

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015271.D
 Acq On : 01 Jul 2021 21:44
 Operator : CG/JU
 Sample : M2838-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210622

Quant Time: Jul 02 01:00:40 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)

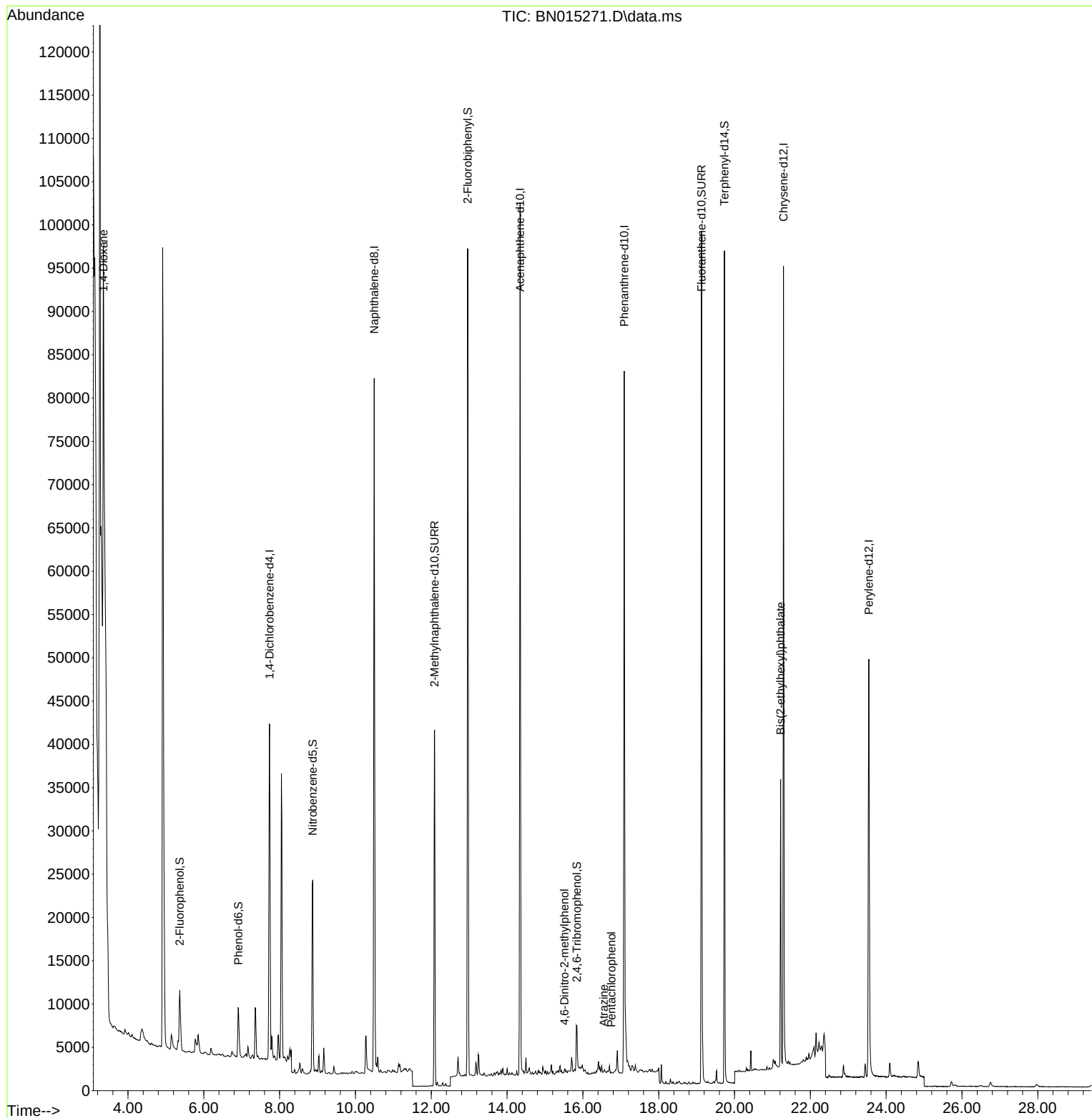
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	22854	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	104529	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	57139	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	113066	0.40	ng	0.00
29) Chrysene-d12	21.291	240	85832	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	69662	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	8648	0.15	ng	0.00
5) Phenol-d6	6.914	99	6019	0.08	ng	0.01
8) Nitrobenzene-d5	8.873	82	21113	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	56109	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	5323	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	82356	0.35	ng	0.00
27) Fluoranthene-d10	19.128	212	115721	0.35	ng	0.00
31) Terphenyl-d14	19.733	244	94630	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	87653	8.18	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.512	198	11	0.20	ng	# 1
23) Atrazine	16.555	200	69	0.17	ng	# 17
24) Pentachlorophenol	16.750	266	55	0.25	ng	85
34) Bis(2-ethylhexyl)phtha...	21.217	149	29290	0.43	ng	# 87

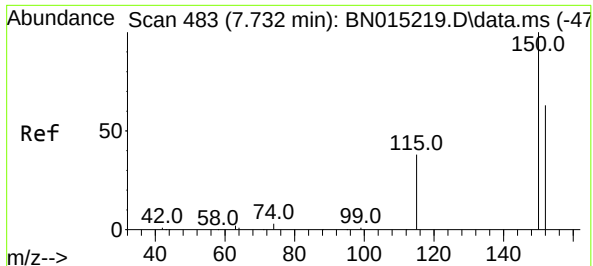
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 01:00:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
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QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

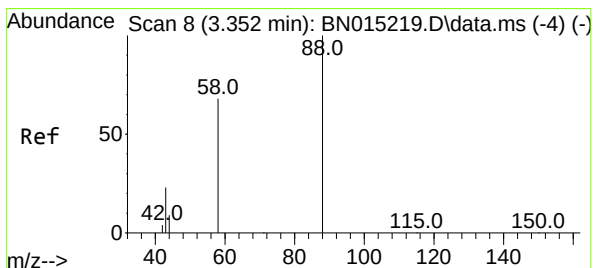
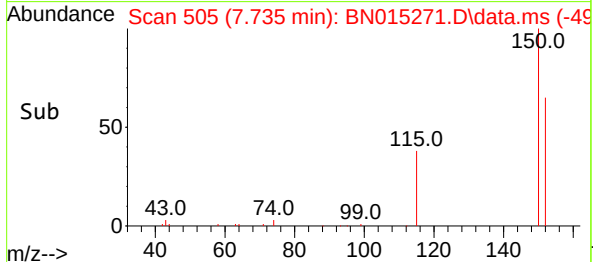
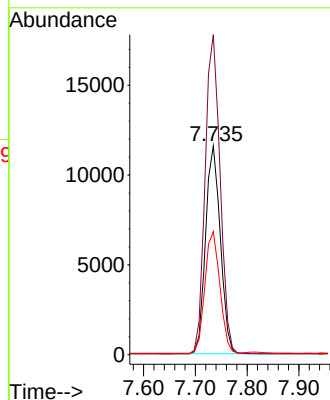
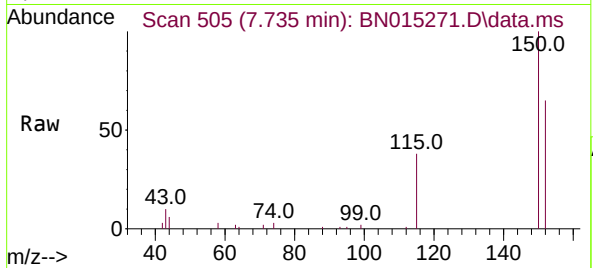




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015271.D
 Acq: 01 Jul 2021 21:44

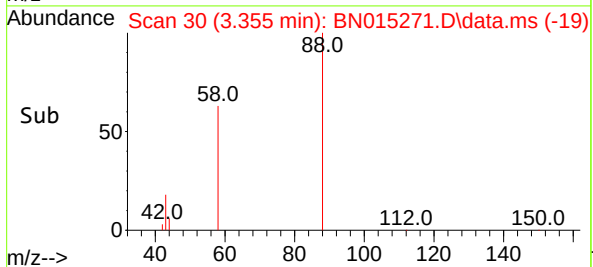
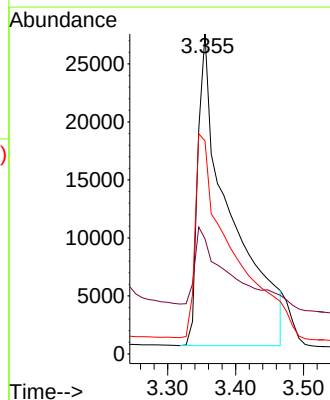
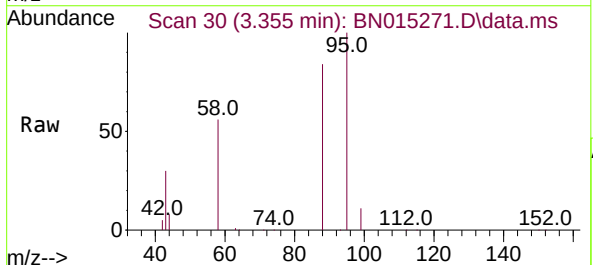
Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210622

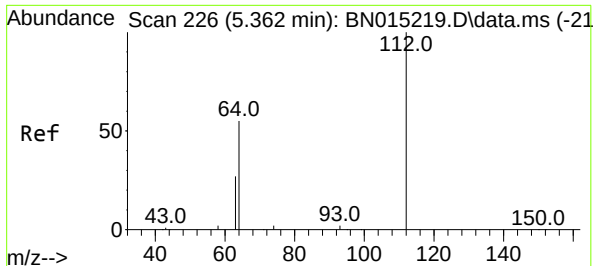
Tgt Ion:152 Resp: 22854
 Ion Ratio Lower Upper
 152 100
 150 153.2 119.0 178.6
 115 58.9 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 8.18 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015271.D
 Acq: 01 Jul 2021 21:44

Tgt Ion: 88 Resp: 87653
 Ion Ratio Lower Upper
 88 100
 43 23.8 12.9 19.3#
 58 71.6 38.1 57.1#

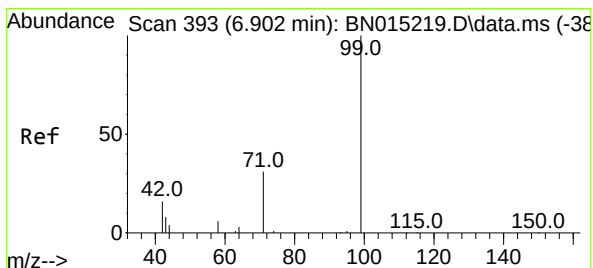
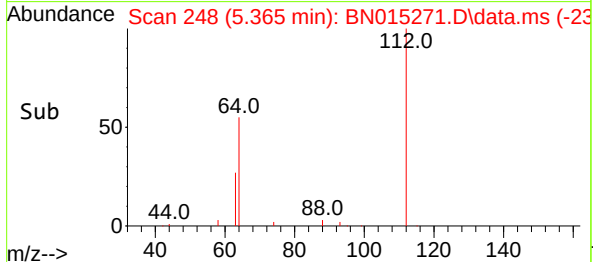
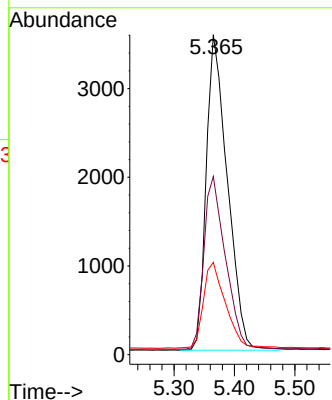
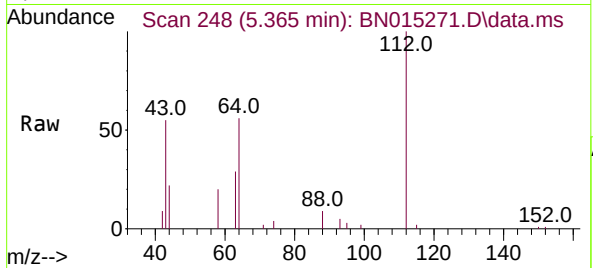




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

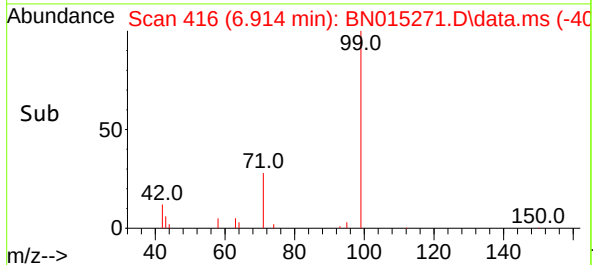
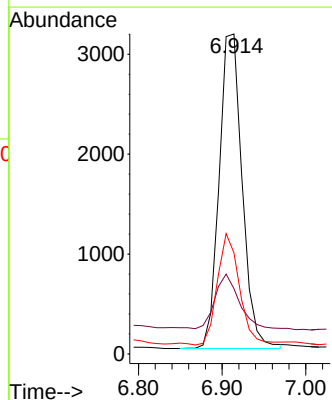
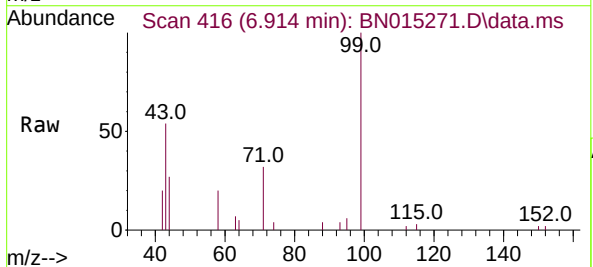
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210622

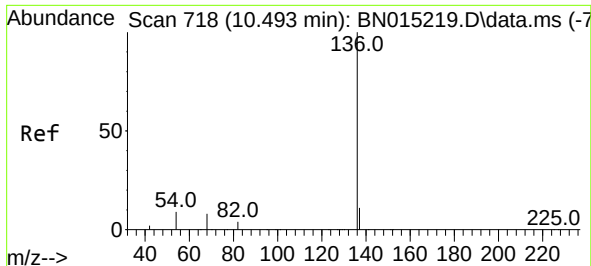
Tgt Ion:112 Resp: 8648
Ion Ratio Lower Upper
112 100
64 55.8 39.0 58.6
63 28.3 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.914 min Scan# 416
Delta R.T. 0.012 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

Tgt Ion: 99 Resp: 6019
Ion Ratio Lower Upper
99 100
42 17.9 8.9 13.3#
71 34.2 35.6 53.4#

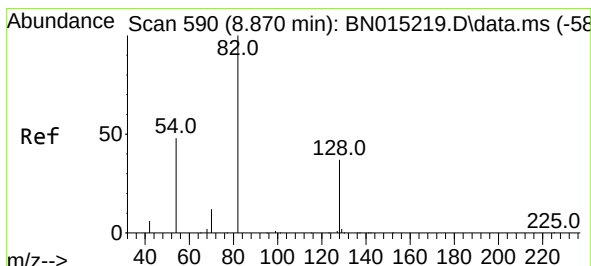
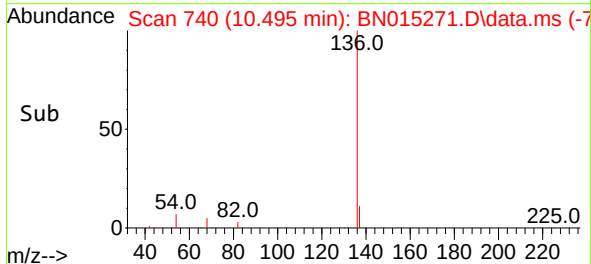
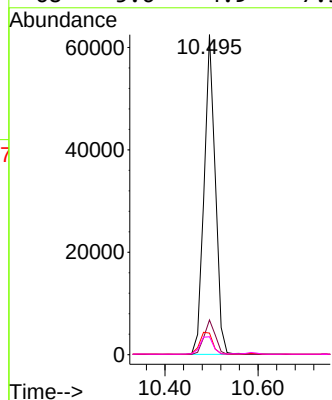
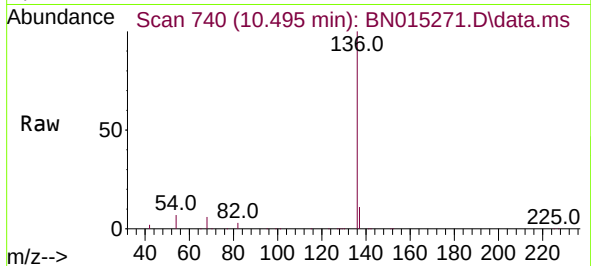




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

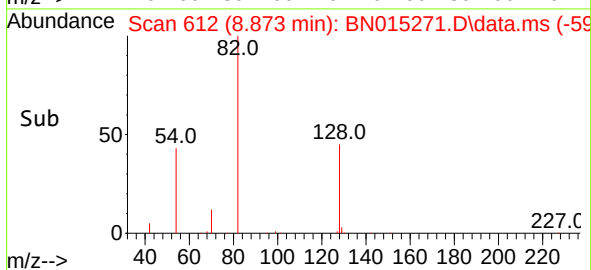
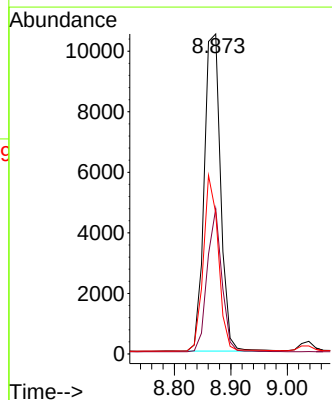
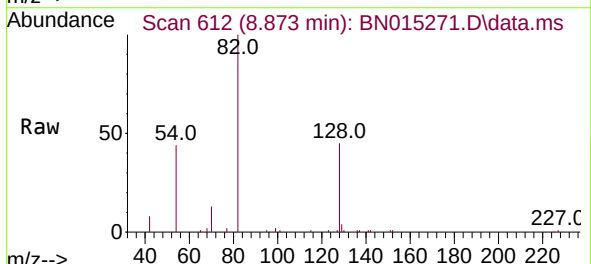
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210622

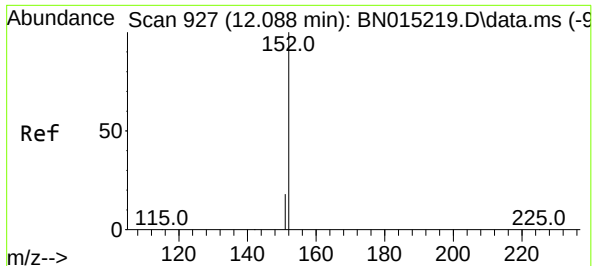
Tgt Ion:136	Resp:	104529
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.8
54	6.8	5.4 8.2
68	5.6	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

Tgt Ion: 82	Resp:	21113
Ion Ratio	Lower	Upper
82	100	
128	45.4	31.6 47.4
54	44.0	29.0 43.4

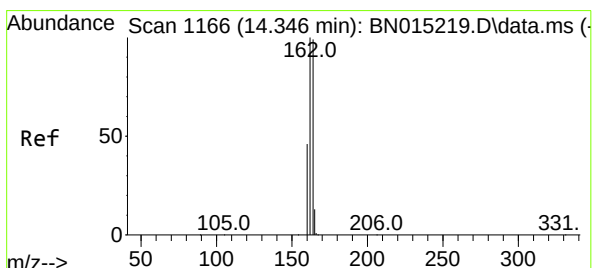
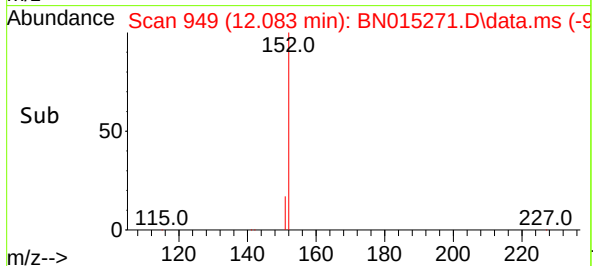
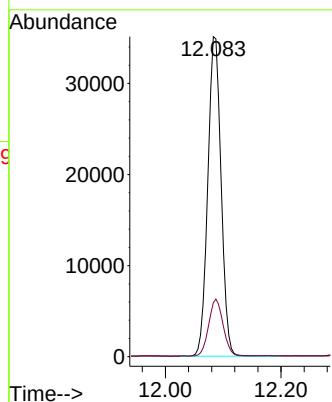
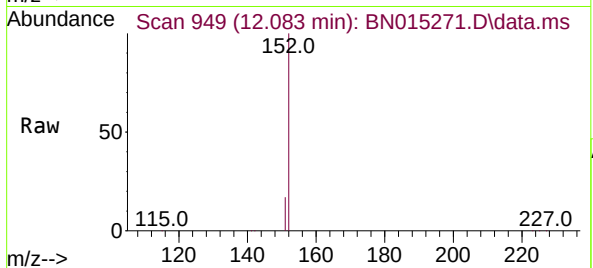




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

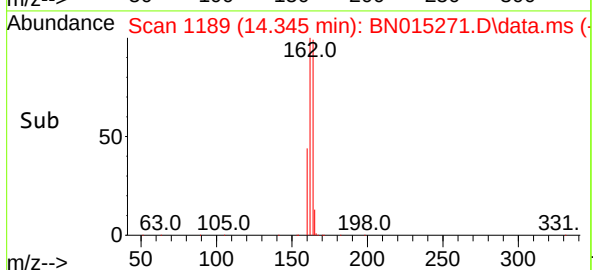
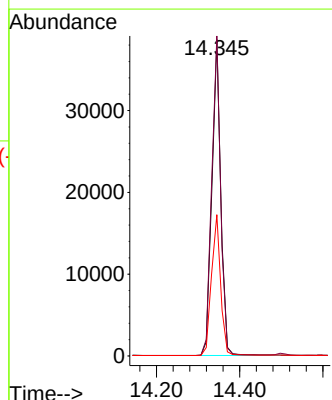
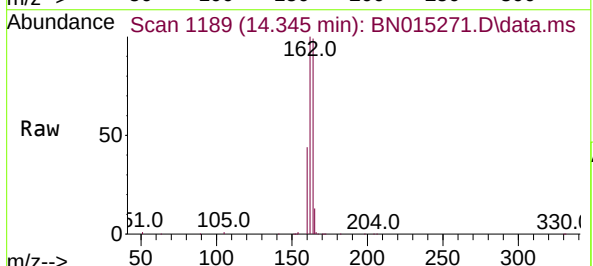
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210622

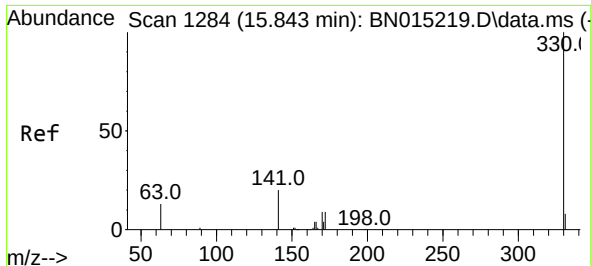
Tgt Ion:152 Resp: 56109
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

Tgt Ion:164 Resp: 57139
Ion Ratio Lower Upper
164 100
162 101.1 83.8 125.6
160 44.6 37.4 56.0

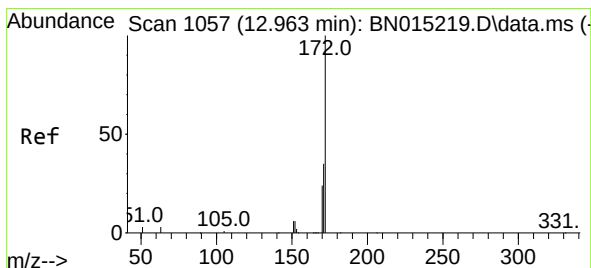
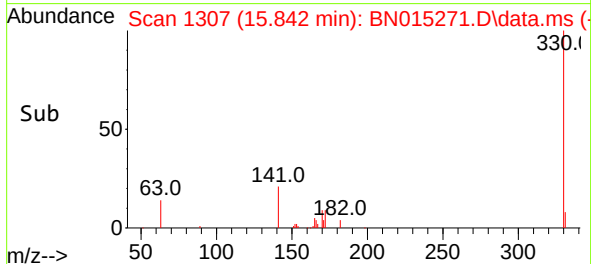
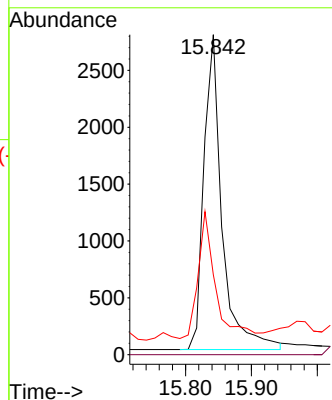
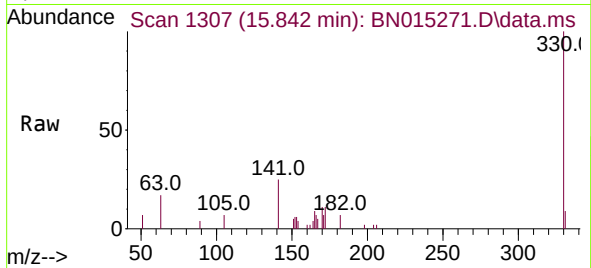




#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

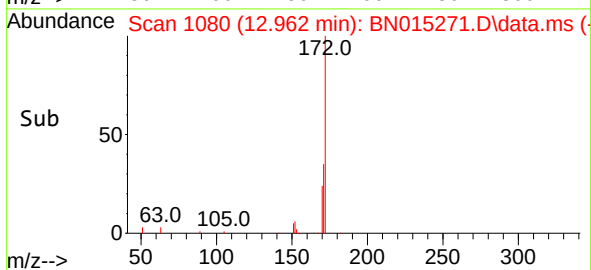
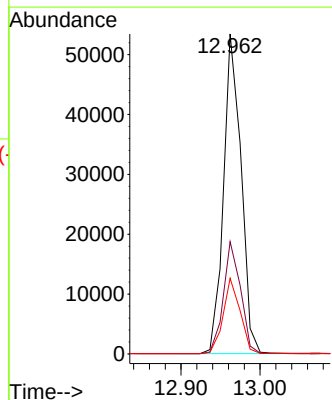
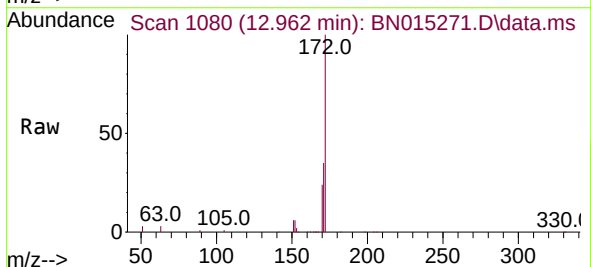
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BNA_N
ClientSampleId :
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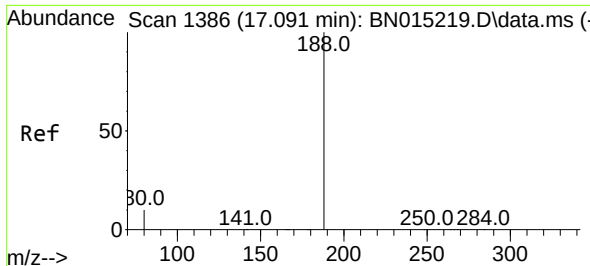
Tgt Ion: 330 Resp: 5323
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.1 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

Tgt Ion: 172 Resp: 82356
Ion Ratio Lower Upper
172 100
171 35.1 30.6 45.8
170 23.6 20.2 30.4

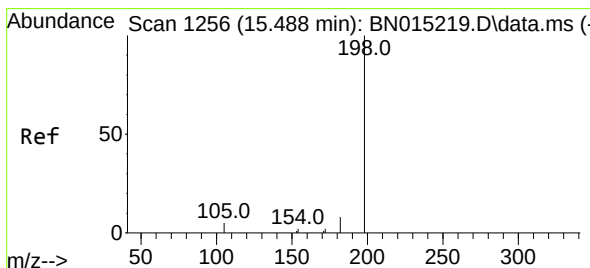
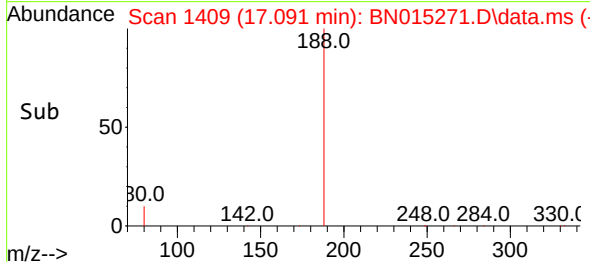
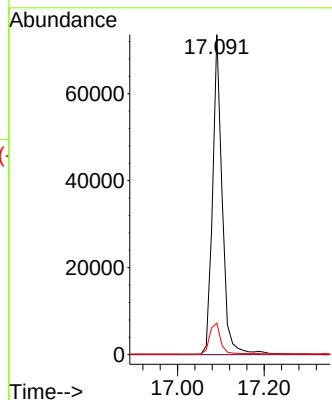
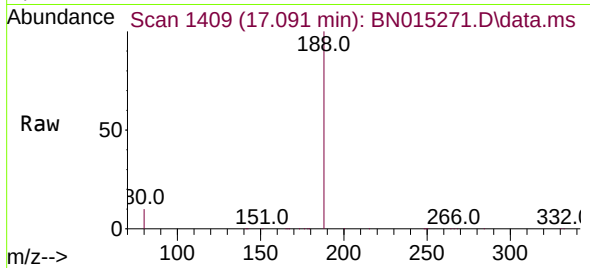




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

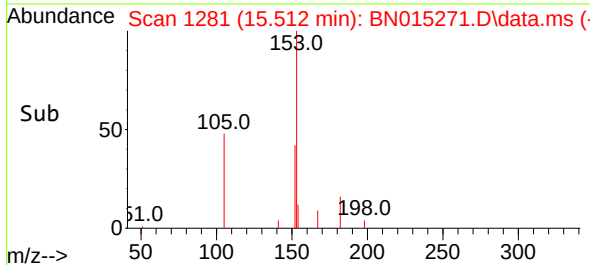
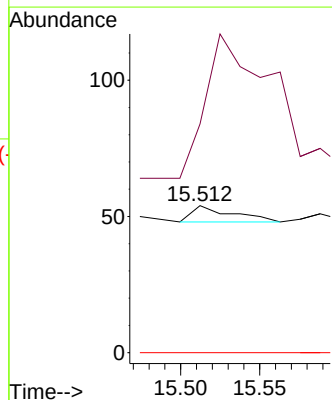
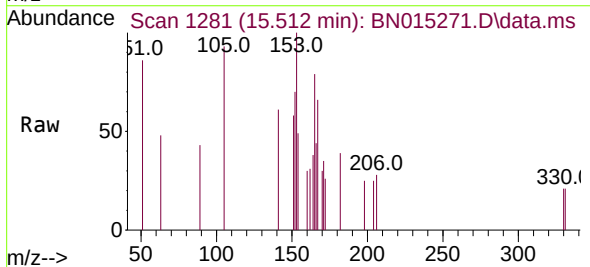
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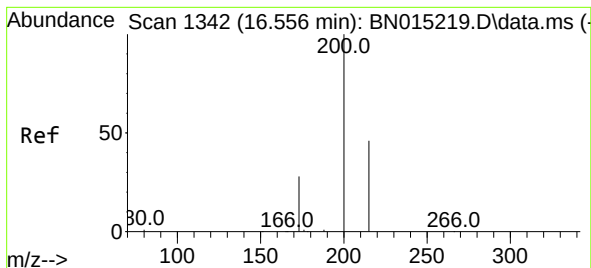
Tgt Ion:188 Resp: 113066
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.512 min Scan# 1281
Delta R.T. 0.024 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 155.6 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: BN015271.D

Acq: 01 Jul 2021 21:44

Tgt Ion:200 Resp: 69

Ion Ratio Lower Upper

200 100

173 111.5 21.7 32.5#

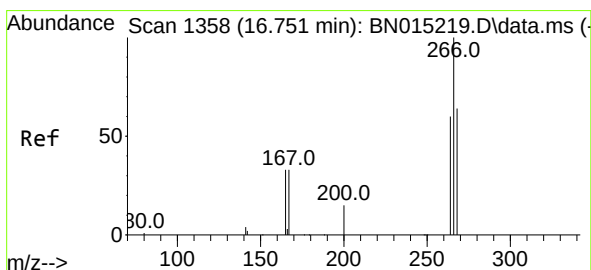
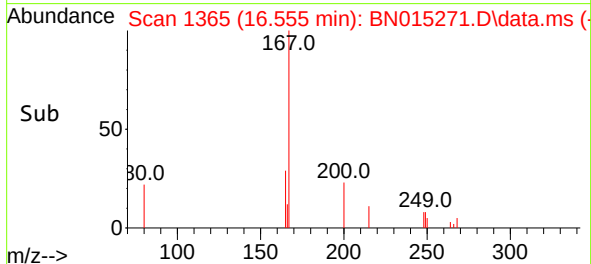
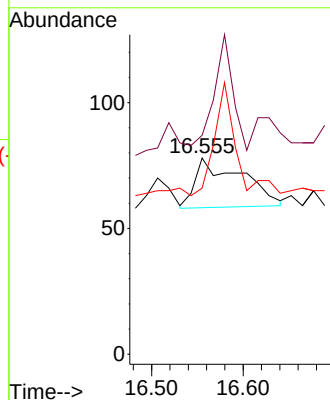
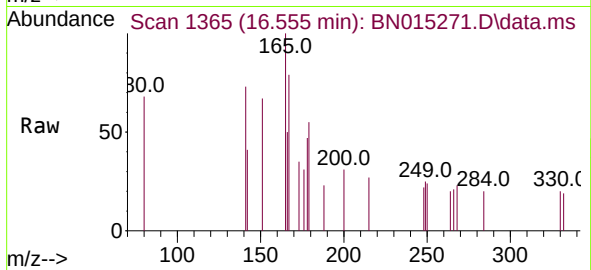
215 84.6 43.1 64.7#

Instrument :

BNA_N

ClientSampleId :

RE109D3-20210622



#24

Pentachlorophenol

Concen: 0.25 ng

RT: 16.750 min Scan# 1381

Delta R.T. -0.001 min

Lab File: BN015271.D

Acq: 01 Jul 2021 21:44

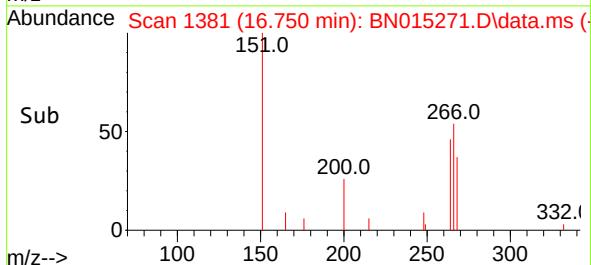
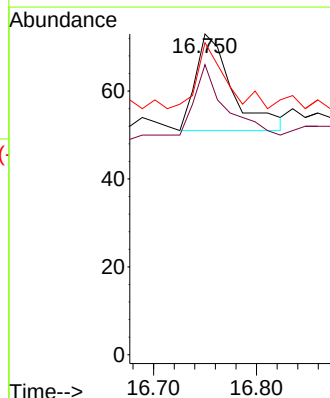
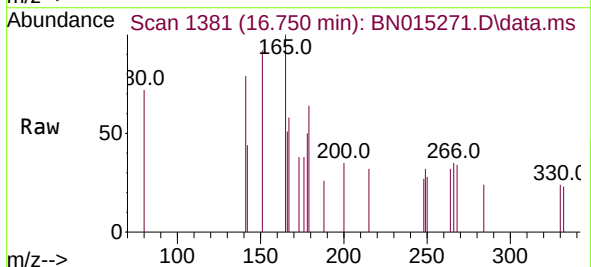
Tgt Ion:266 Resp: 55

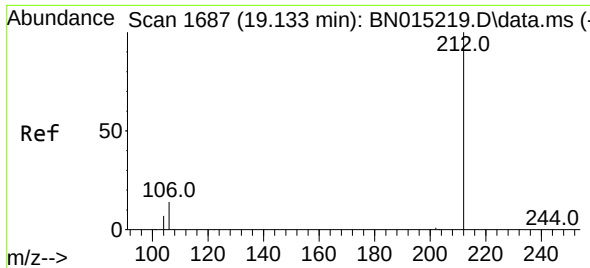
Ion Ratio Lower Upper

266 100

264 74.5 51.0 76.4

268 50.9 50.6 76.0

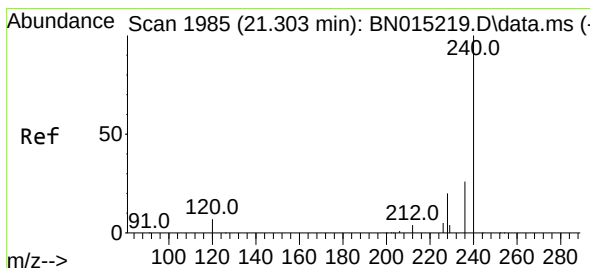
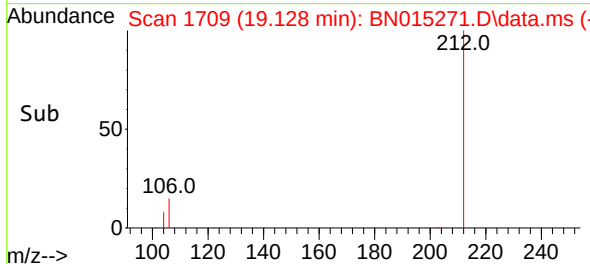
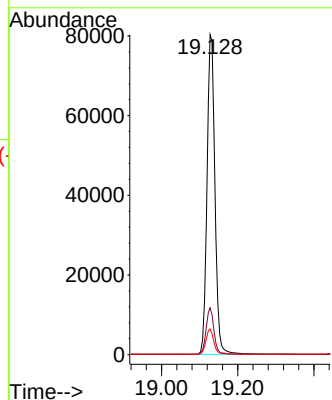
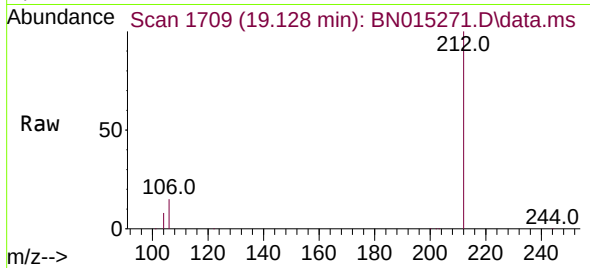




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

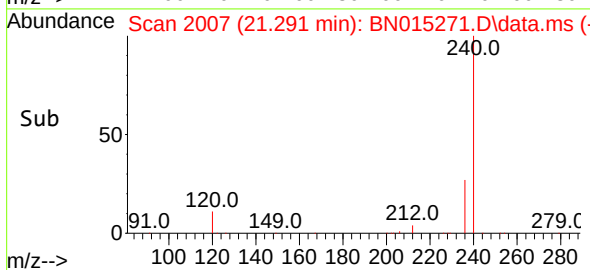
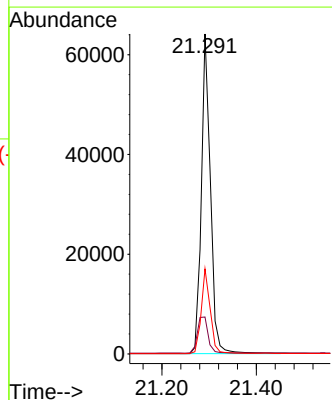
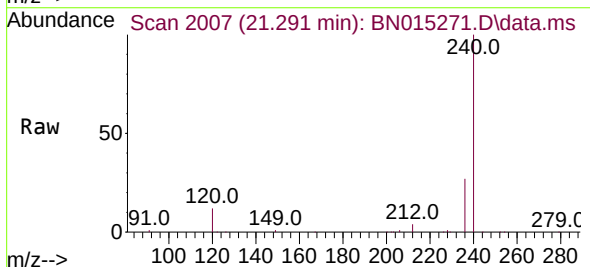
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210622

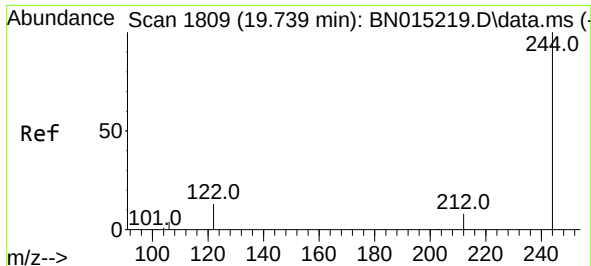
Tgt Ion:212 Resp: 115721
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

Tgt Ion:240 Resp: 85832
Ion Ratio Lower Upper
240 100
120 11.5 4.2 6.4#
236 26.6 21.4 32.2

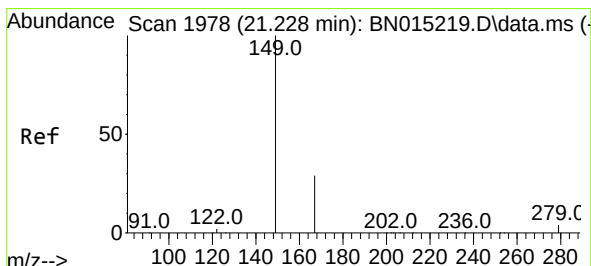
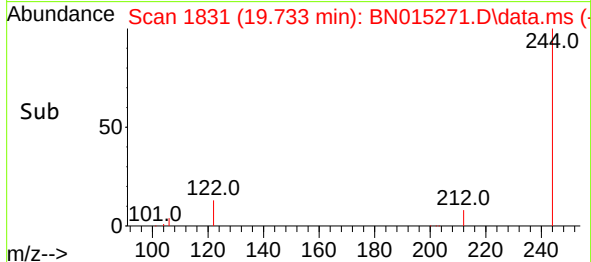
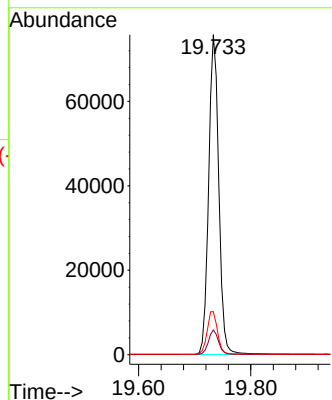
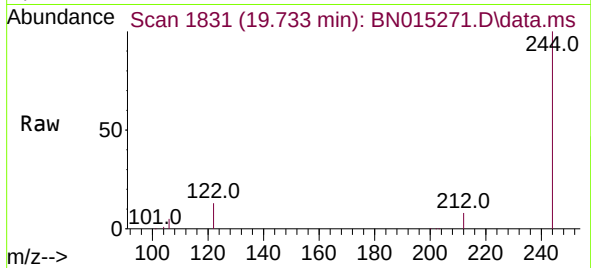




#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

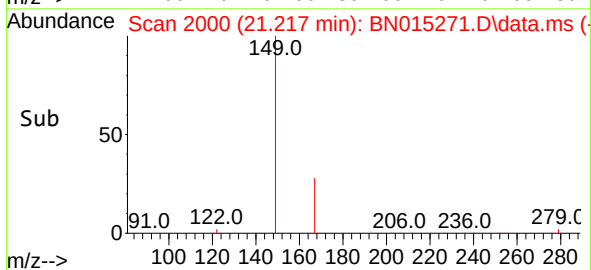
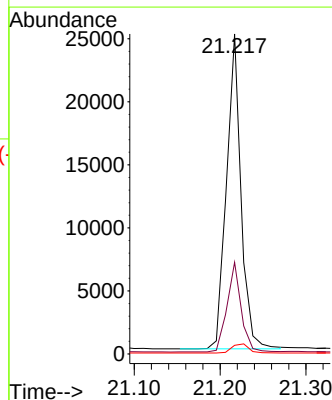
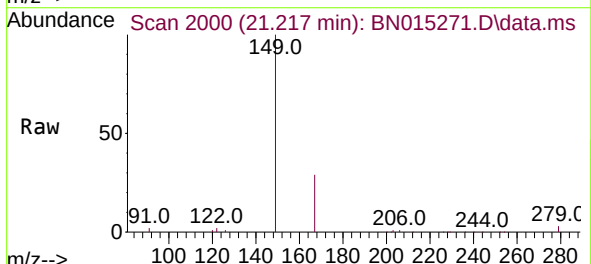
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210622

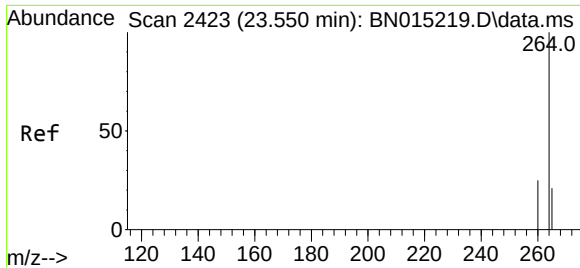
Tgt Ion:244 Resp: 94630
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.4 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015271.D
Acq: 01 Jul 2021 21:44

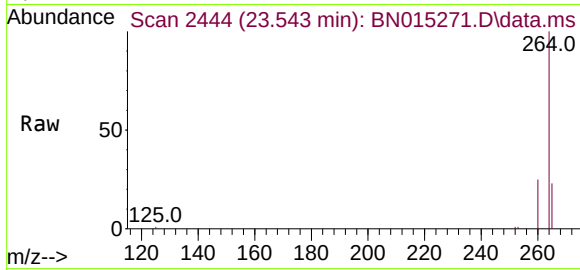
Tgt Ion:149 Resp: 29290
Ion Ratio Lower Upper
149 100
167 27.8 28.9 43.3#
279 3.4 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.543 min Scan# 2444
 Delta R.T. -0.007 min
 Lab File: BN015271.D
 Acq: 01 Jul 2021 21:44

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210622



Tgt Ion:264 Resp: 69662

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	23.0	21.4	32.2

