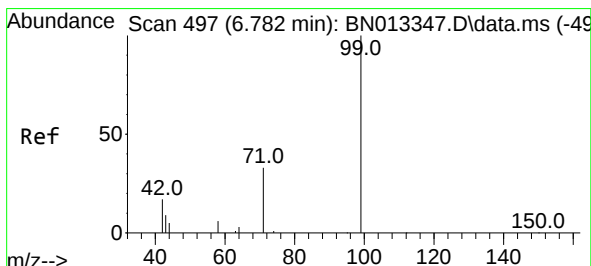
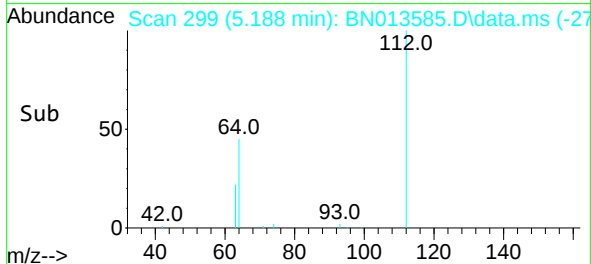
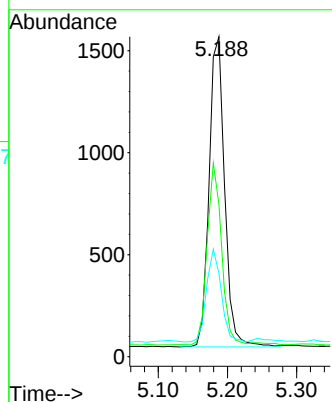
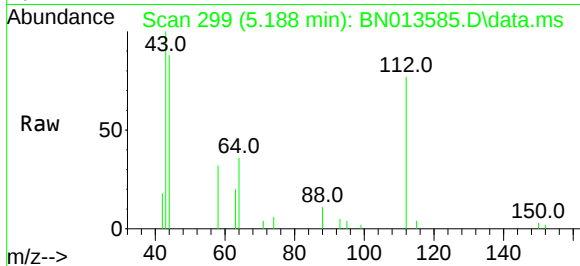




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

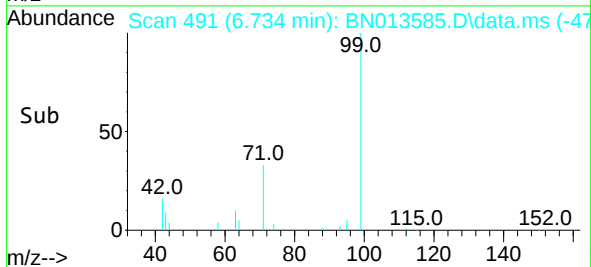
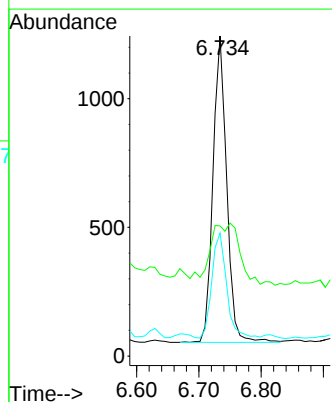
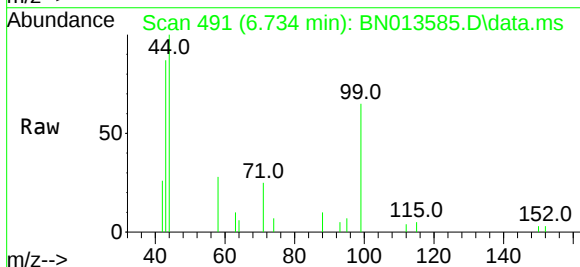
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-158-160

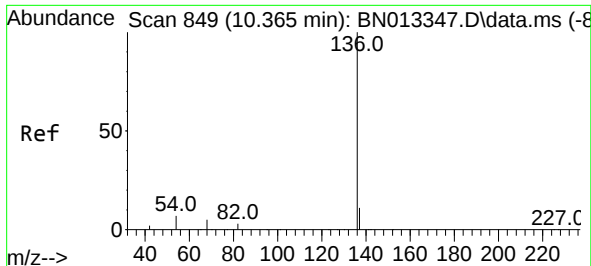
Tgt Ion:112 Resp: 2374
Ion Ratio Lower Upper
112 100
64 54.1 44.3 66.5
63 28.3 23.0 34.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.734 min Scan# 491
Delta R.T. -0.000 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

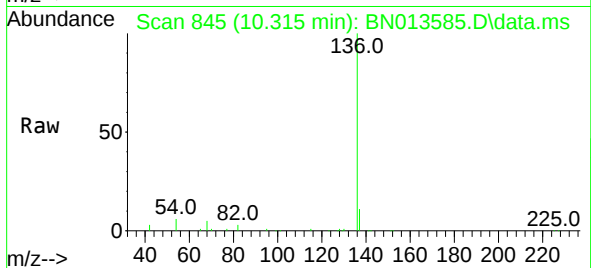
Tgt Ion: 99 Resp: 1823
Ion Ratio Lower Upper
99 100
42 43.9 15.2 22.8#
71 37.3 26.1 39.1



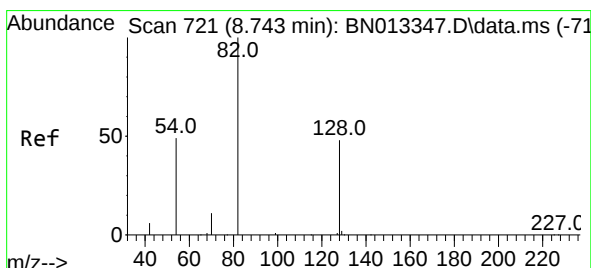
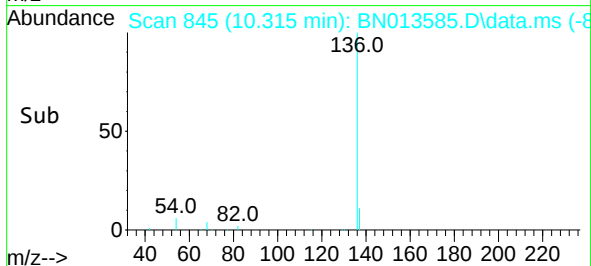
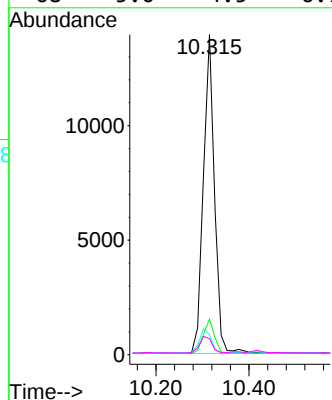


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-158-160

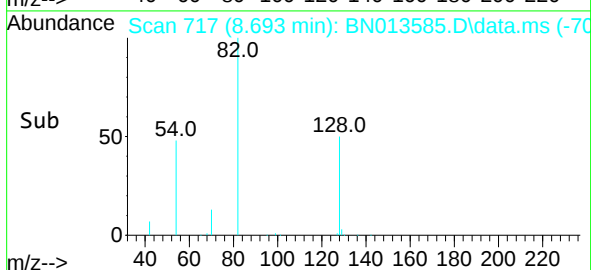
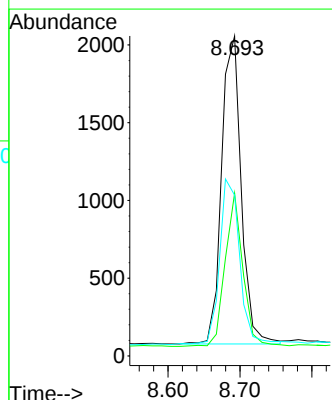
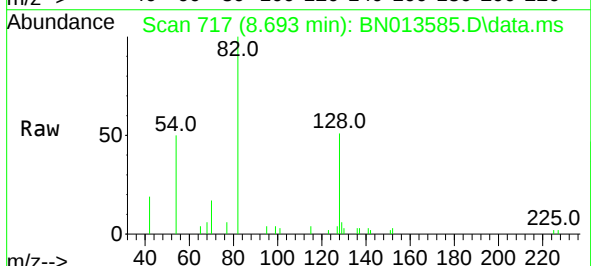


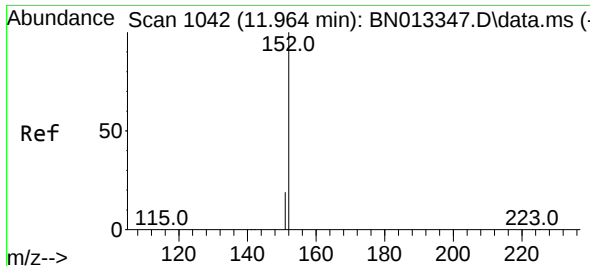
Tgt Ion:	136	Resp:	23178
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	6.2	6.4	9.6#
68	5.0	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.693 min Scan# 717
Delta R.T. -0.000 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

Tgt Ion:	82	Resp:	3760
Ion Ratio	Lower	Upper	
82	100		
128	50.9	39.2	58.8
54	50.2	40.1	60.1

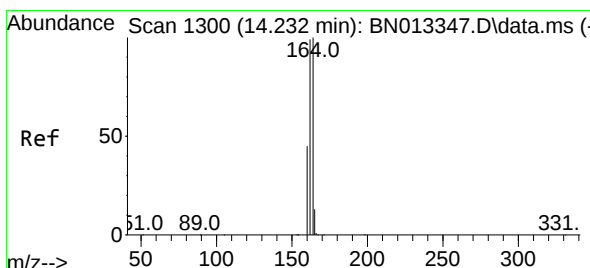
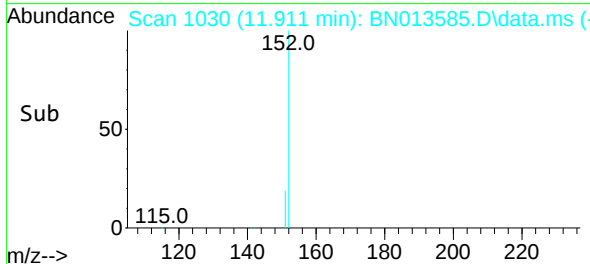
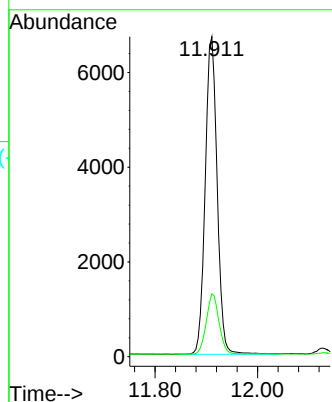
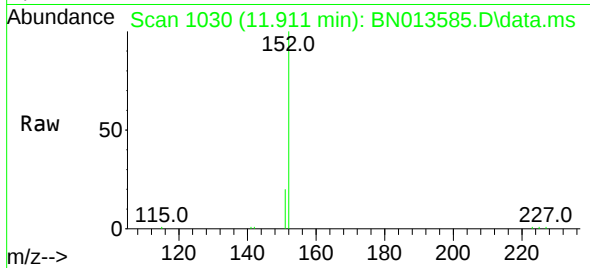




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.911 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

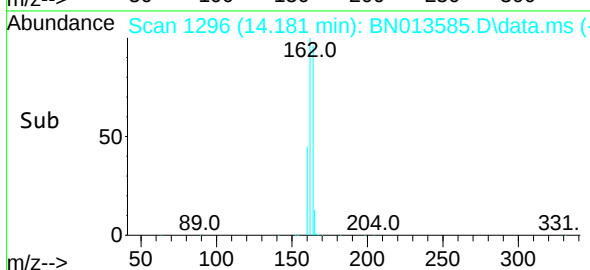
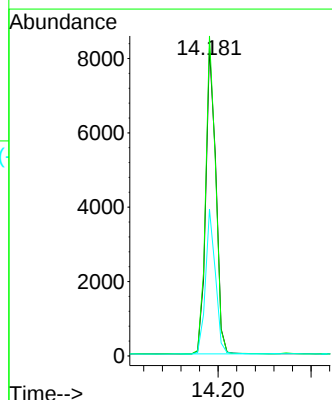
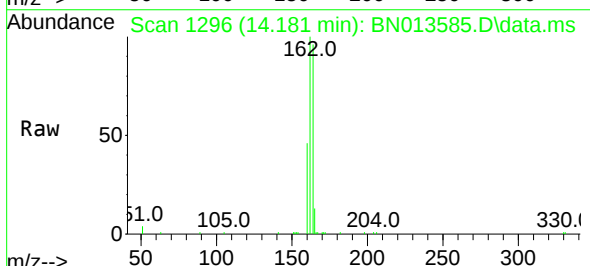
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-158-160

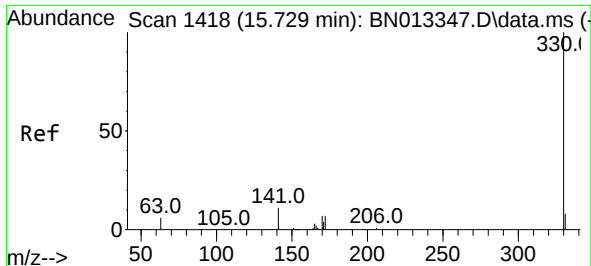
Tgt Ion:152 Resp: 10832
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

Tgt Ion:164 Resp: 12586
Ion Ratio Lower Upper
164 100
162 103.9 79.6 119.4
160 47.6 36.0 54.0

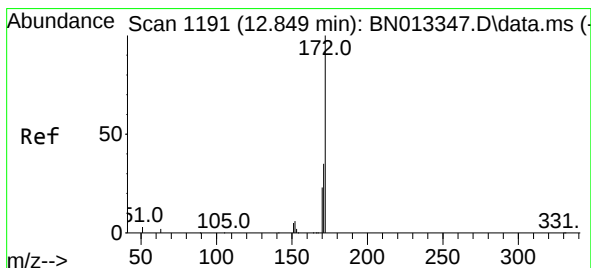
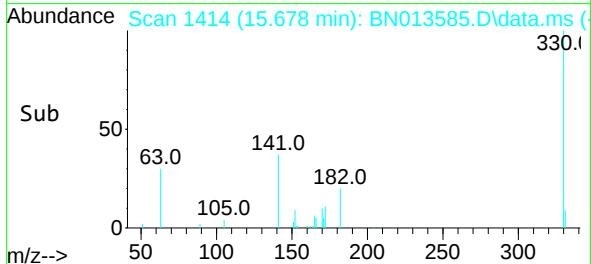
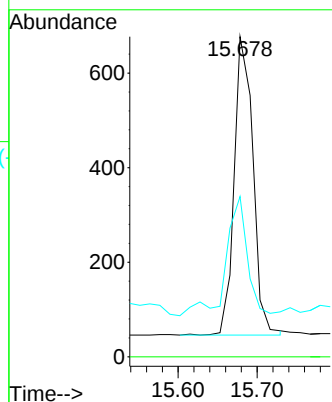
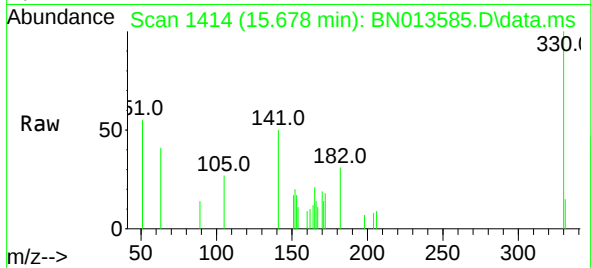




#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

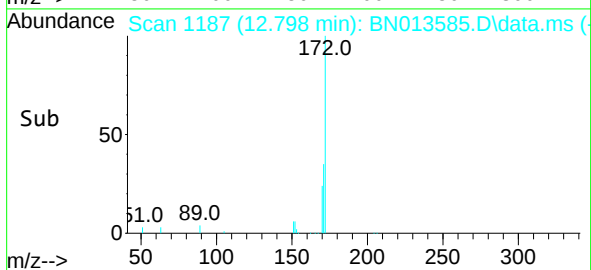
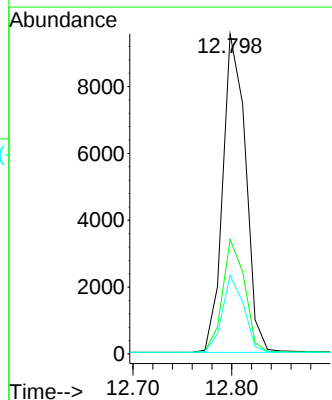
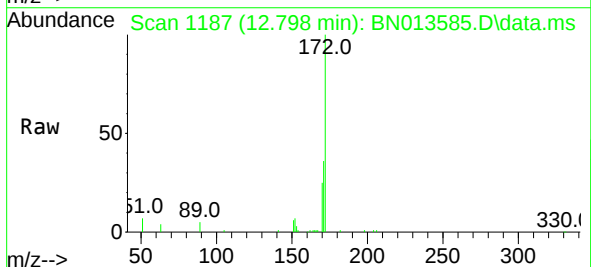
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-158-160

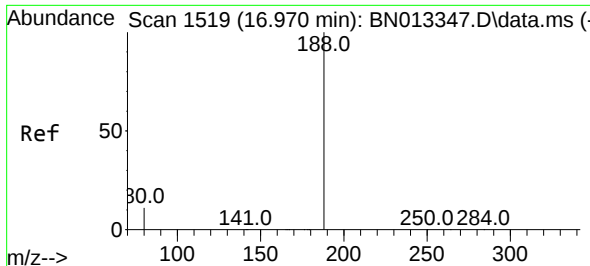
Tgt Ion:330 Resp: 1041
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.1 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

Tgt Ion:172 Resp: 15317
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.6 18.9 28.3

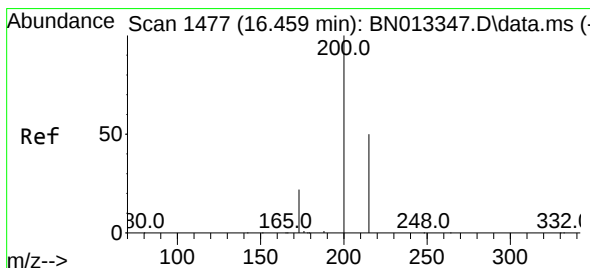
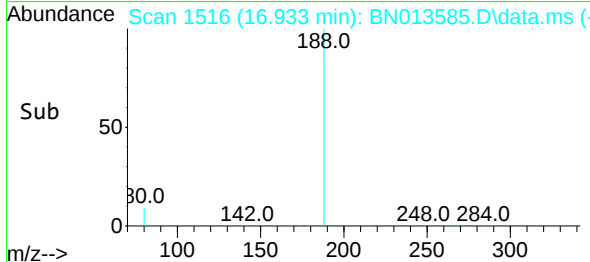
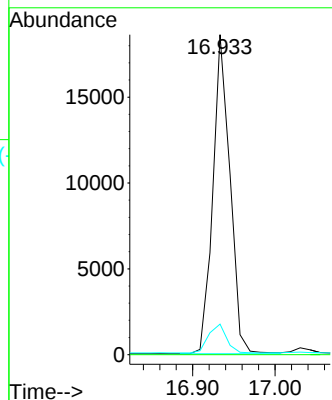
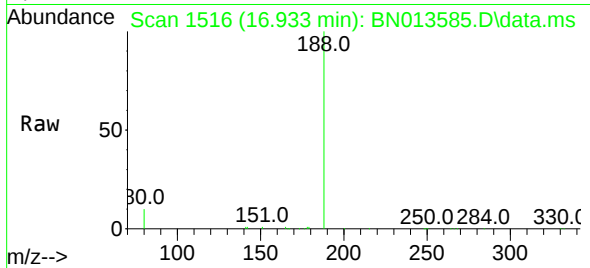




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.933 min Scan# 1516
Delta R.T. -0.001 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

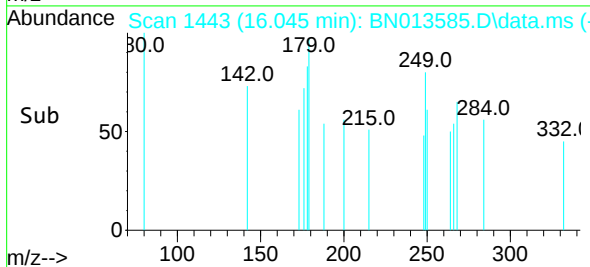
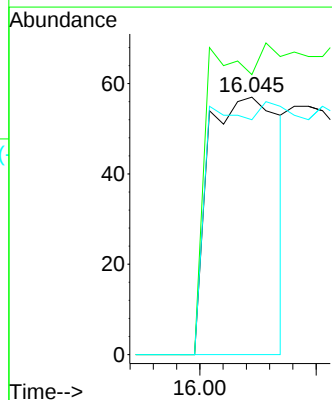
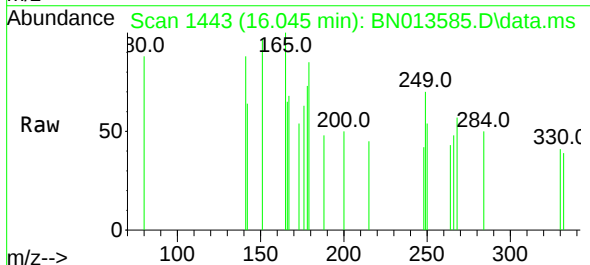
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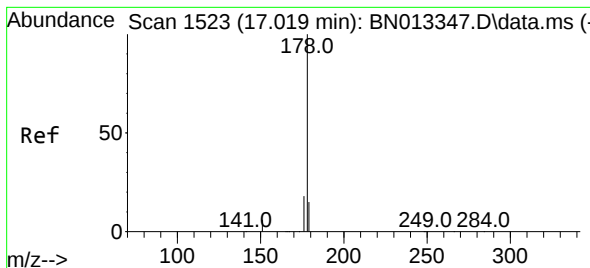
Tgt Ion:188 Resp: 26730
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.0 13.6



#23
Atrazine
Concen: 0.02 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.366 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

Tgt Ion:200 Resp: 240
Ion Ratio Lower Upper
200 100
173 108.8 18.6 28.0#
215 91.2 41.0 61.6#





#25

Phenanthrene

Concen: 0.06 ng

RT: 16.982 min Scan# 1520

Delta R.T. 0.012 min

Lab File: BN013585.D

Acq: 05 Feb 2021 12:30

Tgt Ion:178 Resp: 5384

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

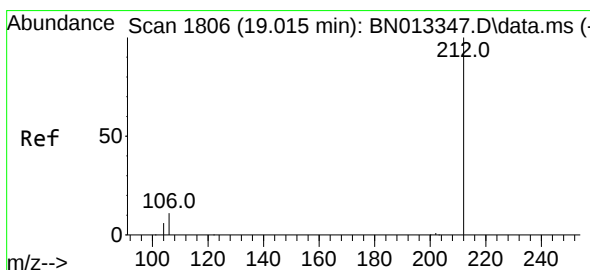
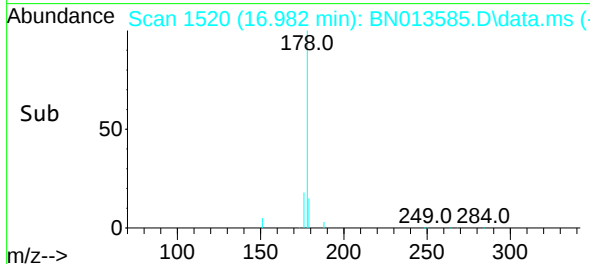
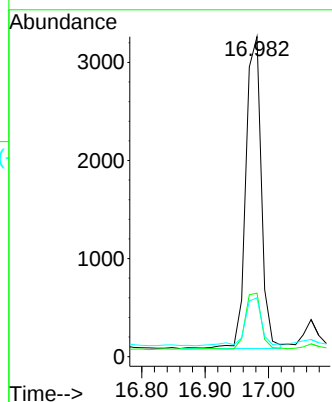
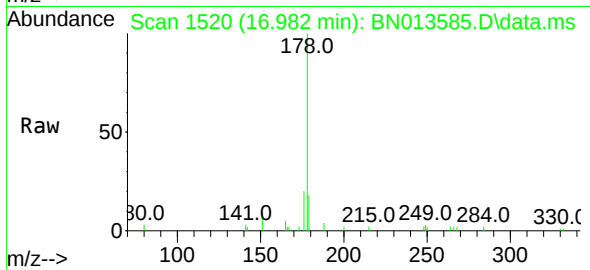
179 16.7 12.3 18.5

Instrument :

BNA_N

ClientSampleId :

BP-TT-VPB-RW6-GW-158-160



#27

Fluoranthene-d10

Concen: 0.29 ng

RT: 18.977 min Scan# 1800

Delta R.T. 0.002 min

Lab File: BN013585.D

Acq: 05 Feb 2021 12:30

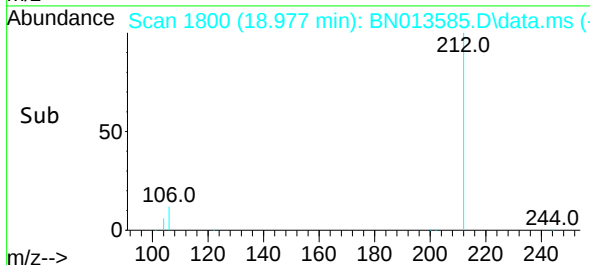
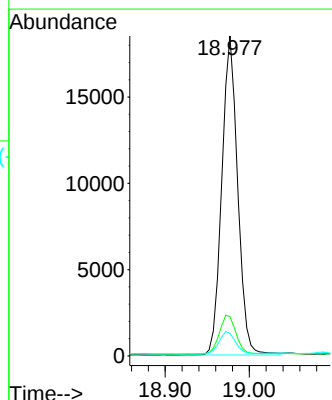
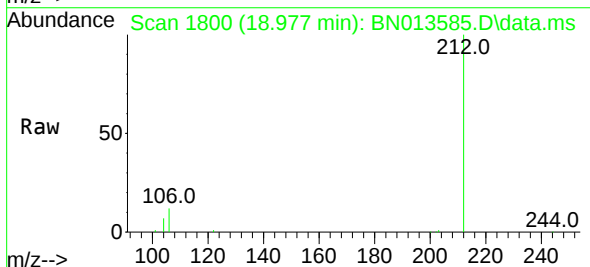
Tgt Ion:212 Resp: 24148

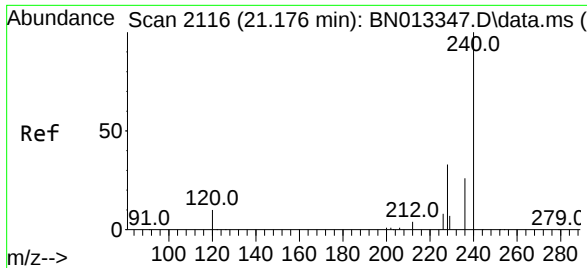
Ion Ratio Lower Upper

212 100

106 13.1 9.7 14.5

104 7.2 5.5 8.3

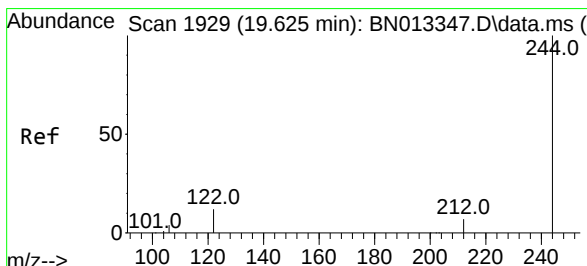
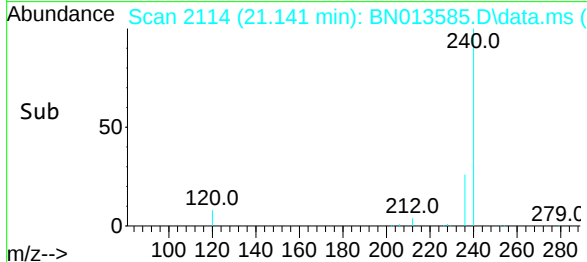
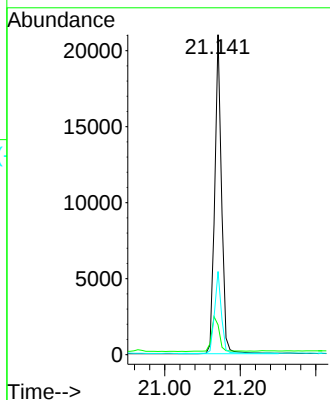
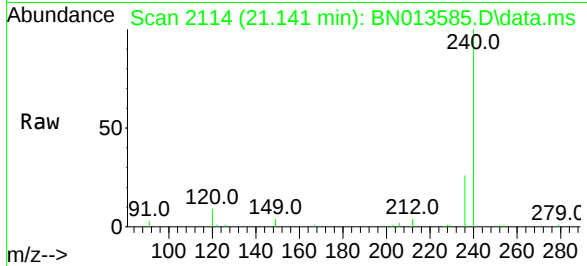




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.141 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

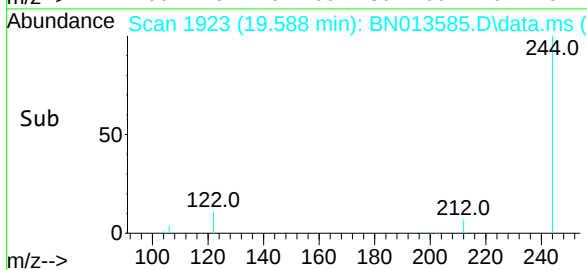
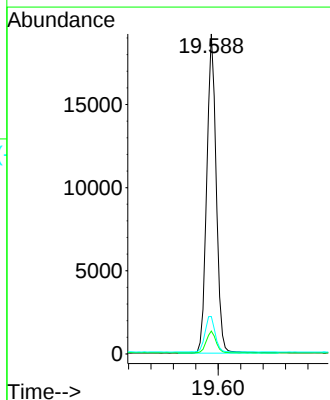
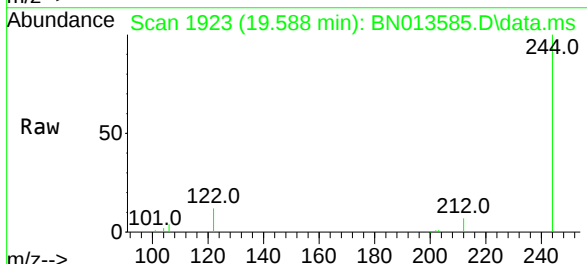
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-158-160

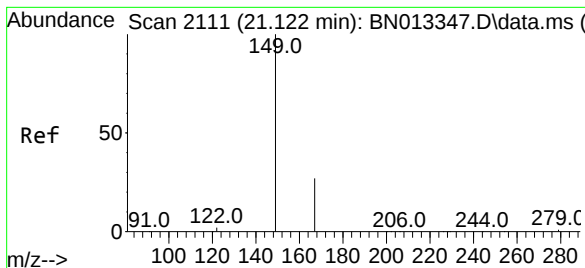
Tgt Ion:240 Resp: 26428
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 26.0 21.3 31.9



#31
Terphenyl-d14
Concen: 0.33 ng
RT: 19.588 min Scan# 1923
Delta R.T. 0.002 min
Lab File: BN013585.D
Acq: 05 Feb 2021 12:30

Tgt Ion:244 Resp: 22388
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.7 9.8 14.8

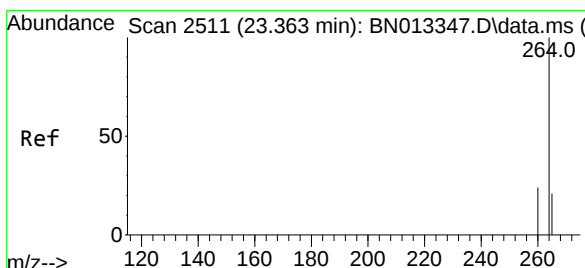
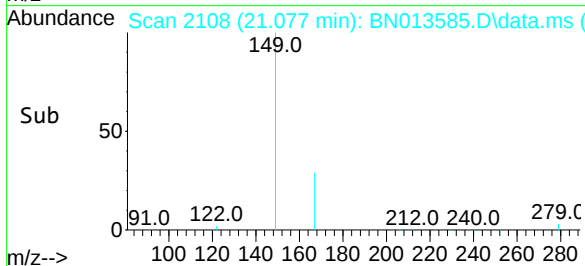
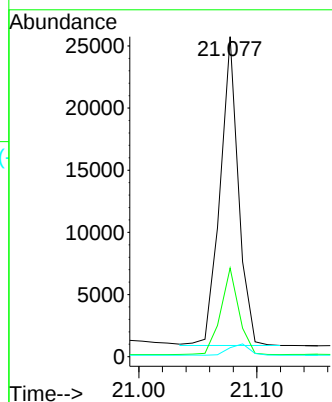
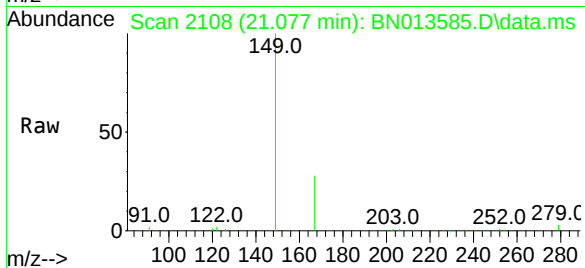




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.93 ng
 RT: 21.077 min Scan# 2108
 Delta R.T. -0.003 min
 Lab File: BN013585.D
 Acq: 05 Feb 2021 12:30

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-158-160

Tgt Ion:149 Resp: 26821
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.1 33.1
 279 4.2 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.308 min Scan# 2497
 Delta R.T. 0.001 min
 Lab File: BN013585.D
 Acq: 05 Feb 2021 12:30

Tgt Ion:264 Resp: 24688
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 33.3 66.2 99.4#

