

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015364.D
 Acq On : 07 Jul 2021 07:50
 Operator : CG/JU
 Sample : M2923-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 07 08:27:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

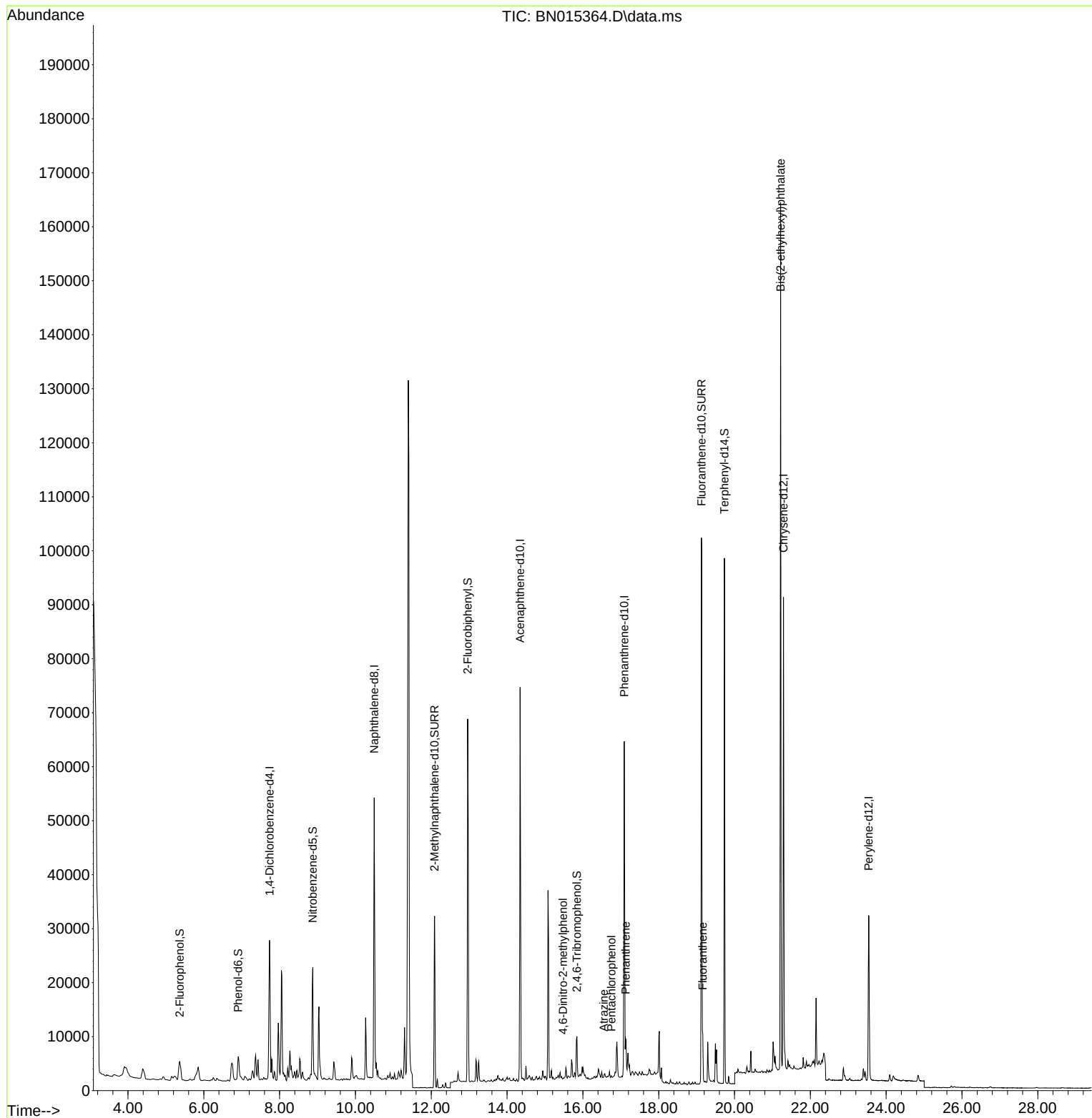
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	14684	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	68143	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	39391	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	81135	0.40	ng	0.00
29) Chrysene-d12	21.291	240	74543	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	39924	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	7009	0.19	ng	0.00
5) Phenol-d6	6.904	99	5332	0.11	ng	0.00
8) Nitrobenzene-d5	8.873	82	18398	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	43126	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	6440	0.60	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	59899	0.37	ng	0.00
27) Fluoranthene-d10	19.132	212	111278	0.46	ng	0.00
31) Terphenyl-d14	19.733	244	91619	0.53	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.474	198	41	0.22	ng	# 16
23) Atrazine	16.555	200	79	0.17	ng	# 11
24) Pentachlorophenol	16.750	266	173	0.26	ng	86
25) Phenanthrene	17.127	178	8014	0.03	ng	# 95
28) Fluoranthene	19.162	202	7404	0.03	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.217	149	132876	1.42	ng	# 88

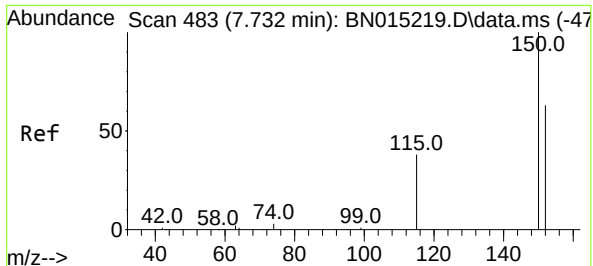
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 08:27:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

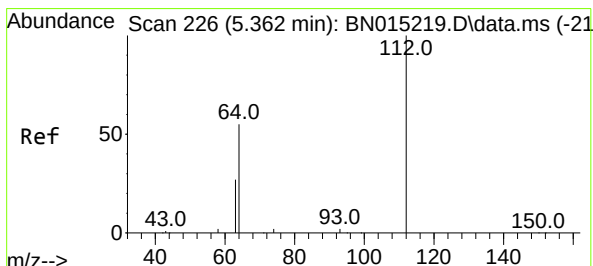
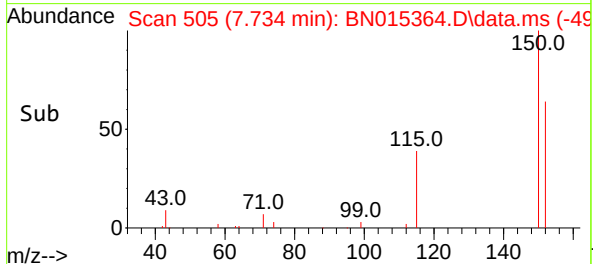
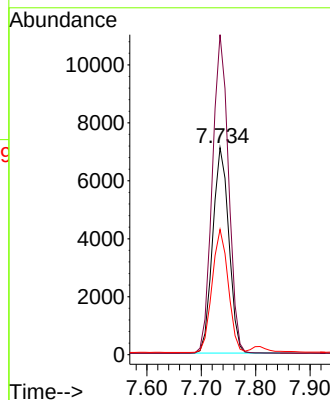
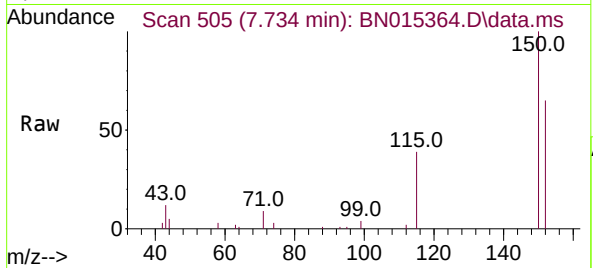




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.734 min Scan# 505
Delta R.T. 0.002 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

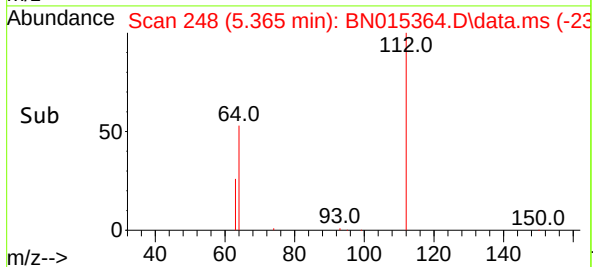
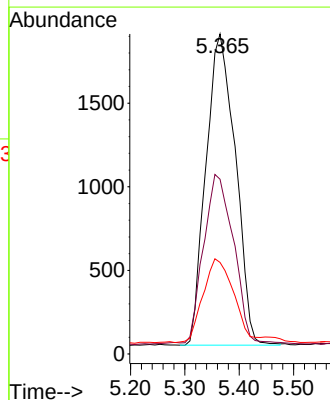
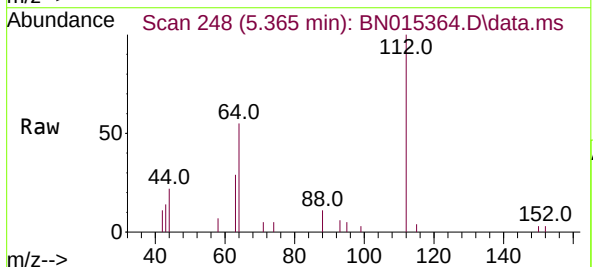
Instrument :
BNA_N
ClientSampled :

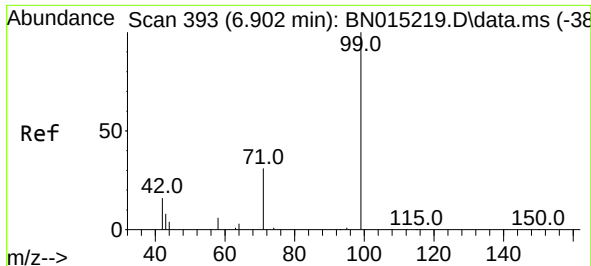
Tgt Ion:152 Resp: 14684
Ion Ratio Lower Upper
152 100
150 154.6 119.0 178.6
115 60.5 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion:112 Resp: 7009
Ion Ratio Lower Upper
112 100
64 54.5 39.0 58.6
63 28.1 20.6 30.8

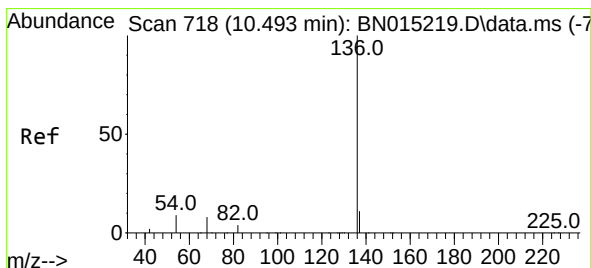
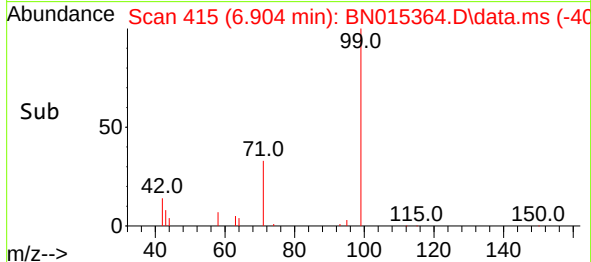
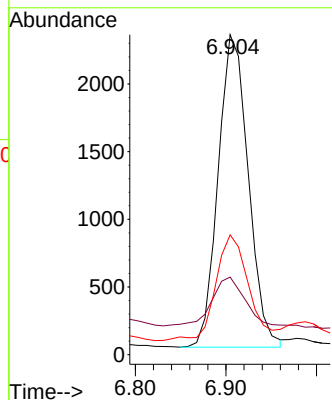
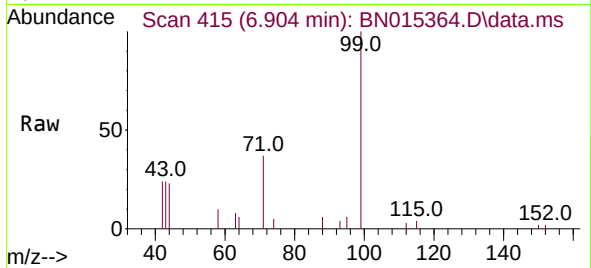




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

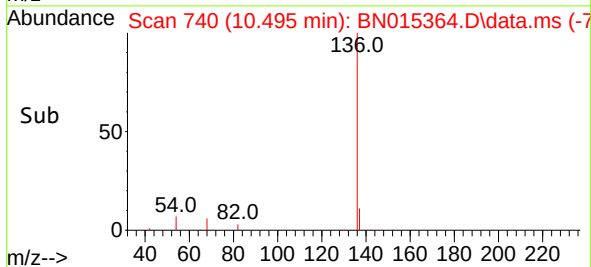
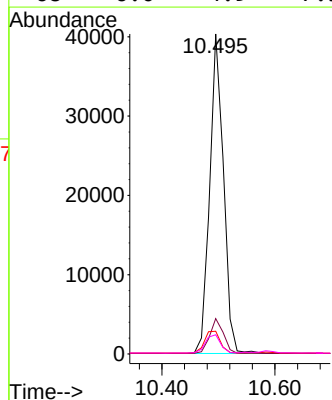
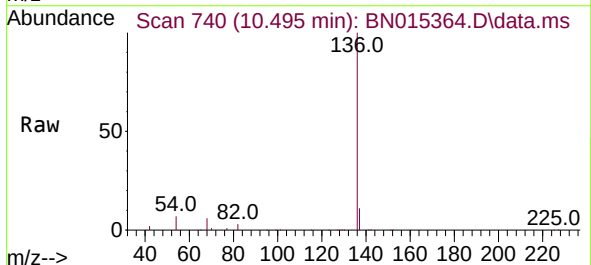
Instrument :
BNA_N
ClientSampled :

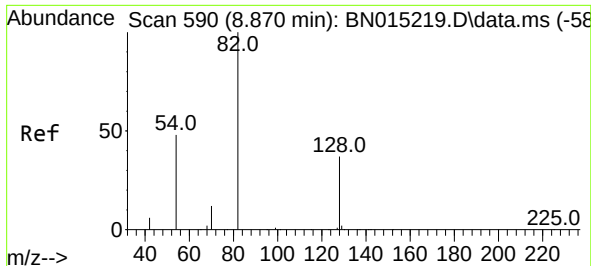
Tgt Ion: 99 Resp: 5332
Ion Ratio Lower Upper
99 100
42 16.9 8.9 13.3#
71 36.3 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion: 136 Resp: 68143
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.1 5.4 8.2
68 6.0 4.9 7.3

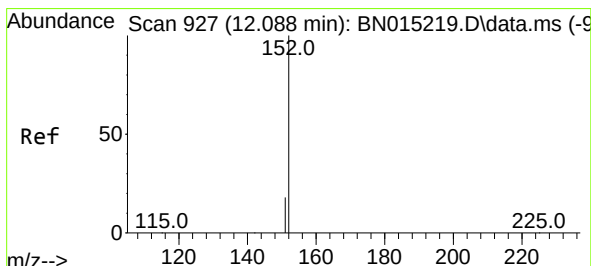
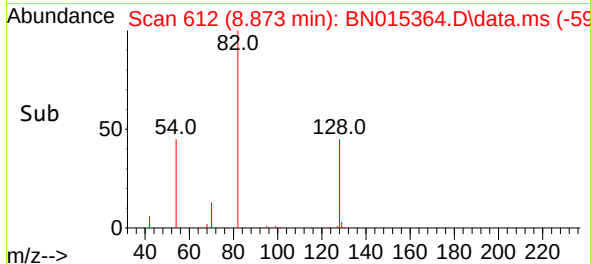
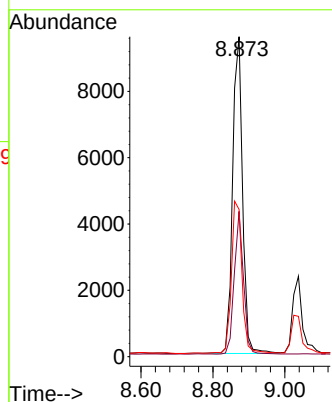
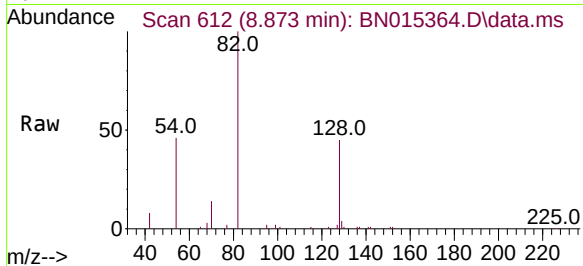




#8
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

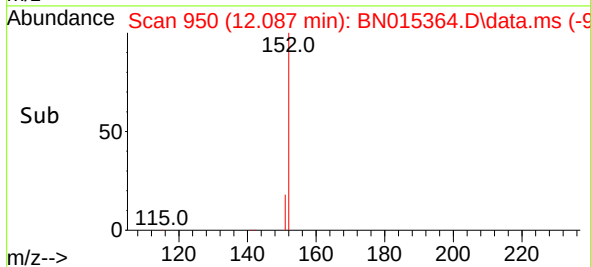
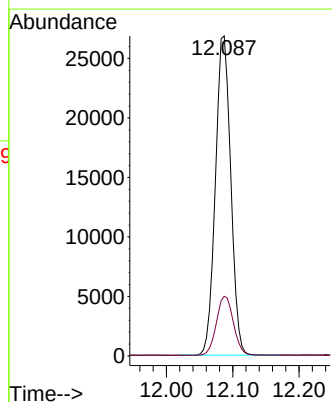
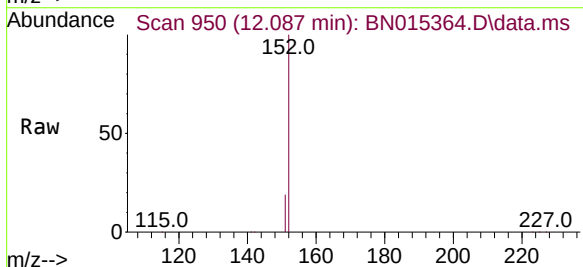
Instrument :
BNA_N
ClientSampleId :

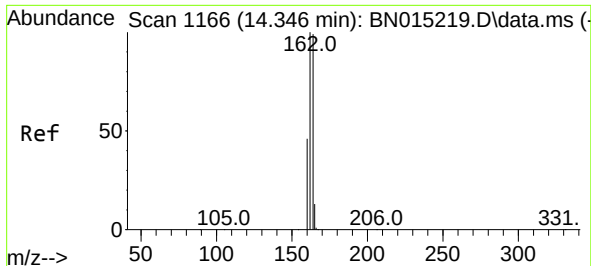
Tgt Ion: 82 Resp: 18398
Ion Ratio Lower Upper
82 100
128 45.4 31.6 47.4
54 46.0 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion: 152 Resp: 43126
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

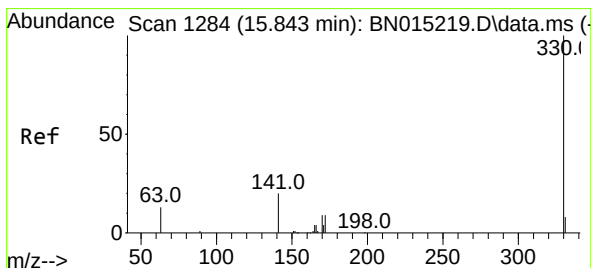
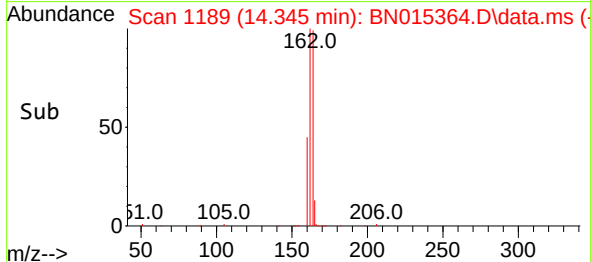
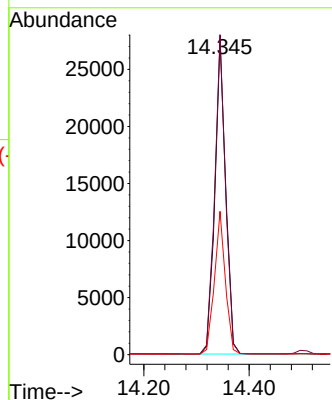
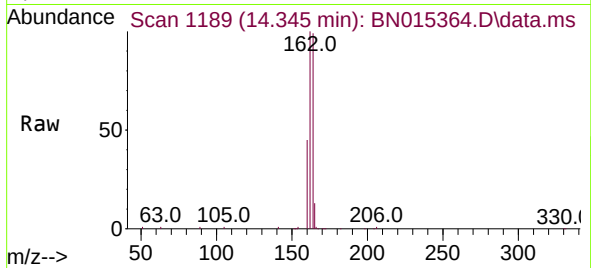




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.345 min Scan# 1189
 Delta R.T. -0.001 min
 Lab File: BN015364.D
 Acq: 07 Jul 2021 07:50

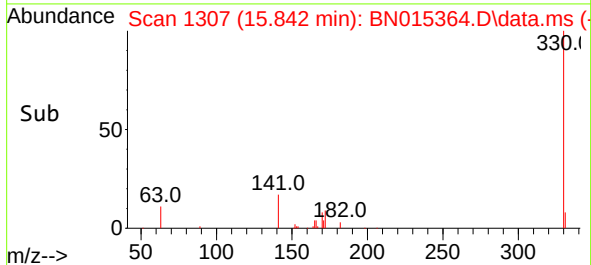
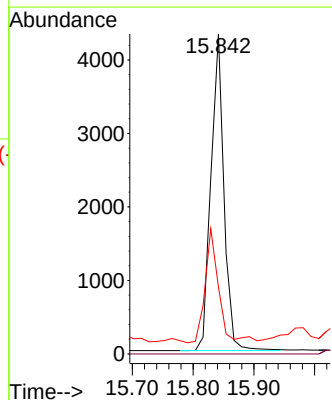
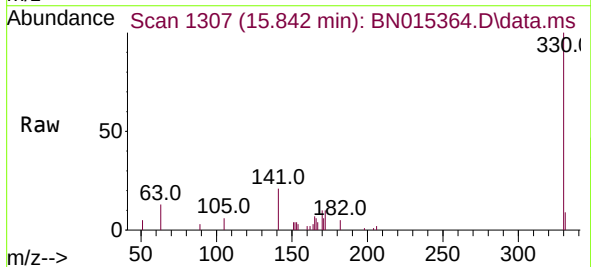
Instrument :
 BNA_N
 ClientSampleId :

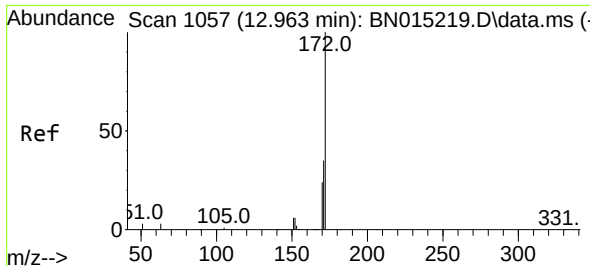
Tgt Ion:164 Resp: 39391
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.8 125.6
 160 45.4 37.4 56.0



#14
 2,4,6-Tribromophenol
 Concen: 0.60 ng
 RT: 15.842 min Scan# 1307
 Delta R.T. -0.001 min
 Lab File: BN015364.D
 Acq: 07 Jul 2021 07:50

Tgt Ion:330 Resp: 6440
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.6 22.4 33.6#

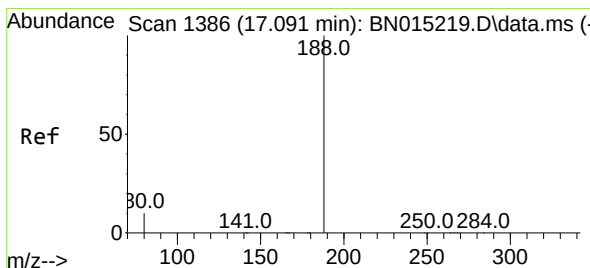
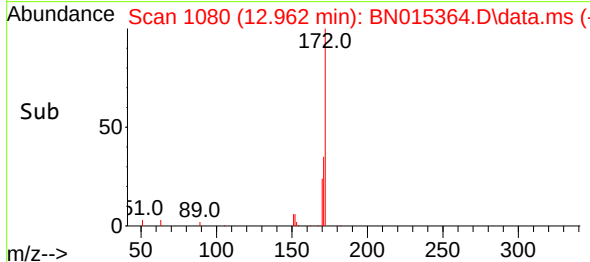
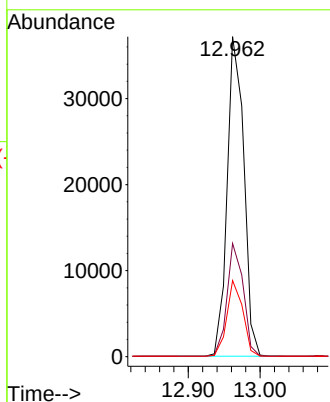
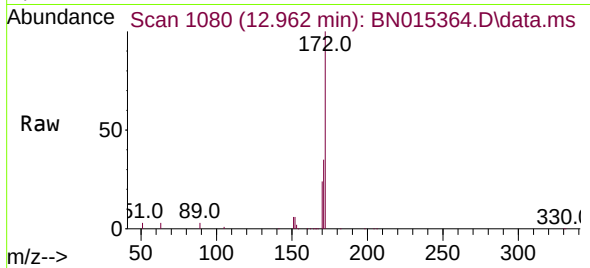




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

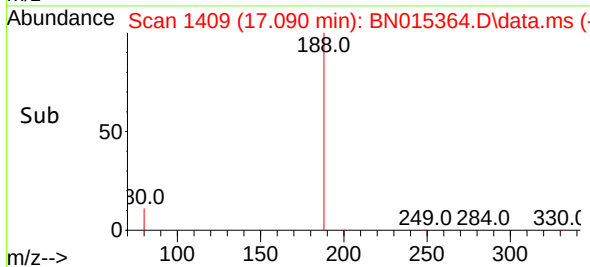
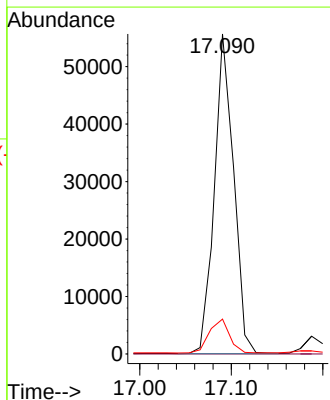
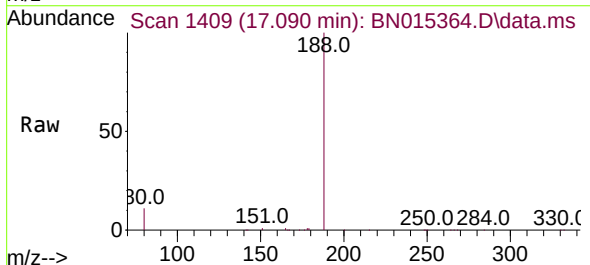
Instrument :
BNA_N
ClientSampled :

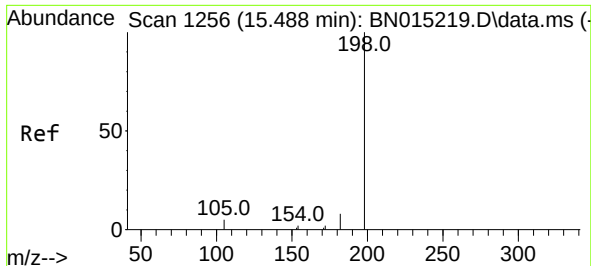
Tgt Ion:	172	Resp:	59899
Ion Ratio	Lower	Upper	
172	100		
171	35.4	30.6	45.8
170	23.8	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion:	188	Resp:	81135
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	9.0	13.4

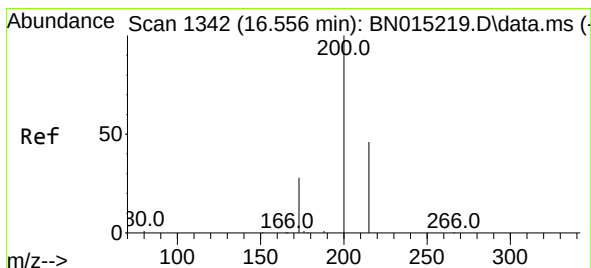
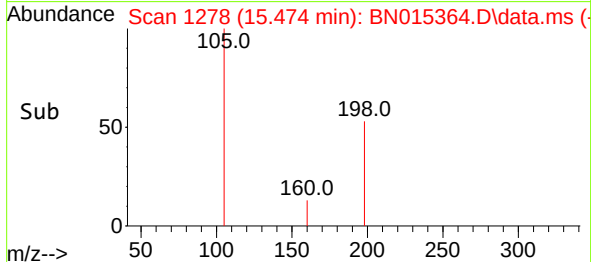
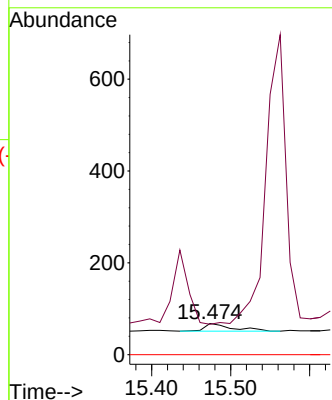
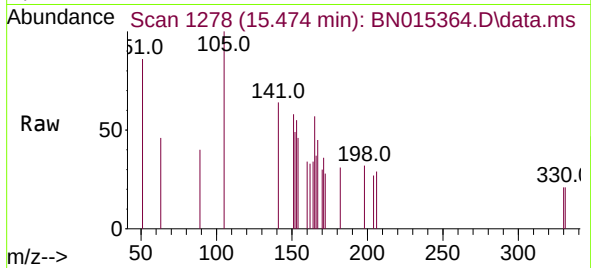




#20
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.014 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

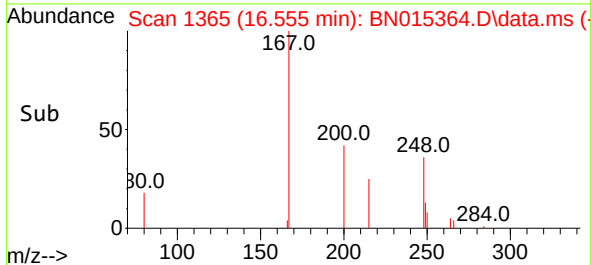
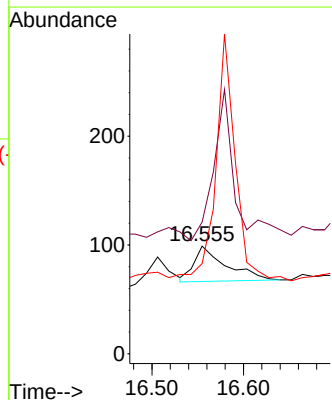
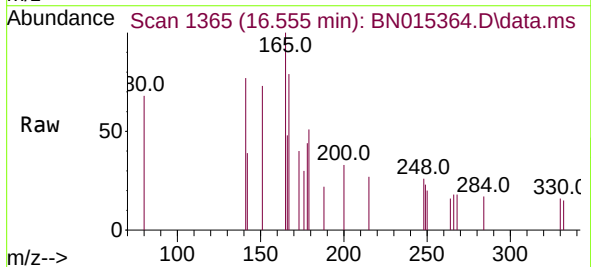
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BNA_N
ClientSampled :

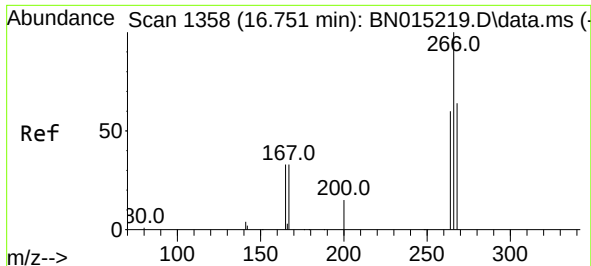
Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
182 97.1 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion:200 Resp: 79
Ion Ratio Lower Upper
200 100
173 122.2 21.7 32.5#
215 83.8 43.1 64.7#

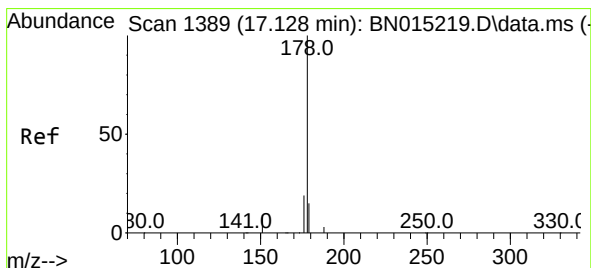
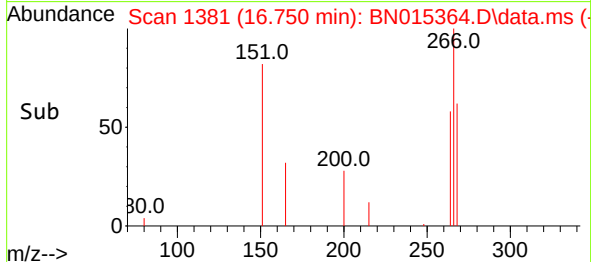
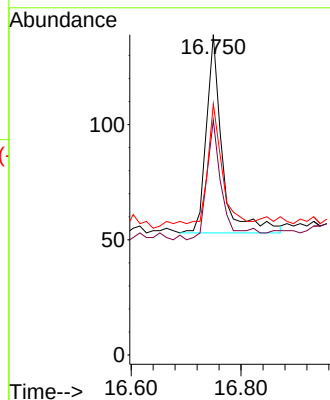
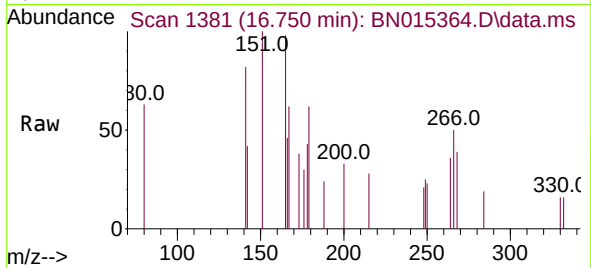




#24
Pentachlorophenol
Concen: 0.26 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

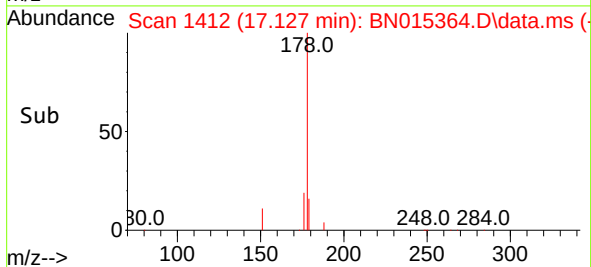
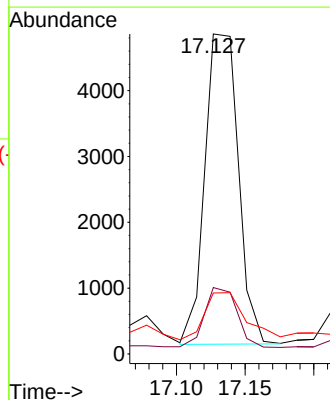
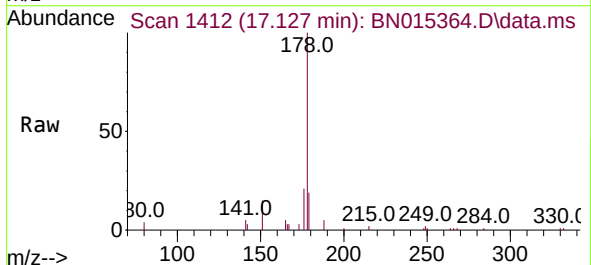
Instrument :
BNA_N
ClientSampleId :

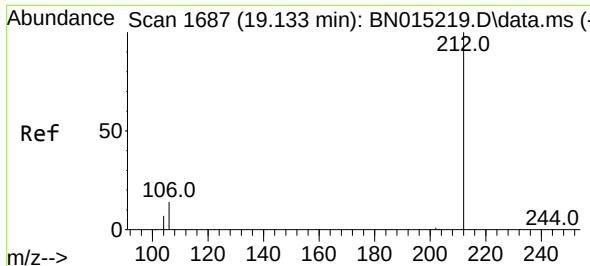
Tgt Ion:	266	Resp:	173
Ion	Ratio	Lower	Upper
266	100		
264	53.8	51.0	76.4
268	51.4	50.6	76.0



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion:	178	Resp:	8014
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	19.3	12.1	18.1

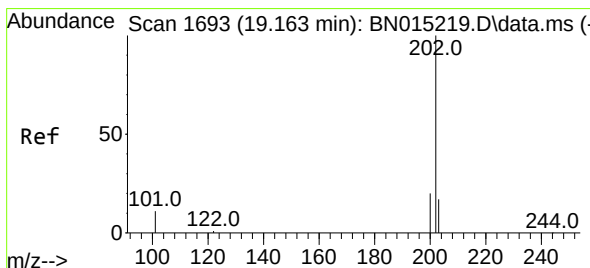
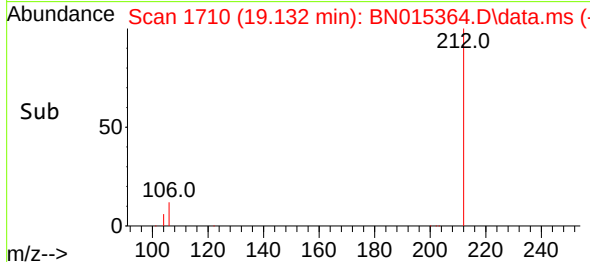
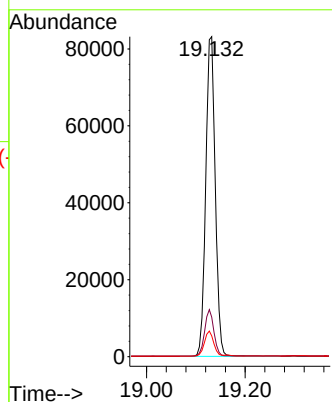
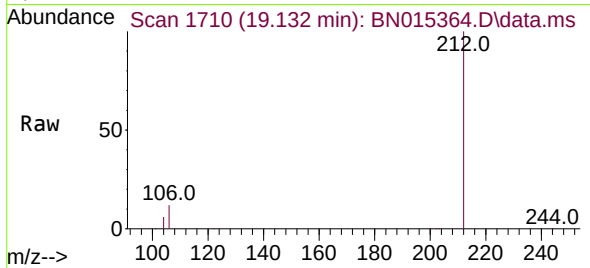




#27
Fluoranthene-d10
Concen: 0.46 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

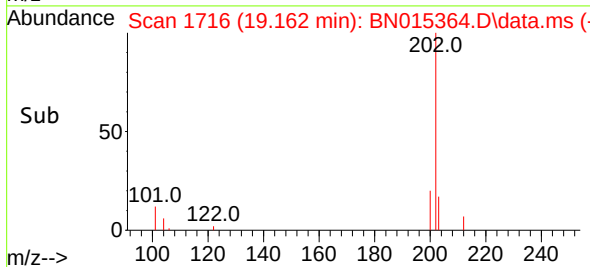
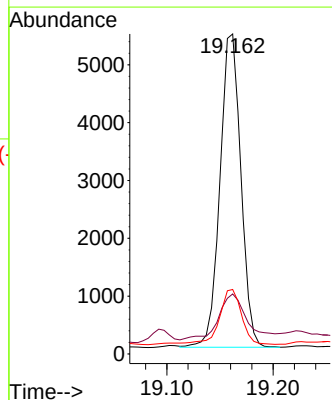
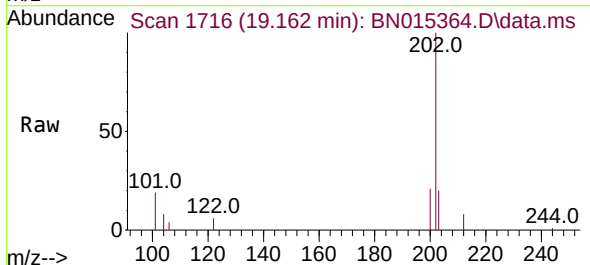
Instrument :
BNA_N
ClientSampleId :

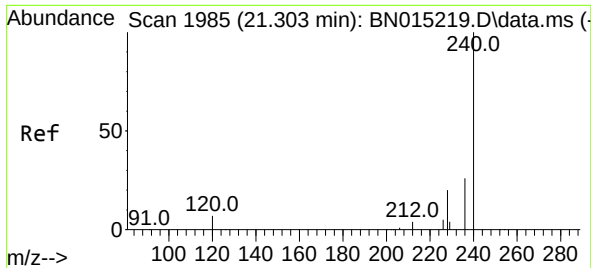
Tgt Ion:212 Resp: 111278
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.7 4.1 6.1#



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.162 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion:202 Resp: 7404
Ion Ratio Lower Upper
202 100
101 19.7 6.6 10.0#
203 19.2 13.9 20.9

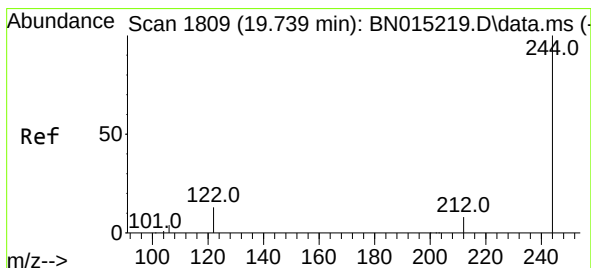
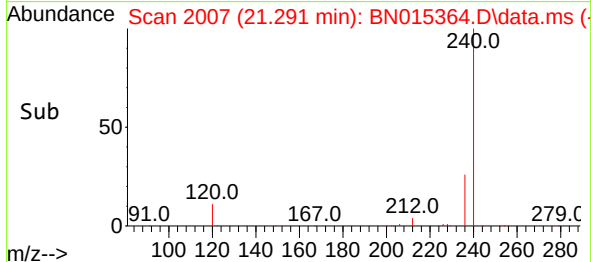
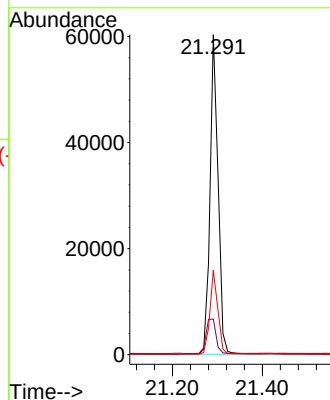
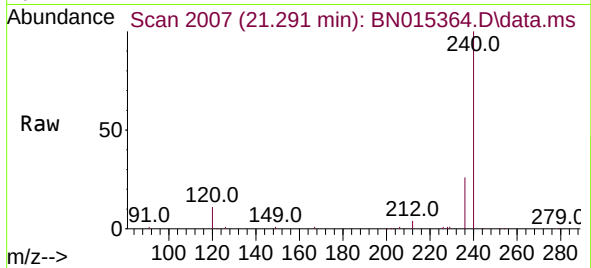




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

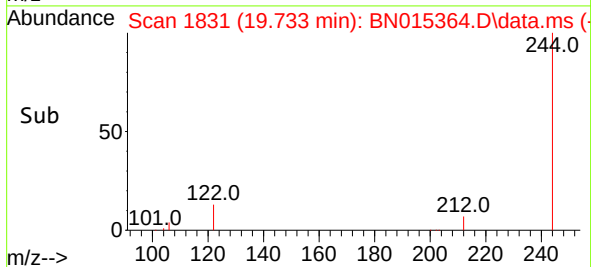
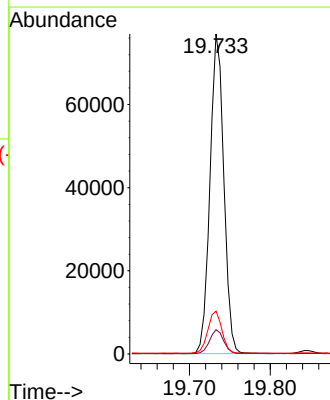
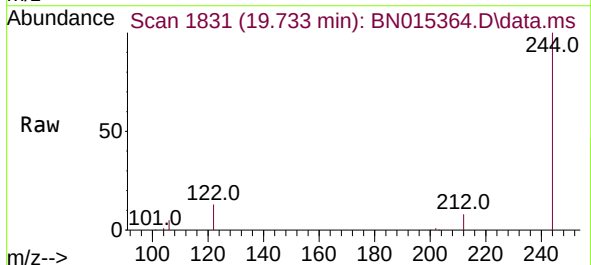
Instrument :
BNA_N
ClientSampleId :

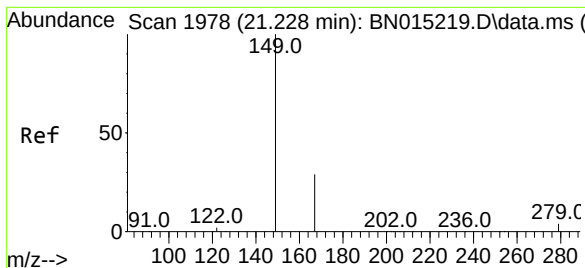
Tgt Ion:240 Resp: 74543
Ion Ratio Lower Upper
240 100
120 11.2 4.2 6.4#
236 26.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion:244 Resp: 91619
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.4 6.2 9.2#

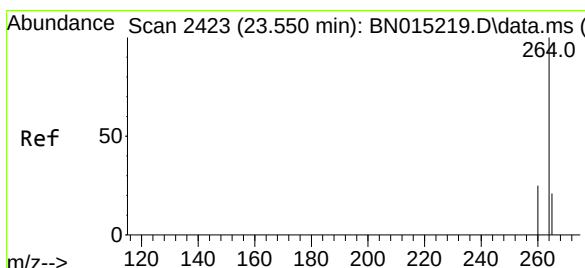
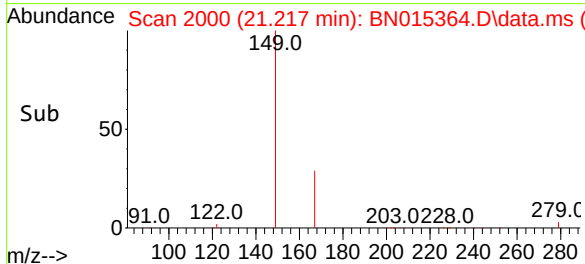
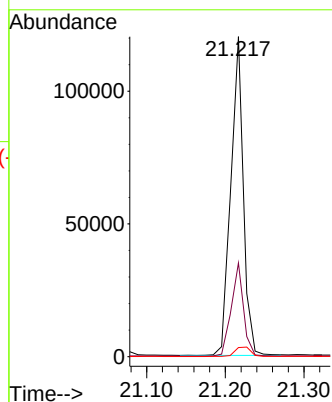
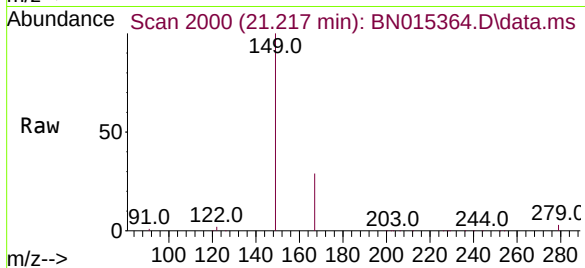




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.42 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 132876
Ion Ratio Lower Upper
149 100
167 28.5 28.9 43.3#
279 3.7 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015364.D
Acq: 07 Jul 2021 07:50

Tgt Ion:264 Resp: 39924
Ion Ratio Lower Upper
264 100
260 25.2 20.6 31.0
265 24.9 21.4 32.2

