

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017886.D
 Acq On : 11 Dec 2021 00:53
 Operator : CG/JU
 Sample : M4922-09DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20211130DL

Quant Time: Dec 11 05:45:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

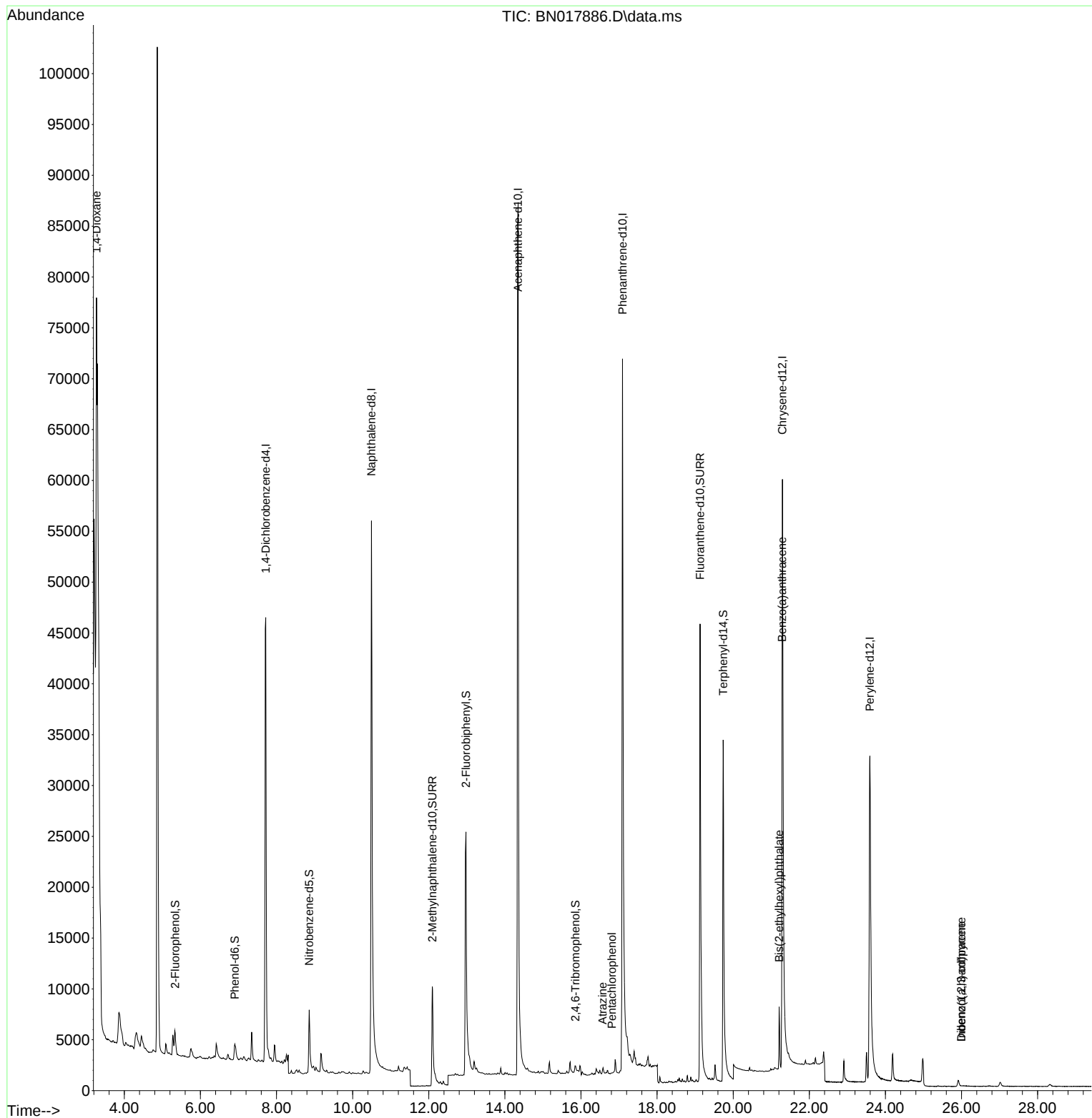
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	28068	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	105058	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	72379	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	152347	0.400	ng	0.00
29) Chrysene-d12	21.293	240	102266	0.400	ng	0.00
35) Perylene-d12	23.592	264	70617	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	2950	0.051	ng	0.00
5) Phenol-d6	6.903	99	1653	0.029	ng	0.00
8) Nitrobenzene-d5	8.859	82	7809	0.114	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	22603	0.122	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	1191	0.363	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	34046	0.134	ng	0.01
27) Fluoranthene-d10	19.129	212	82407	0.167	ng	0.00
31) Terphenyl-d14	19.735	244	61278	0.243	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	49098	5.764	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	15.553	198	8	Below Cal	#	62
23) Atrazine	16.569	200	100	0.093	ng	# 1
24) Pentachlorophenol	16.813	266	13	0.087	ng	90
32) Benzo(a)anthracene	21.282	228	619	0.052	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.208	149	6163	0.056	ng	100
36) Indeno(1,2,3-cd)pyrene	25.995	276	28	0.089	ng	# 74
40) Dibenzo(a,h)anthracene	25.995	278	4	0.101	ng	# 1

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

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Operator : CG/JU
Sample : M4922-09DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D2-20211130DL

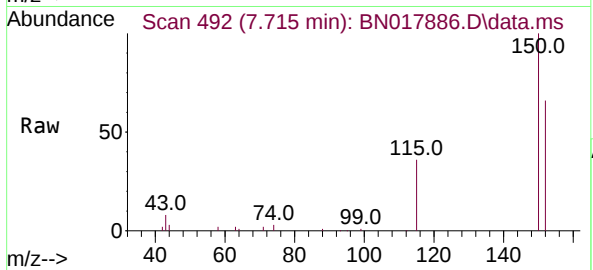
Quant Time: Dec 11 05:45:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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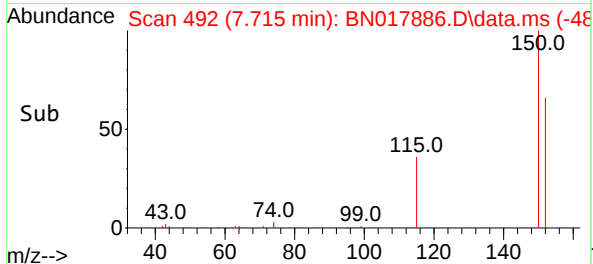
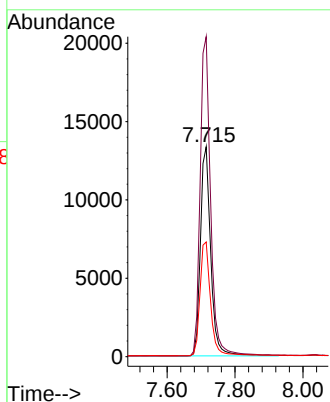


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

Instrument :
BNA_N
ClientSampleId :
RE131D2-20211130DL

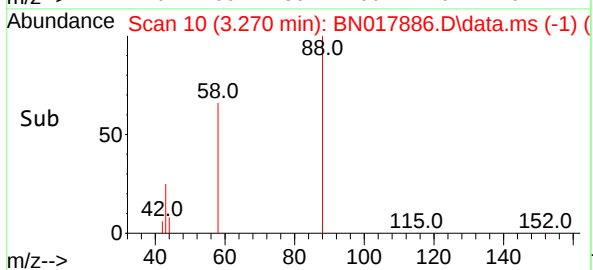
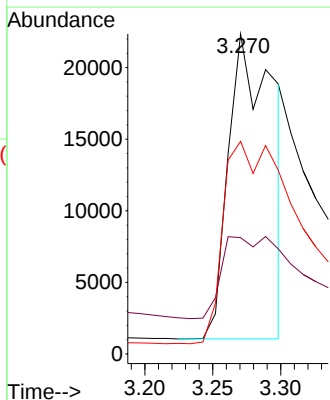
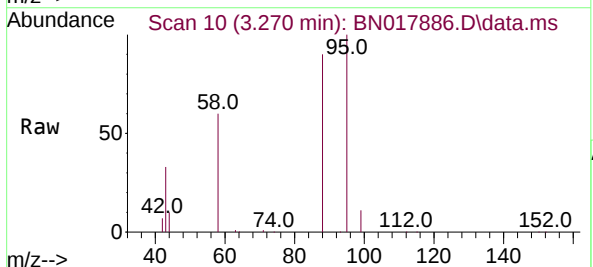


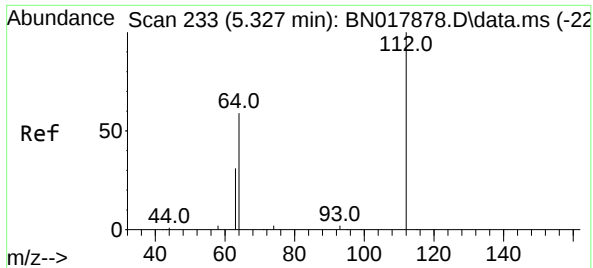
Tgt Ion:152 Resp: 28068
Ion Ratio Lower Upper
152 100
150 152.4 121.9 182.9
115 54.7 44.1 66.1



#2
1,4-Dioxane
Concen: 5.764 ng
RT: 3.270 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

Tgt Ion: 88 Resp: 49098
Ion Ratio Lower Upper
88 100
43 32.1 28.0 42.0
58 76.3 65.4 98.0

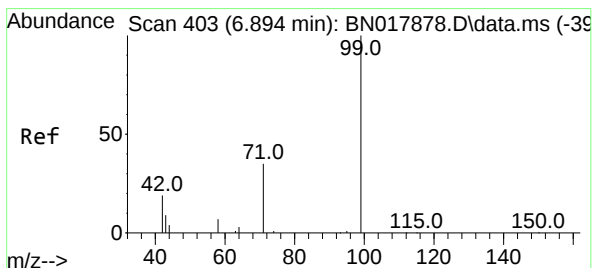
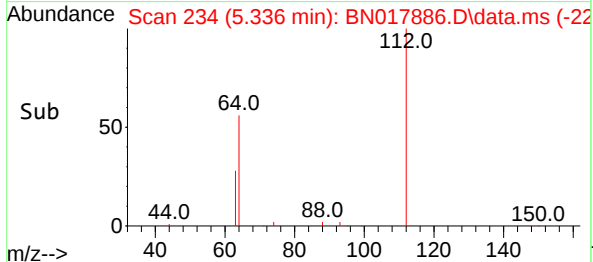
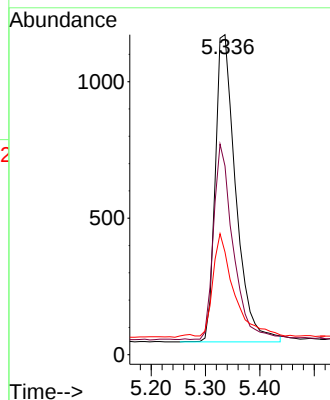
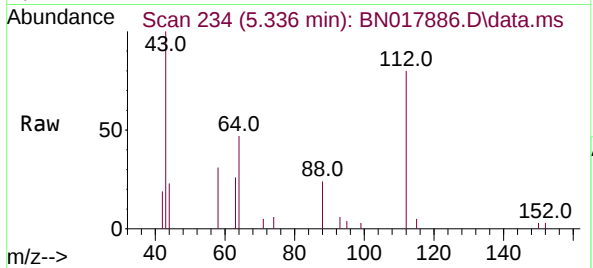




#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

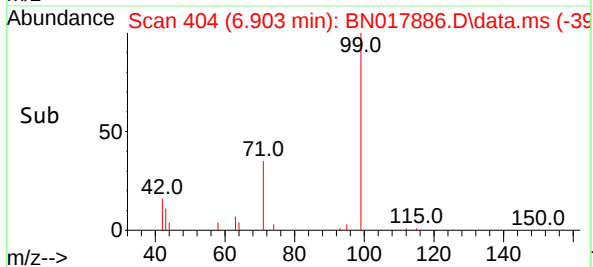
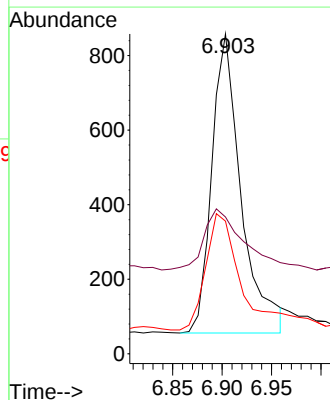
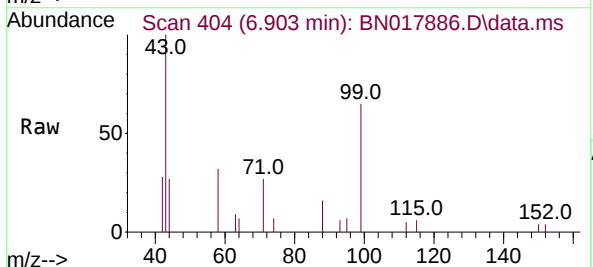
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BNA_N
ClientSampleId :
RE131D2-20211130DL

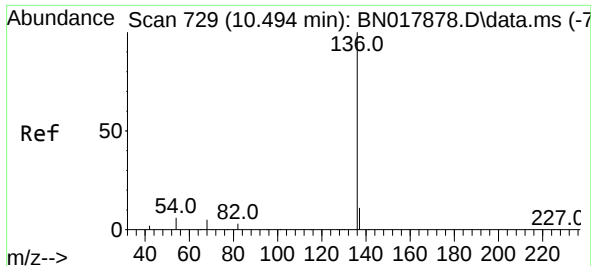
Tgt Ion:112 Resp: 2950
Ion Ratio Lower Upper
112 100
64 60.6 49.0 73.4
63 35.3 26.2 39.2



#5
Phenol-d6
Concen: 0.029 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

Tgt Ion: 99 Resp: 1653
Ion Ratio Lower Upper
99 100
42 27.1 17.0 25.4#
71 45.4 28.0 42.0#

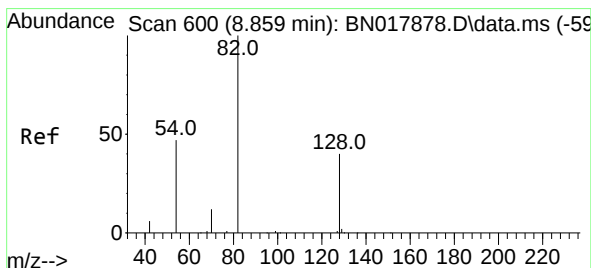
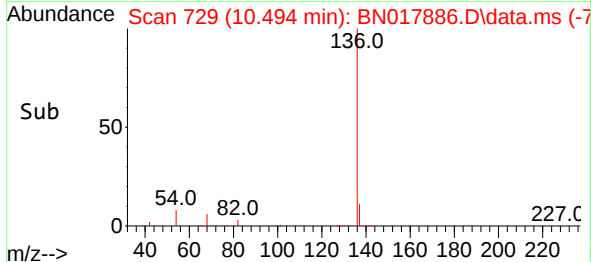
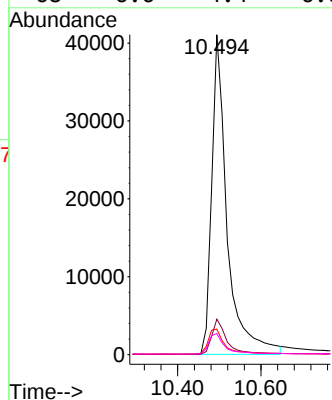
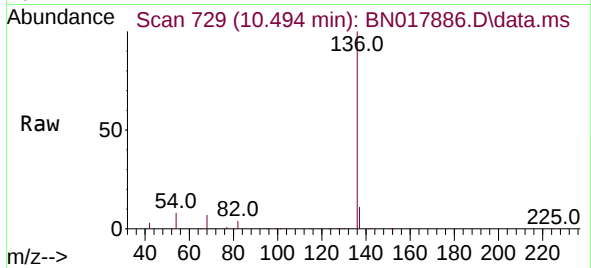




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

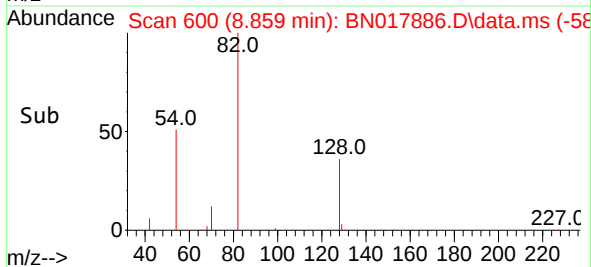
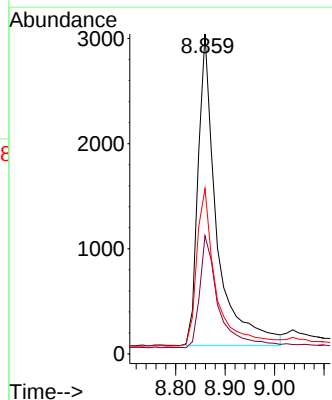
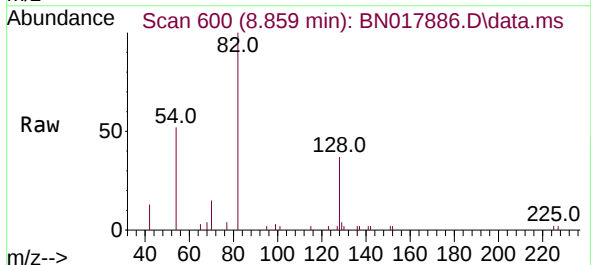
Instrument :
BNA_N
ClientSampleId :
RE131D2-20211130DL

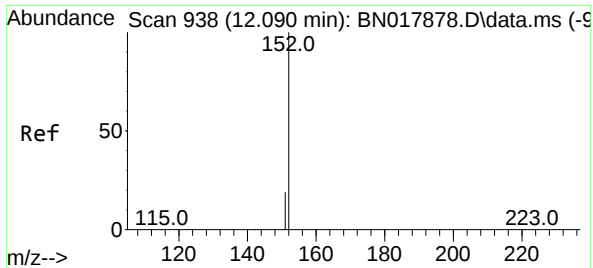
Tgt Ion:136 Resp: 105058
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 5.1 7.7#
68 6.6 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.114 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

Tgt Ion: 82 Resp: 7809
Ion Ratio Lower Upper
82 100
128 37.0 32.2 48.4
54 51.7 37.6 56.4





#11

2-Methylnaphthalene-d10

Concen: 0.122 ng

RT: 12.094 min Scan# 91

Delta R.T. 0.005 min

Lab File: BN017886.D

Acq: 11 Dec 2021 00:53

Instrument :

BNA_N

ClientSampleId :

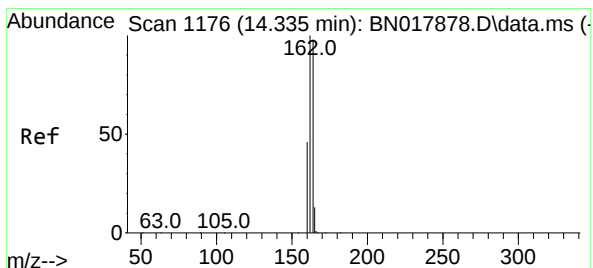
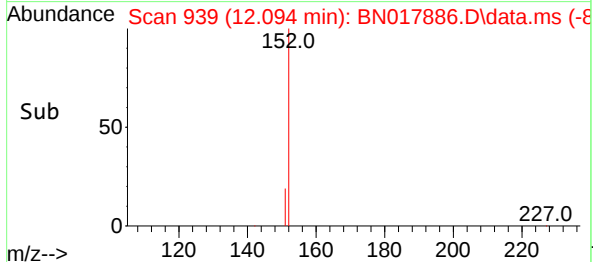
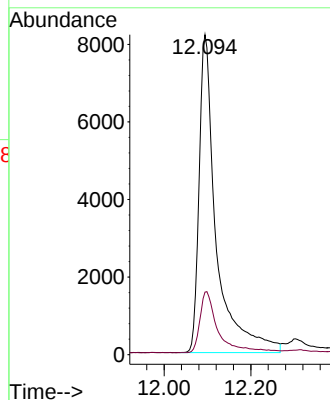
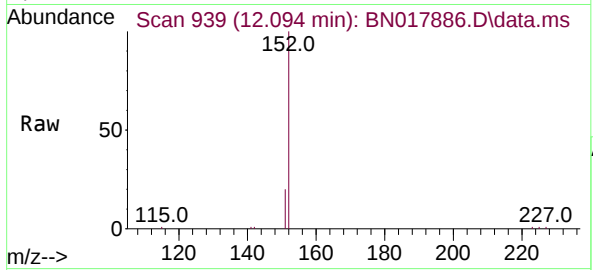
RE131D2-20211130DL

Tgt Ion:152 Resp: 22603

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1177

Delta R.T. 0.013 min

Lab File: BN017886.D

Acq: 11 Dec 2021 00:53

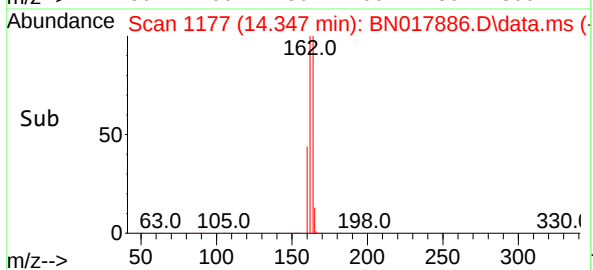
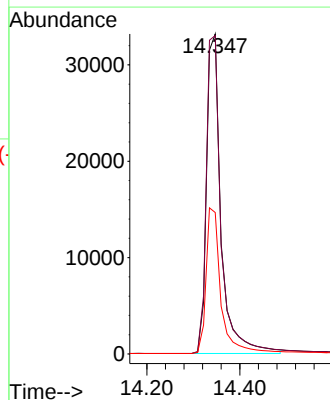
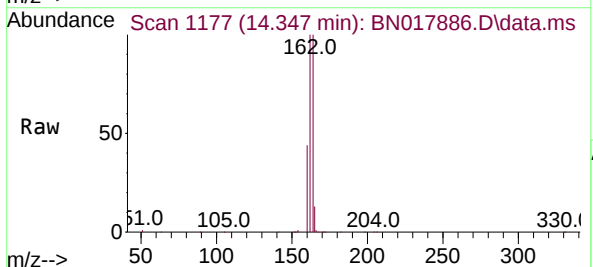
Tgt Ion:164 Resp: 72379

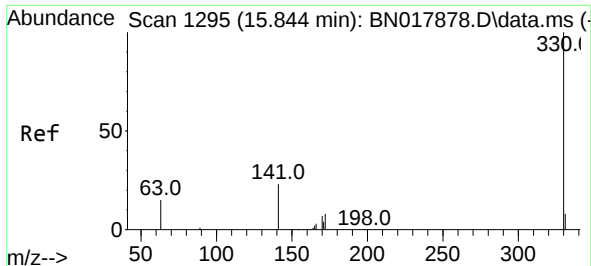
Ion Ratio Lower Upper

164 100

162 99.5 82.1 123.1

160 44.2 38.2 57.2

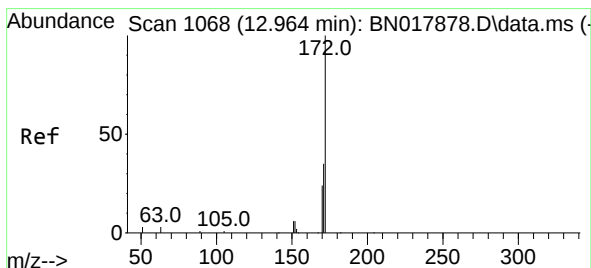
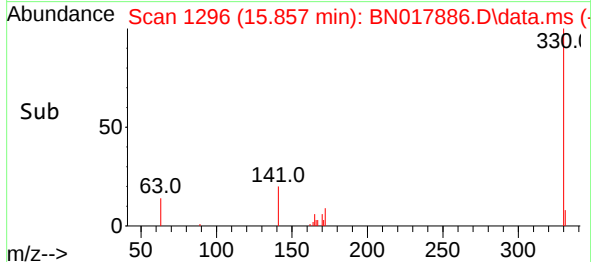
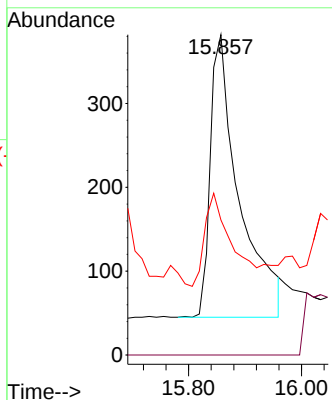
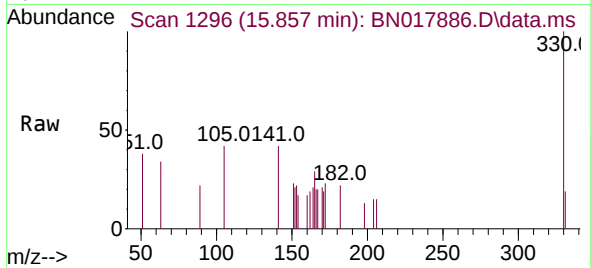




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.857 min Scan# 1191
Delta R.T. 0.013 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

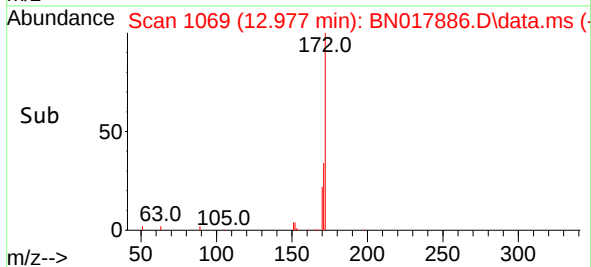
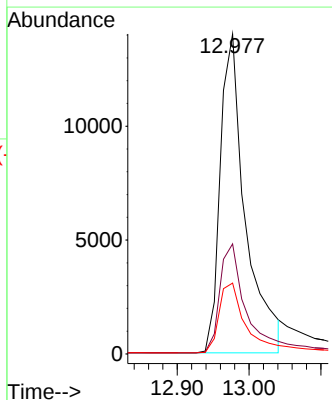
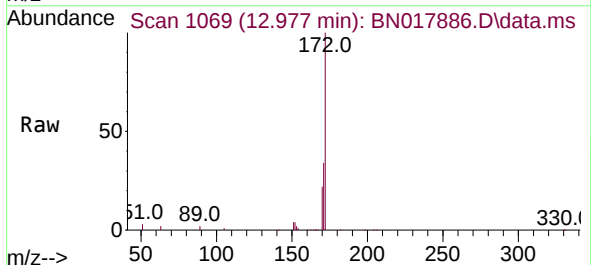
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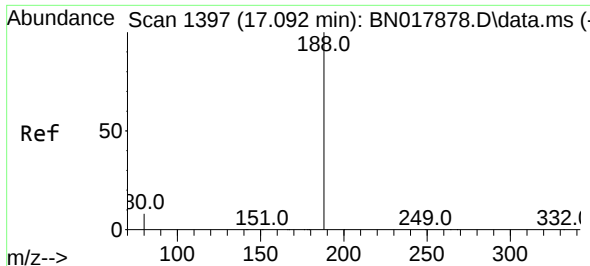
Tgt Ion:330 Resp: 1191
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.8 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

Tgt Ion:172 Resp: 34046
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.2 19.1 28.7

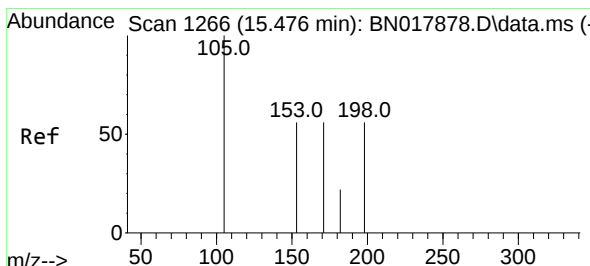
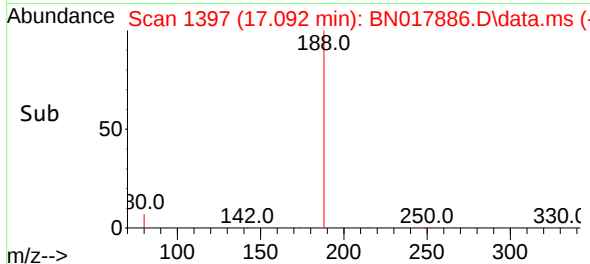
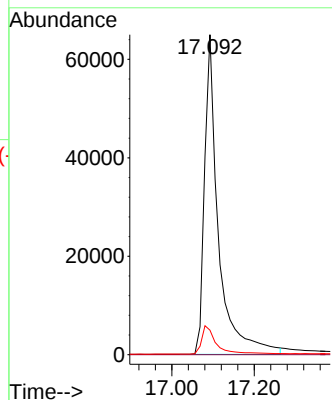
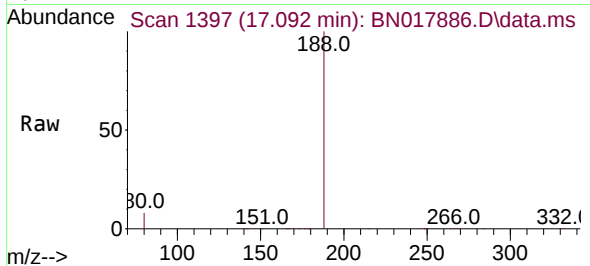




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

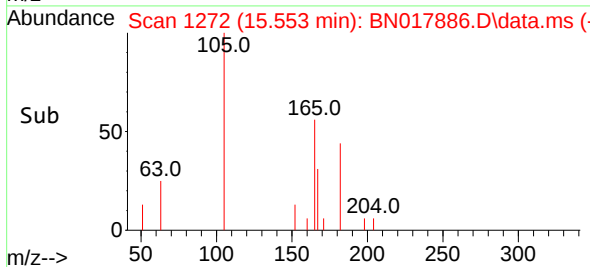
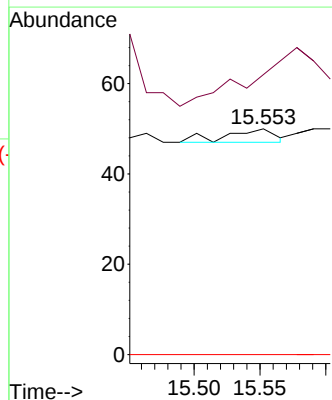
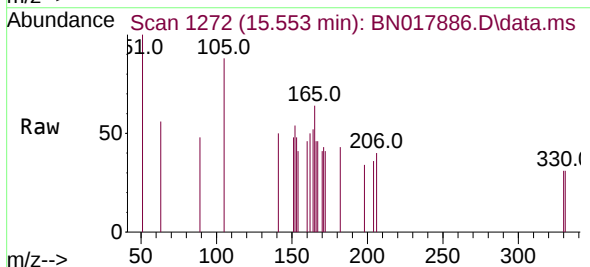
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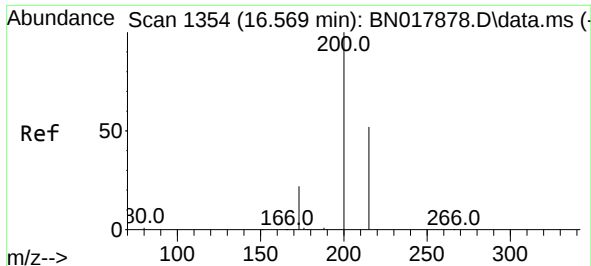
Tgt Ion:188 Resp: 152347
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.553 min Scan# 1272
Delta R.T. 0.077 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 124.0 70.8 106.2#
77 0.0 0.0 0.0

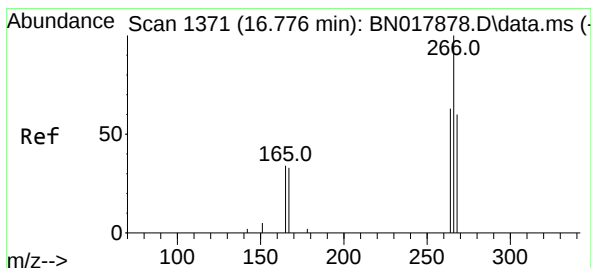
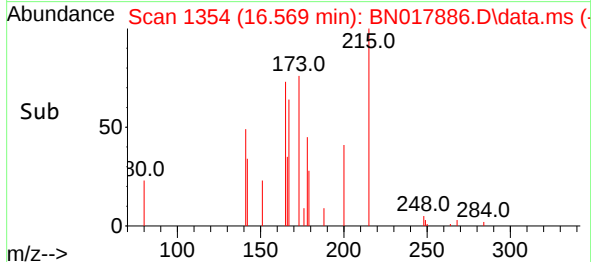
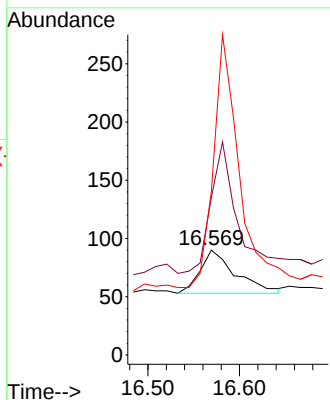
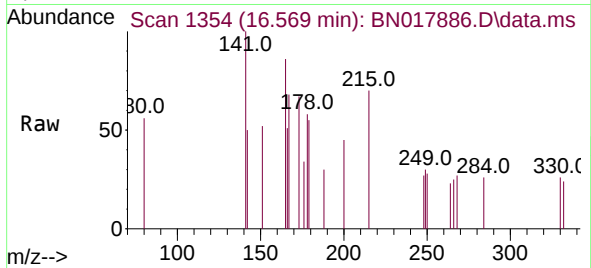




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.569 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017886.D
 Acq: 11 Dec 2021 00:53

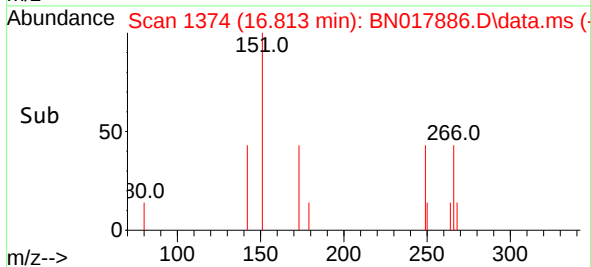
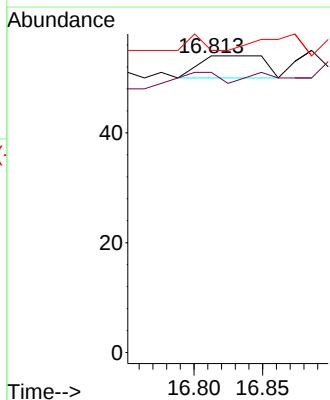
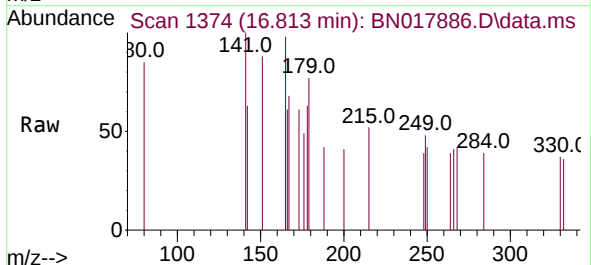
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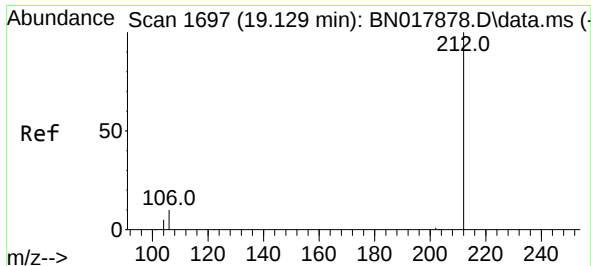
Tgt Ion:200 Resp: 100
 Ion Ratio Lower Upper
 200 100
 173 150.0 18.2 27.2#
 215 155.6 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.087 ng
 RT: 16.813 min Scan# 1374
 Delta R.T. 0.037 min
 Lab File: BN017886.D
 Acq: 11 Dec 2021 00:53

Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 61.5 50.6 76.0
 268 53.8 53.7 80.5

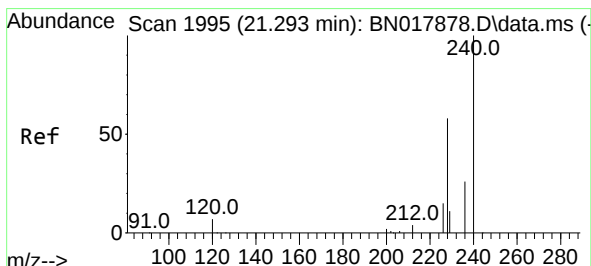
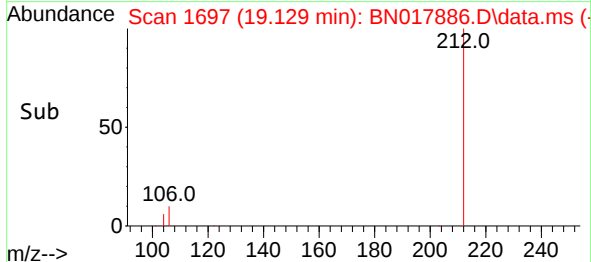
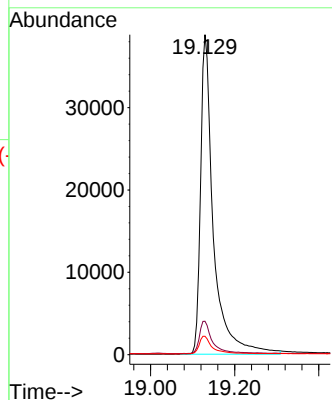
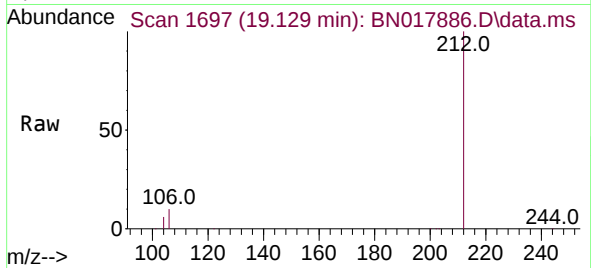




#27
Fluoranthene-d10
Concen: 0.167 ng
RT: 19.129 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

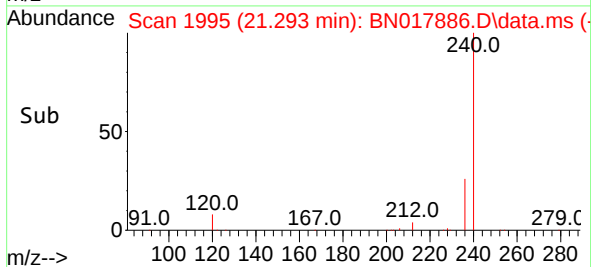
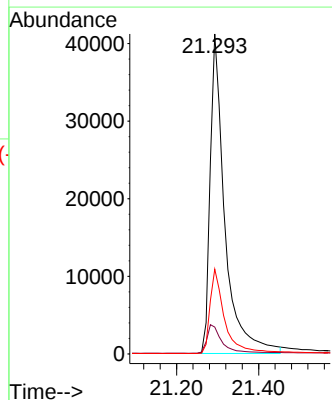
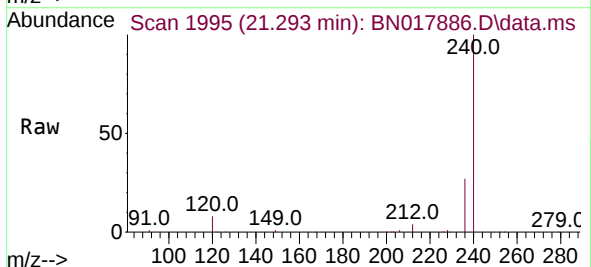
Instrument :
BNA_N
ClientSampleId :
RE131D2-20211130DL

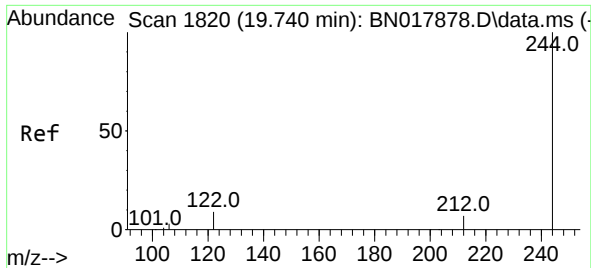
Tgt Ion:212 Resp: 82407
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.9 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

Tgt Ion:240 Resp: 102266
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.8
236 26.5 21.0 31.6

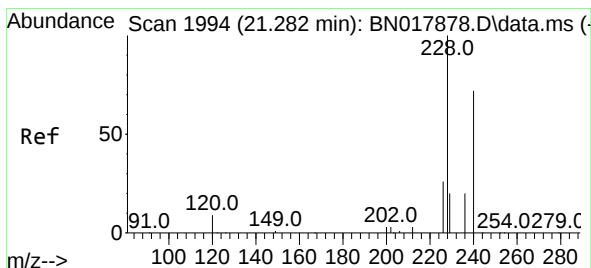
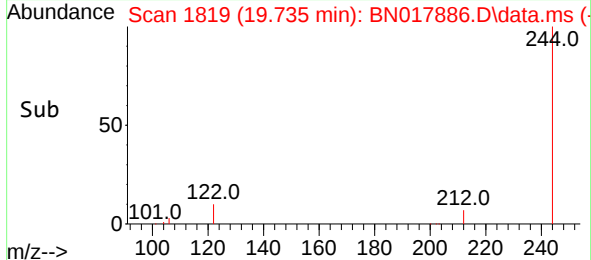
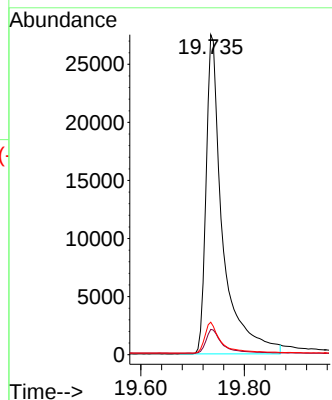
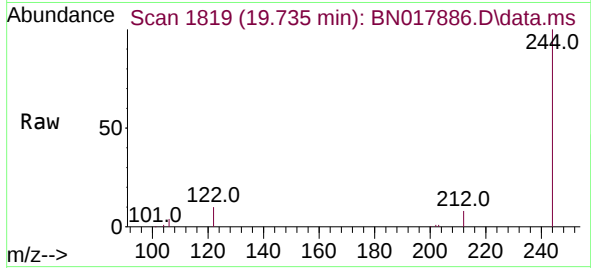




#31
 Terphenyl-d14
 Concen: 0.243 ng
 RT: 19.735 min Scan# 1819
 Delta R.T. -0.005 min
 Lab File: BN017886.D
 Acq: 11 Dec 2021 00:53

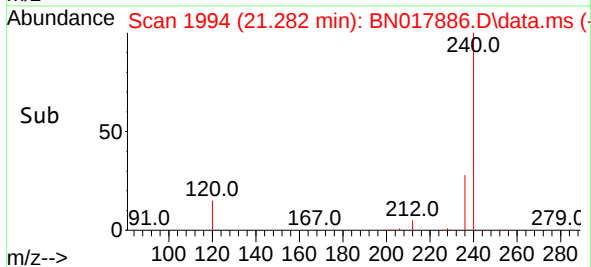
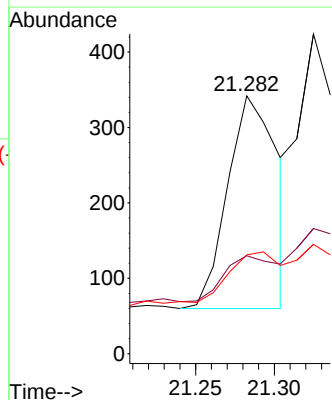
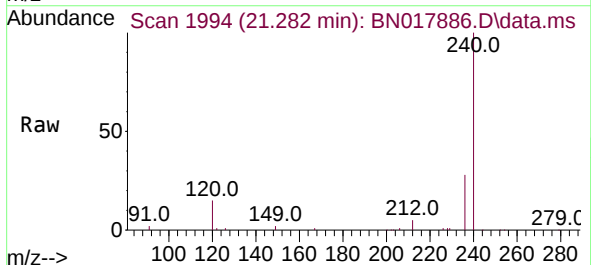
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20211130DL

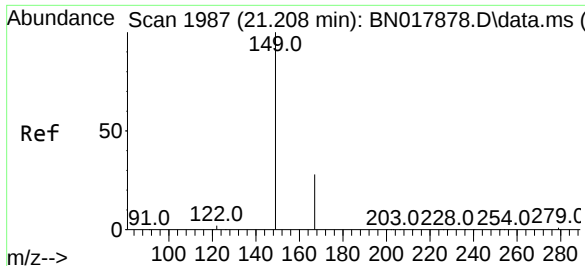
Tgt Ion:244 Resp: 61278
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.1 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017886.D
 Acq: 11 Dec 2021 00:53

Tgt Ion:228 Resp: 619
 Ion Ratio Lower Upper
 228 100
 226 38.0 21.0 31.4#
 229 38.3 15.8 23.8#

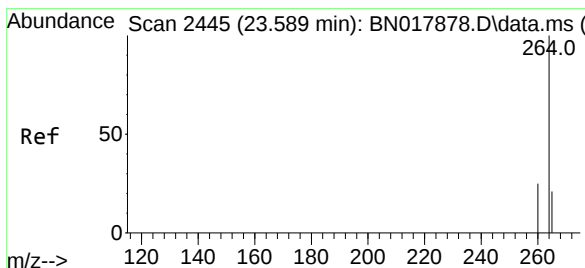
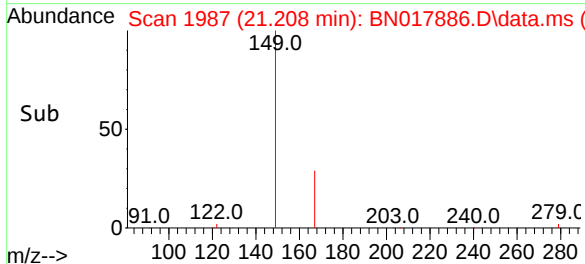
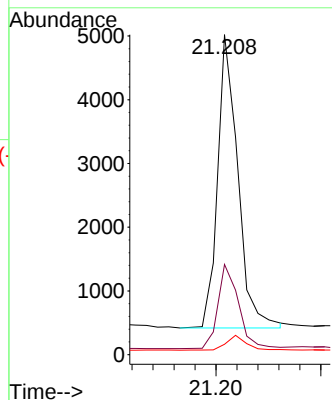
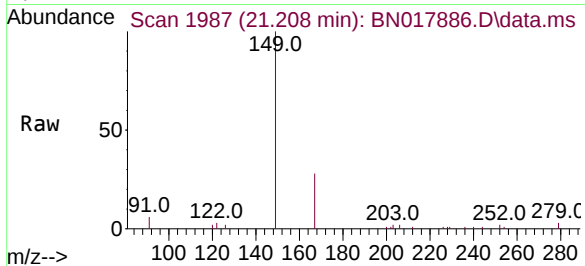




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

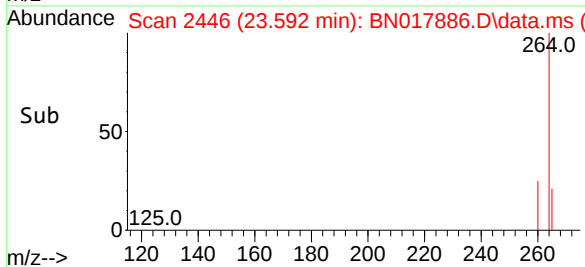
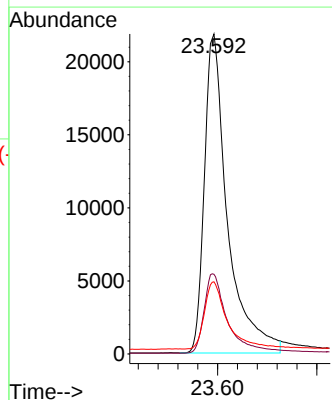
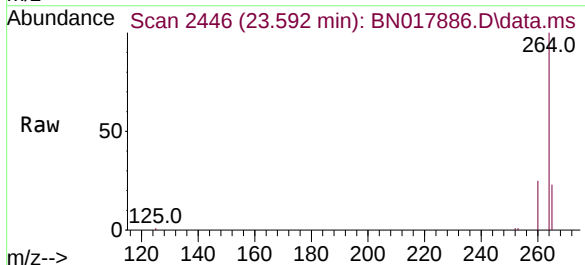
Instrument :
BNA_N
ClientSampleId :
RE131D2-20211130DL

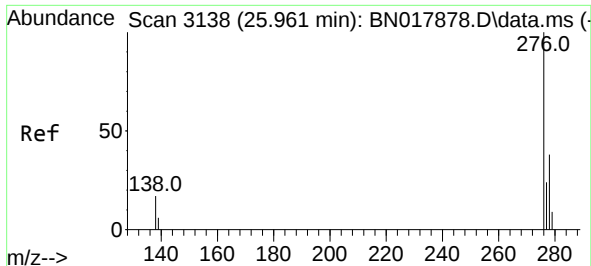
Tgt Ion:	149	Resp:	6163
Ion Ratio	Lower	Upper	
149	100		
167	29.2	23.4	35.0
279	5.0	3.6	5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BN017886.D
Acq: 11 Dec 2021 00:53

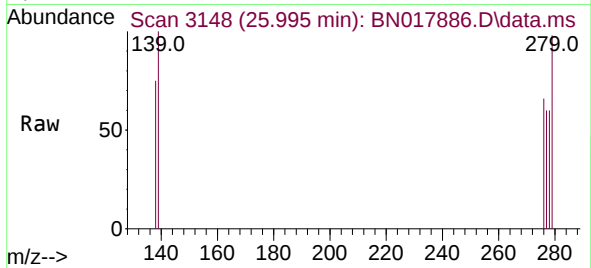
Tgt Ion:	264	Resp:	70617
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.2	30.4
265	22.5	18.2	27.4



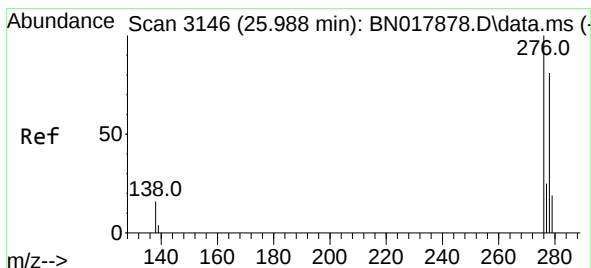
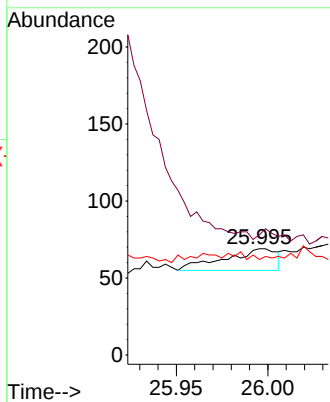
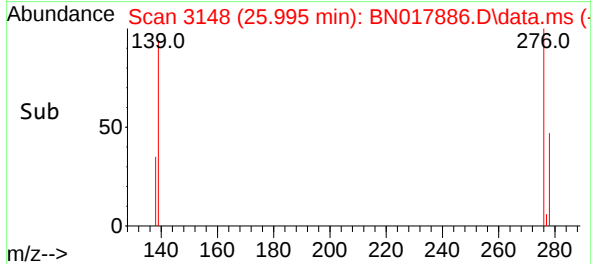


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.995 min Scan# 3138
 Delta R.T. 0.034 min
 Lab File: BN017886.D
 Acq: 11 Dec 2021 00:53

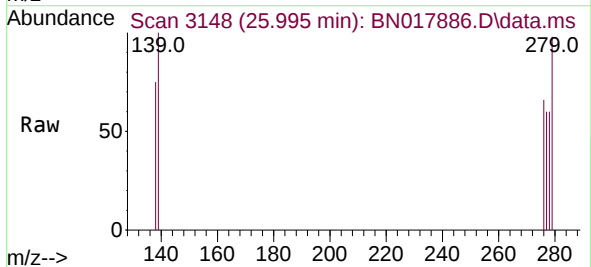
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20211130DL



Tgt Ion:276 Resp: 28
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 17.9 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.995 min Scan# 3148
 Delta R.T. 0.007 min
 Lab File: BN017886.D
 Acq: 11 Dec 2021 00:53



Tgt Ion:278 Resp: 4
 Ion Ratio Lower Upper
 278 100
 139 167.7 12.0 18.0#
 279 164.5 20.8 31.2#

