

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017887.D
 Acq On : 11 Dec 2021 01:29
 Operator : CG/JU
 Sample : M4922-13DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20211130DL

Quant Time: Dec 11 05:46:06 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)

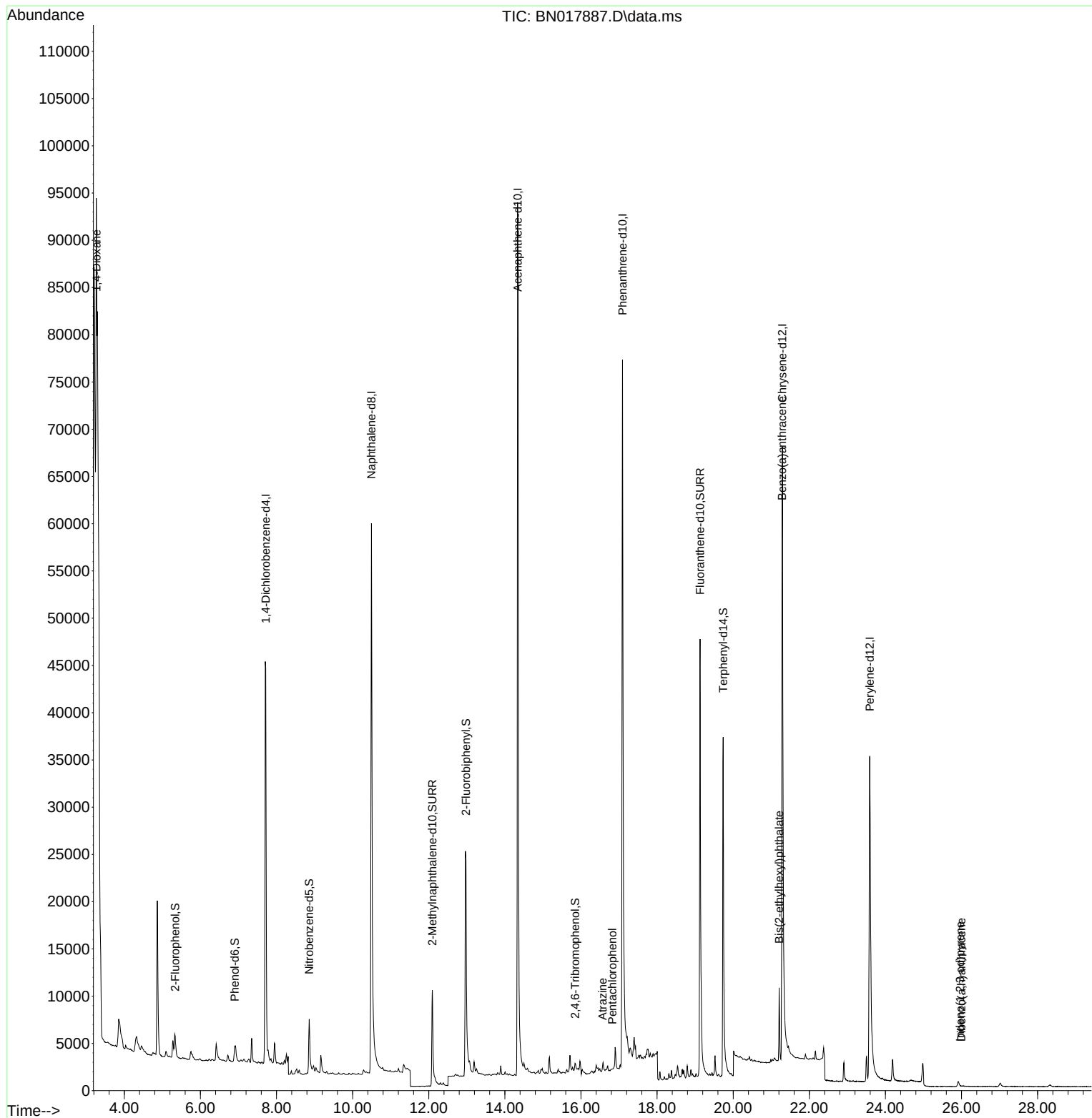
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	27491	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	104953	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	71774	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	151578	0.400	ng	0.00
29) Chrysene-d12	21.293	240	108615	0.400	ng	0.00
35) Perylene-d12	23.589	264	72249	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	3160	0.056	ng	0.00
5) Phenol-d6	6.903	99	1683	0.030	ng	0.00
8) Nitrobenzene-d5	8.859	82	7270	0.106	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	20842	0.113	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1261	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	31187	0.123	ng	0.01
27) Fluoranthene-d10	19.129	212	75091	0.153	ng	0.00
31) Terphenyl-d14	19.735	244	57057	0.213	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	45556	5.461	ng	94
20) 4,6-Dinitro-2-methylph...	15.515	198	11	Below Cal	#	57
23) Atrazine	16.569	200	101	0.093	ng	# 1
24) Pentachlorophenol	16.825	266	44	0.102	ng	# 35
32) Benzo(a)anthracene	21.282	228	583	0.052	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.208	149	7314	0.063	ng	98
36) Indeno(1,2,3-cd)pyrene	25.964	276	4	0.089	ng	# 25
40) Dibenzo(a,h)anthracene	25.999	278	7	0.101	ng	# 1

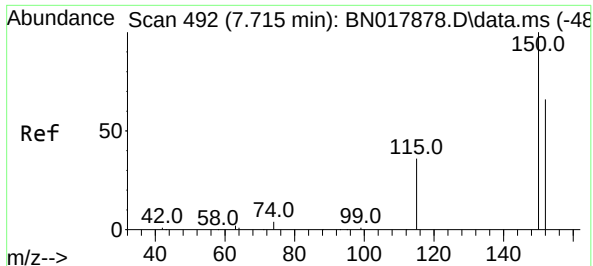
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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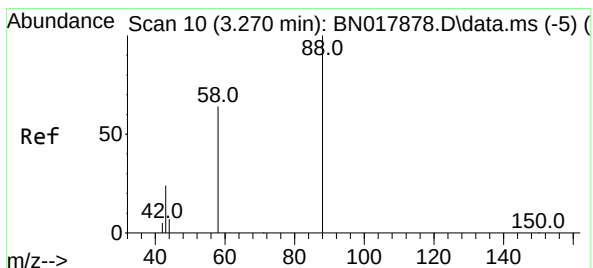
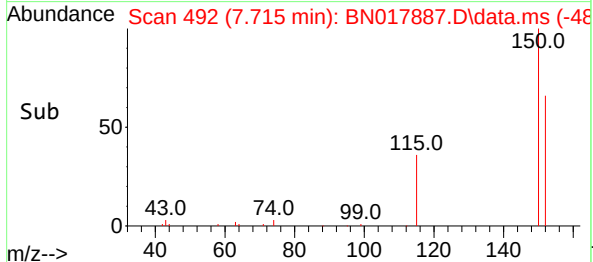
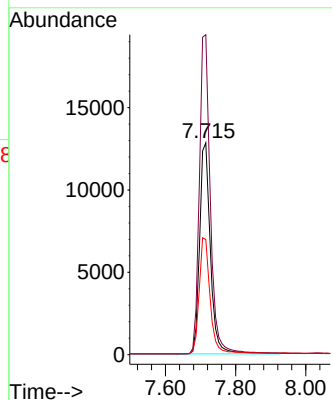
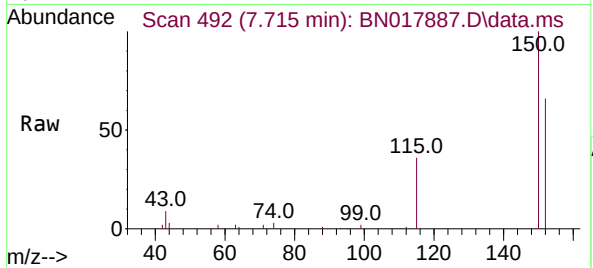




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

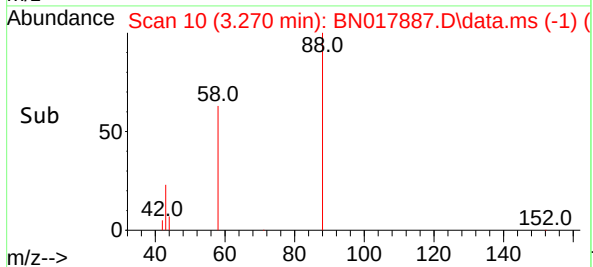
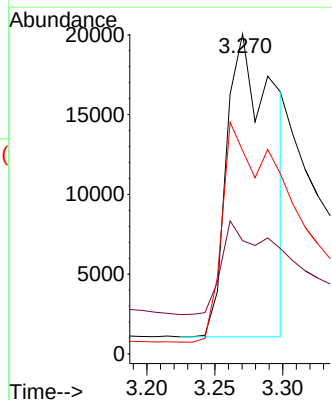
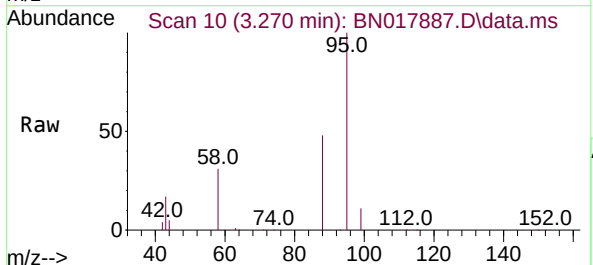
Instrument :
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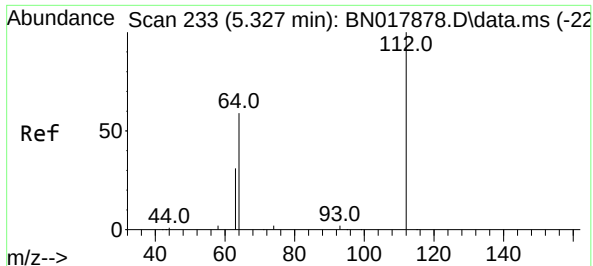
Tgt Ion:152 Resp: 27491
 Ion Ratio Lower Upper
 152 100
 150 151.1 121.9 182.9
 115 54.4 44.1 66.1



#2
 1,4-Dioxane
 Concen: 5.461 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

Tgt Ion: 88 Resp: 45556
 Ion Ratio Lower Upper
 88 100
 43 31.5 28.0 42.0
 58 76.6 65.4 98.0

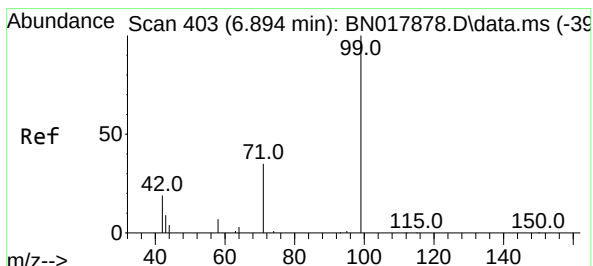
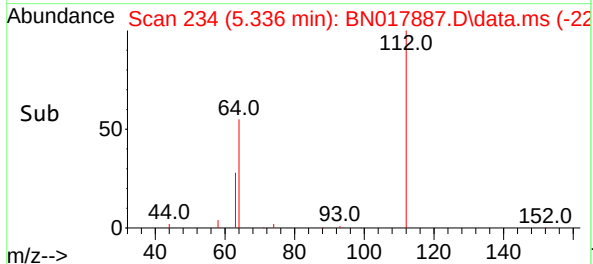
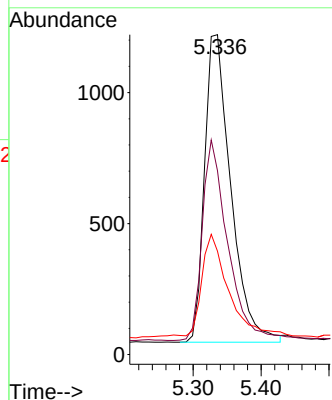
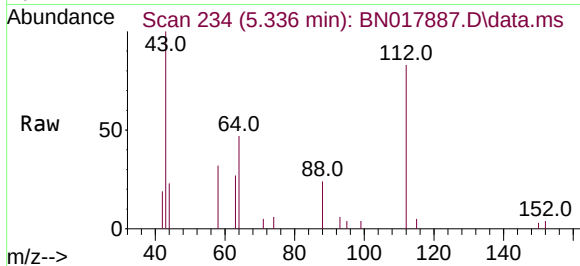




#4
2-Fluorophenol
Concen: 0.056 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

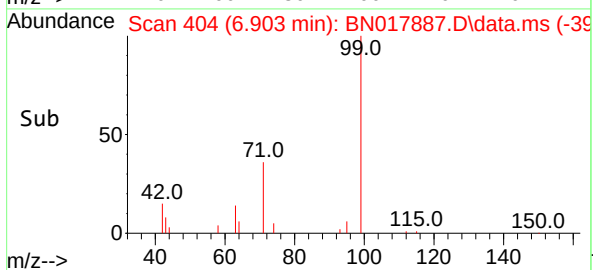
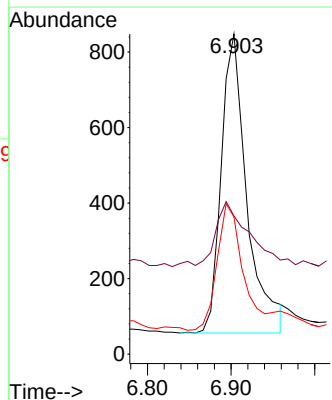
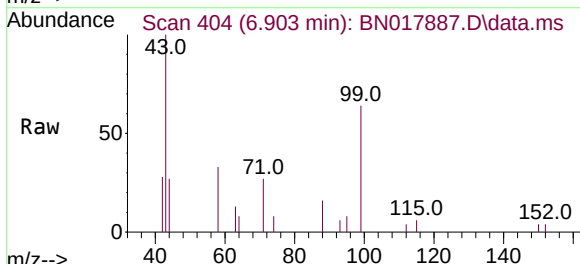
Instrument :
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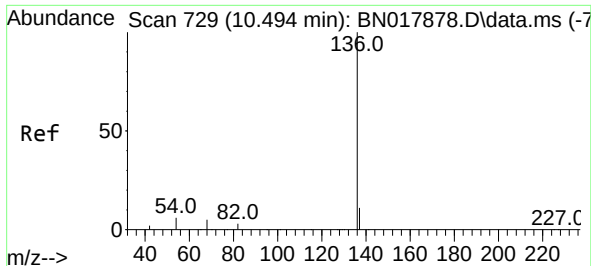
Tgt Ion:112 Resp: 3160
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.4
63 33.8 26.2 39.2



#5
Phenol-d6
Concen: 0.030 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

Tgt Ion: 99 Resp: 1683
Ion Ratio Lower Upper
99 100
42 27.0 17.0 25.4#
71 44.1 28.0 42.0#

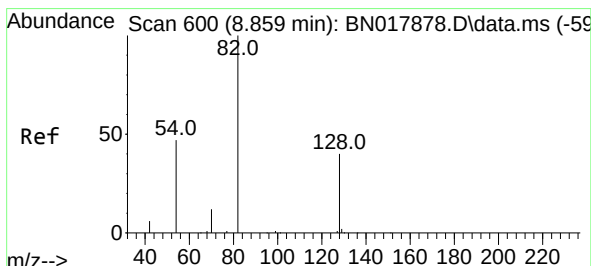
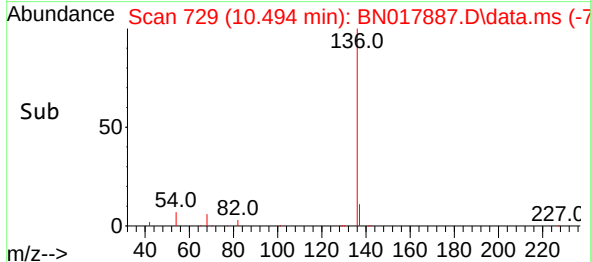
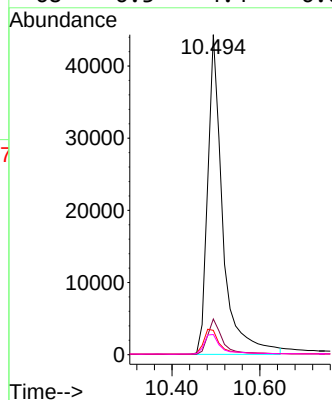
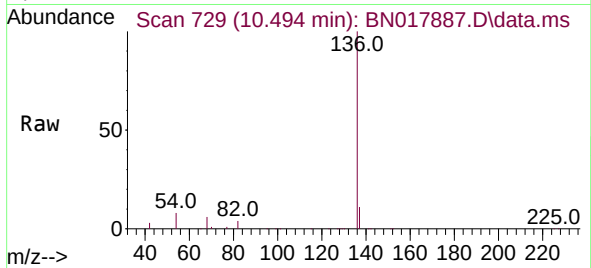




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

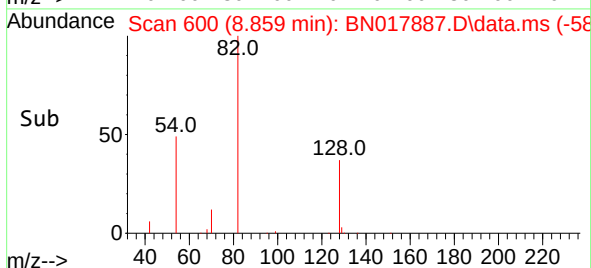
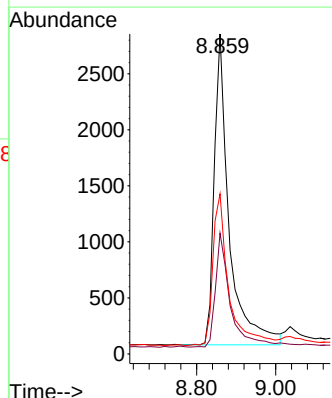
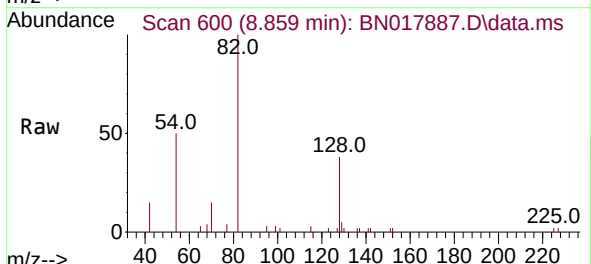
Instrument :
BNA_N
ClientSampleId :
DUP04-20211130DL

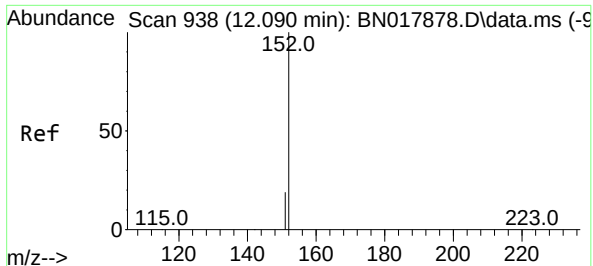
Tgt Ion:136	Resp:	104953
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.6	5.1 7.7
68	6.3	4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.106 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

Tgt Ion: 82	Resp:	7270
Ion Ratio	Lower	Upper
82	100	
128	37.7	32.2 48.4
54	50.1	37.6 56.4

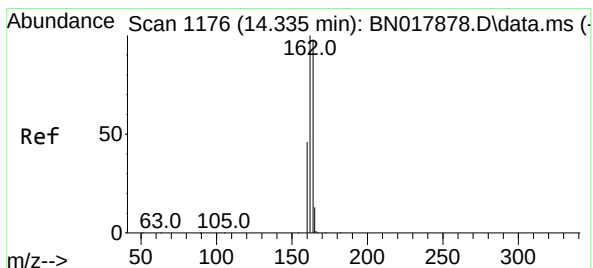
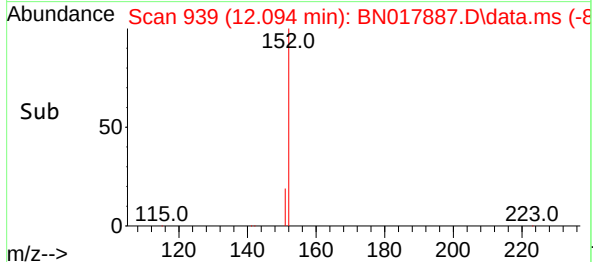
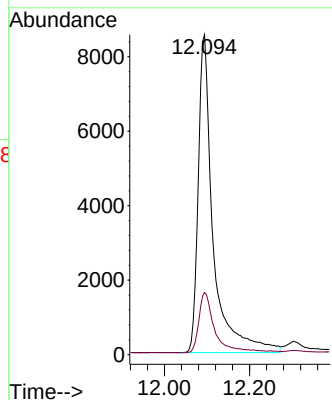
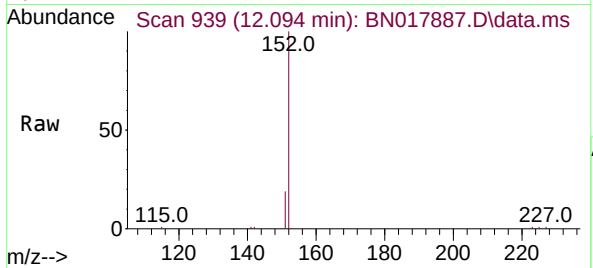




#11
2-Methylnaphthalene-d10
Concen: 0.113 ng
RT: 12.094 min Scan# 911
Delta R.T. 0.004 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

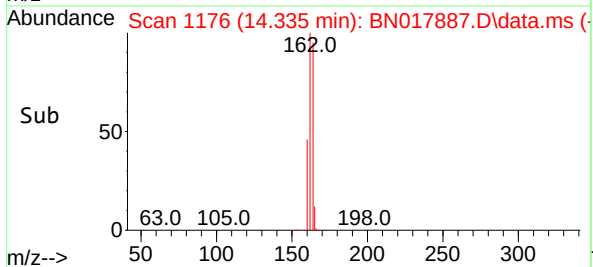
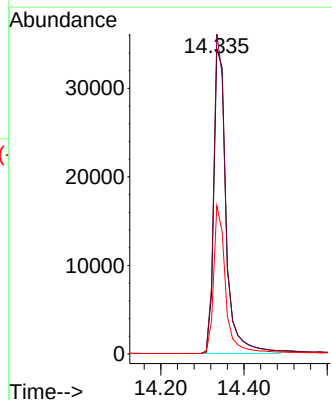
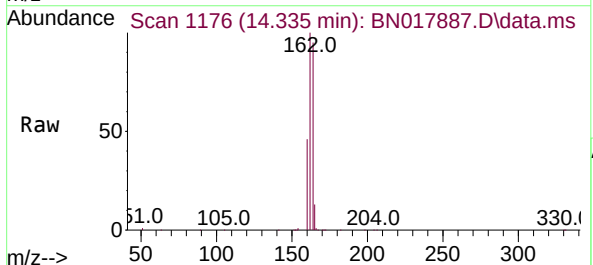
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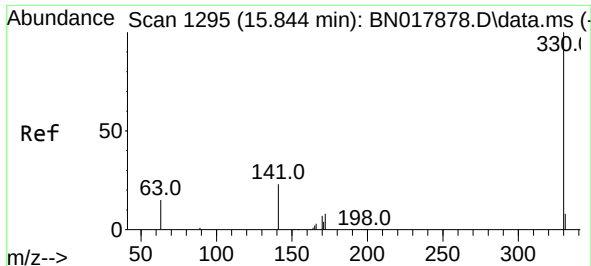
Tgt Ion:152 Resp: 20842
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

Tgt Ion:164 Resp: 71774
Ion Ratio Lower Upper
164 100
162 104.9 82.1 123.1
160 48.6 38.2 57.2

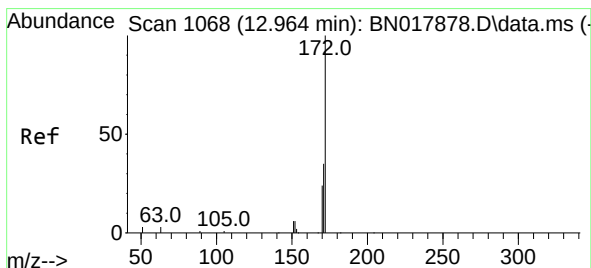
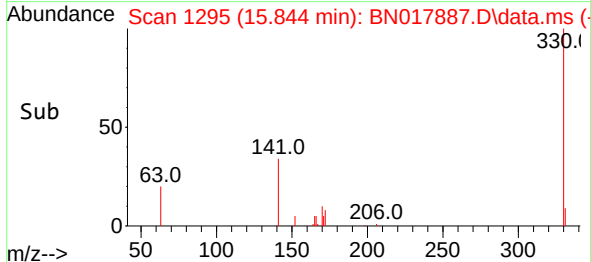
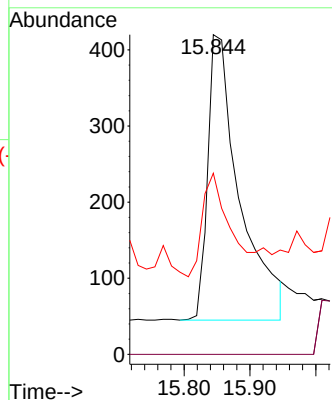
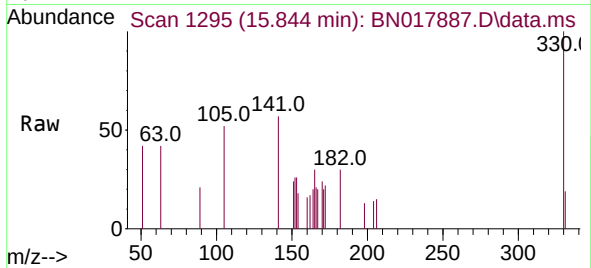




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

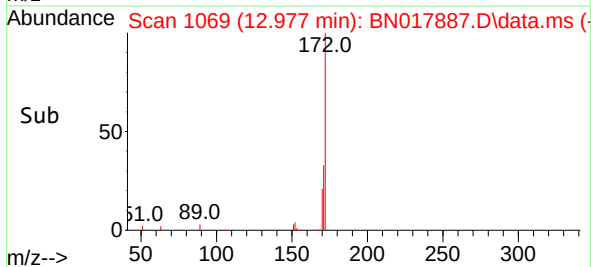
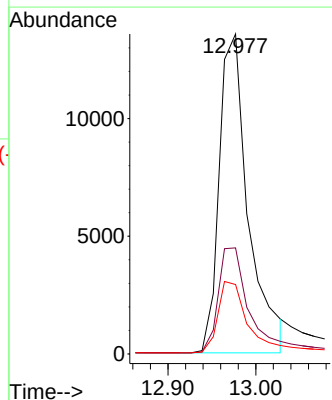
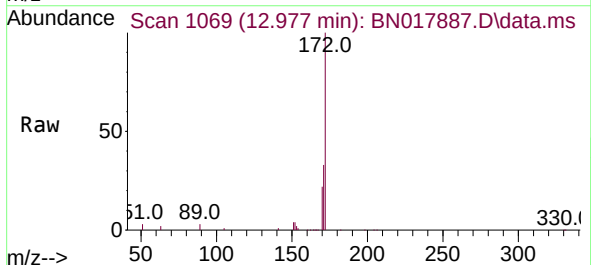
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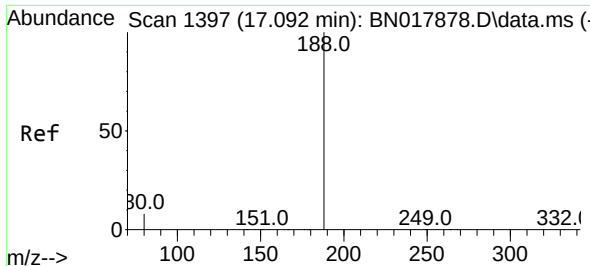
Tgt Ion: 330 Resp: 1261
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.9 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

Tgt Ion: 172 Resp: 31187
Ion Ratio Lower Upper
172 100
171 33.1 28.3 42.5
170 21.7 19.1 28.7

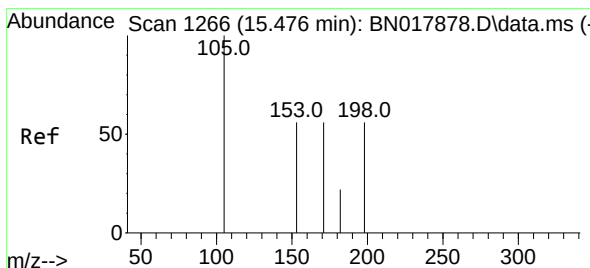
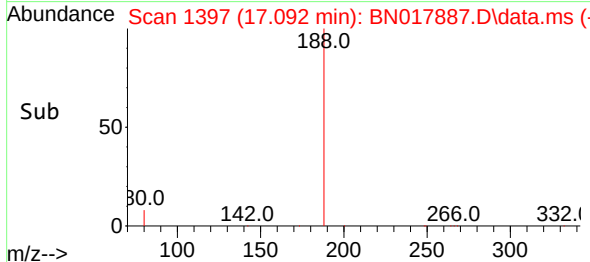
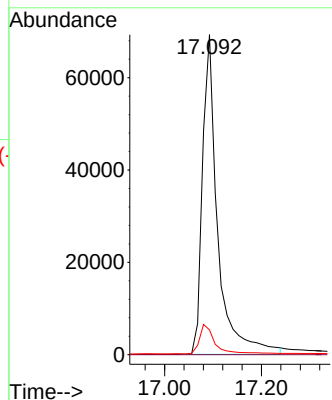
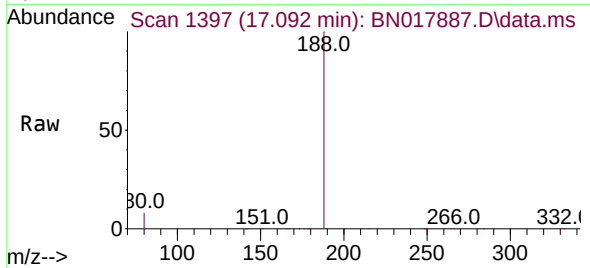




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

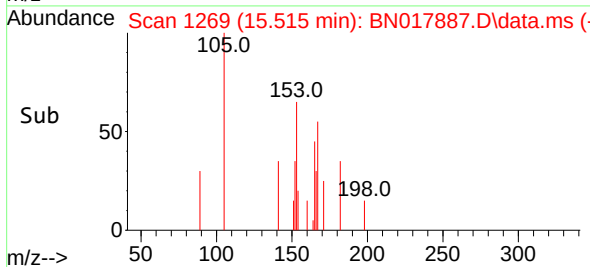
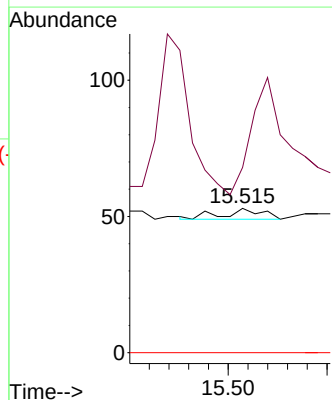
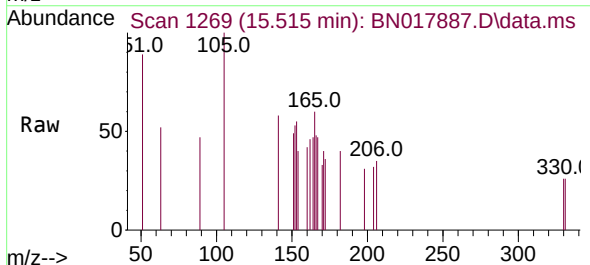
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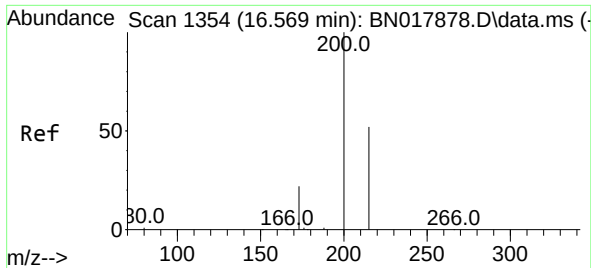
Tgt Ion:188 Resp: 151578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.515 min Scan# 1269
Delta R.T. 0.038 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 128.3 70.8 106.2#
77 0.0 0.0 0.0

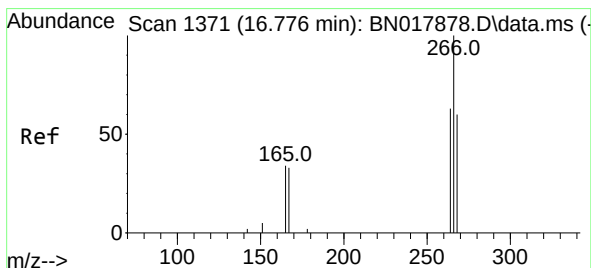
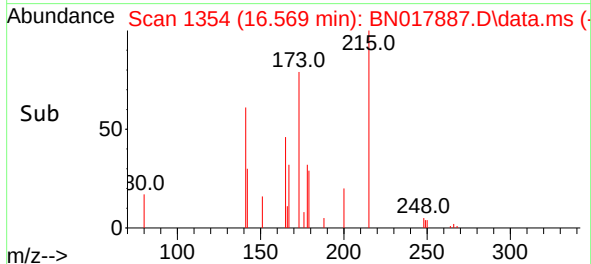
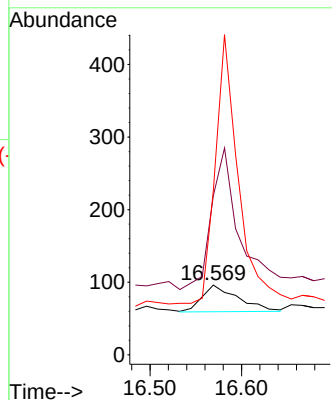
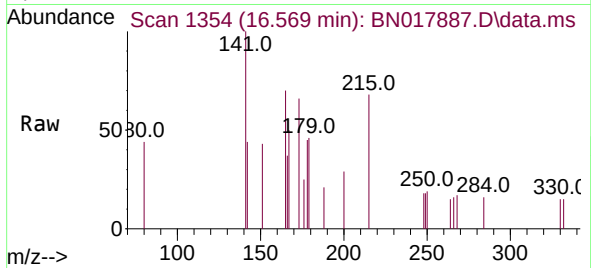




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.569 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

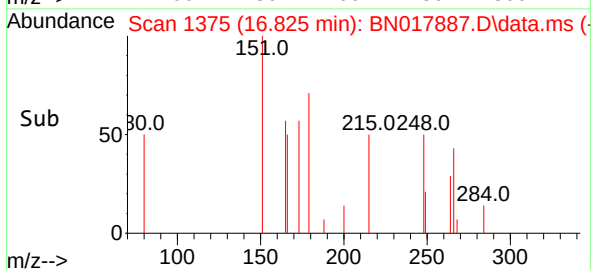
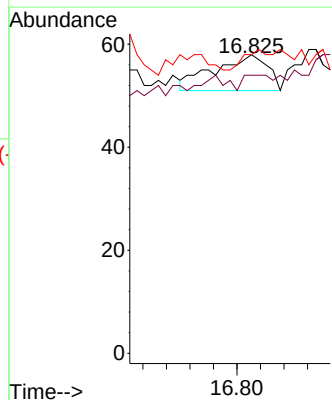
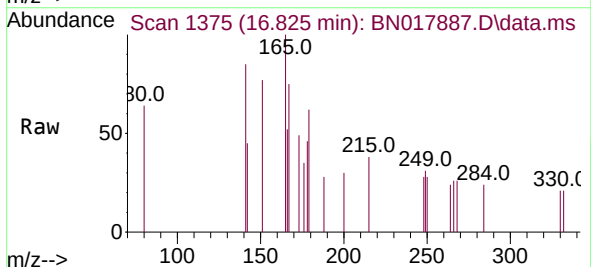
Instrument :
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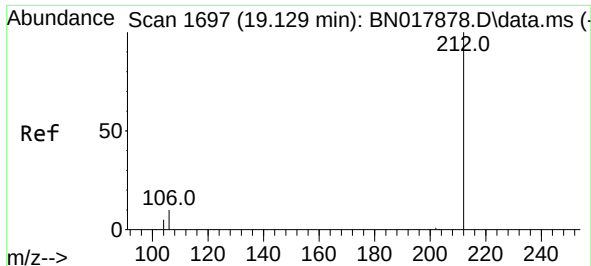
Tgt Ion:200 Resp: 101
 Ion Ratio Lower Upper
 200 100
 173 228.1 18.2 27.2#
 215 235.4 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.102 ng
 RT: 16.825 min Scan# 1375
 Delta R.T. 0.049 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

Tgt Ion:266 Resp: 44
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 27.3 53.7 80.5#

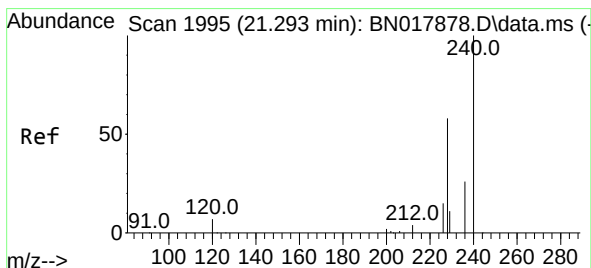
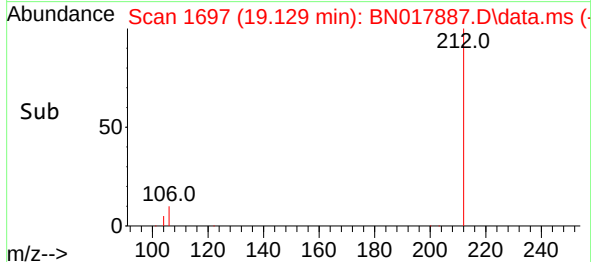
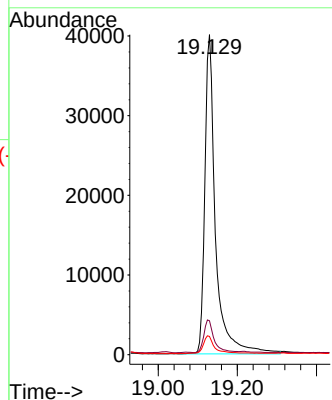
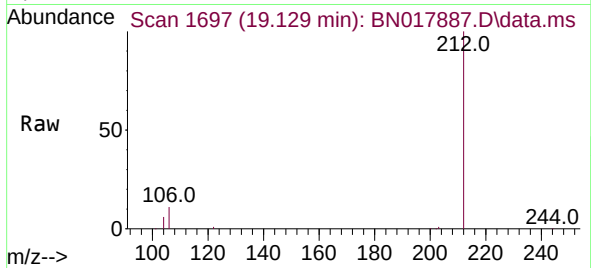




#27
Fluoranthene-d10
Concen: 0.153 ng
RT: 19.129 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

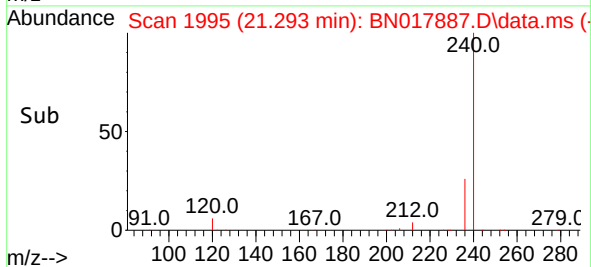
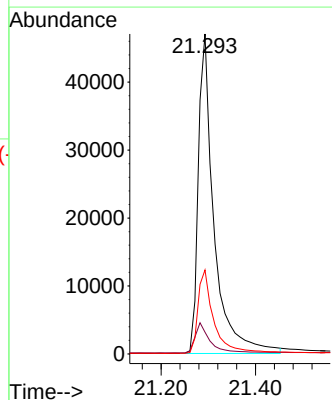
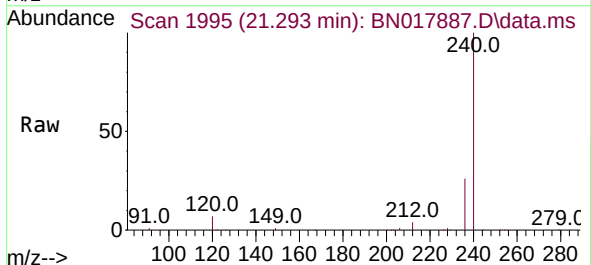
Instrument :
BNA_N
ClientSampleId :
DUP04-20211130DL

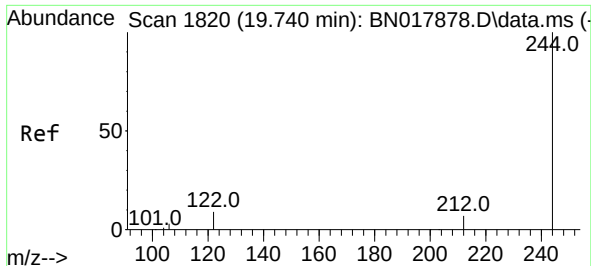
Tgt Ion:212 Resp: 75091
Ion Ratio Lower Upper
212 100
106 9.8 8.3 12.5
104 6.0 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017887.D
Acq: 11 Dec 2021 01:29

Tgt Ion:240 Resp: 108615
Ion Ratio Lower Upper
240 100
120 6.8 5.8 8.8
236 26.3 21.0 31.6

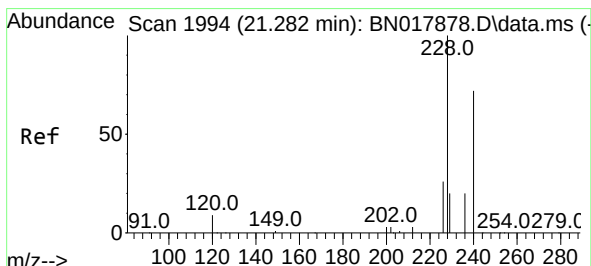
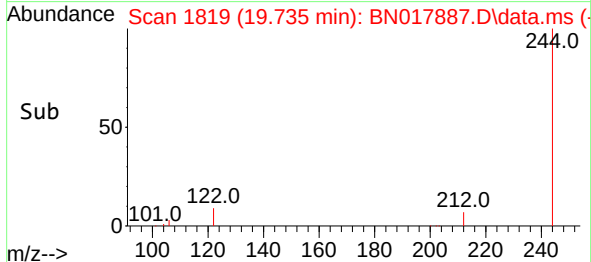
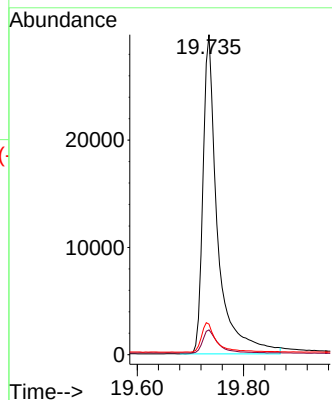
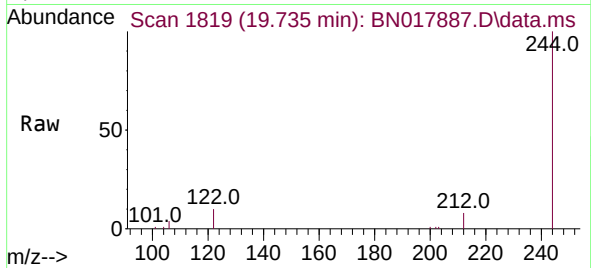




#31
 Terphenyl-d14
 Concen: 0.213 ng
 RT: 19.735 min Scan# 1820
 Delta R.T. -0.005 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

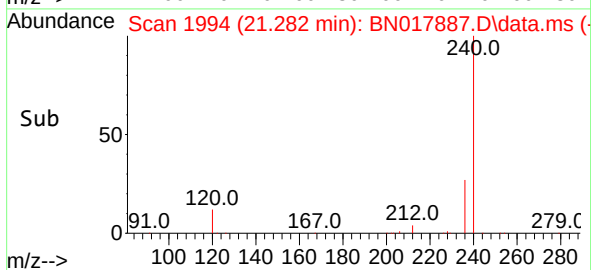
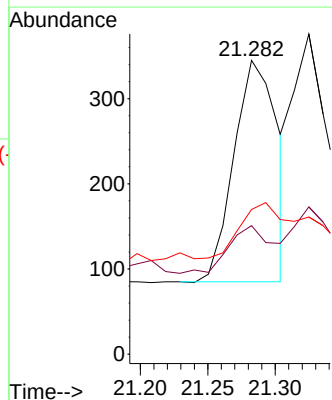
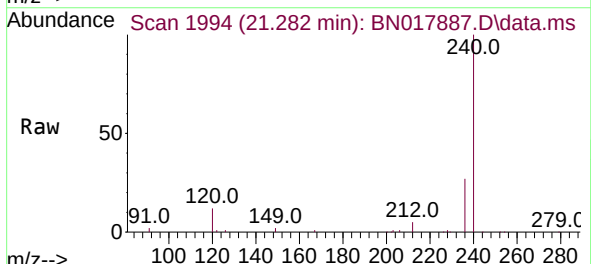
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20211130DL

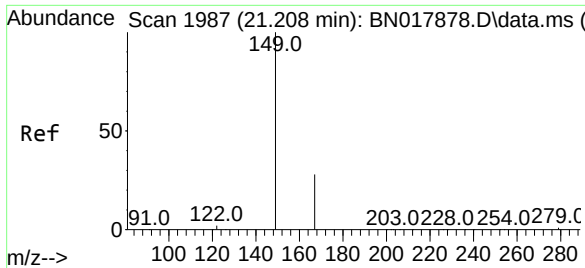
Tgt Ion:244 Resp: 57057
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.6 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

Tgt Ion:228 Resp: 583
 Ion Ratio Lower Upper
 228 100
 226 43.8 21.0 31.4#
 229 49.3 15.8 23.8#

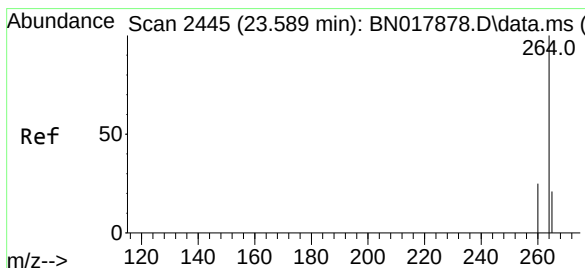
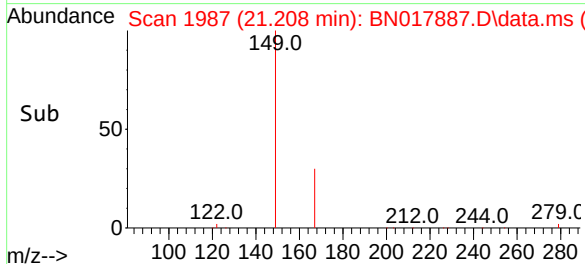
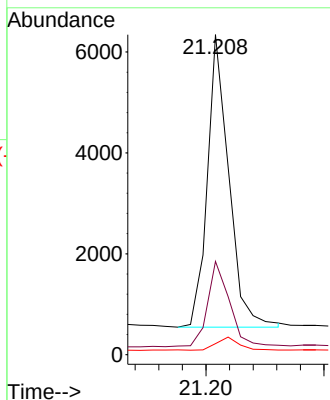
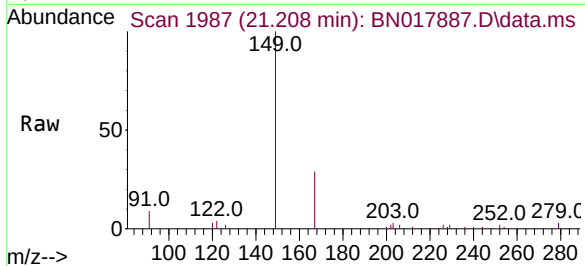




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

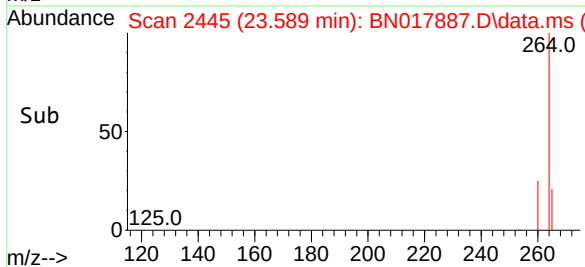
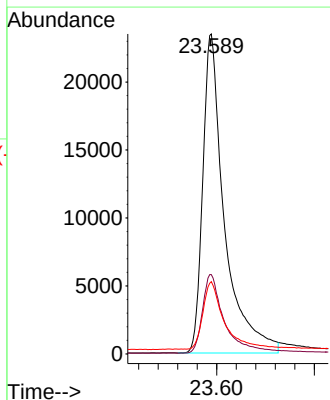
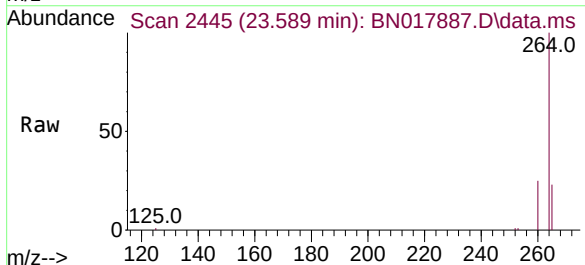
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20211130DL

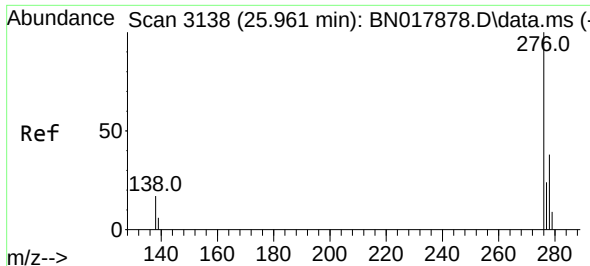
Tgt Ion:	149	Resp:	7314
Ion Ratio	Lower	Upper	
149	100		
167	30.2	23.4	35.0
279	5.0	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

Tgt Ion:	264	Resp:	72249
Ion Ratio	Lower	Upper	
264	100		
260	24.8	20.2	30.4
265	22.6	18.2	27.4

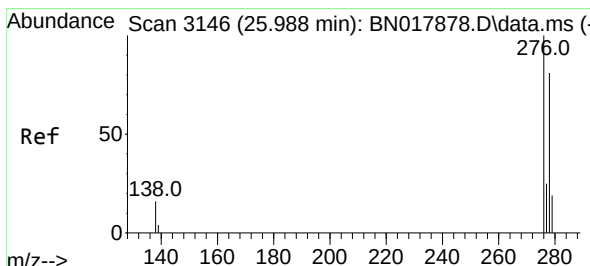
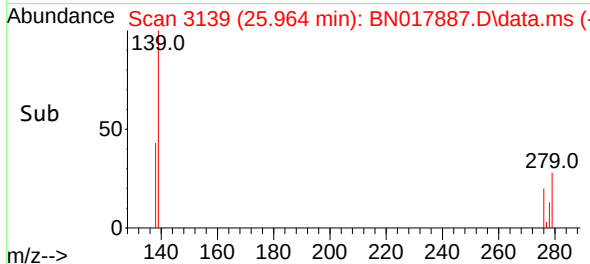
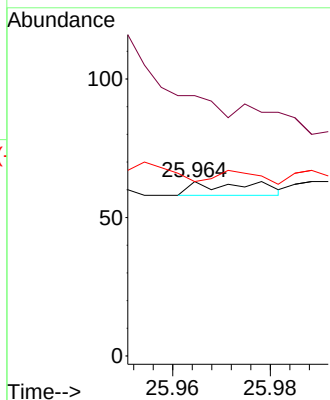
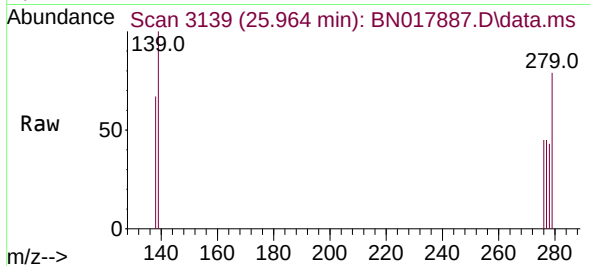




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.964 min Scan# 3138
 Delta R.T. 0.003 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20211130DL

Tgt Ion:276 Resp: 4
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 75.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.999 min Scan# 3149
 Delta R.T. 0.011 min
 Lab File: BN017887.D
 Acq: 11 Dec 2021 01:29

Tgt Ion:278 Resp: 7
 Ion Ratio Lower Upper
 278 100
 139 177.8 12.0 18.0#
 279 166.7 20.8 31.2#

