

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017889.D
 Acq On : 11 Dec 2021 02:42
 Operator : CG/JU
 Sample : M4922-05DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20211129DL

Quant Time: Dec 11 05:46:20 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)

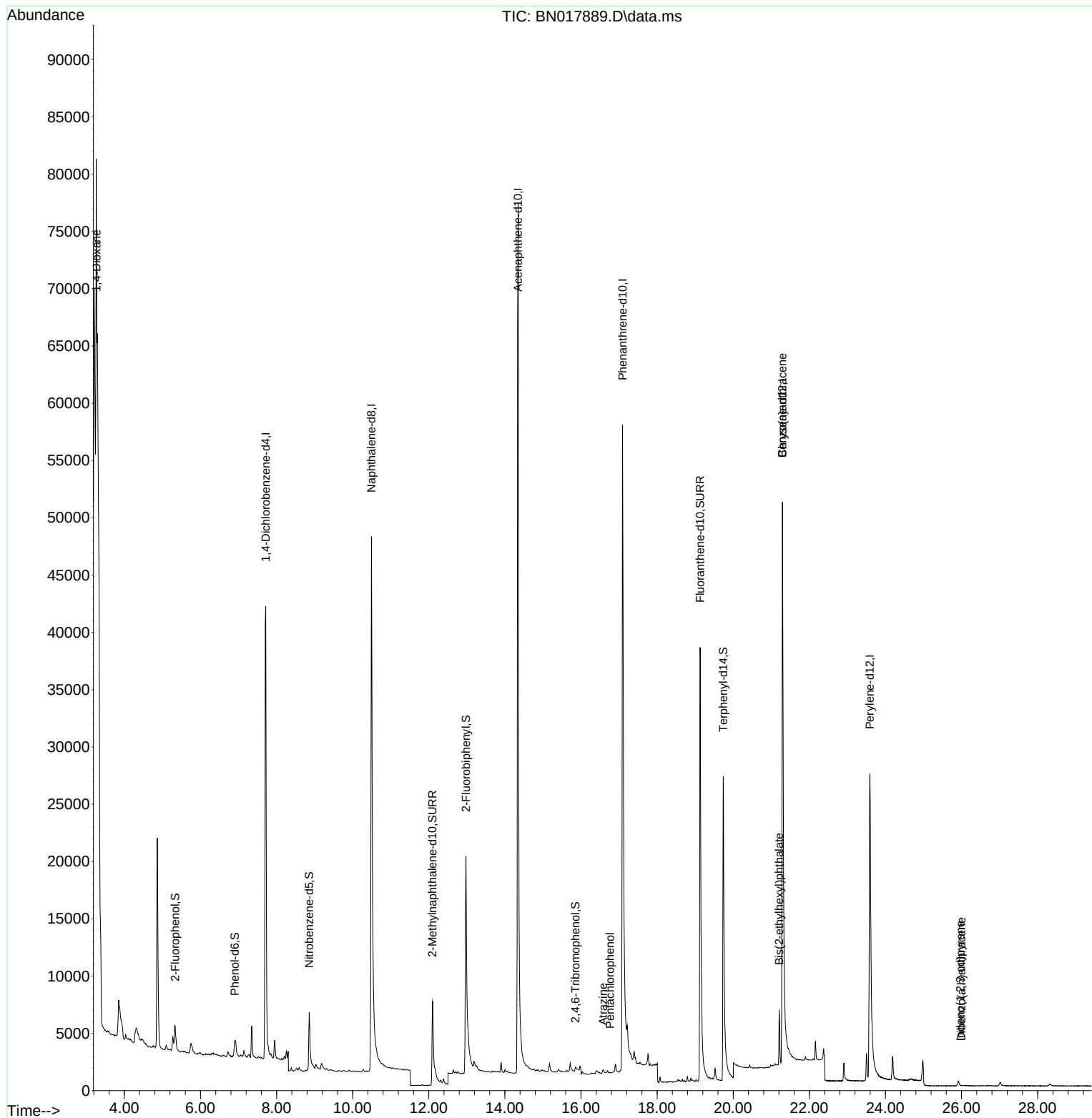
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	26279	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	96306	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	65448	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	135976	0.400	ng	0.00
29) Chrysene-d12	21.293	240	89846	0.400	ng	0.00
35) Perylene-d12	23.592	264	59552	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	3061	0.057	ng	0.00
5) Phenol-d6	6.903	99	1564	0.029	ng	0.00
8) Nitrobenzene-d5	8.859	82	6755	0.107	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	19796	0.117	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	655	0.351	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	27888	0.121	ng	0.01
27) Fluoranthene-d10	19.129	212	73595	0.167	ng	0.00
31) Terphenyl-d14	19.740	244	53607	0.242	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	34835	4.368	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	15.451	198	8	Below Cal	#	47
23) Atrazine	16.581	200	48	0.092	ng	# 1
24) Pentachlorophenol	16.764	266	1	0.081	ng	# 1
32) Benzo(a)anthracene	21.293	228	482	0.052	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.208	149	5212	0.054	ng	98
36) Indeno(1,2,3-cd)pyrene	25.971	276	2	0.089	ng	# 54
40) Dibenzo(a,h)anthracene	25.998	278	4	0.101	ng	# 1

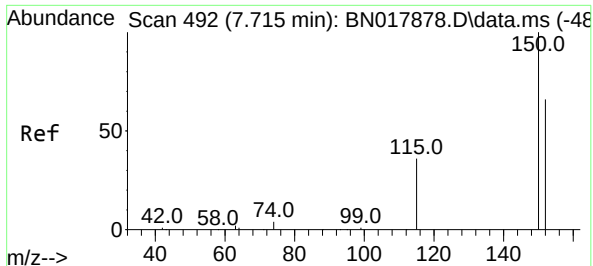
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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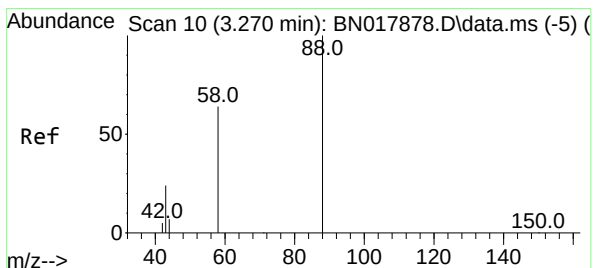
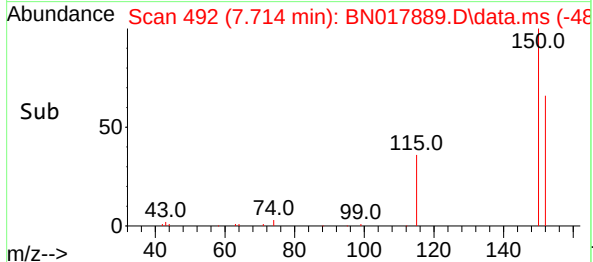
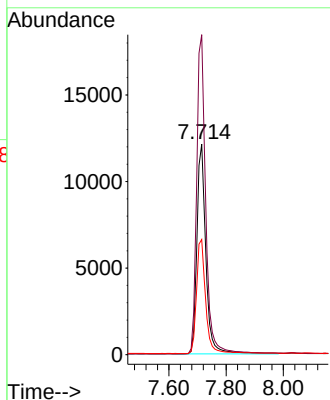
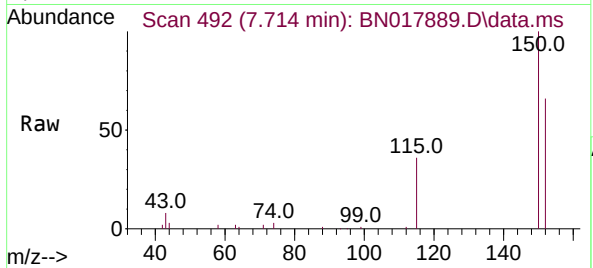




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

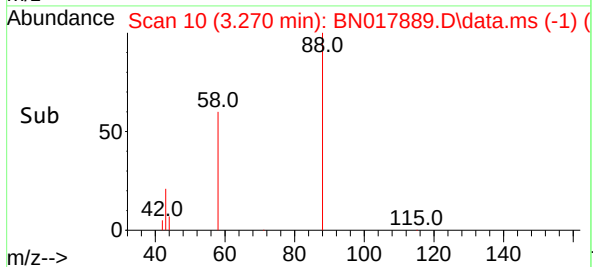
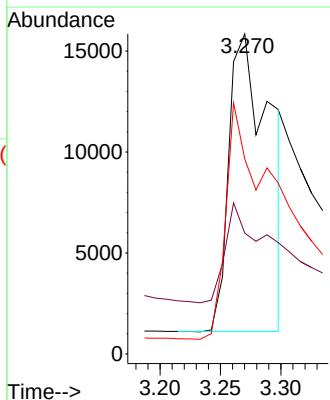
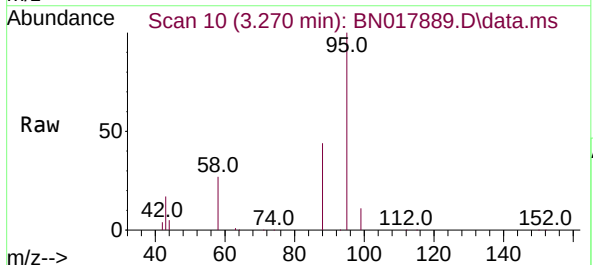
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20211129DL

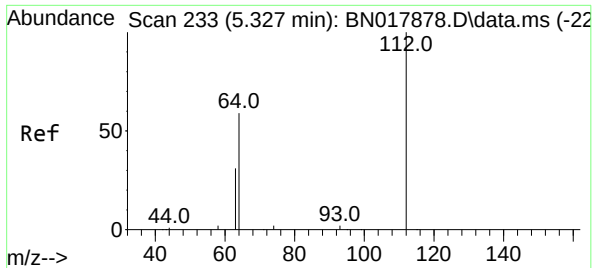
Tgt Ion: 152 Resp: 26279
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.9 182.9
 115 54.7 44.1 66.1



#2
 1,4-Dioxane
 Concen: 4.368 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

Tgt Ion: 88 Resp: 34835
 Ion Ratio Lower Upper
 88 100
 43 31.5 28.0 42.0
 58 76.7 65.4 98.0

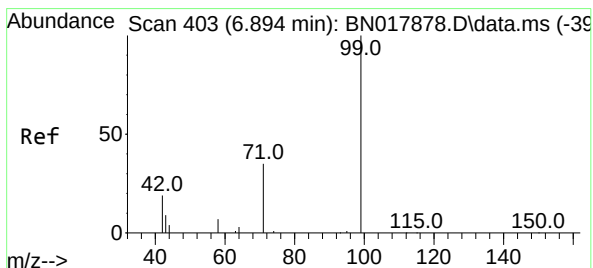
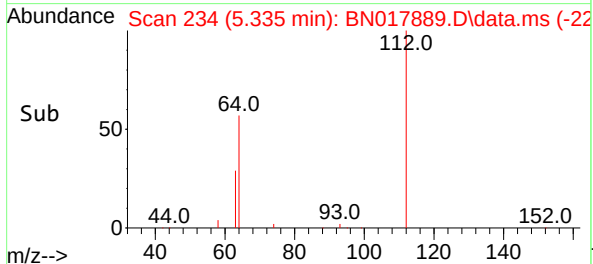
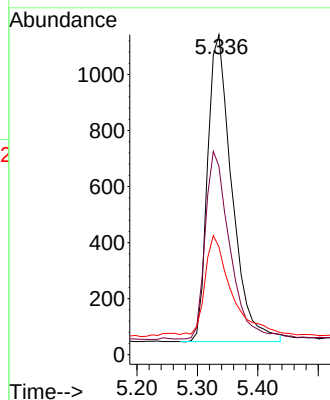
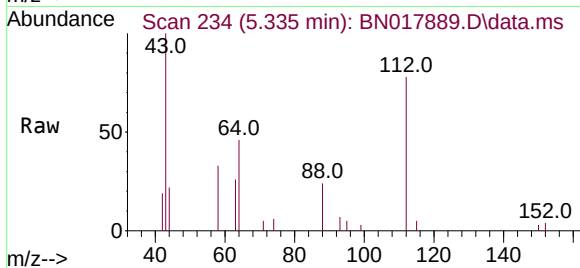




#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

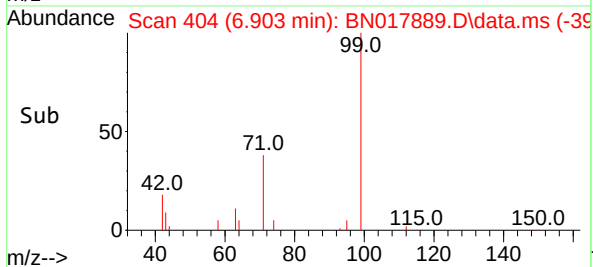
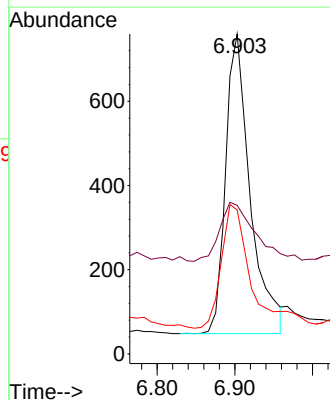
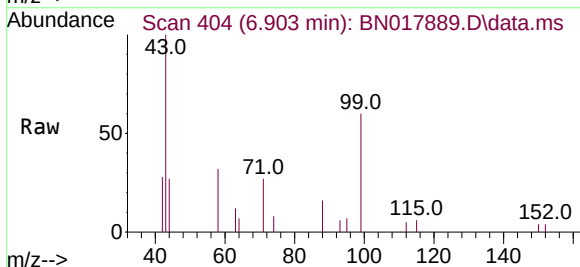
Instrument :
BNA_N
ClientSampleId :
RE132D4-20211129DL

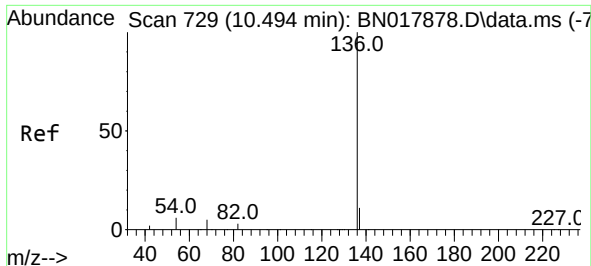
Tgt Ion:	112	Resp:	3061
Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.0	73.4
63	34.1	26.2	39.2



#5
Phenol-d6
Concen: 0.029 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

Tgt Ion:	99	Resp:	1564
Ion	Ratio	Lower	Upper
99	100		
42	27.2	17.0	25.4#
71	45.1	28.0	42.0#

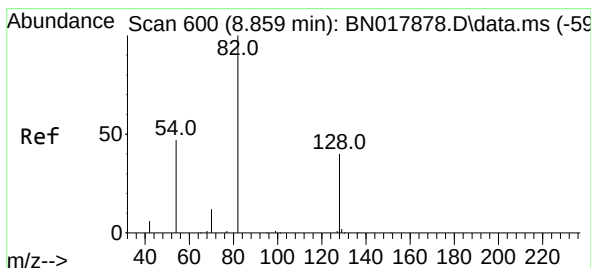
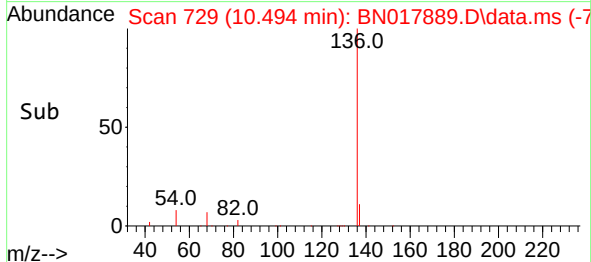
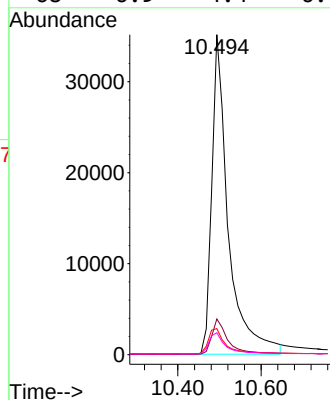
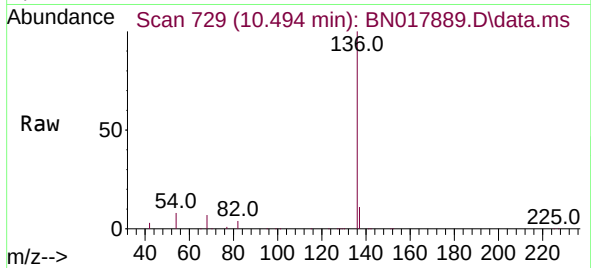




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

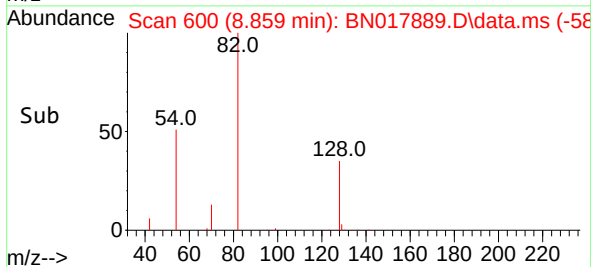
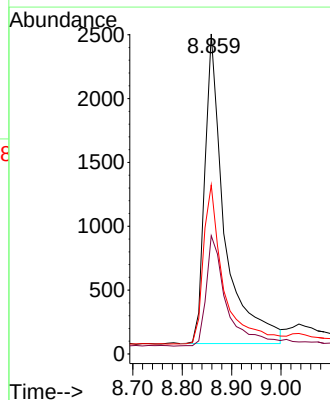
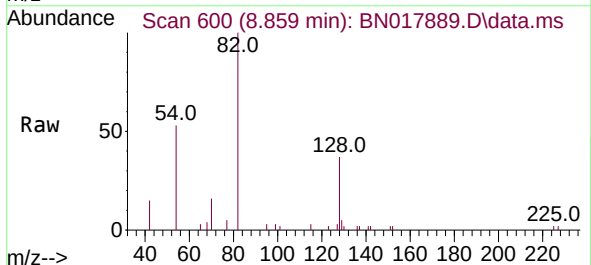
Instrument :
BNA_N
ClientSampleId :
RE132D4-20211129DL

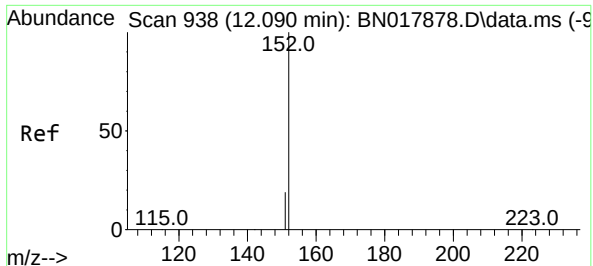
Tgt Ion:	136	Resp:	96306
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	8.1	5.1	7.7#
68	6.9	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.107 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

Tgt Ion:	82	Resp:	6755
Ion Ratio	Lower	Upper	
82	100		
128	37.0	32.2	48.4
54	52.8	37.6	56.4





#11

2-Methylnaphthalene-d10

Concen: 0.117 ng

RT: 12.098 min Scan# 94

Delta R.T. 0.009 min

Lab File: BN017889.D

Acq: 11 Dec 2021 02:42

Instrument :

BNA_N

ClientSampleId :

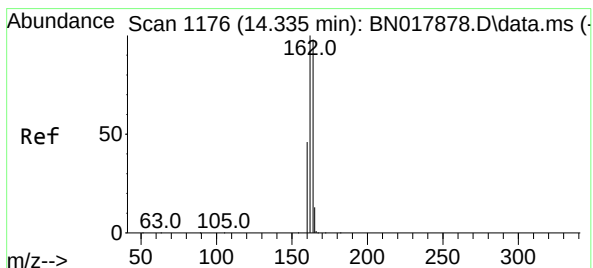
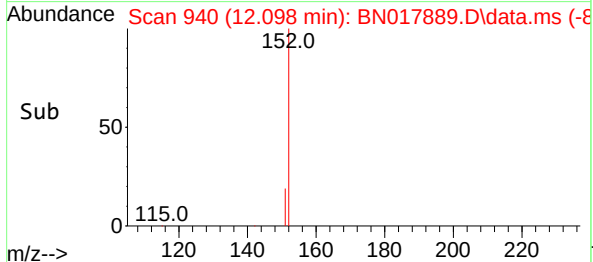
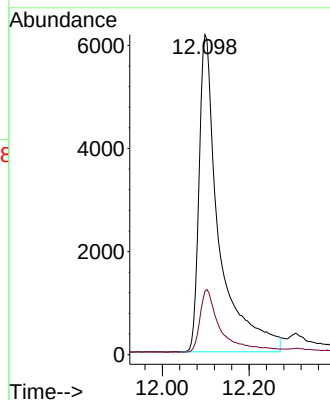
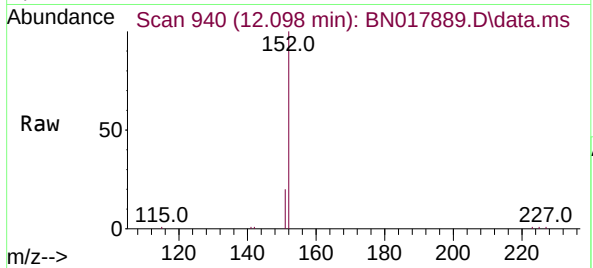
RE132D4-20211129DL

Tgt Ion:152 Resp: 19796

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1177

Delta R.T. 0.012 min

Lab File: BN017889.D

Acq: 11 Dec 2021 02:42

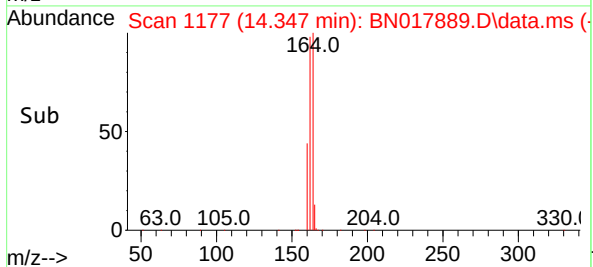
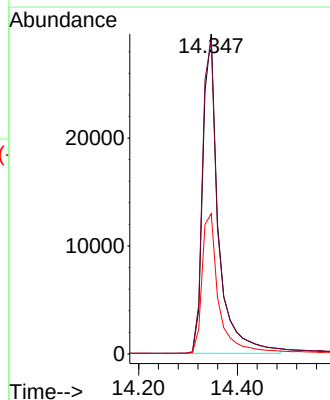
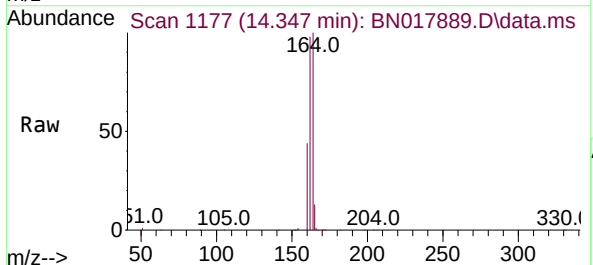
Tgt Ion:164 Resp: 65448

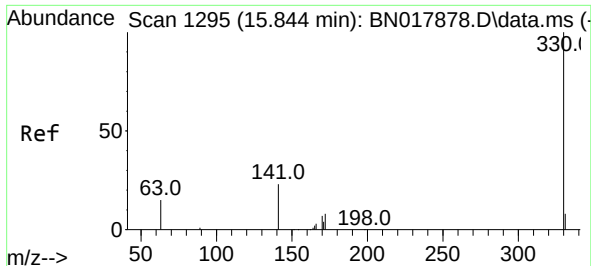
Ion Ratio Lower Upper

164 100

162 98.0 82.1 123.1

160 43.9 38.2 57.2

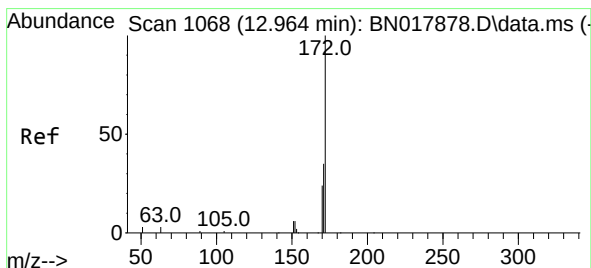
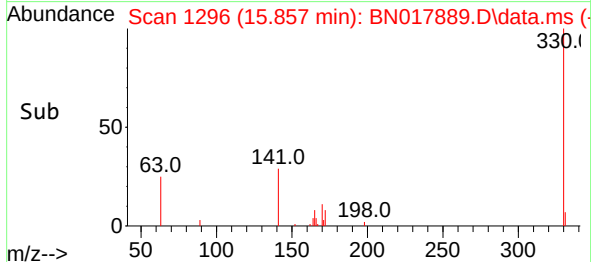
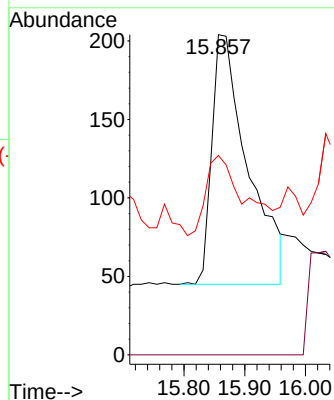
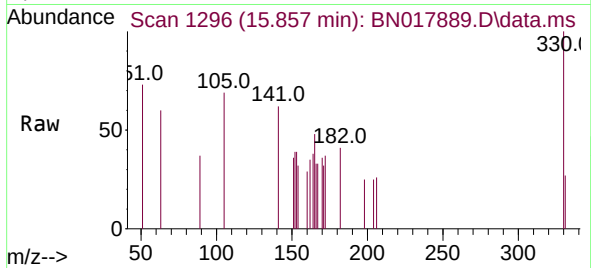




#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.857 min Scan# 1296
Delta R.T. 0.013 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

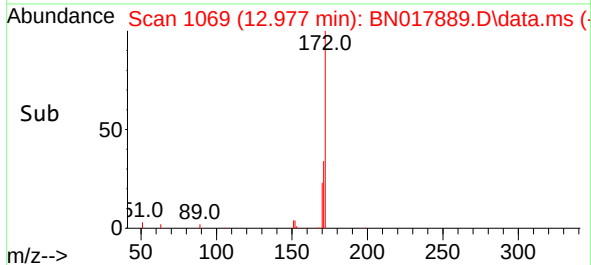
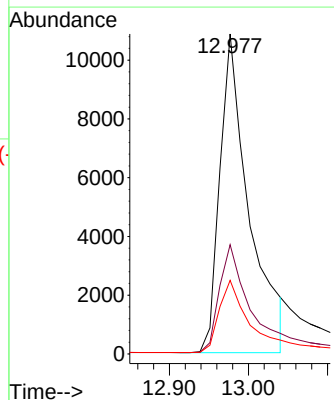
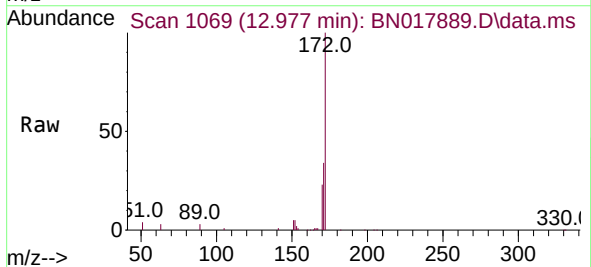
Instrument :
BNA_N
ClientSampleId :
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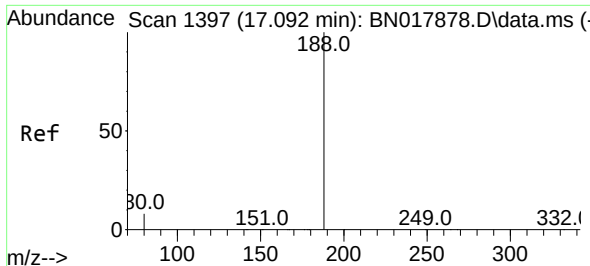
Tgt Ion: 330 Resp: 655
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.4 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.121 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

Tgt Ion: 172 Resp: 27888
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.0 19.1 28.7

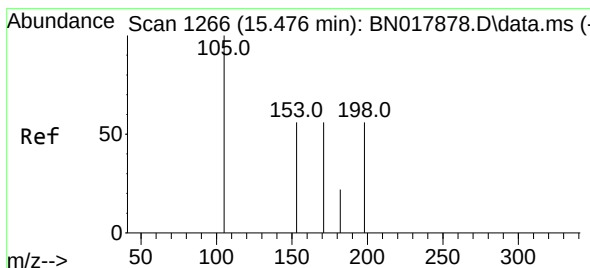
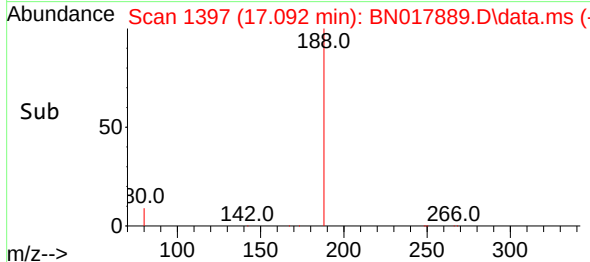
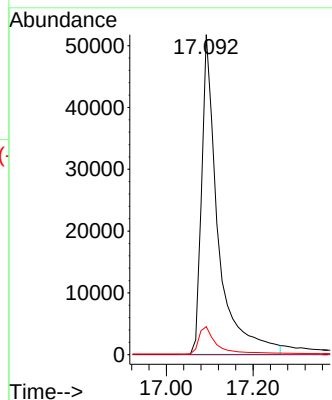
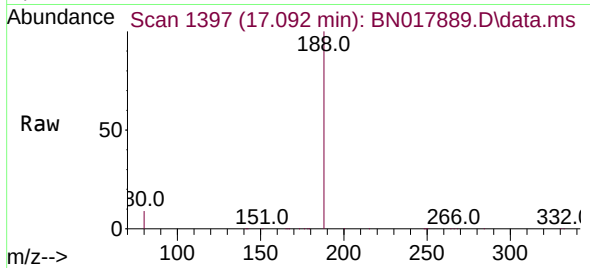




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

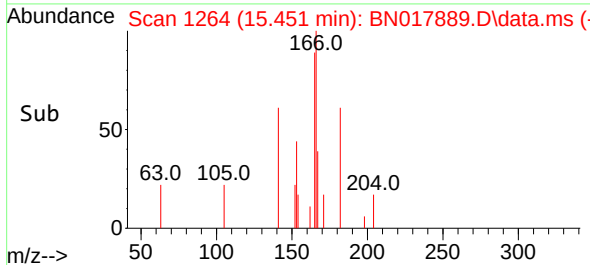
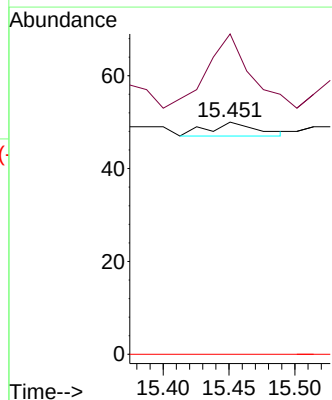
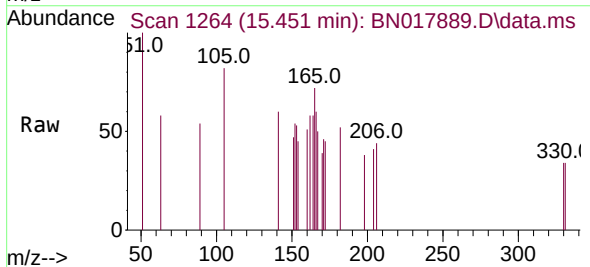
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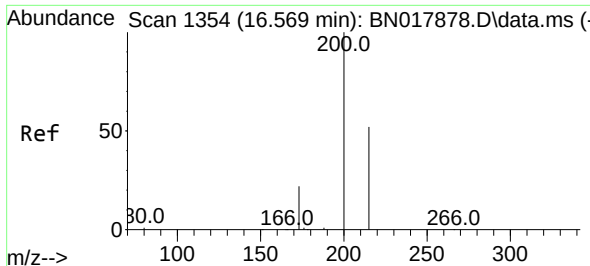
Tgt Ion:188 Resp: 135976
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 138.0 70.8 106.2#
77 0.0 0.0 0.0

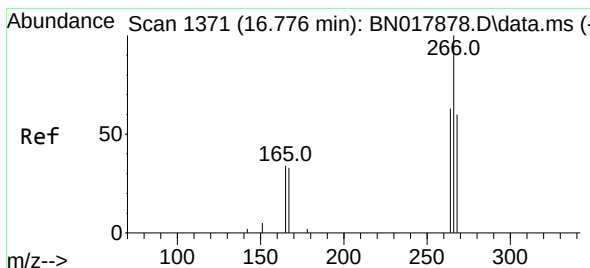
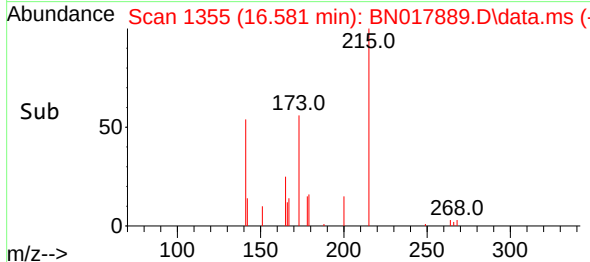
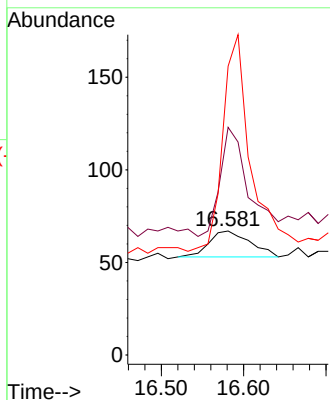
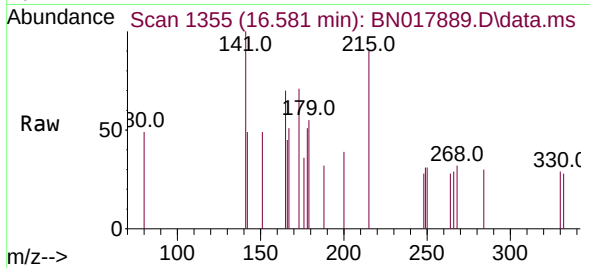




#23
 Atrazine
 Concen: 0.092 ng
 RT: 16.581 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

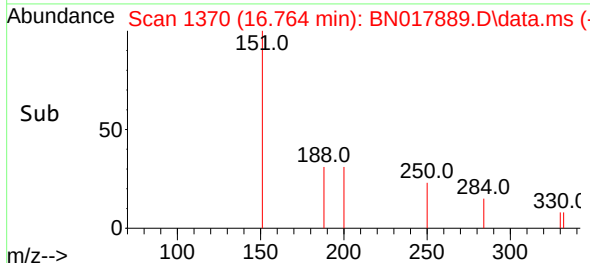
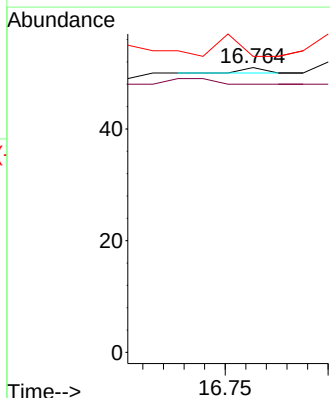
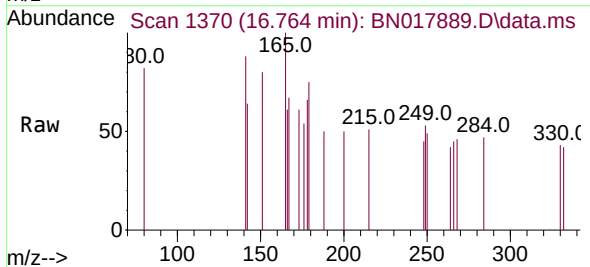
Instrument :
 BNA_N
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 RE132D4-20211129DL

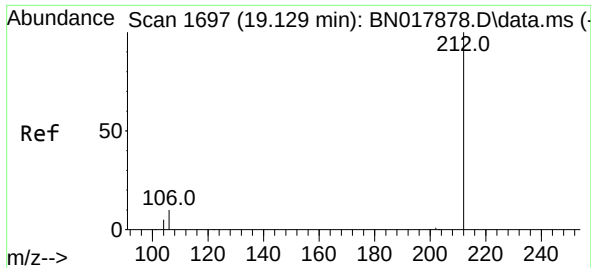
Tgt Ion:200 Resp: 48
 Ion Ratio Lower Upper
 200 100
 173 183.6 18.2 27.2#
 215 232.8 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.081 ng
 RT: 16.764 min Scan# 1370
 Delta R.T. -0.012 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

Tgt Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 300.0 53.7 80.5#

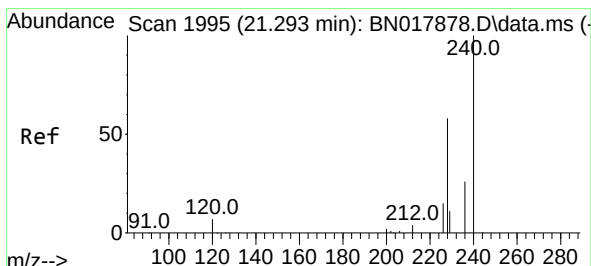
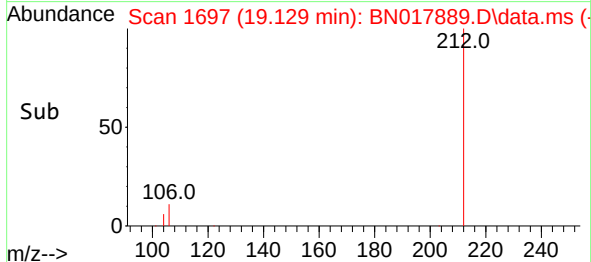
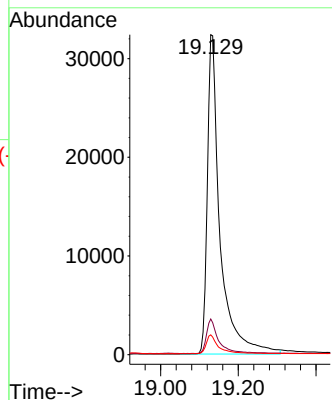
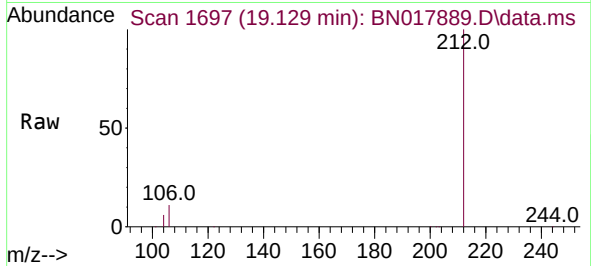




#27
Fluoranthene-d10
Concen: 0.167 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

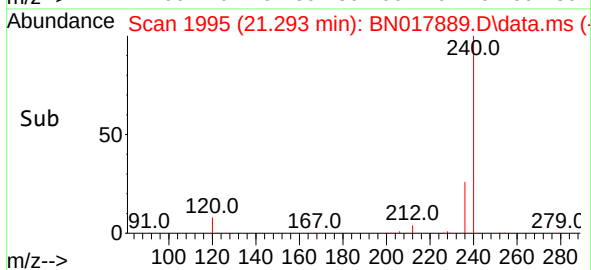
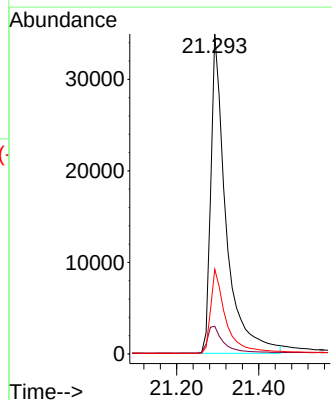
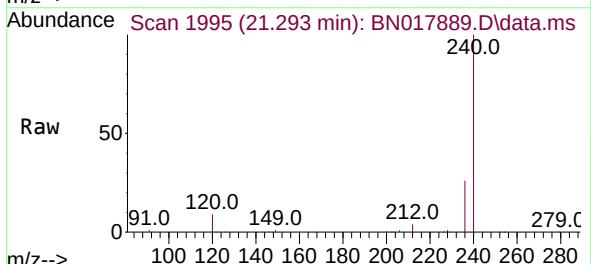
Instrument :
BNA_N
ClientSampleId :
RE132D4-20211129DL

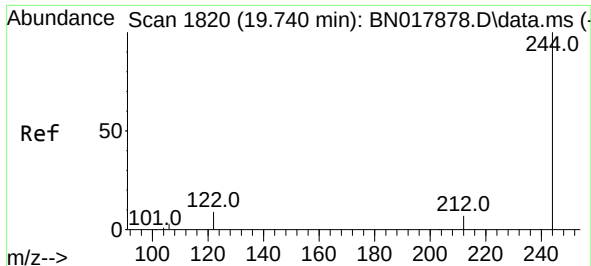
Tgt Ion:212 Resp: 73595
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.9 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017889.D
Acq: 11 Dec 2021 02:42

Tgt Ion:240 Resp: 89846
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.8
236 26.5 21.0 31.6

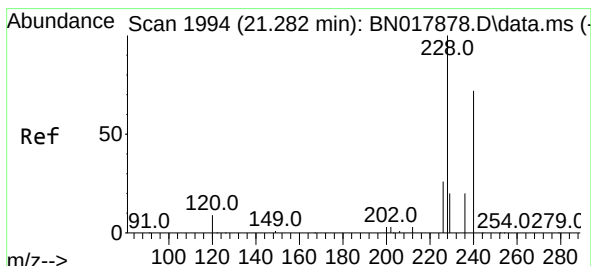
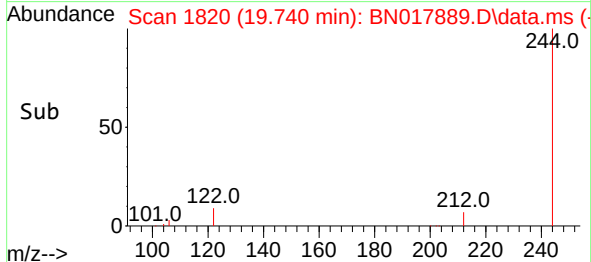
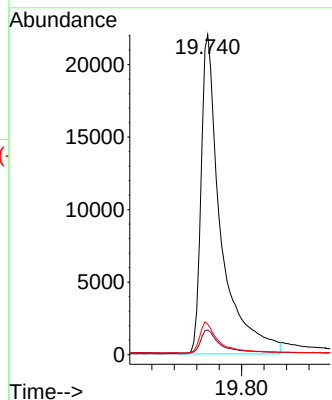
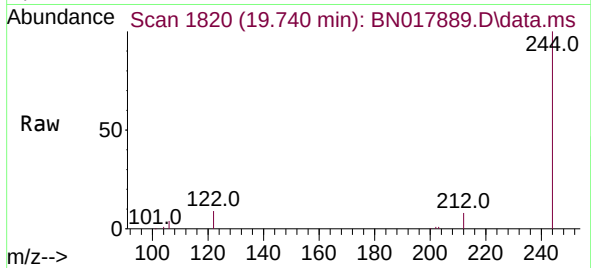




#31
 Terphenyl-d14
 Concen: 0.242 ng
 RT: 19.740 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

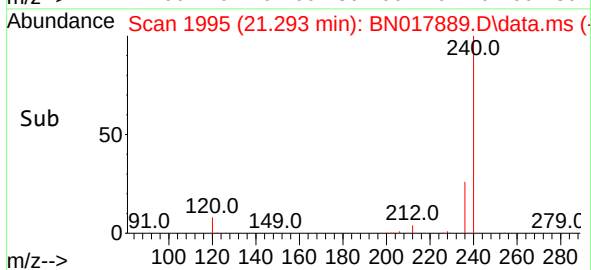
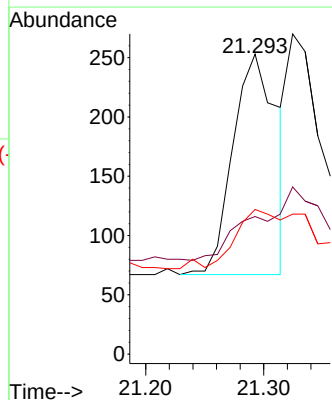
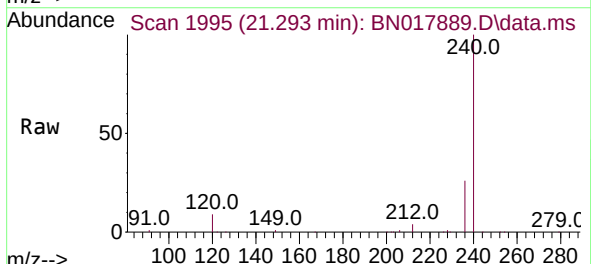
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20211129DL

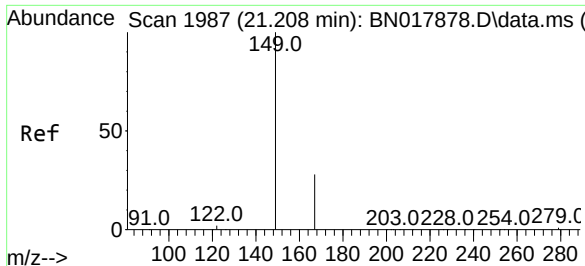
Tgt Ion:244 Resp: 53607
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.5 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

Tgt Ion:228 Resp: 482
 Ion Ratio Lower Upper
 228 100
 226 45.8 21.0 31.4#
 229 48.2 15.8 23.8#

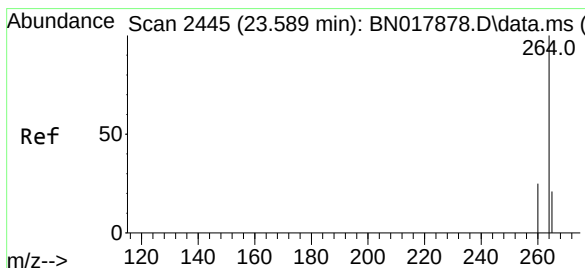
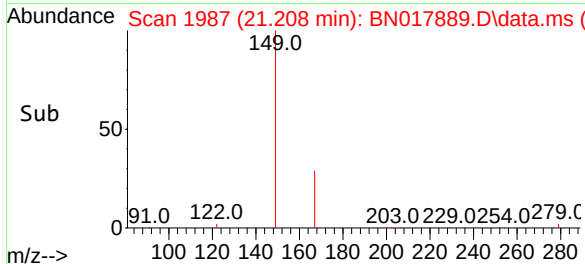
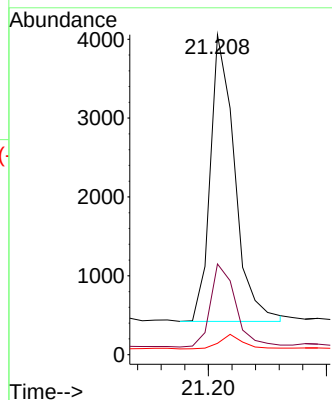
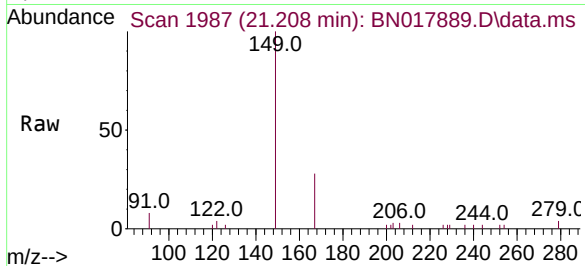




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

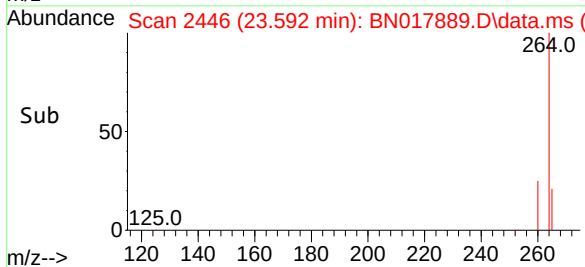
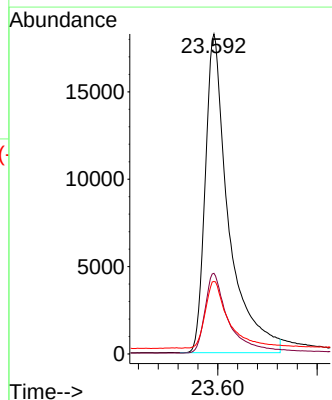
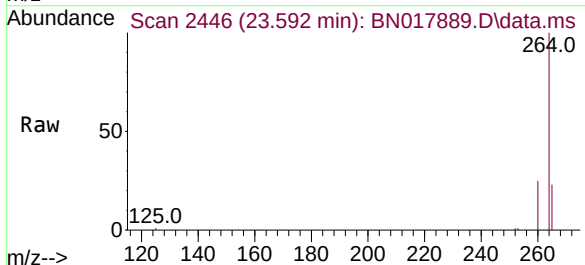
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20211129DL

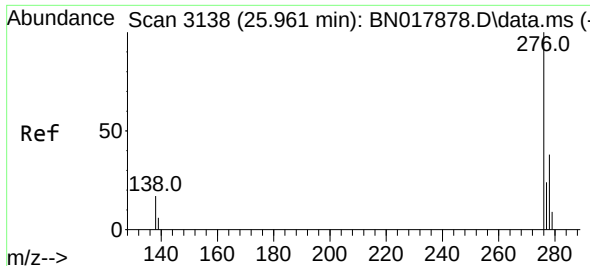
Tgt Ion:149	Resp:	5212
Ion Ratio	Lower	Upper
149	100	
167	30.1	23.4 35.0
279	4.9	3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

Tgt Ion:264	Resp:	59552
Ion Ratio	Lower	Upper
264	100	
260	25.2	20.2 30.4
265	22.7	18.2 27.4

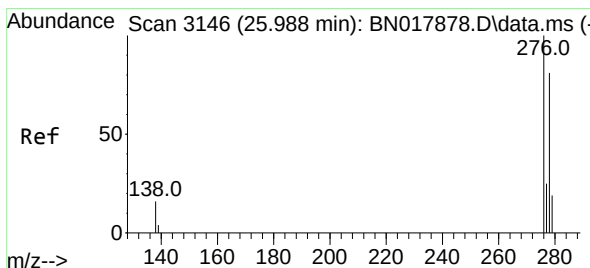
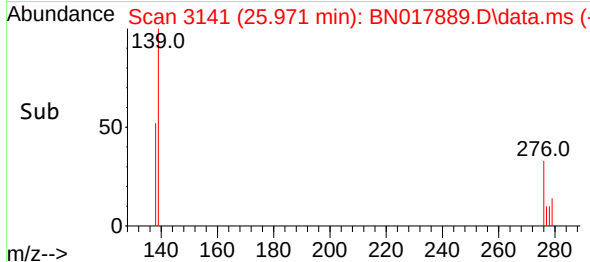
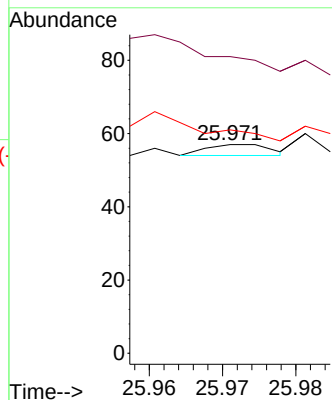
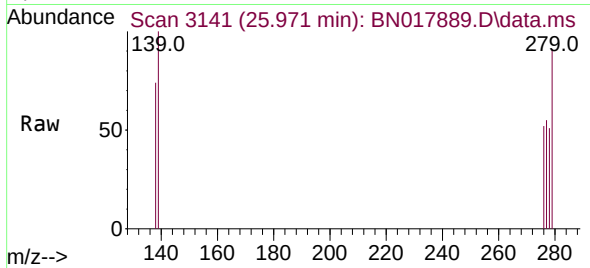




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.971 min Scan# 3141
 Delta R.T. 0.010 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20211129DL

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 0.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.998 min Scan# 3149
 Delta R.T. 0.010 min
 Lab File: BN017889.D
 Acq: 11 Dec 2021 02:42

Tgt Ion:278 Resp: 4
 Ion Ratio Lower Upper
 278 100
 139 157.6 12.0 18.0#
 279 167.8 20.8 31.2#

