

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015249.D
 Acq On : 01 Jul 2021 08:28
 Operator : CG/JU
 Sample : M2805-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20210619

Quant Time: Jul 01 09:44:12 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)

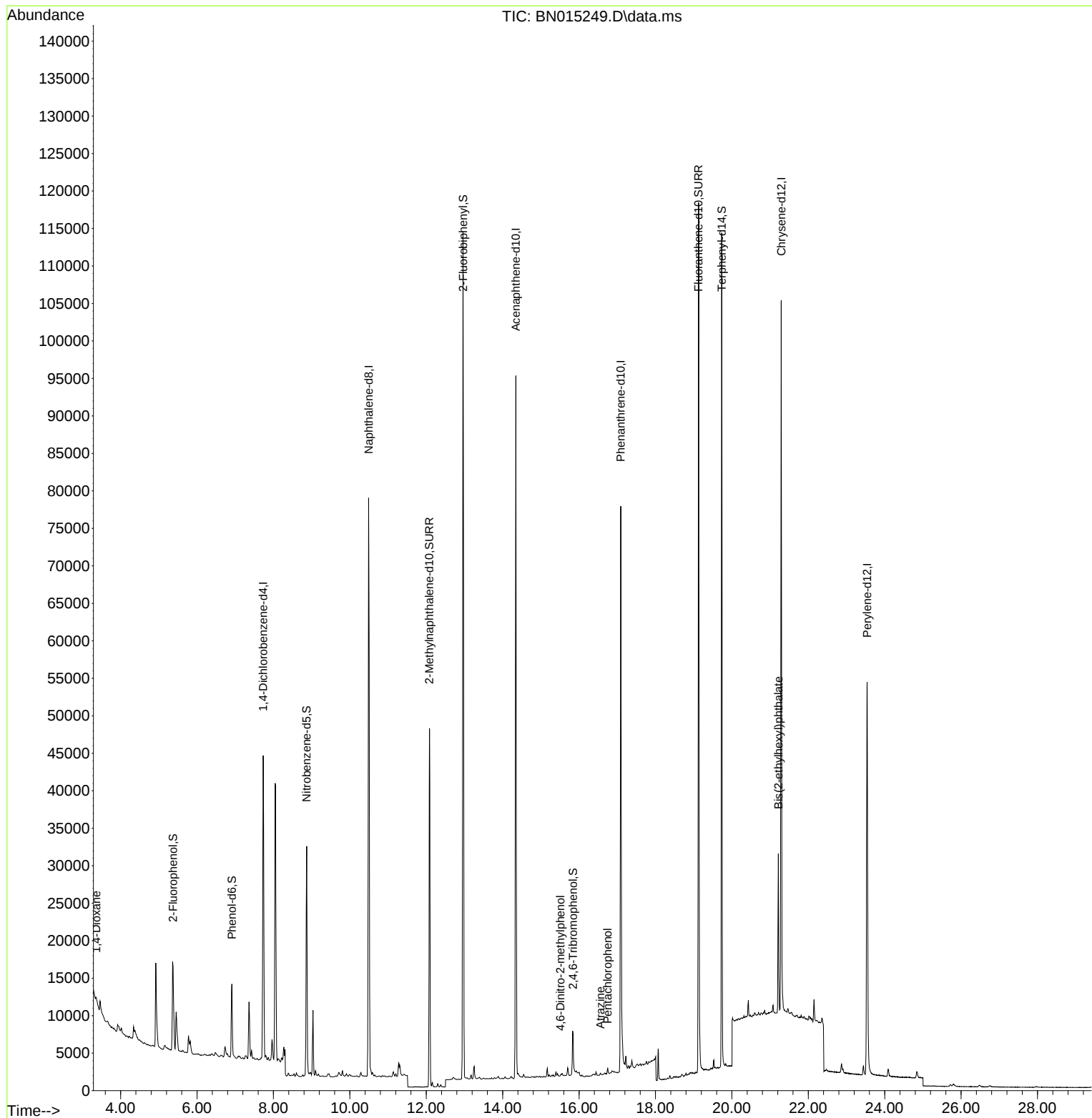
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	23221	0.40	ng	# 0.00
7) Naphthalene-d8	10.492	136	104392	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	53350	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	107951	0.40	ng	0.00
29) Chrysene-d12	21.292	240	89193	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	73711	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	14596	0.25	ng	0.00
5) Phenol-d6	6.911	99	10442	0.14	ng	0.00
8) Nitrobenzene-d5	8.870	82	26240	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	65358	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6083	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	96691	0.45	ng	0.00
27) Fluoranthene-d10	19.128	212	132243	0.41	ng	0.00
31) Terphenyl-d14	19.734	244	110795	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	655	0.06	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.513	198	7	0.19	ng	# 1
23) Atrazine	16.556	200	172	0.18	ng	# 52
24) Pentachlorophenol	16.750	266	449	0.28	ng	99
34) Bis(2-ethylhexyl)phtha...	21.217	149	20272	0.34	ng	# 87

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

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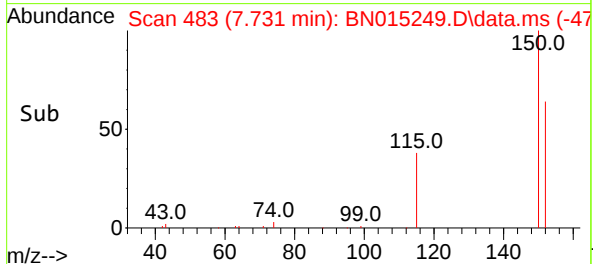
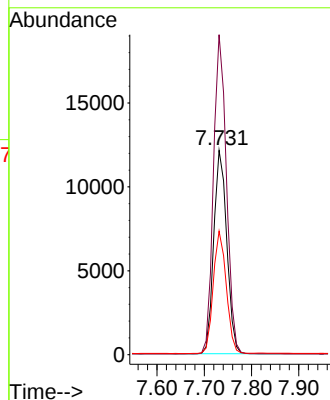
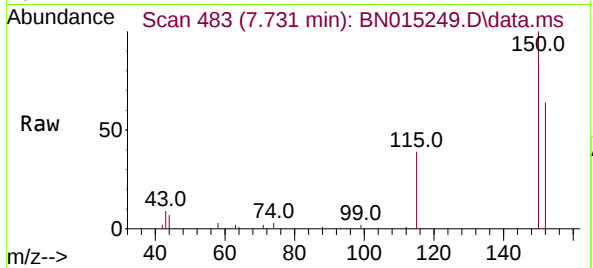




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.731 min Scan# 483
 Delta R.T. -0.001 min
 Lab File: BN015249.D
 Acq: 01 Jul 2021 08:28

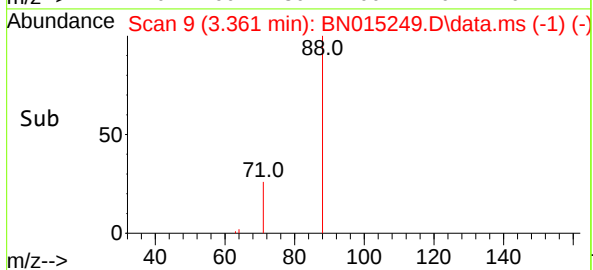
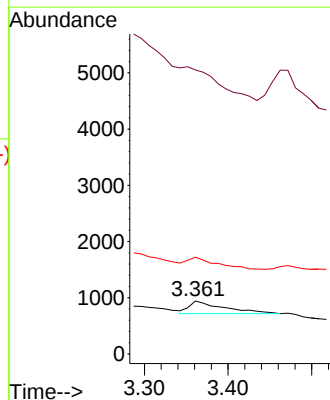
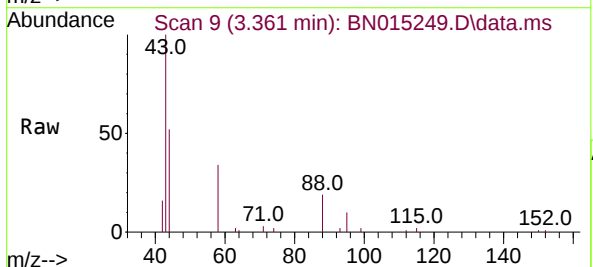
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20210619

Tgt Ion: 152 Resp: 23221
 Ion Ratio Lower Upper
 152 100
 150 156.6 119.0 178.6
 115 60.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.06 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015249.D
 Acq: 01 Jul 2021 08:28

Tgt Ion: 88 Resp: 655
 Ion Ratio Lower Upper
 88 100
 43 0.0 12.9 19.3#
 58 78.6 38.1 57.1#

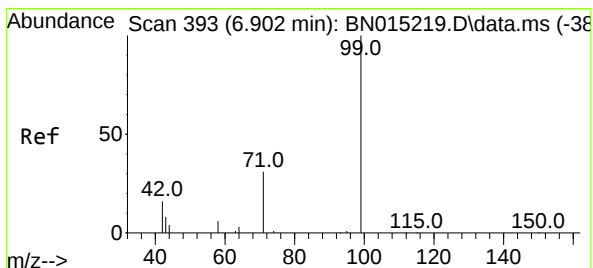
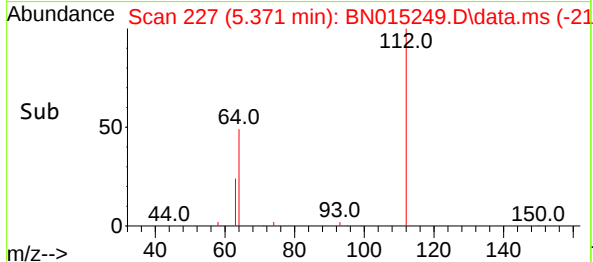
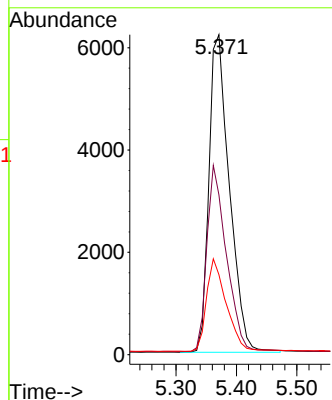
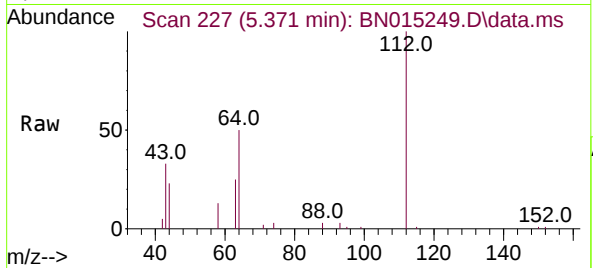




#4
2-Fluorophenol
Concen: 0.25 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.009 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

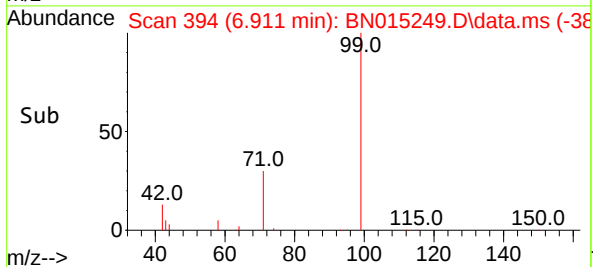
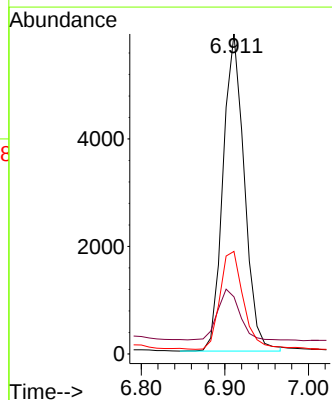
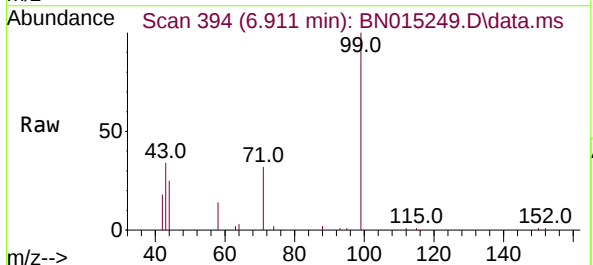
Instrument :
BNA_N
ClientSampleId :
DUP05-20210619

Tgt Ion:112 Resp: 14596
Ion Ratio Lower Upper
112 100
64 56.2 39.0 58.6
63 28.3 20.6 30.8



#5
Phenol-d6
Concen: 0.14 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

Tgt Ion: 99 Resp: 10442
Ion Ratio Lower Upper
99 100
42 16.4 8.9 13.3#
71 33.9 35.6 53.4#

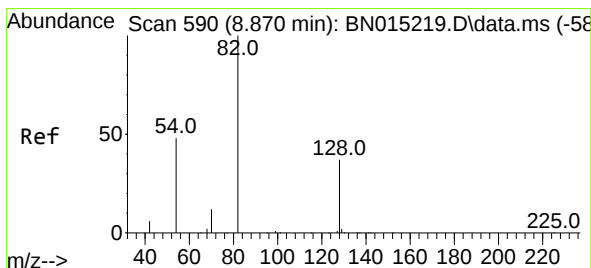
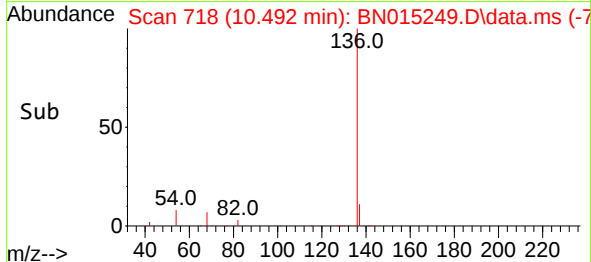
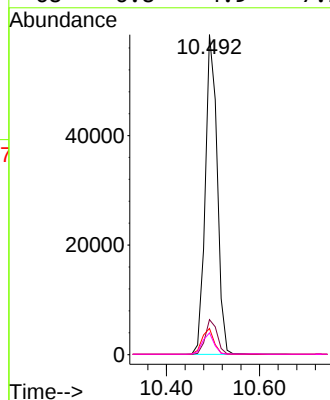
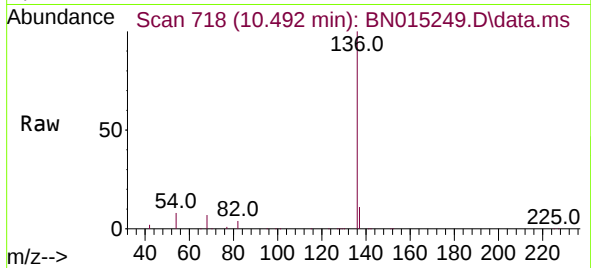




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

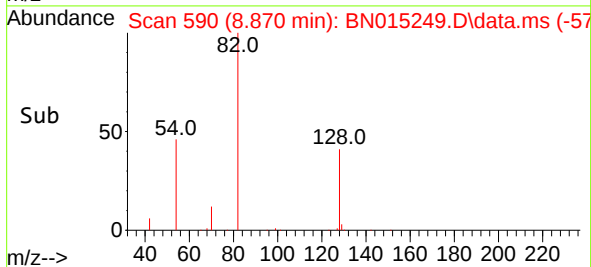
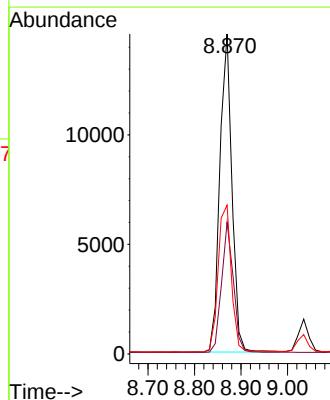
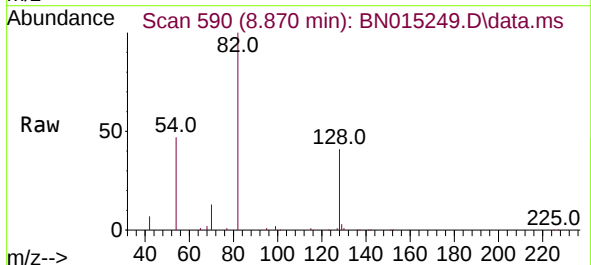
Instrument :
BNA_N
ClientSampleId :
DUP05-20210619

Tgt Ion:	136	Resp:	104392
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	8.2	5.4	8.2#
68	6.8	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

Tgt Ion:	82	Resp:	26240
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.6	47.4
54	46.5	29.0	43.4#

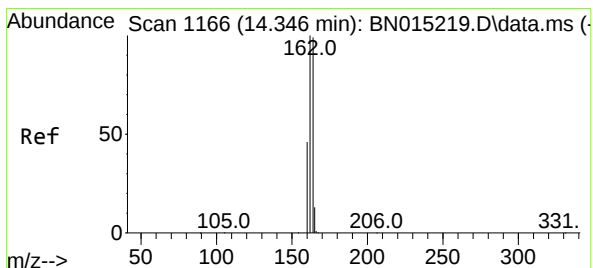
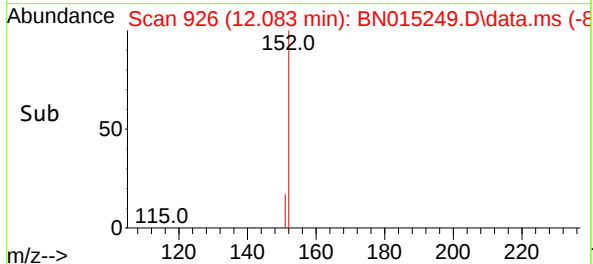
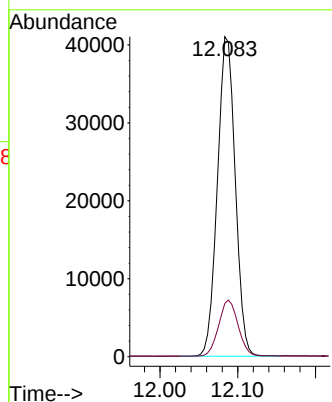
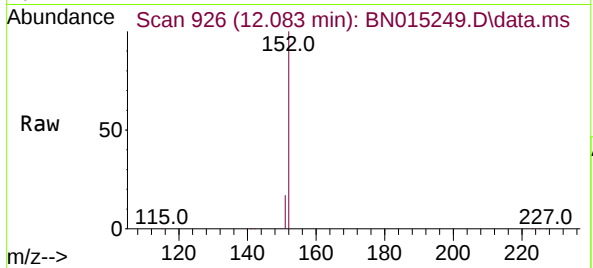




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.083 min Scan# 926
Delta R.T. -0.005 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

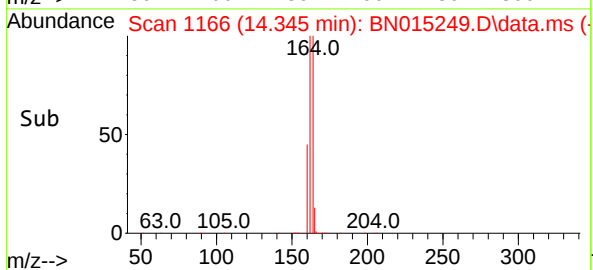
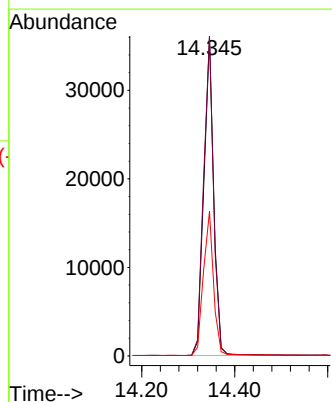
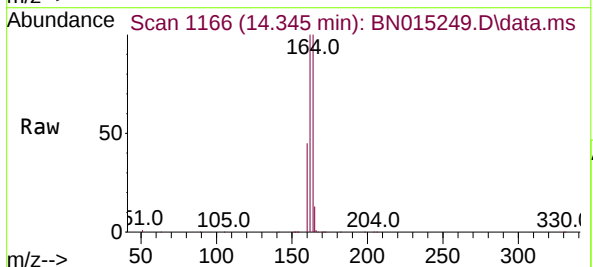
Instrument :
BNA_N
ClientSampleId :
DUP05-20210619

Tgt Ion:152 Resp: 65358
Ion Ratio Lower Upper
152 100
151 19.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1166
Delta R.T. -0.001 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

Tgt Ion:164 Resp: 53350
Ion Ratio Lower Upper
164 100
162 100.2 83.8 125.6
160 45.3 37.4 56.0

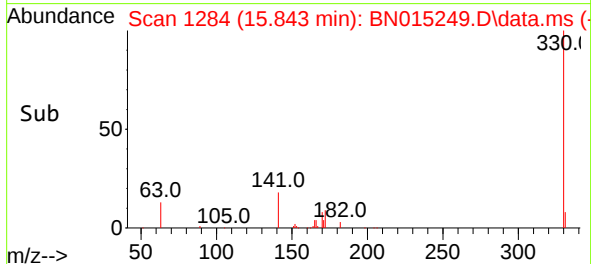
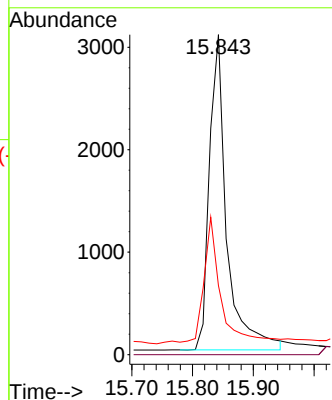
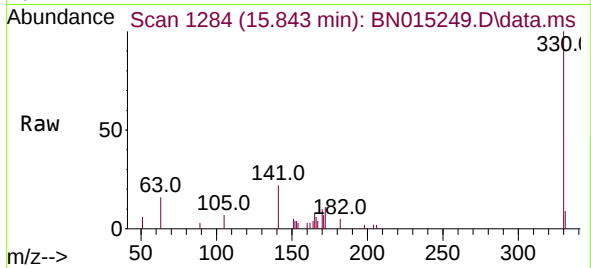




#14
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

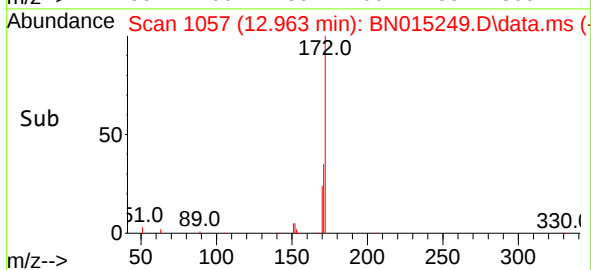
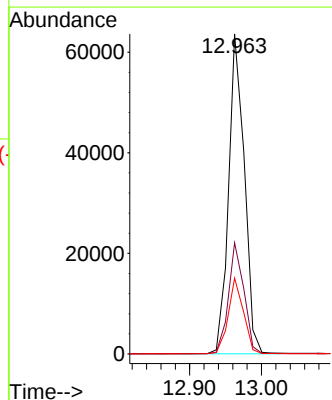
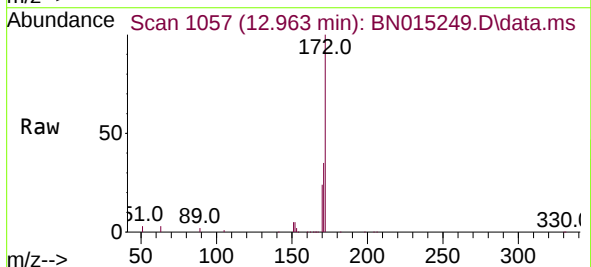
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BNA_N
ClientSampleId :
DUP05-20210619

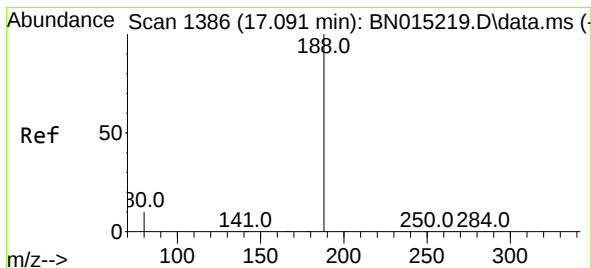
Tgt Ion: 330 Resp: 6083
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.9 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

Tgt Ion: 172 Resp: 96691
Ion Ratio Lower Upper
172 100
171 34.7 30.6 45.8
170 23.7 20.2 30.4

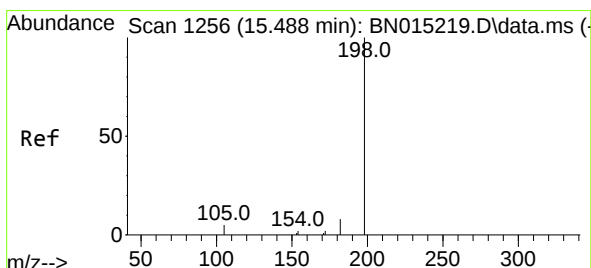
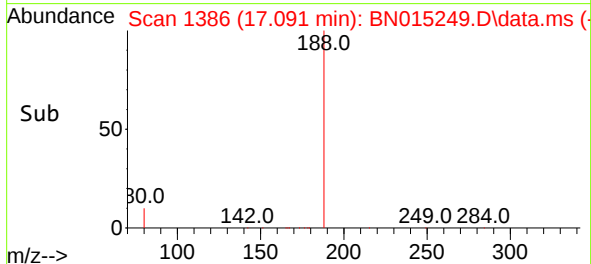
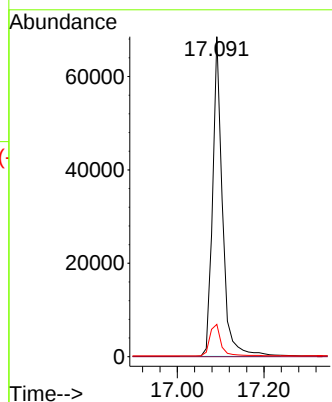
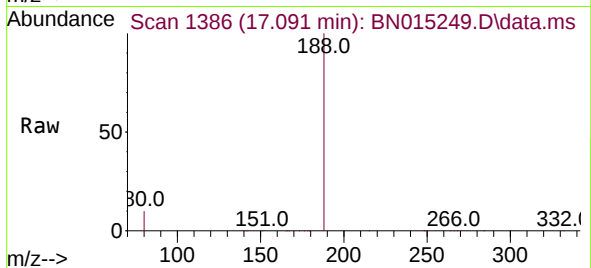




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

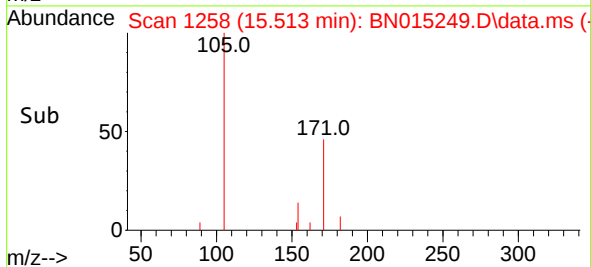
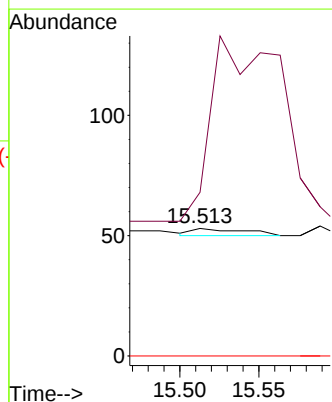
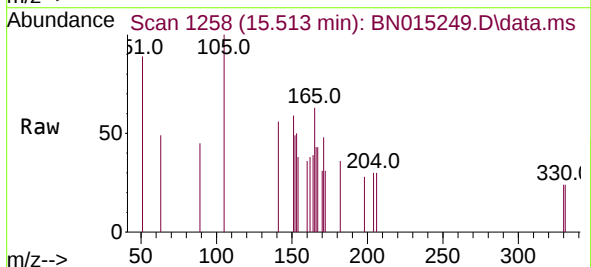
Instrument :
BNA_N
ClientSampleId :
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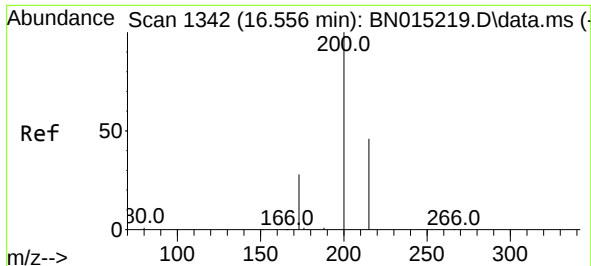
Tgt Ion:188 Resp: 107951
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.513 min Scan# 1258
Delta R.T. 0.025 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 128.3 34.5 51.7#
77 0.0 0.0 0.0

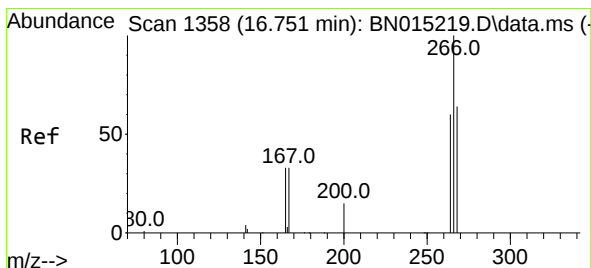
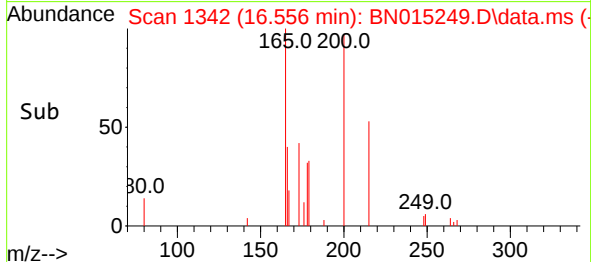
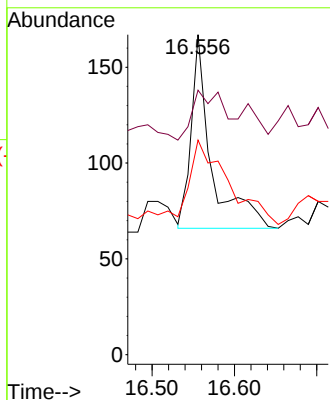
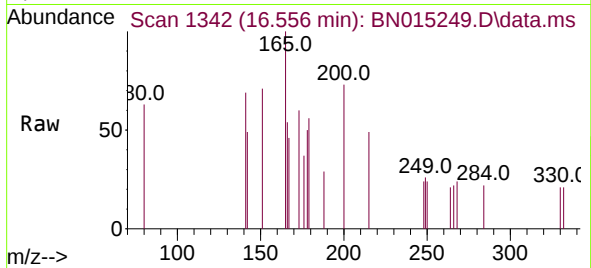




#23
Atrazine
Concen: 0.18 ng
RT: 16.556 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

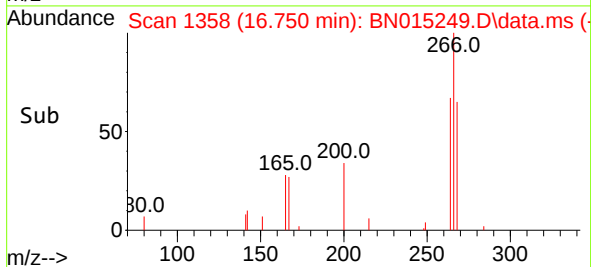
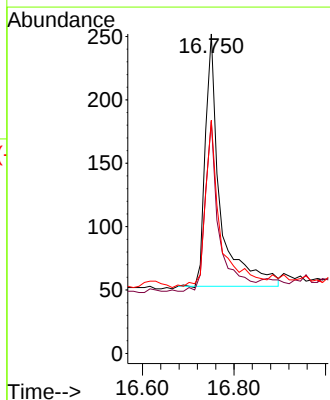
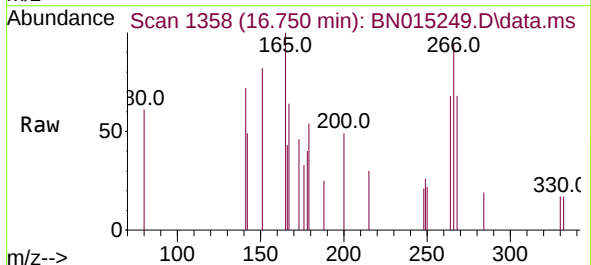
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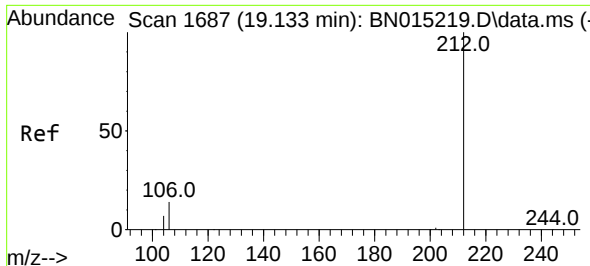
Tgt Ion:200 Resp: 172
Ion Ratio Lower Upper
200 100
173 82.6 21.7 32.5#
215 67.1 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.750 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

Tgt Ion:266 Resp: 449
Ion Ratio Lower Upper
266 100
264 63.3 51.0 76.4
268 64.8 50.6 76.0

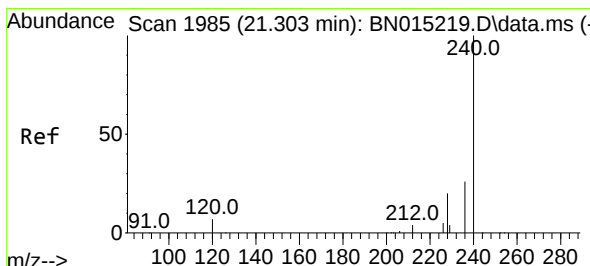
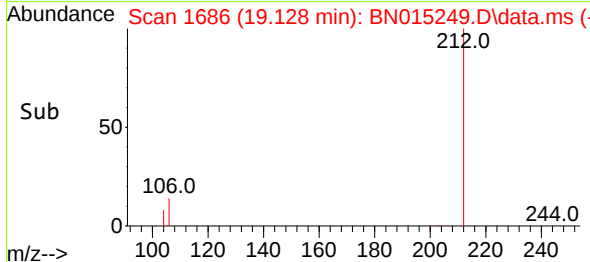
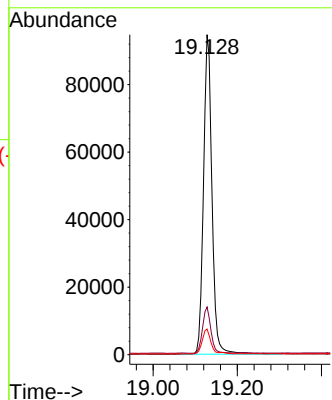
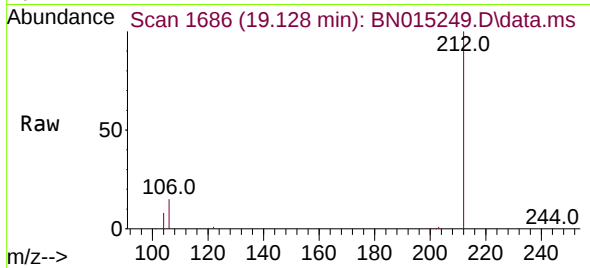




#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

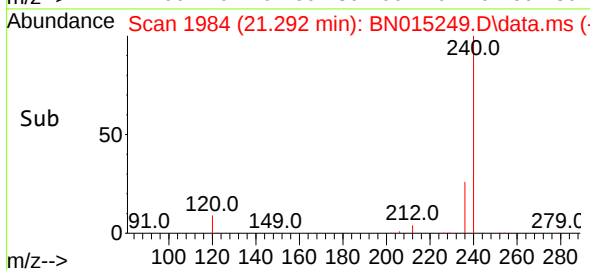
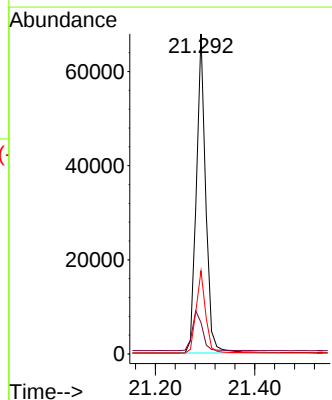
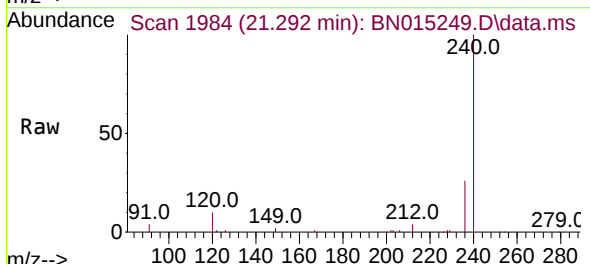
Instrument :
BNA_N
ClientSampleId :
DUP05-20210619

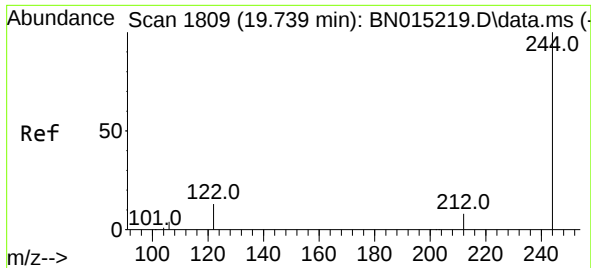
Tgt Ion:212 Resp: 132243
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 8.1 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

Tgt Ion:240 Resp: 89193
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.4#
236 26.0 21.4 32.2

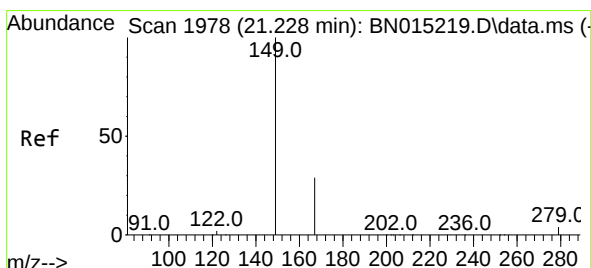
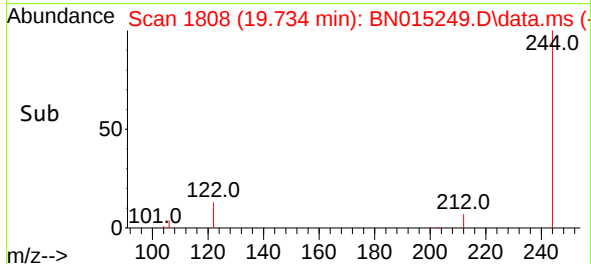
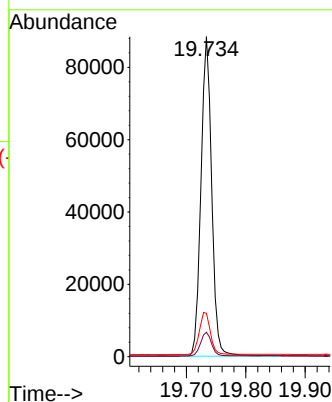
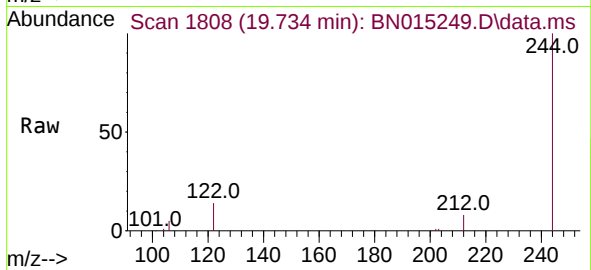




#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.005 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

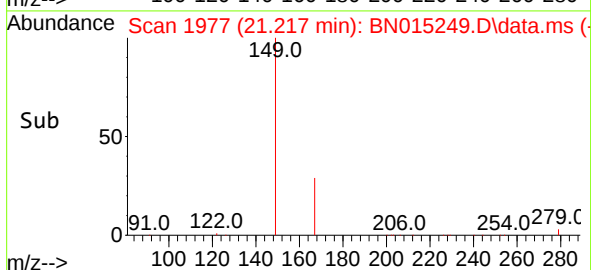
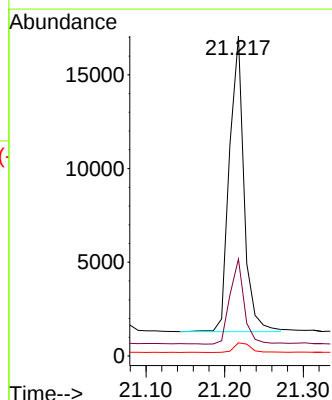
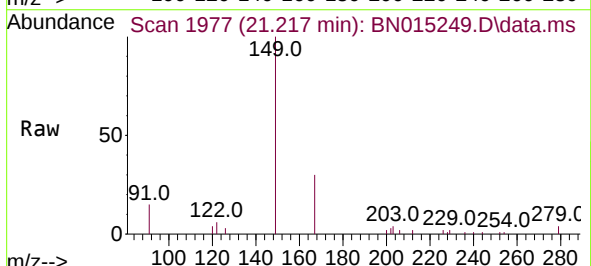
Instrument :
BNA_N
ClientSampleId :
DUP05-20210619

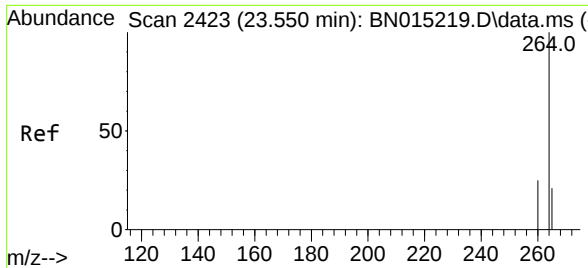
Tgt Ion:244 Resp: 110795
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.5 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.217 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015249.D
Acq: 01 Jul 2021 08:28

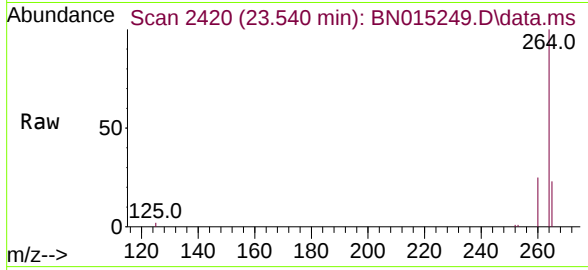
Tgt Ion:149 Resp: 20272
Ion Ratio Lower Upper
149 100
167 27.9 28.9 43.3#
279 3.8 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.010 min
 Lab File: BN015249.D
 Acq: 01 Jul 2021 08:28

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20210619



Tgt Ion:264 Resp: 73711

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	23.3	21.4	32.2

