

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015300.D
 Acq On : 02 Jul 2021 17:32
 Operator : CG/JU
 Sample : M2838-12DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20210622DL

Quant Time: Jul 02 18:38:04 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)

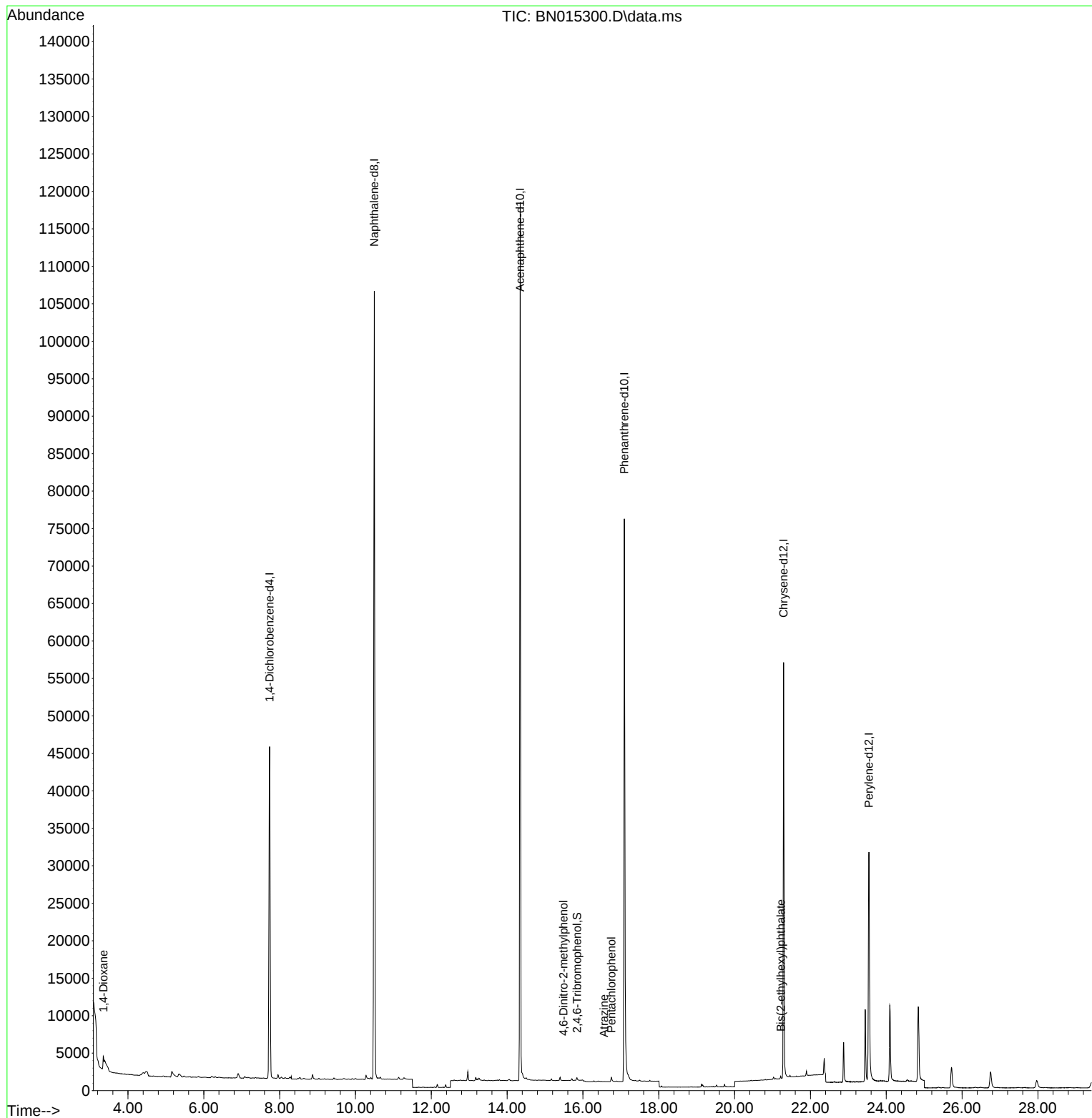
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	29095	0.400	ng	# 0.00
7) Naphthalene-d8	10.495	136	137623	0.400	ng	0.00
13) Acenaphthene-d10	14.344	164	66452	0.400	ng	0.00
19) Phenanthrene-d10	17.090	188	119654	0.400	ng	0.00
29) Chrysene-d12	21.291	240	53802	0.400	ng	#-0.01
35) Perylene-d12	23.542	264	46137	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	652	0.009	ng	0.00
5) Phenol-d6	6.904	99	657	0.007	ng	0.00
8) Nitrobenzene-d5	8.873	82	612	0.008	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	96	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	415	0.234	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	976	0.004	ng	0.00
27) Fluoranthene-d10	19.127	212	472	0.001	ng	0.00
31) Terphenyl-d14	19.733	244	313	0.002	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.354	88	1376	0.101	ng	# 53
20) 4,6-Dinitro-2-methylph...	15.486	198	7	0.194	ng	# 11
23) Atrazine	16.555	200	26	0.173	ng	# 26
24) Pentachlorophenol	16.749	266	387	0.270	ng	96
34) Bis(2-ethylhexyl)phtha...	21.216	149	371	0.150	ng	# 84

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

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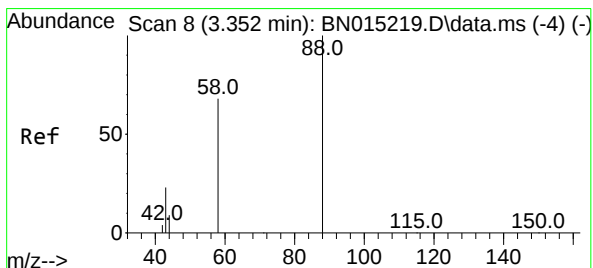
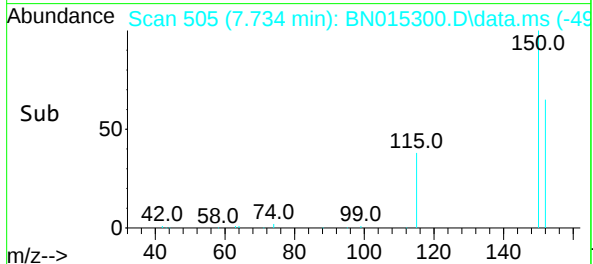
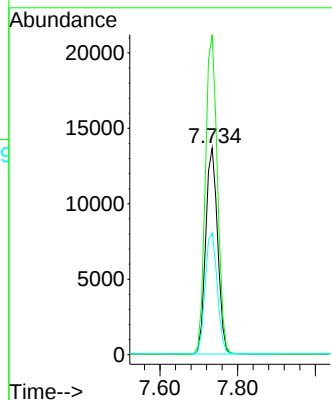
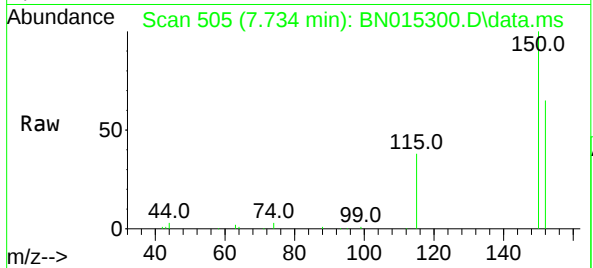




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015300.D
 Acq: 02 Jul 2021 17:32

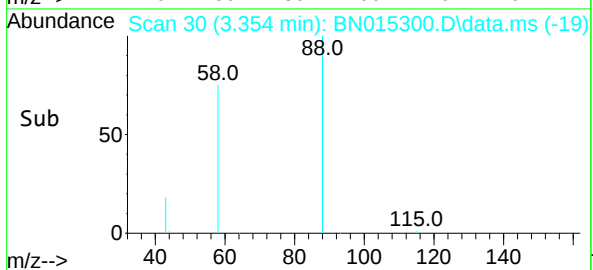
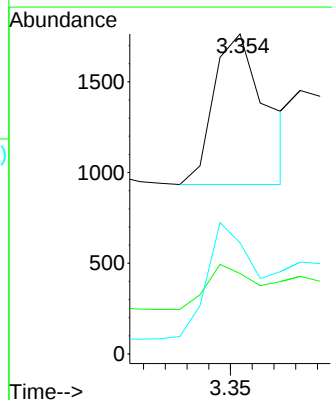
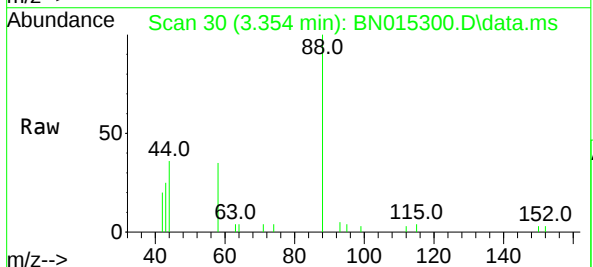
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20210622DL

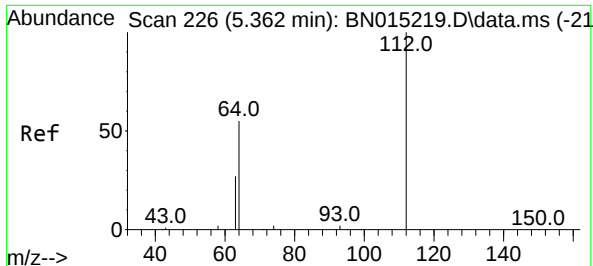
Tgt Ion: 152 Resp: 29095
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.0 178.6
 115 58.9 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.101 ng
 RT: 3.354 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BN015300.D
 Acq: 02 Jul 2021 17:32

Tgt Ion: 88 Resp: 1376
 Ion Ratio Lower Upper
 88 100
 43 26.6 12.9 19.3#
 58 83.9 38.1 57.1#

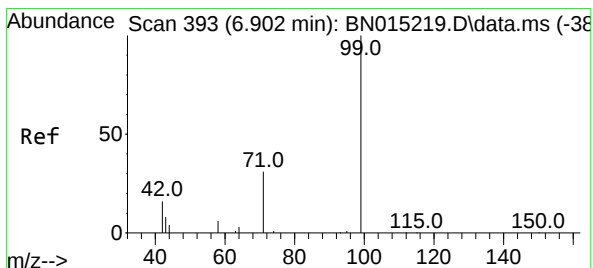
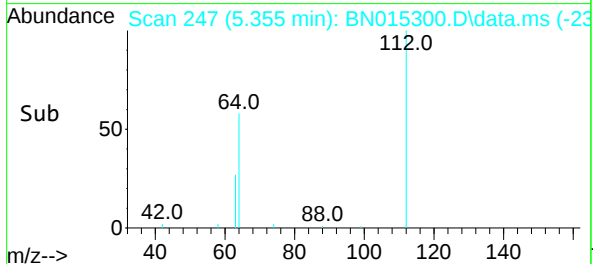
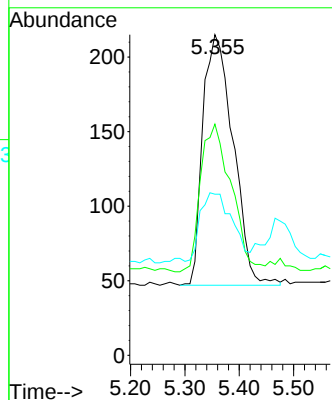
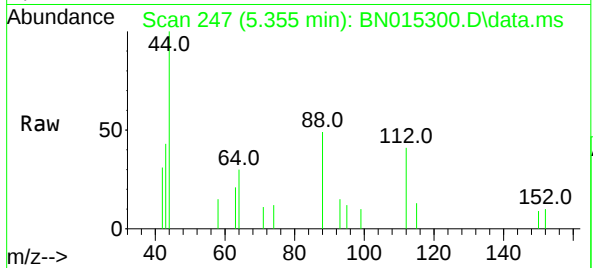




#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.355 min Scan# 247
Delta R.T. -0.007 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

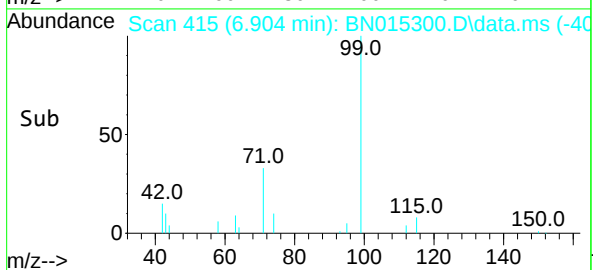
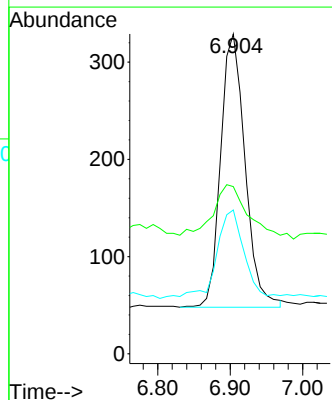
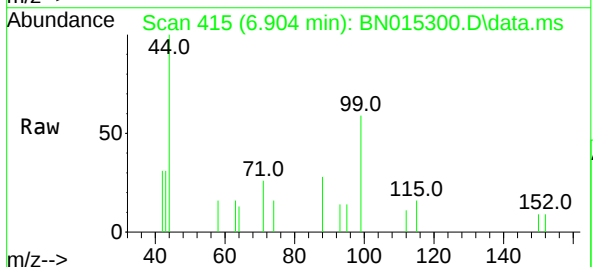
Instrument :
BNA_N
ClientSampleId :
RE126D1-20210622DL

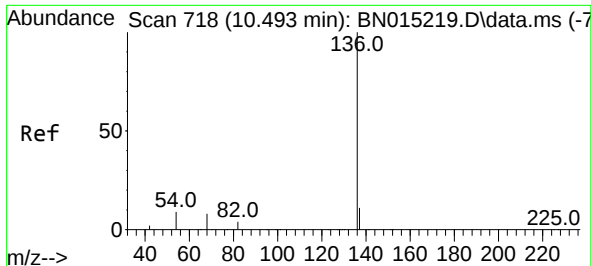
Tgt Ion:112 Resp: 652
Ion Ratio Lower Upper
112 100
64 59.7 39.0 58.6#
63 28.5 20.6 30.8



#5
Phenol-d6
Concen: 0.007 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

Tgt Ion: 99 Resp: 657
Ion Ratio Lower Upper
99 100
42 24.4 8.9 13.3#
71 33.8 35.6 53.4#

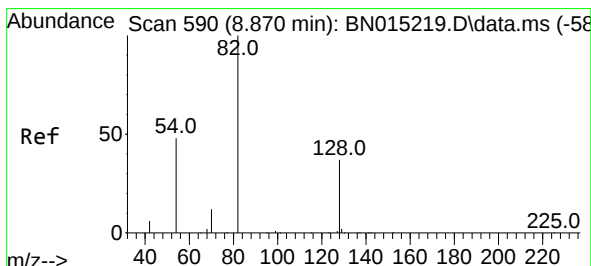
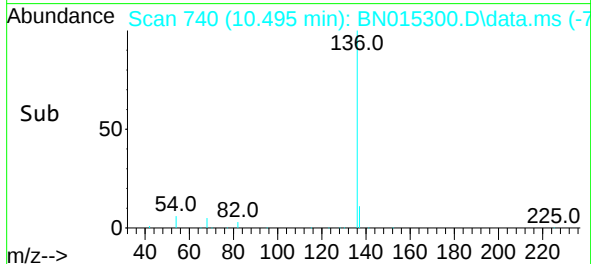
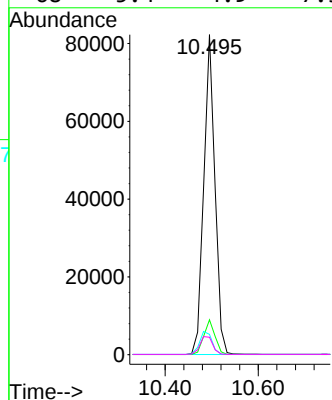
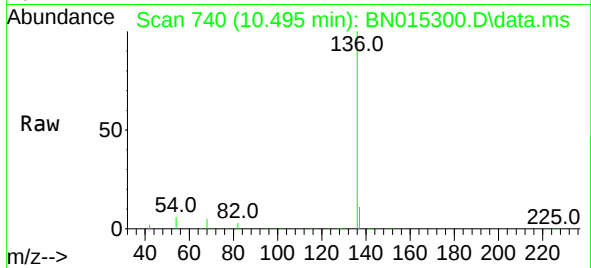




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.002 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

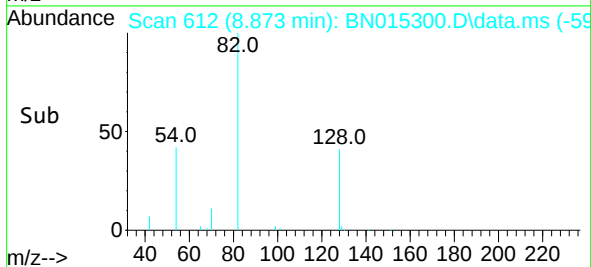
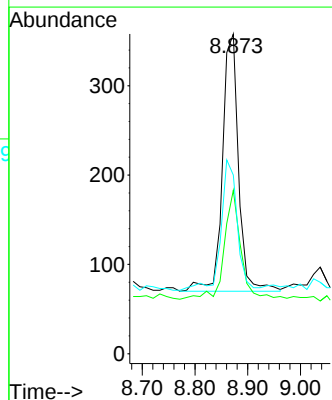
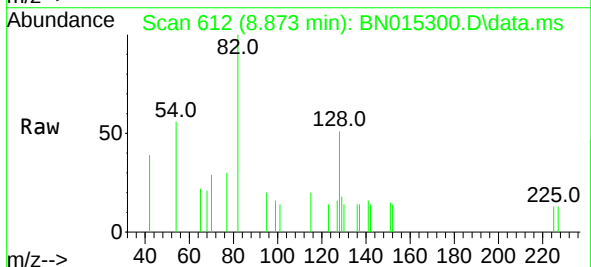
Instrument :
BNA_N
ClientSampleId :
RE126D1-20210622DL

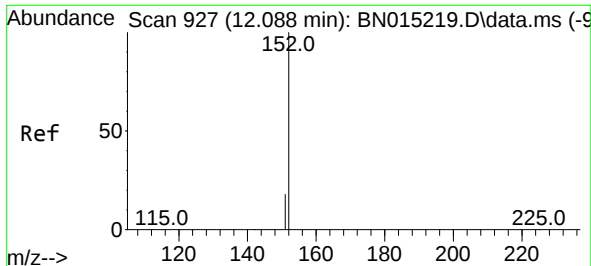
Tgt Ion:	136	Resp:	137623
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	6.4	5.4	8.2
68	5.4	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.008 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

Tgt Ion:	82	Resp:	612
Ion Ratio	Lower	Upper	
82	100		
128	51.1	31.6	47.4#
54	55.9	29.0	43.4#

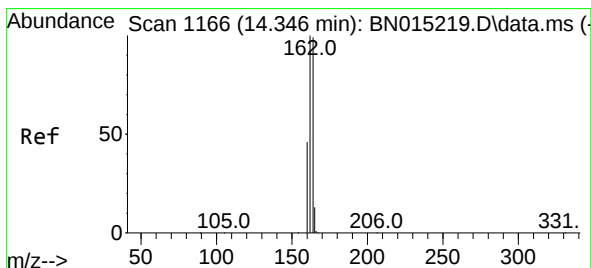
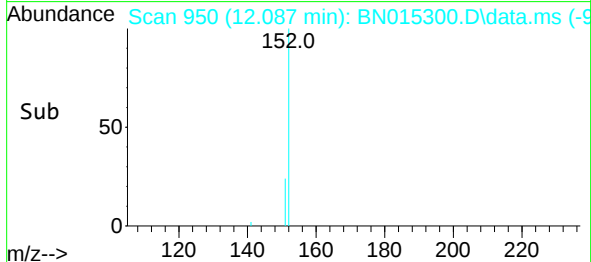
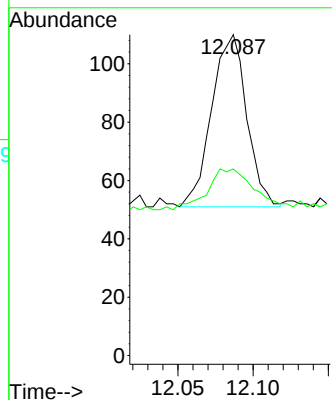
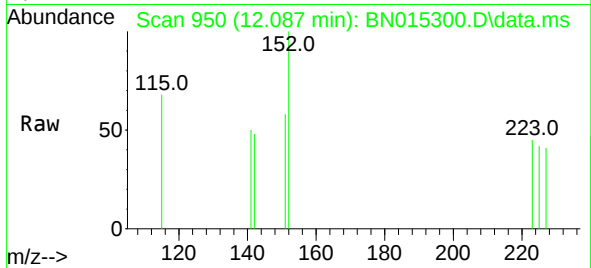




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

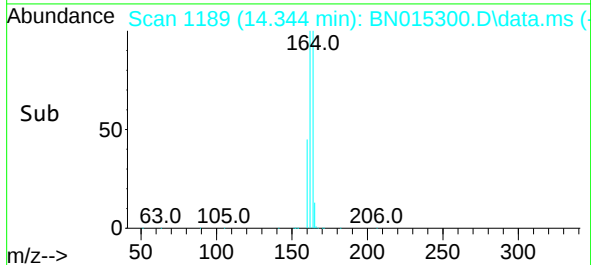
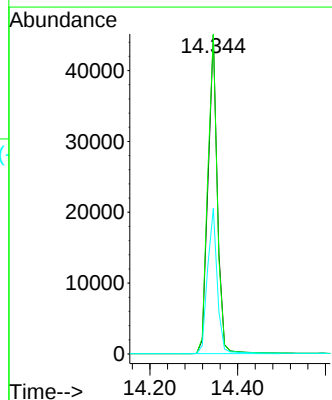
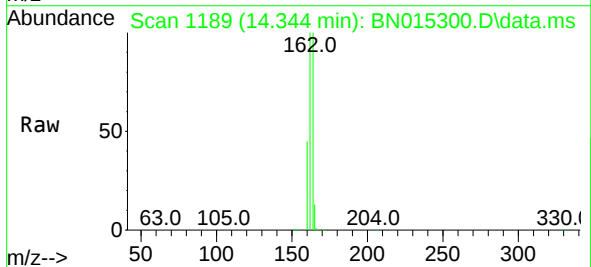
Instrument :
BNA_N
ClientSampleId :
RE126D1-20210622DL

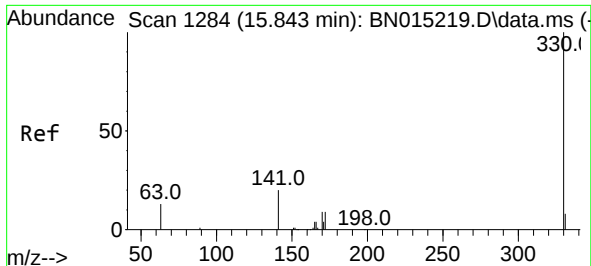
Tgt Ion:152 Resp: 96
Ion Ratio Lower Upper
152 100
151 32.3 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.344 min Scan# 1189
Delta R.T. -0.002 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

Tgt Ion:164 Resp: 66452
Ion Ratio Lower Upper
164 100
162 100.3 83.8 125.6
160 45.6 37.4 56.0

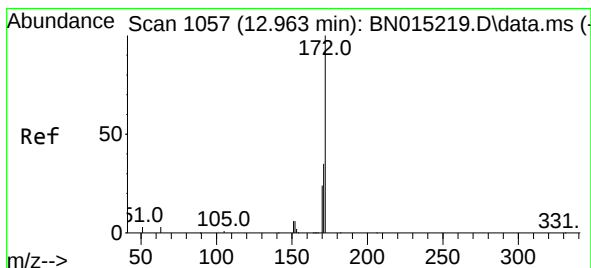
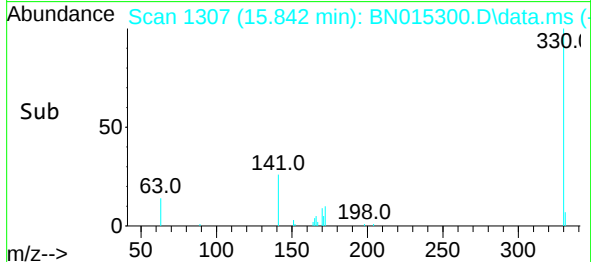
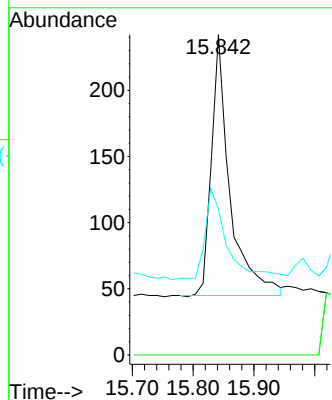
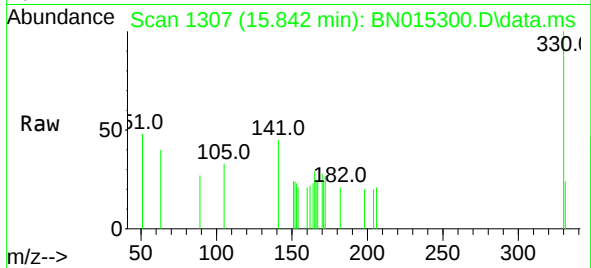




#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

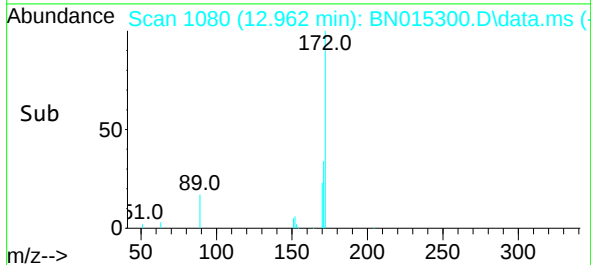
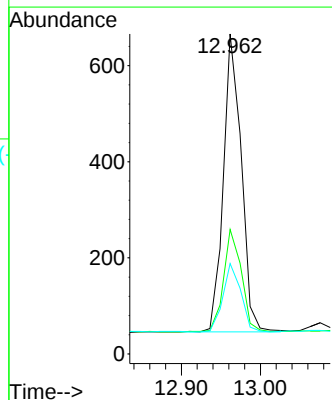
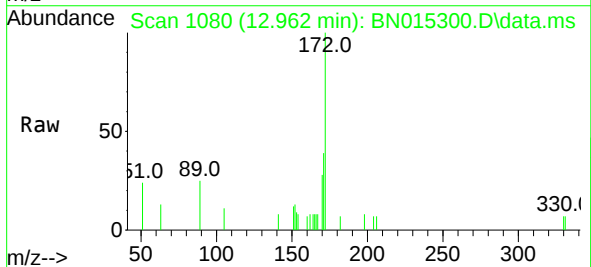
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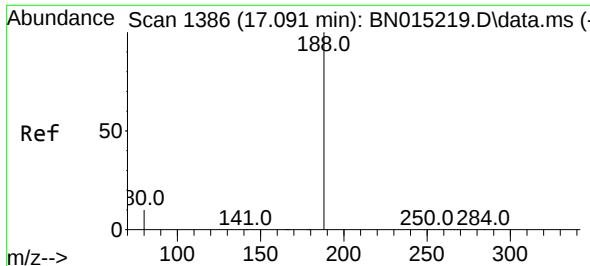
Tgt Ion:330 Resp: 415
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.8 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

Tgt Ion:172 Resp: 976
Ion Ratio Lower Upper
172 100
171 38.9 30.6 45.8
170 28.2 20.2 30.4

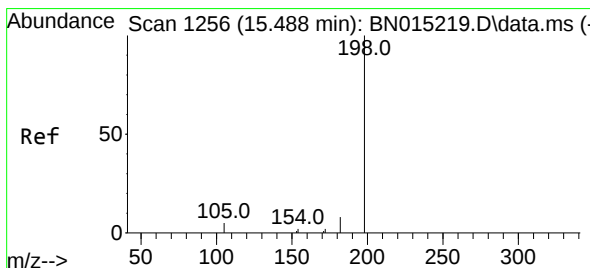
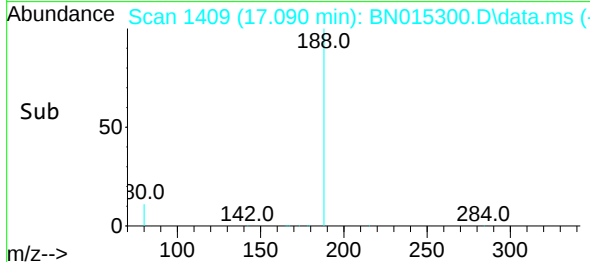
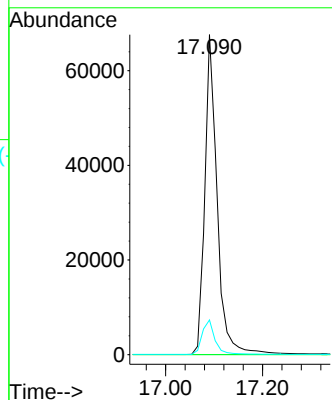
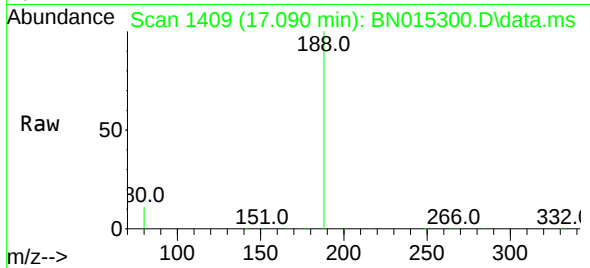




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

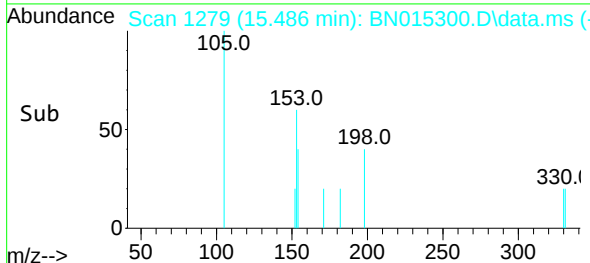
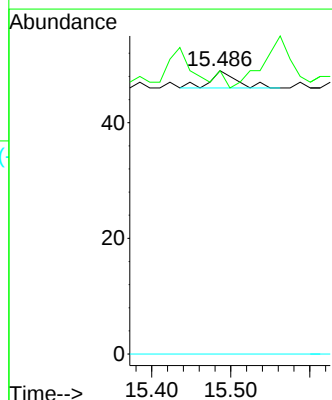
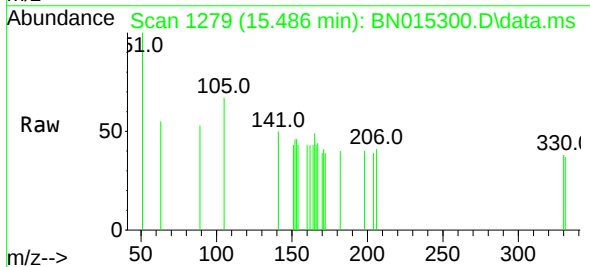
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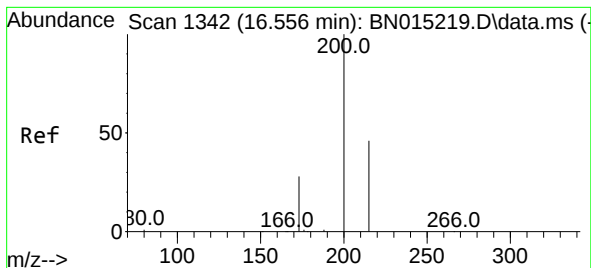
Tgt Ion:188 Resp: 119654
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.486 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 100.0 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.173 ng

RT: 16.555 min Scan# 1365

Delta R.T. -0.001 min

Lab File: BN015300.D

Acq: 02 Jul 2021 17:32

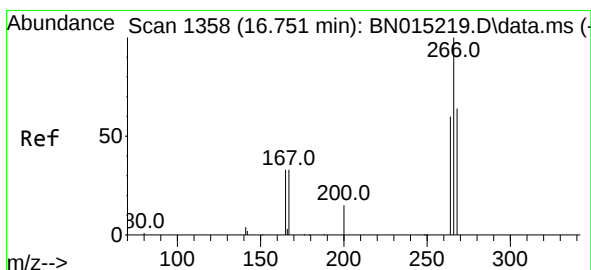
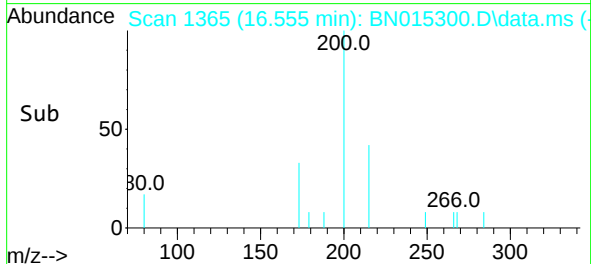
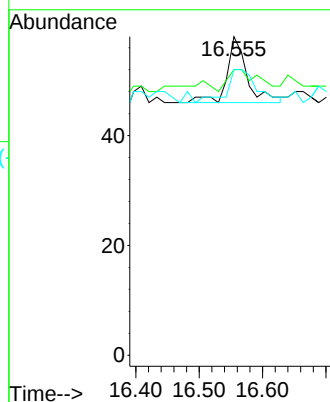
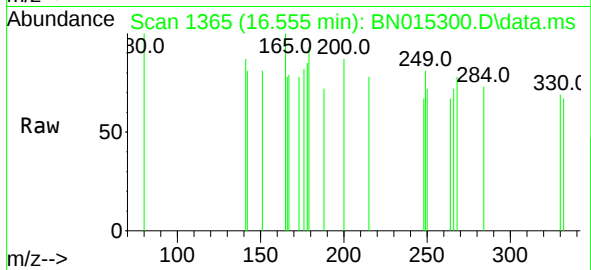
Instrument :

BNA_N

ClientSampleId :

RE126D1-20210622DL

Tgt Ion:	200	Resp:	26
Ion Ratio	Lower	Upper	
200	100		
173	89.7	21.7	32.5#
215	89.7	43.1	64.7#



#24

Pentachlorophenol

Concen: 0.270 ng

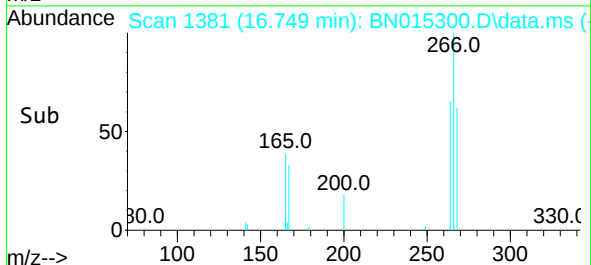
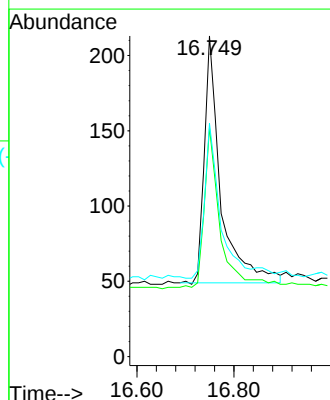
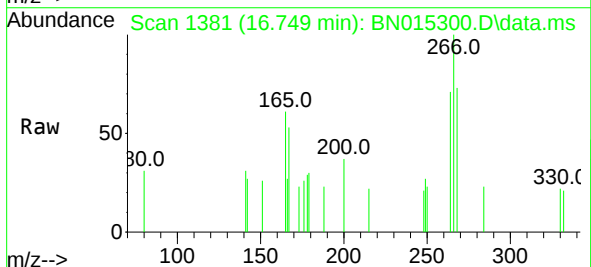
RT: 16.749 min Scan# 1381

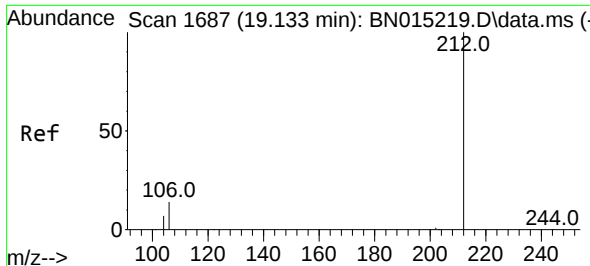
Delta R.T. -0.002 min

Lab File: BN015300.D

Acq: 02 Jul 2021 17:32

Tgt Ion:	266	Resp:	387
Ion Ratio	Lower	Upper	
266	100		
264	61.5	51.0	76.4
268	59.2	50.6	76.0

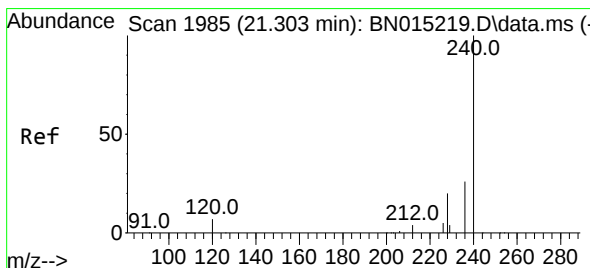
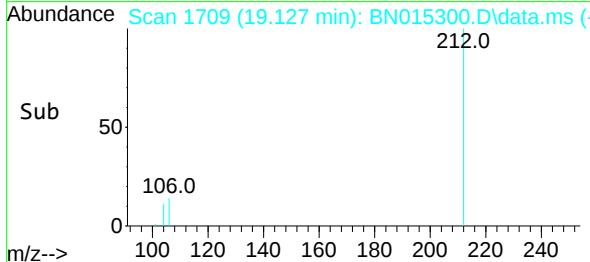
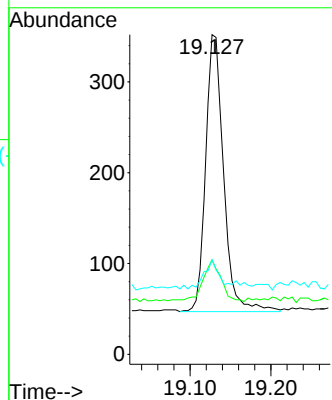
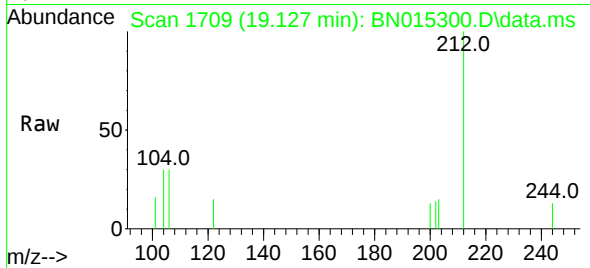




#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

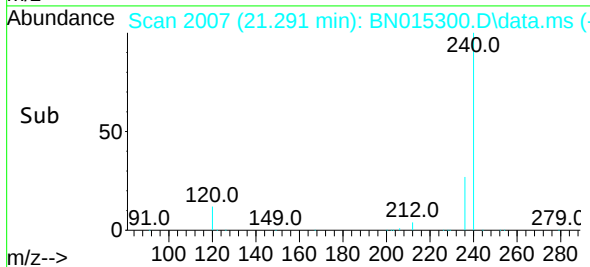
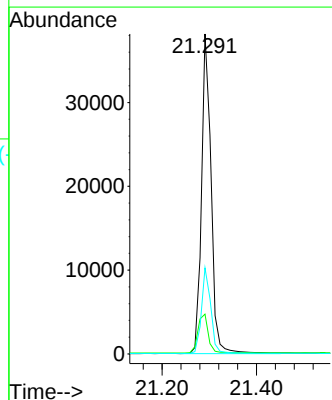
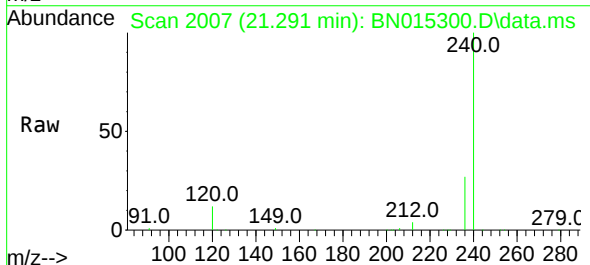
Instrument :
BNA_N
ClientSampleId :
RE126D1-20210622DL

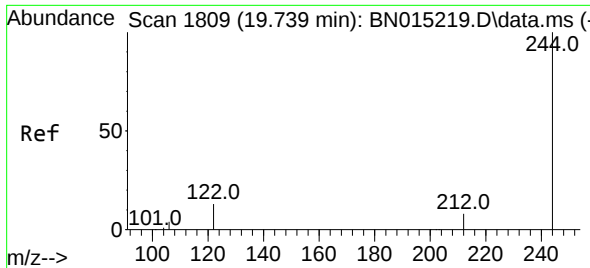
Tgt Ion:212 Resp: 472
Ion Ratio Lower Upper
212 100
106 15.5 7.0 10.6#
104 8.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015300.D
Acq: 02 Jul 2021 17:32

Tgt Ion:240 Resp: 53802
Ion Ratio Lower Upper
240 100
120 12.5 4.2 6.4#
236 26.9 21.4 32.2

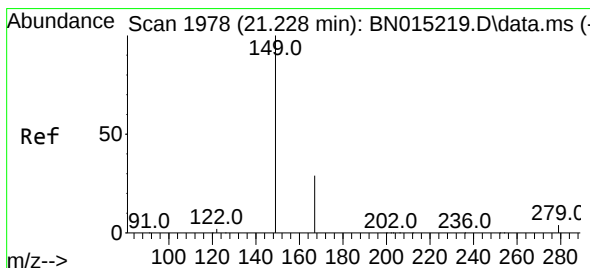
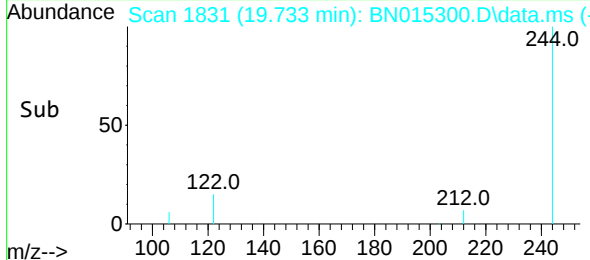
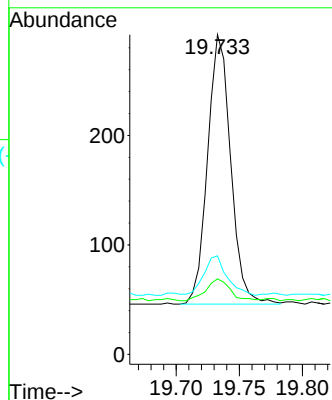
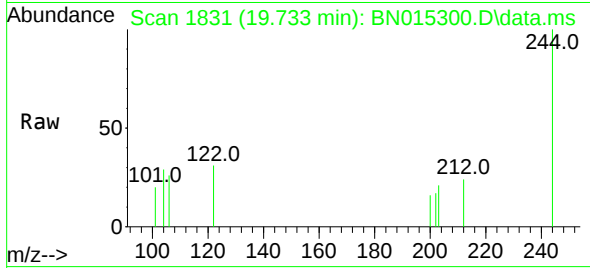




#31
 Terphenyl-d14
 Concen: 0.002 ng
 RT: 19.733 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BN015300.D
 Acq: 02 Jul 2021 17:32

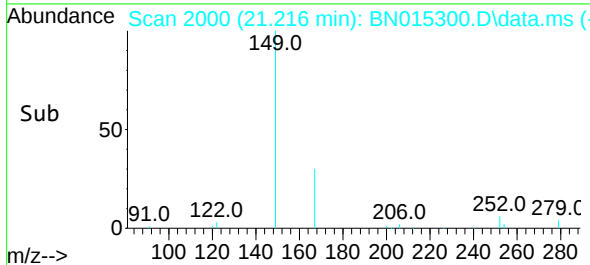
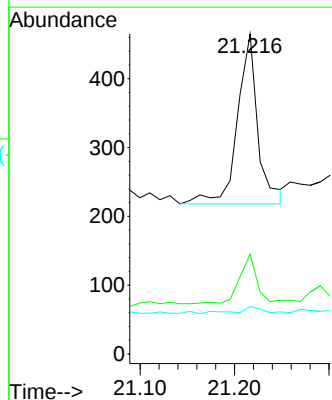
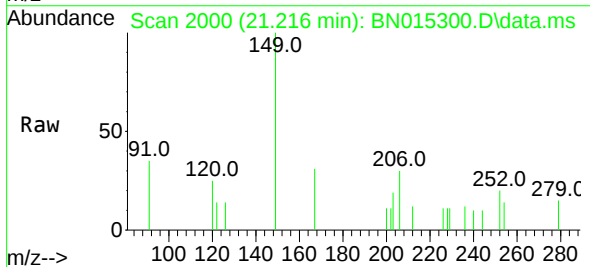
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20210622DL

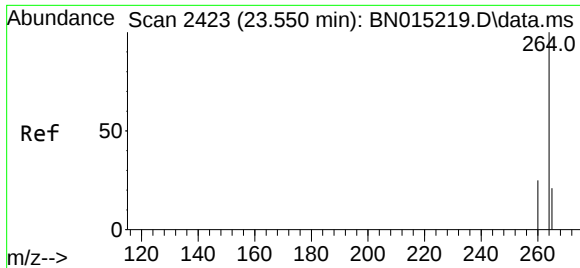
Tgt Ion:244 Resp: 313
 Ion Ratio Lower Upper
 244 100
 212 23.6 6.3 9.5#
 122 30.8 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.150 ng
 RT: 21.216 min Scan# 2000
 Delta R.T. -0.012 min
 Lab File: BN015300.D
 Acq: 02 Jul 2021 17:32

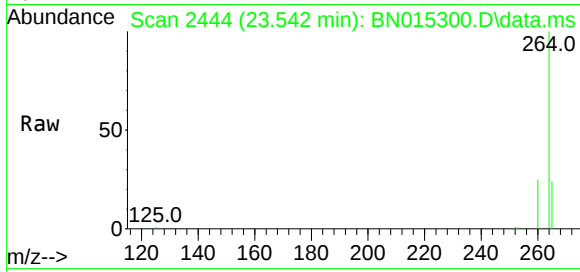
Tgt Ion:149 Resp: 371
 Ion Ratio Lower Upper
 149 100
 167 25.1 28.9 43.3#
 279 6.5 4.9 7.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.542 min Scan# 2444
 Delta R.T. -0.008 min
 Lab File: BN015300.D
 Acq: 02 Jul 2021 17:32

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20210622DL



Tgt Ion:264 Resp: 46137

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	24.1	21.4	32.2

