

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017810.D
 Acq On : 08 Dec 2021 21:25
 Operator : CG/JU
 Sample : M4922-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20211130

Quant Time: Dec 09 11:05:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

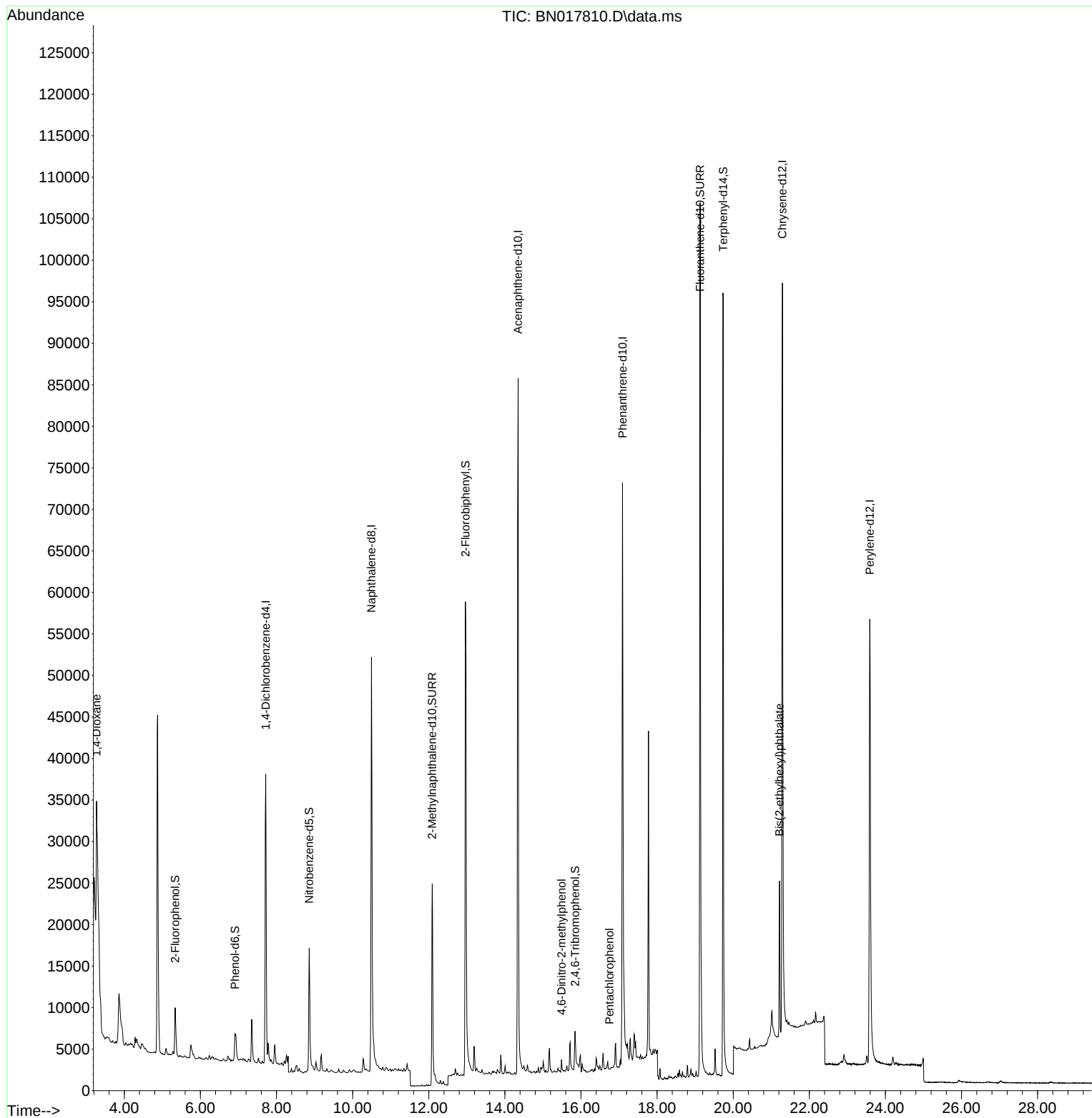
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20434	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	80613	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	57894	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	121943	0.400	ng	0.00
29) Chrysene-d12	21.293	240	116003	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	91068	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6316	0.128	ng	0.00
5) Phenol-d6	6.913	99	3408	0.073	ng	0.00
8) Nitrobenzene-d5	8.859	82	16167	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	41752	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6018	0.199	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63663	0.300	ng	0.00
27) Fluoranthene-d10	19.129	212	144343	0.354	ng	0.00
31) Terphenyl-d14	19.735	244	119603	0.480	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	22769	3.027	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.489	198	7	0.086	ng	# 11
24) Pentachlorophenol	16.752	266	4	0.280	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.219	149	17340	0.107	ng	99

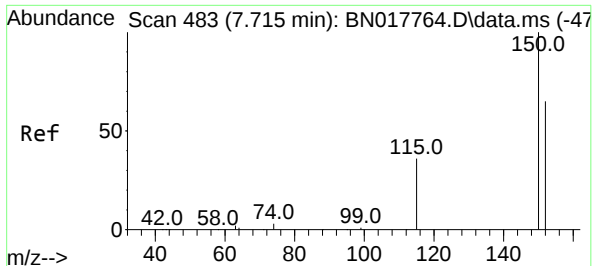
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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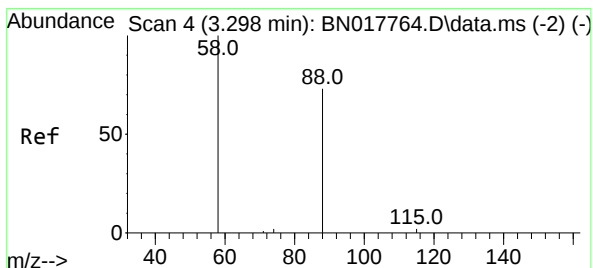
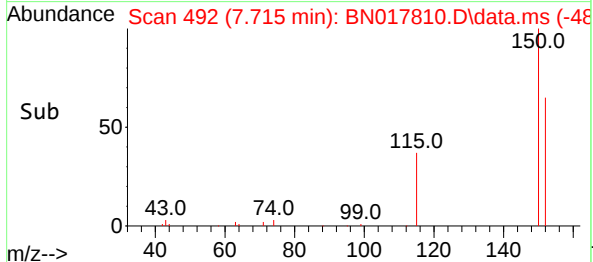
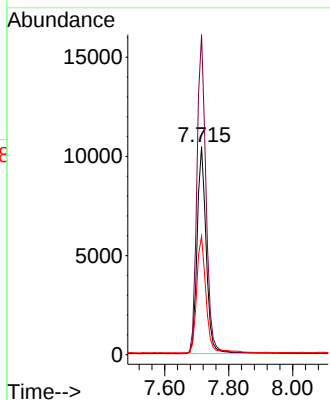
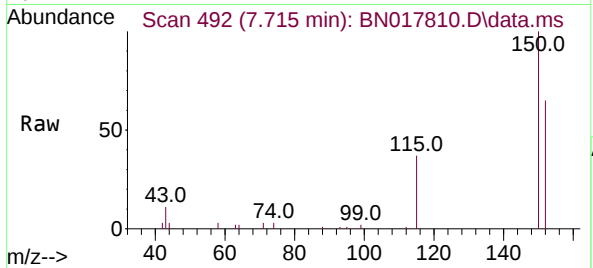




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN017810.D
 Acq: 08 Dec 2021 21:25

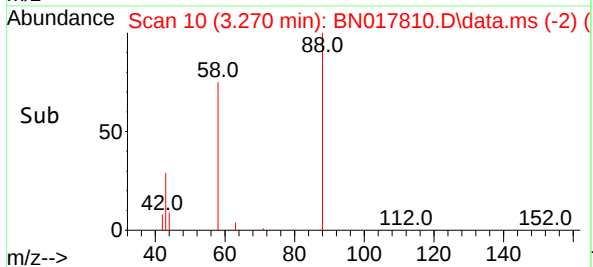
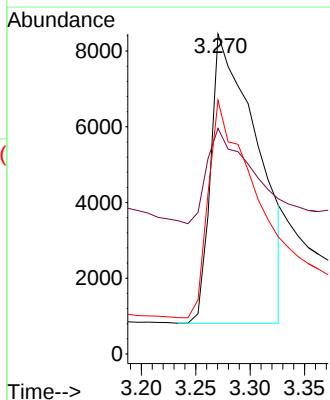
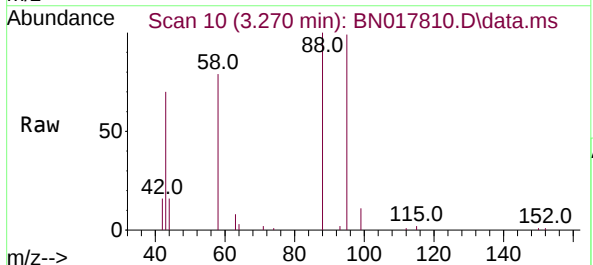
Instrument :
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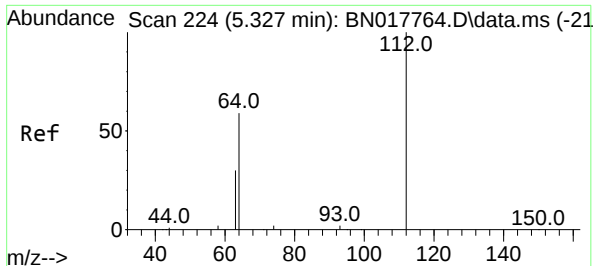
Tgt Ion:152 Resp: 20434
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.0 184.4
 115 56.9 45.3 67.9



#2
 1,4-Dioxane
 Concen: 3.027 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017810.D
 Acq: 08 Dec 2021 21:25

Tgt Ion: 88 Resp: 22769
 Ion Ratio Lower Upper
 88 100
 43 30.9 0.0 0.0#
 58 73.9 0.0 0.0#

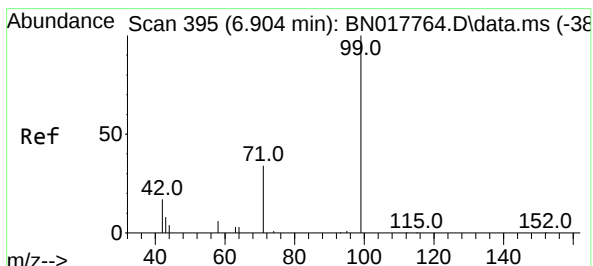
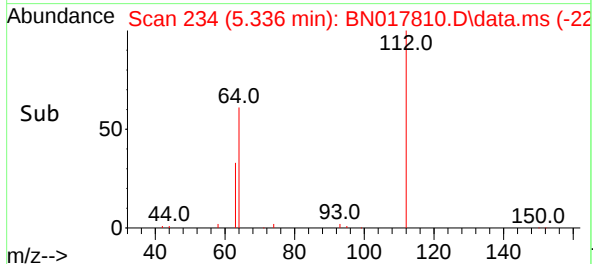
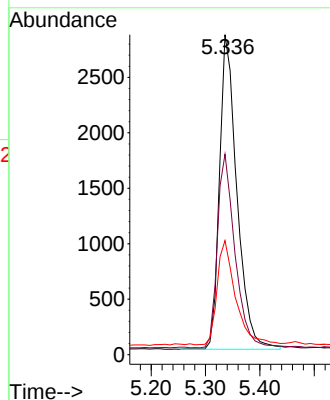
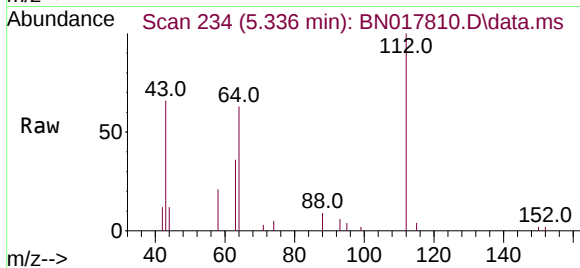




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

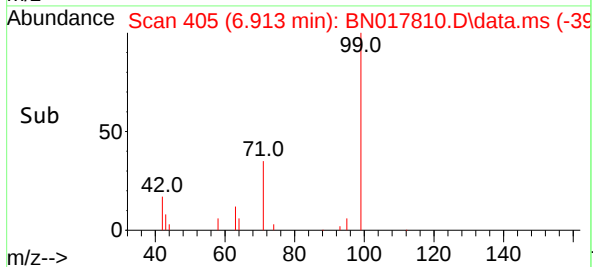
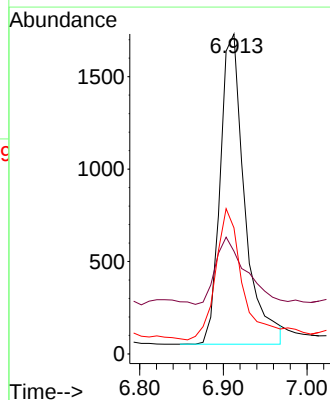
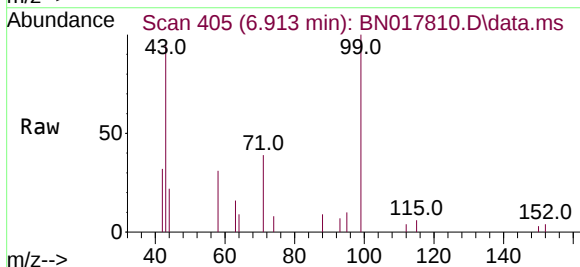
Instrument :
BNA_N
ClientSampleId :
RE131D3-20211130

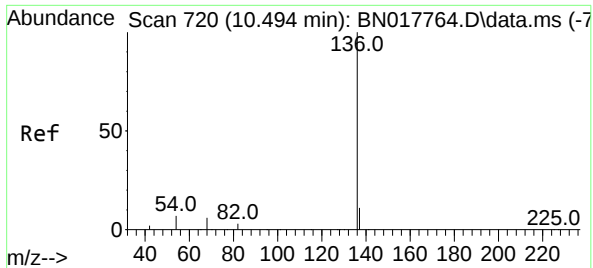
Tgt Ion: 112 Resp: 6316
Ion Ratio Lower Upper
112 100
64 62.2 49.3 73.9
63 35.0 25.8 38.8



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.913 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

Tgt Ion: 99 Resp: 3408
Ion Ratio Lower Upper
99 100
42 26.9 16.6 25.0#
71 46.3 29.0 43.4#

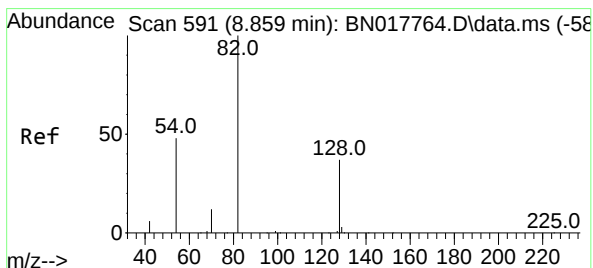
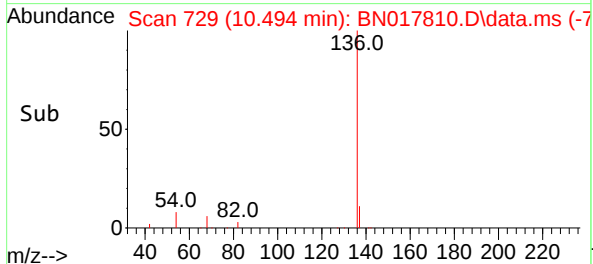
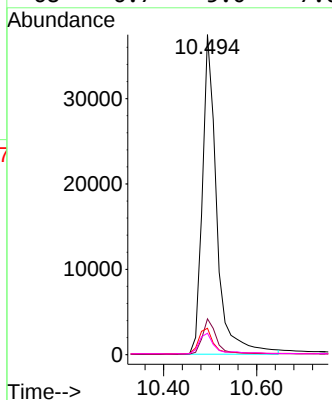
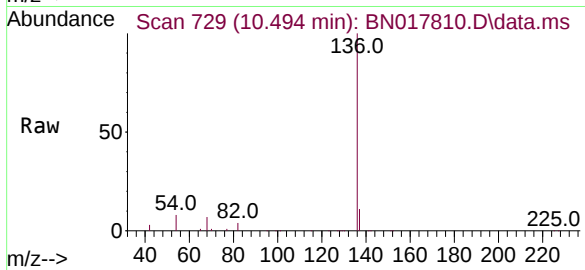




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

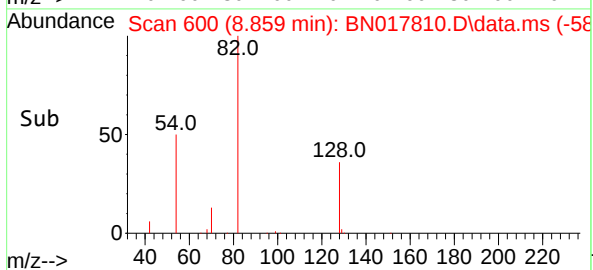
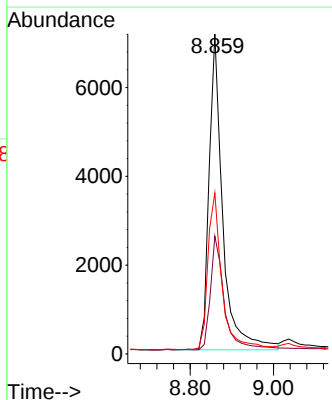
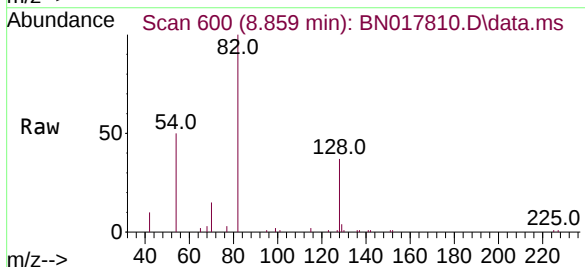
Instrument :
BNA_N
ClientSampleId :
RE131D3-20211130

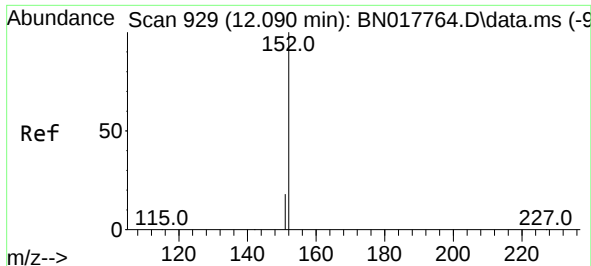
Tgt Ion:	136	Resp:	80613
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	8.3	5.9	8.9
68	6.7	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

Tgt Ion:	82	Resp:	16167
Ion Ratio	Lower	Upper	
82	100		
128	36.8	30.2	45.2
54	50.4	39.0	58.6

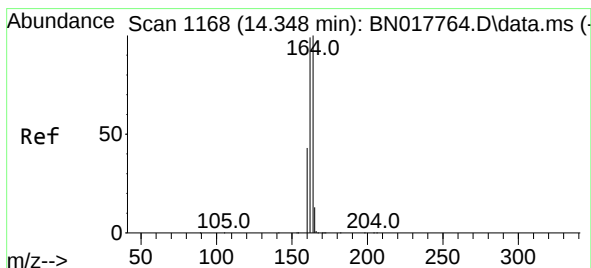
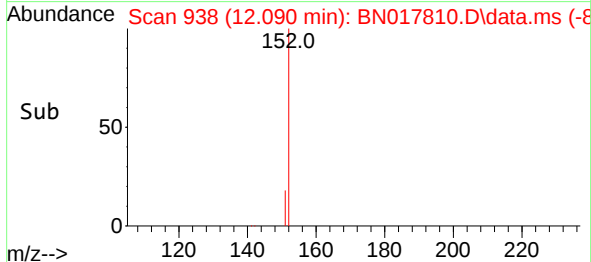
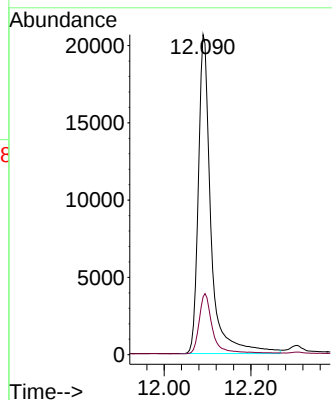
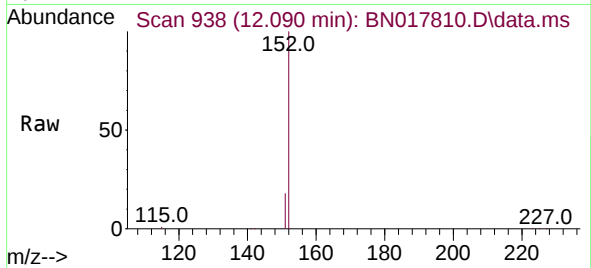




#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

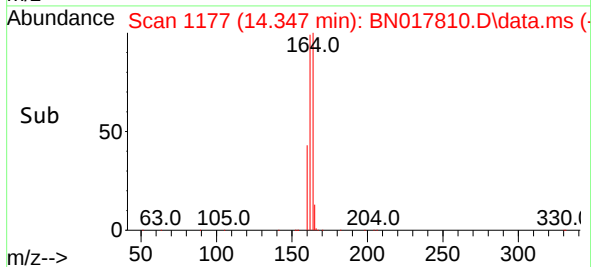
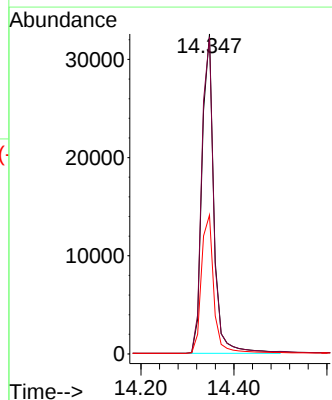
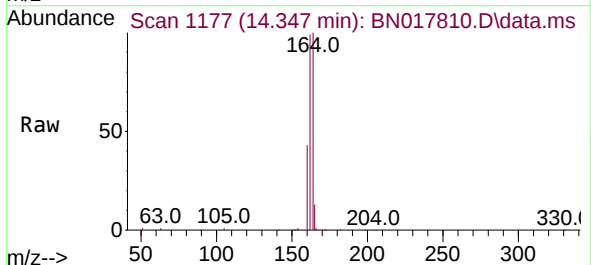
Instrument :
BNA_N
ClientSampleId :
RE131D3-20211130

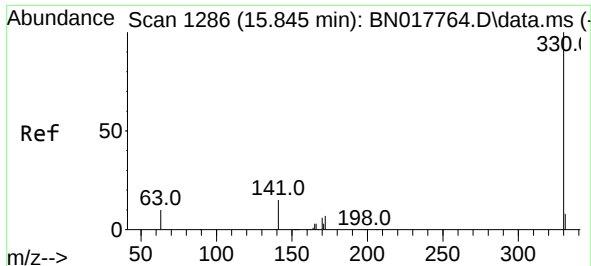
Tgt Ion:152 Resp: 41752
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

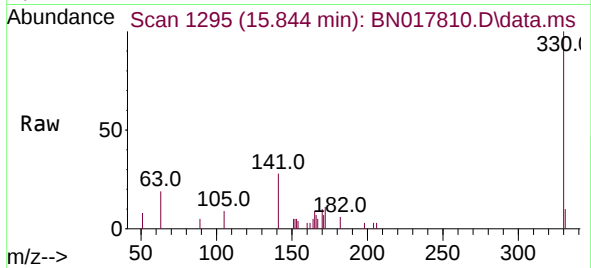
Tgt Ion:164 Resp: 57894
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 43.4 34.6 52.0



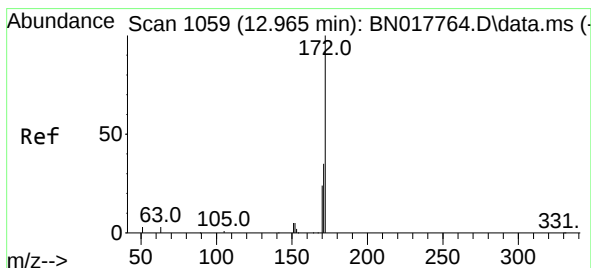
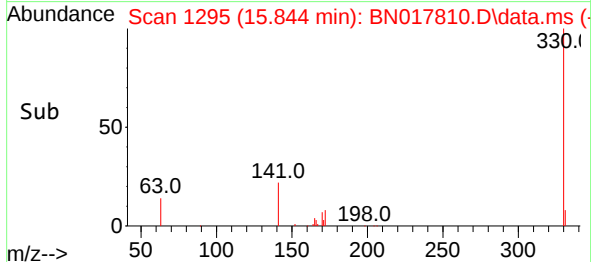
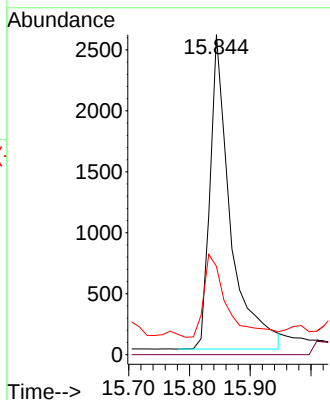


#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 15.844 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
RE131D3-20211130

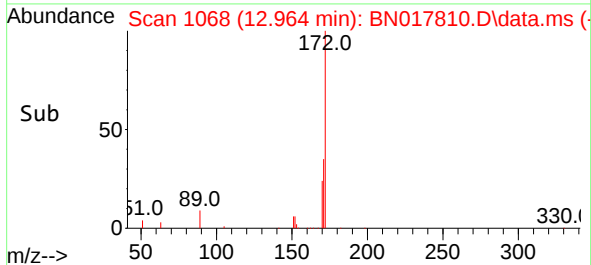
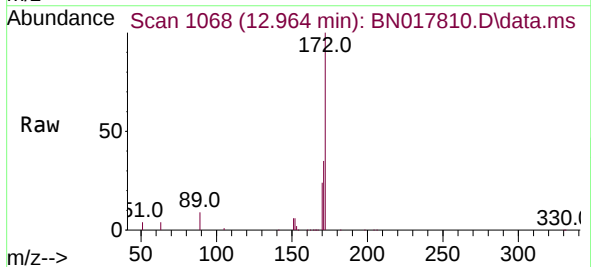
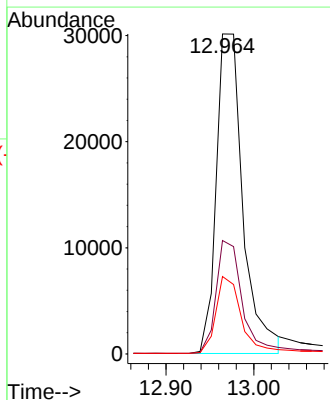


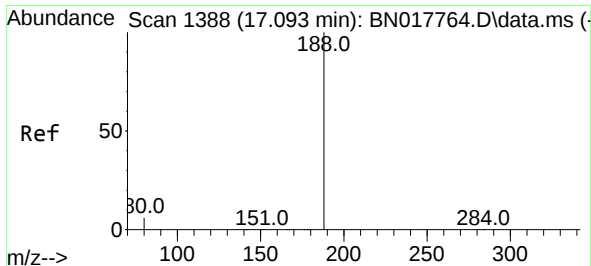
Tgt Ion:330 Resp: 6018
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 21.5 32.3



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

Tgt Ion:172 Resp: 63663
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.2 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN017810.D

Acq: 08 Dec 2021 21:25

Instrument :

BNA_N

ClientSampleId :

RE131D3-20211130

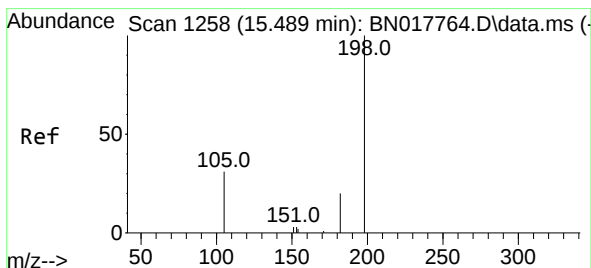
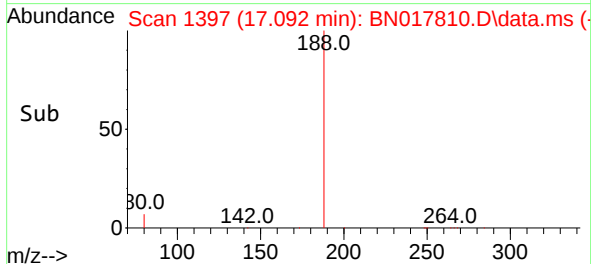
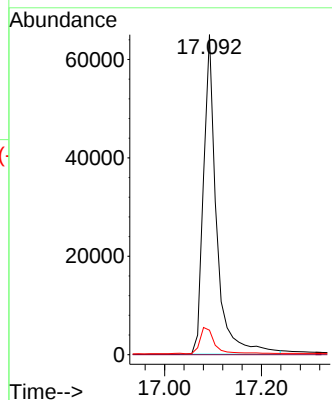
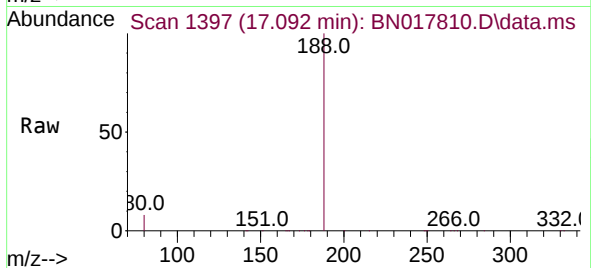
Tgt Ion:188 Resp: 121943

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 5.1 7.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.086 ng

RT: 15.489 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BN017810.D

Acq: 08 Dec 2021 21:25

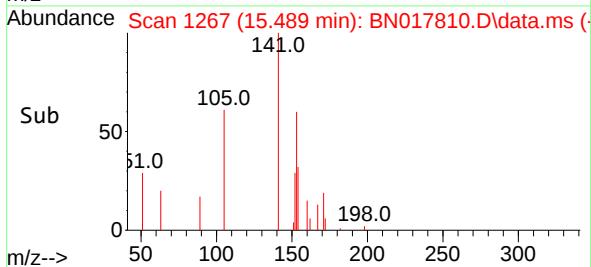
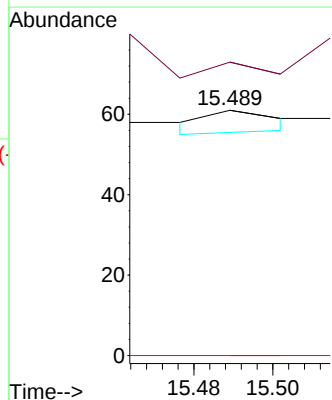
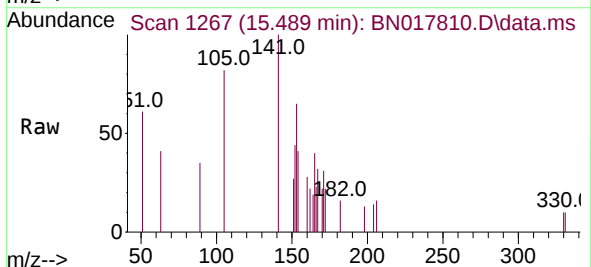
Tgt Ion:198 Resp: 7

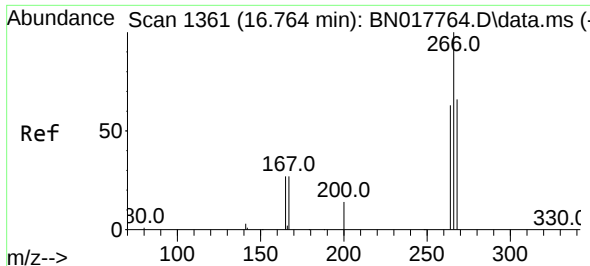
Ion Ratio Lower Upper

198 100

182 119.7 44.2 66.2#

77 0.0 0.0 0.0

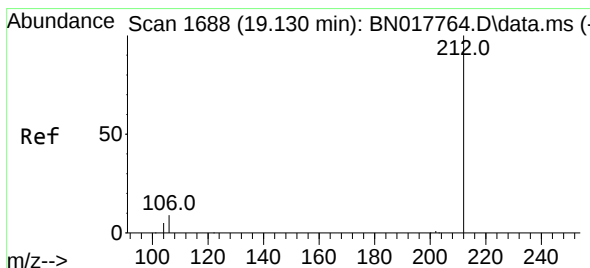
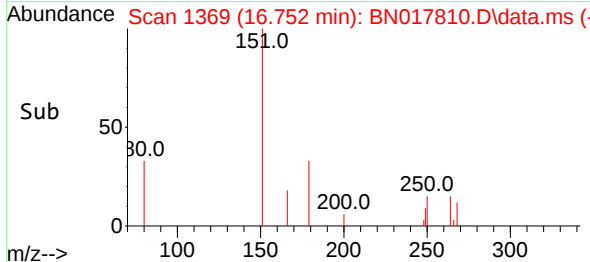
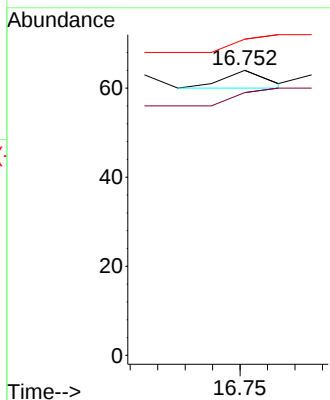
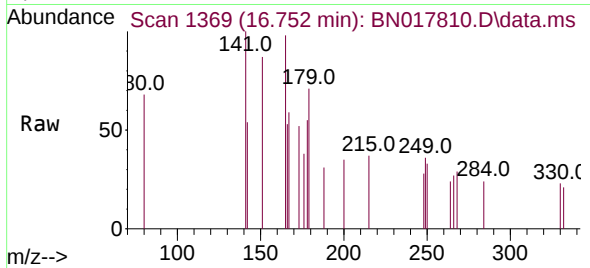




#24
 Pentachlorophenol
 Concen: 0.280 ng
 RT: 16.752 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN017810.D
 Acq: 08 Dec 2021 21:25

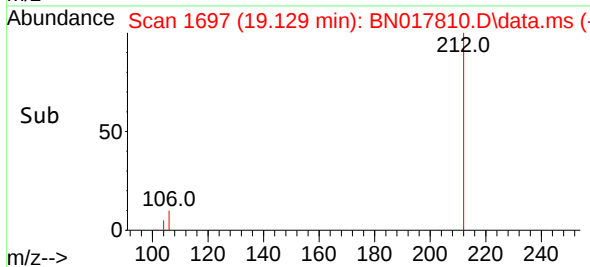
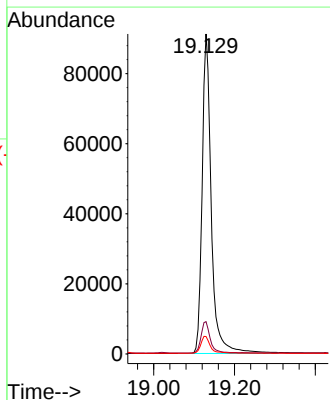
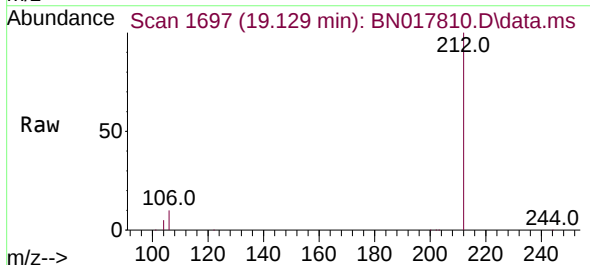
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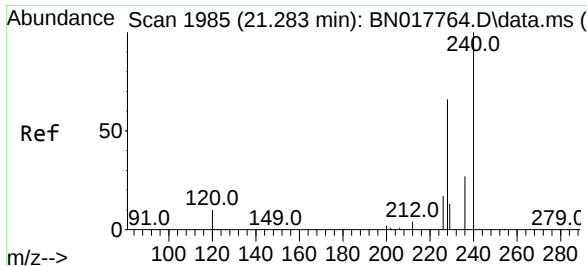
Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 675.0 50.8 76.2#
 268 0.0 51.8 77.6#



#27
 Fluoranthene-d10
 Concen: 0.354 ng
 RT: 19.129 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: BN017810.D
 Acq: 08 Dec 2021 21:25

Tgt Ion:212 Resp: 144343
 Ion Ratio Lower Upper
 212 100
 106 9.9 8.2 12.2
 104 5.5 4.6 6.8

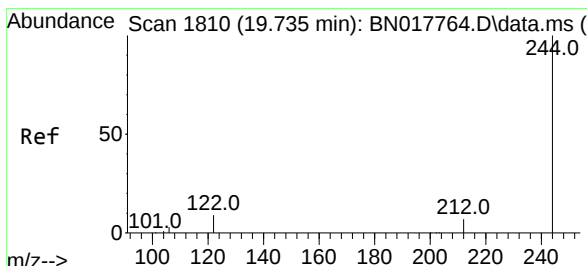
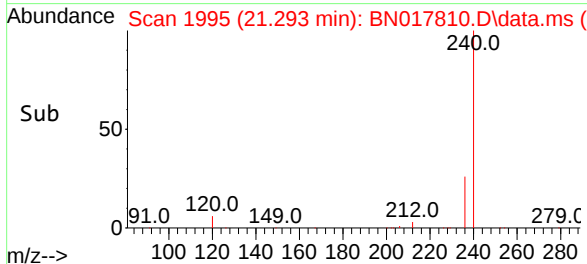
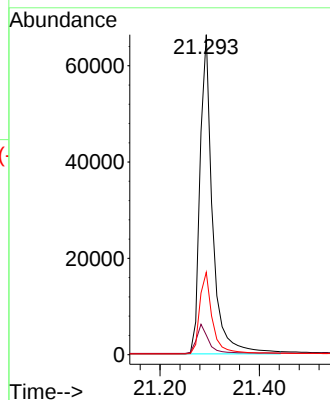
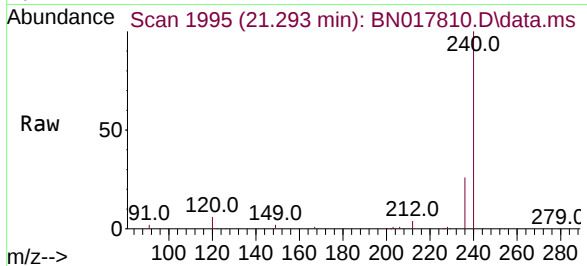




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

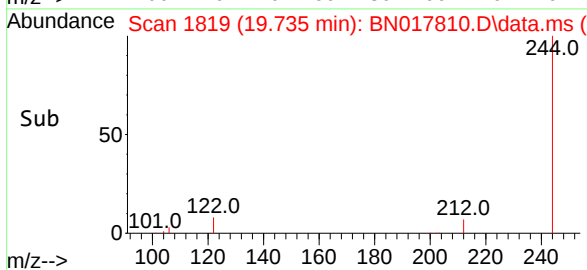
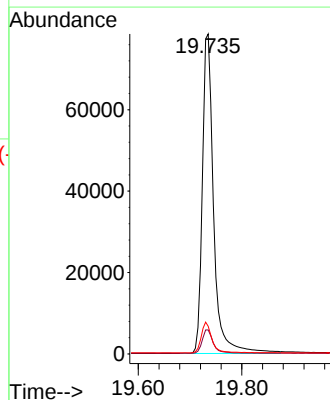
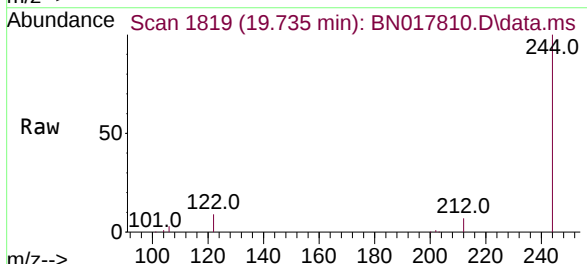
Instrument :
BNA_N
ClientSampleId :
RE131D3-20211130

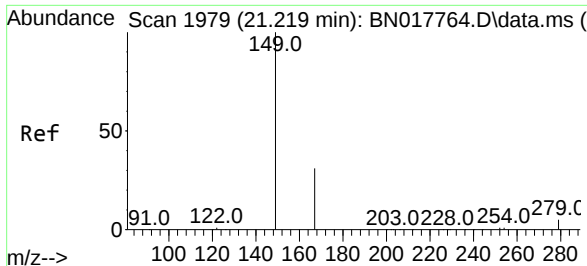
Tgt Ion:240 Resp: 116003
Ion Ratio Lower Upper
240 100
120 6.1 7.9 11.9#
236 25.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.480 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

Tgt Ion:244 Resp: 119603
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 8.6 7.1 10.7

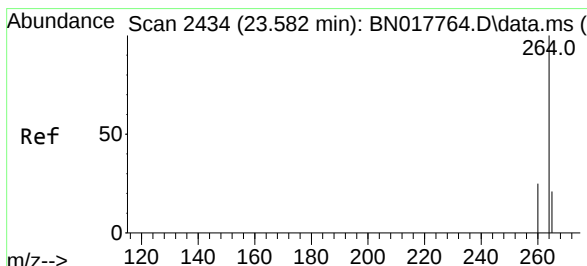
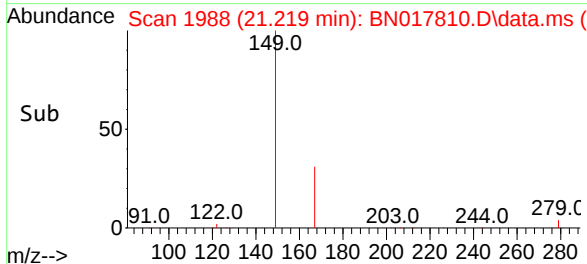
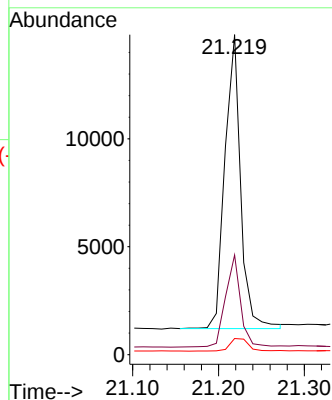
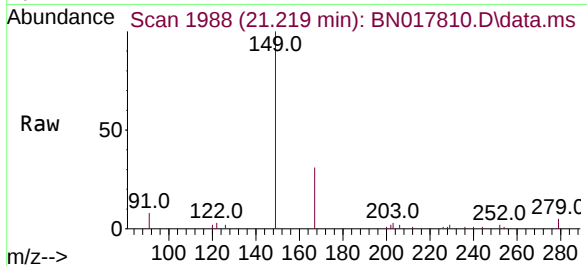




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
RE131D3-20211130

Tgt Ion:149 Resp: 17340
Ion Ratio Lower Upper
149 100
167 29.9 23.5 35.3
279 5.3 3.8 5.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.007 min
Lab File: BN017810.D
Acq: 08 Dec 2021 21:25

Tgt Ion:264 Resp: 91068
Ion Ratio Lower Upper
264 100
260 25.1 20.0 30.0
265 24.8 20.5 30.7

