

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017919.D
 Acq On : 12 Dec 2021 00:27
 Operator : CG/JU
 Sample : M4956-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202

Quant Time: Dec 12 02:52:11 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)

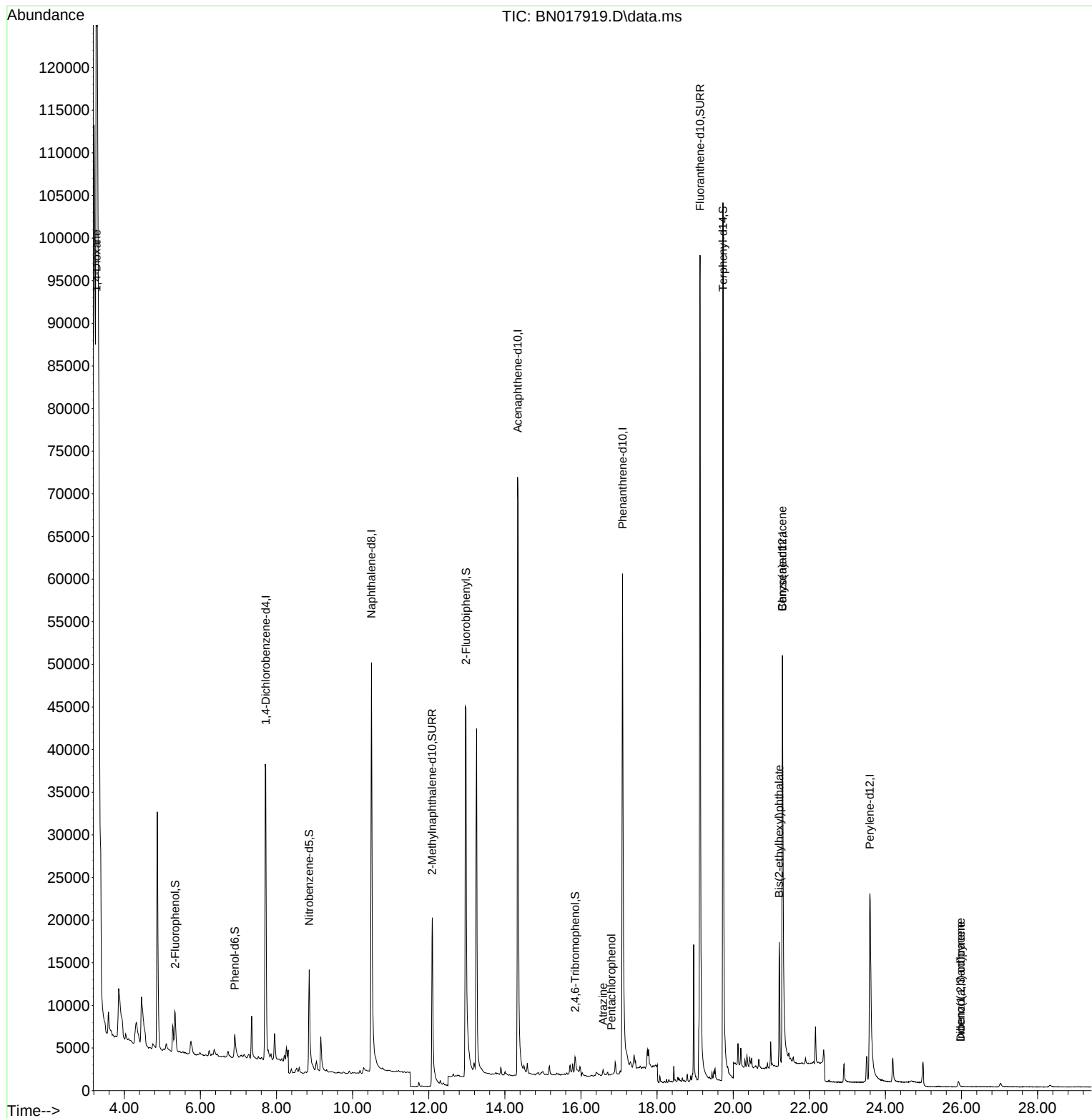
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21992	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	85879	0.400	ng	# 0.00
13) Acenaphthene-d10	14.335	164	57920	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	117844	0.400	ng	0.00
29) Chrysene-d12	21.293	240	78842	0.400	ng	0.00
35) Perylene-d12	23.593	264	50781	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6088	0.134	ng	0.00
5) Phenol-d6	6.903	99	3064	0.068	ng	0.00
8) Nitrobenzene-d5	8.859	82	14926	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	39760	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	2965	0.426	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	59012	0.290	ng	0.01
27) Fluoranthene-d10	19.129	212	151740	0.397	ng	0.00
31) Terphenyl-d14	19.730	244	145167	0.747	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.271	88	87170	13.061	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	15.451	198	6	Below Cal	#	44
23) Atrazine	16.581	200	52	0.092	ng	# 1
24) Pentachlorophenol	16.801	266	14	0.089	ng	# 81
32) Benzo(a)anthracene	21.293	228	388	0.051	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.208	149	16022	0.189	ng	100
36) Indeno(1,2,3-cd)pyrene	25.975	276	4	0.089	ng	# 54
40) Dibenzo(a,h)anthracene	25.978	278	2	0.101	ng	# 1

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

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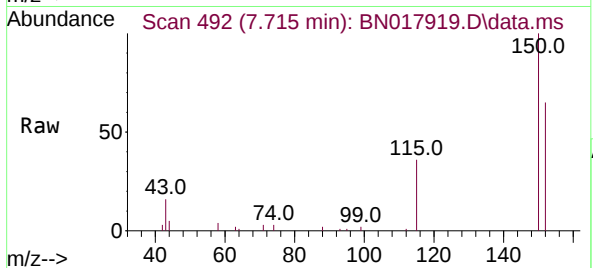
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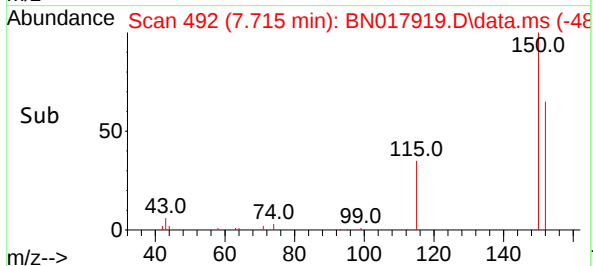
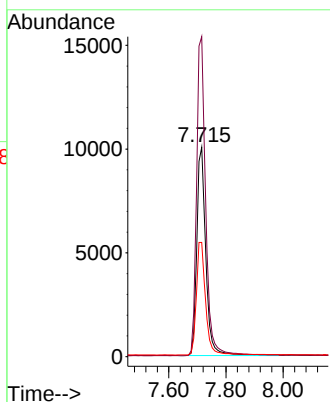


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202

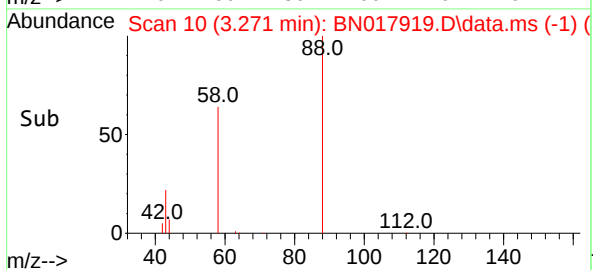
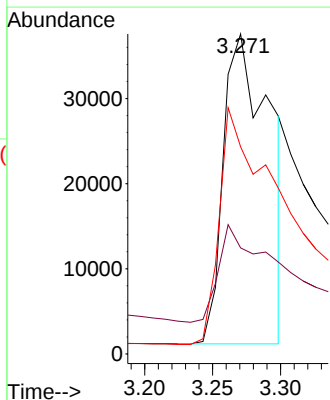
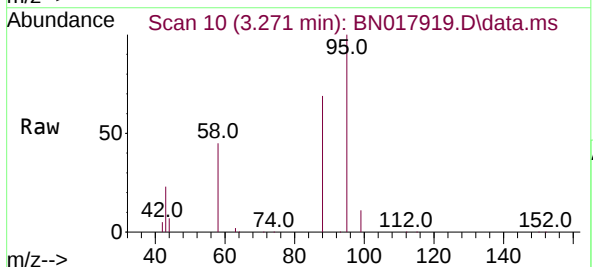


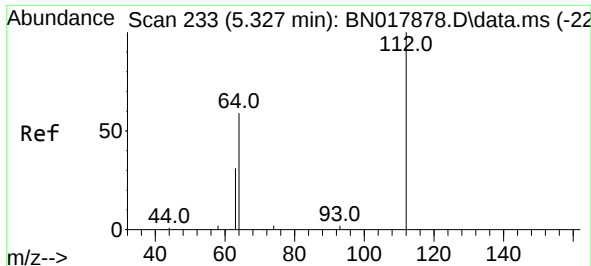
Tgt Ion: 152 Resp: 21992
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.9 182.9
 115 54.5 44.1 66.1



#2
 1,4-Dioxane
 Concen: 13.061 ng
 RT: 3.271 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

Tgt Ion: 88 Resp: 87170
 Ion Ratio Lower Upper
 88 100
 43 30.8 28.0 42.0
 58 76.5 65.4 98.0

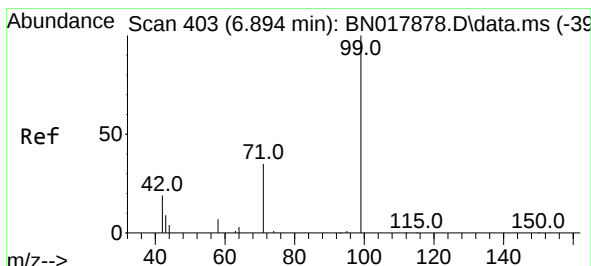
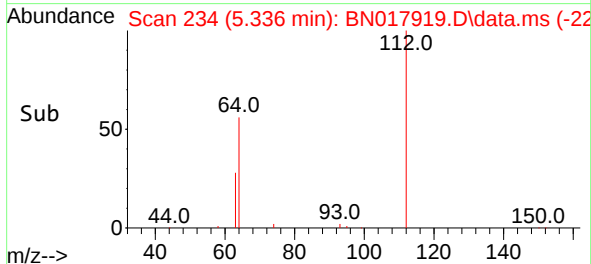
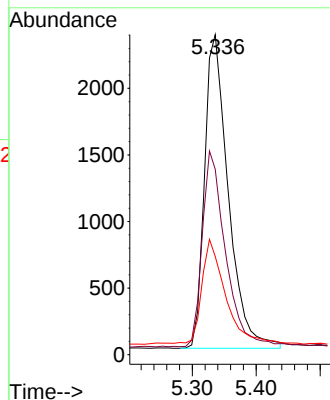
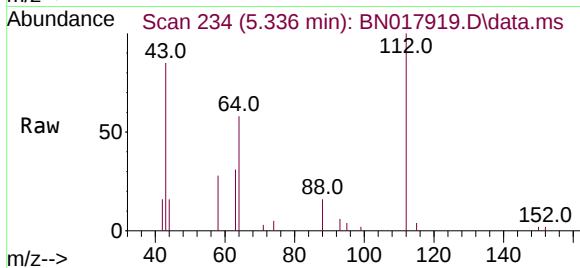




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

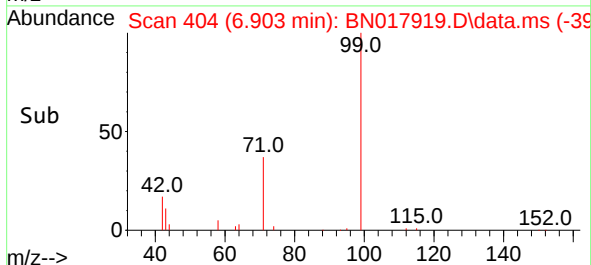
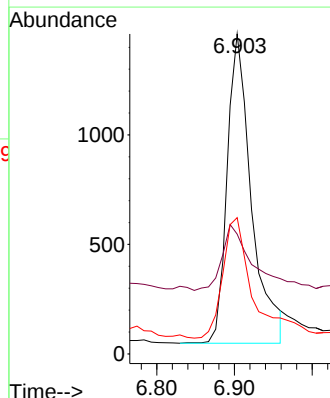
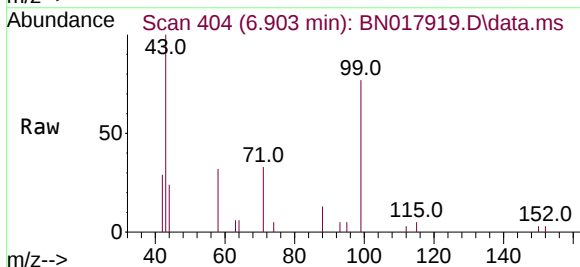
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202

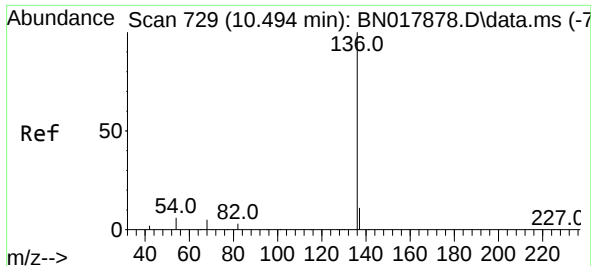
Tgt Ion:112 Resp: 6088
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 32.2 26.2 39.2



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion: 99 Resp: 3064
Ion Ratio Lower Upper
99 100
42 25.2 17.0 25.4
71 44.7 28.0 42.0#

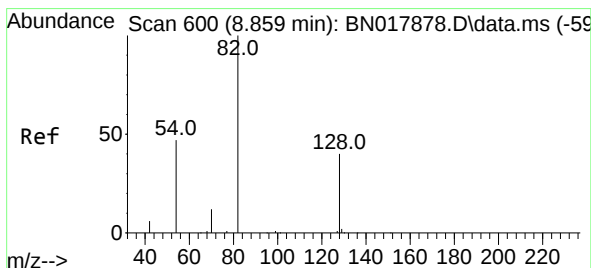
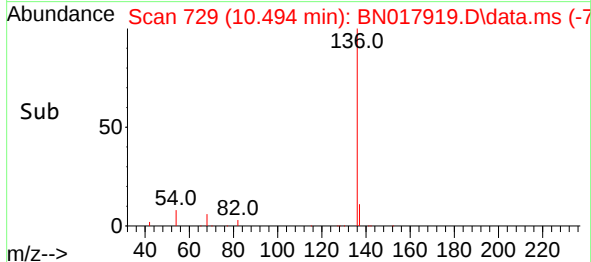
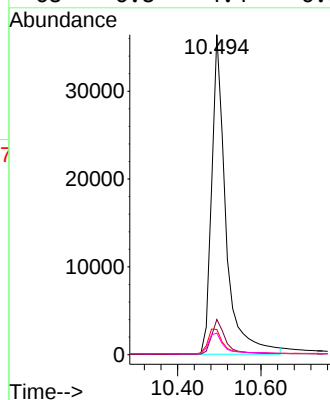
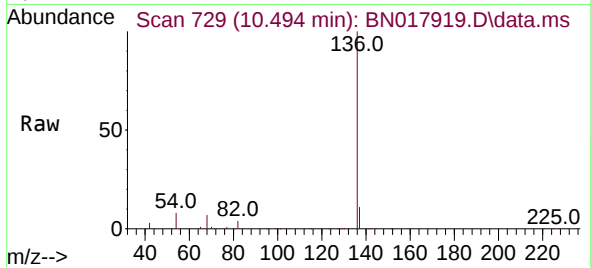




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

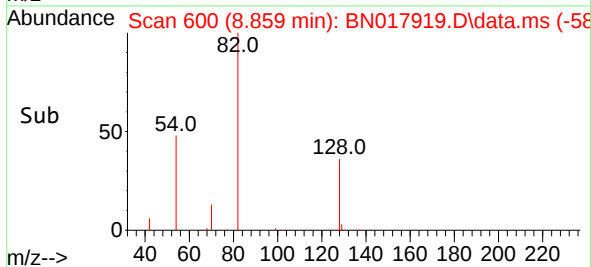
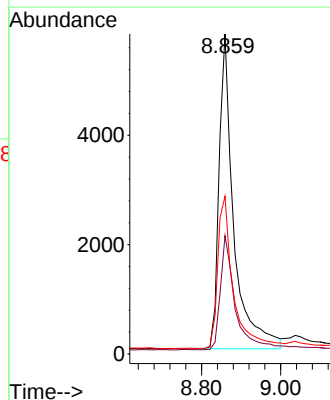
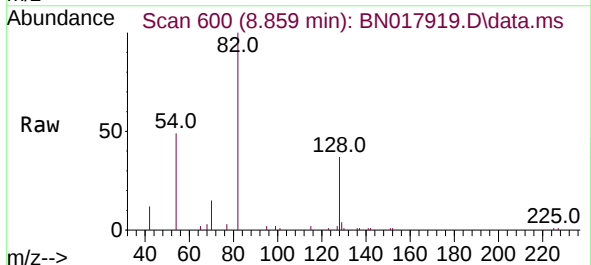
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202

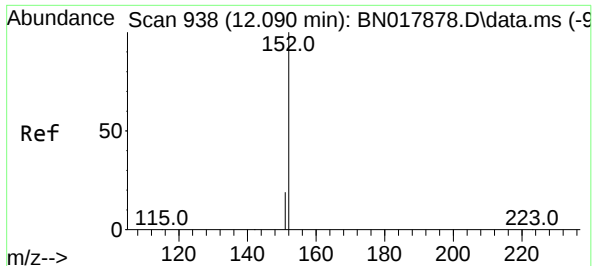
Tgt Ion:136	Resp:	85879
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.9	5.1 7.7#
68	6.8	4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion: 82	Resp:	14926
Ion Ratio	Lower	Upper
82	100	
128	37.0	32.2 48.4
54	49.3	37.6 56.4

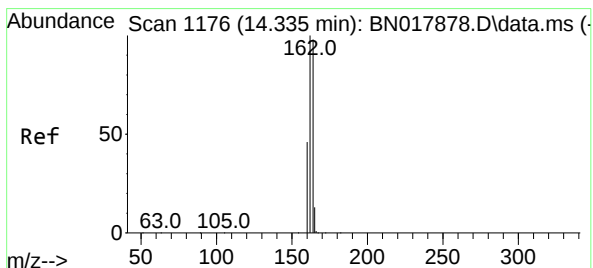
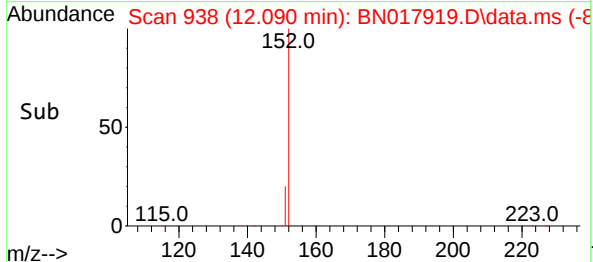
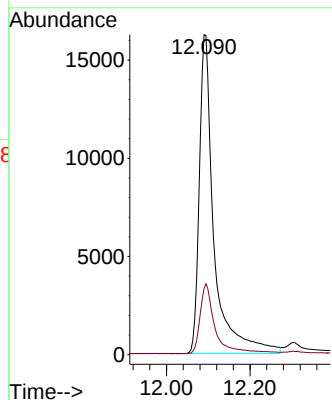
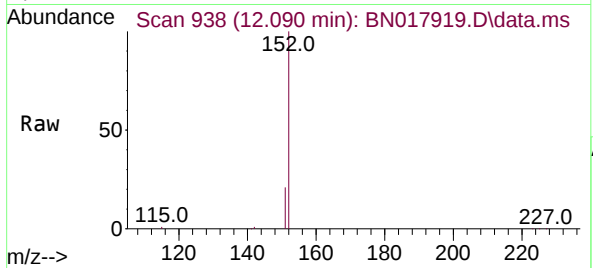




#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.090 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

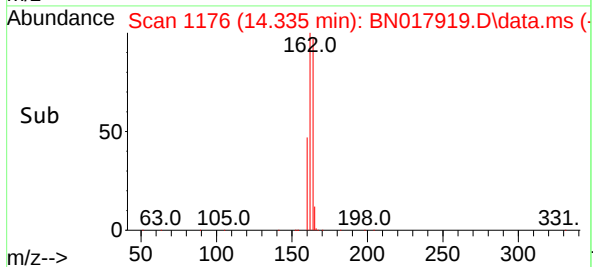
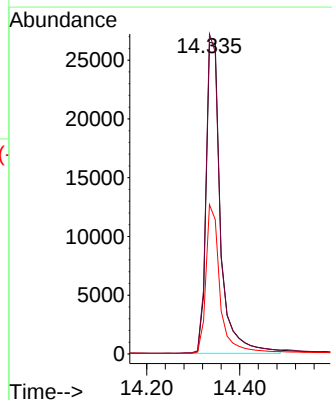
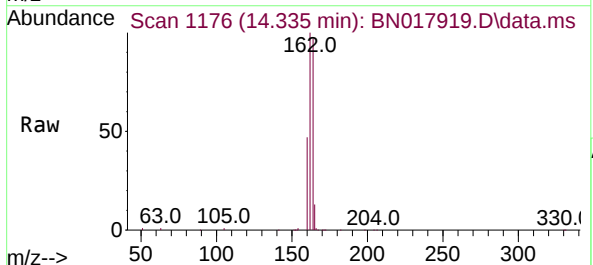
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202

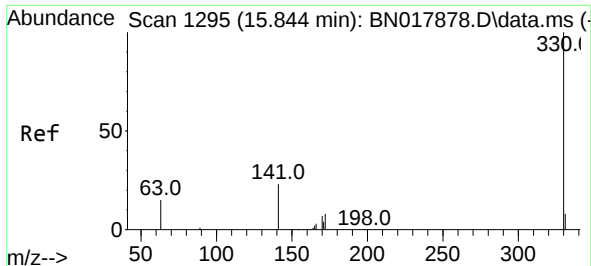
Tgt Ion:152 Resp: 39760
Ion Ratio Lower Upper
152 100
151 22.5 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion:164 Resp: 57920
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 47.9 38.2 57.2

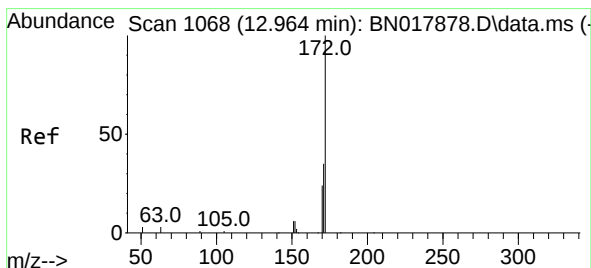
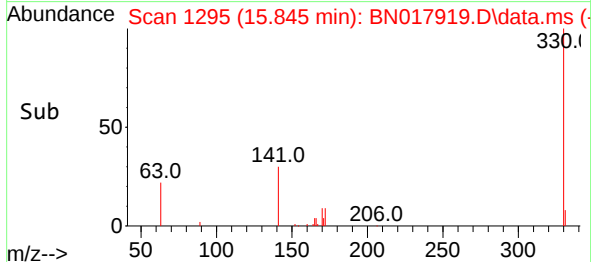
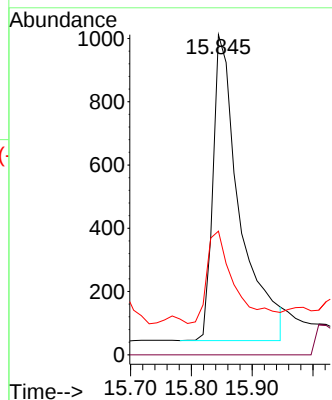
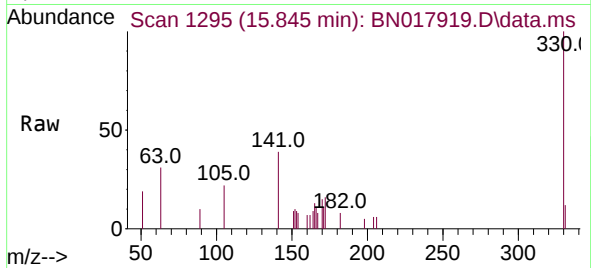




#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.845 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

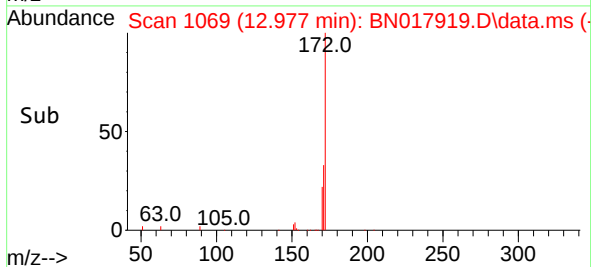
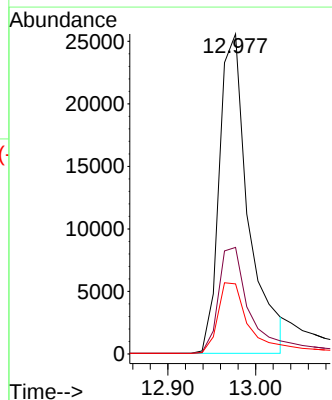
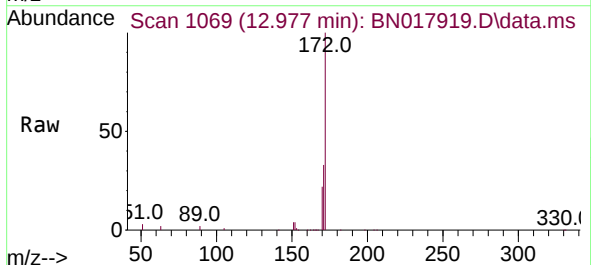
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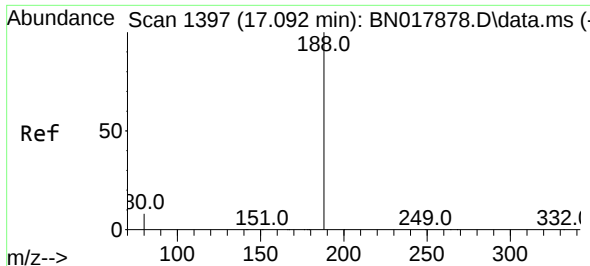
Tgt Ion: 330 Resp: 2965
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion: 172 Resp: 59012
Ion Ratio Lower Upper
172 100
171 33.3 28.3 42.5
170 21.9 19.1 28.7

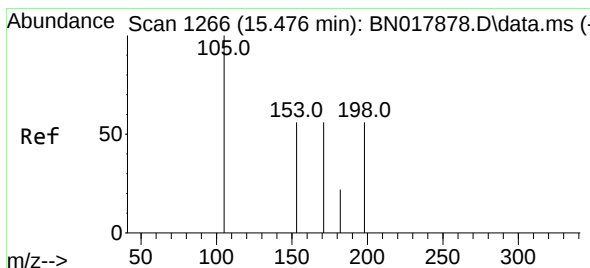
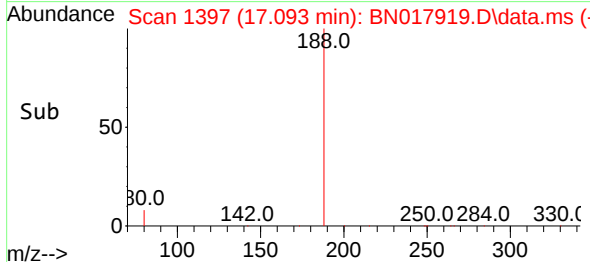
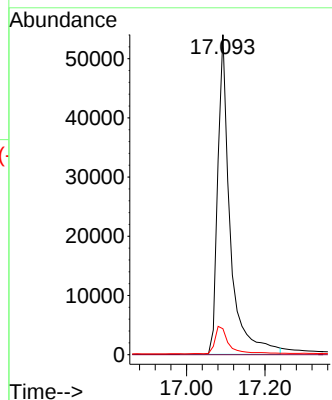
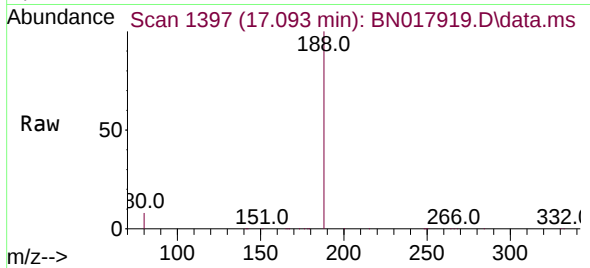




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

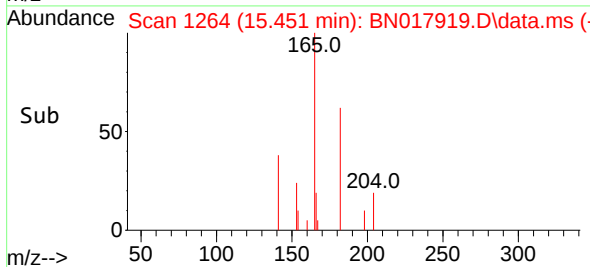
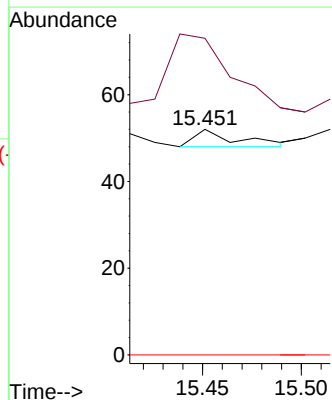
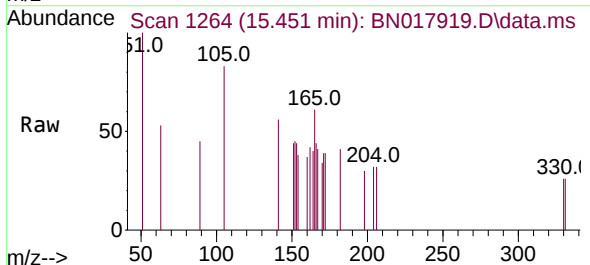
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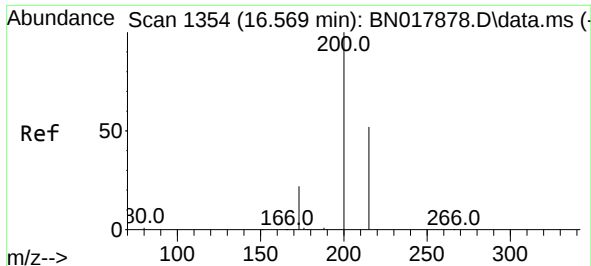
Tgt Ion:188 Resp: 117844
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 140.4 70.8 106.2#
77 0.0 0.0 0.0

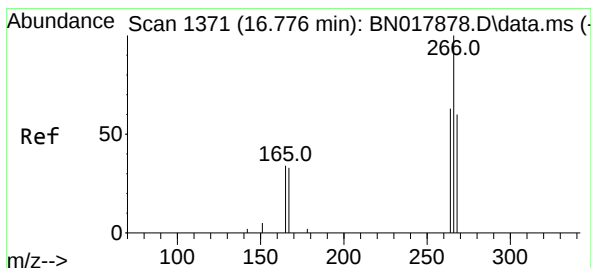
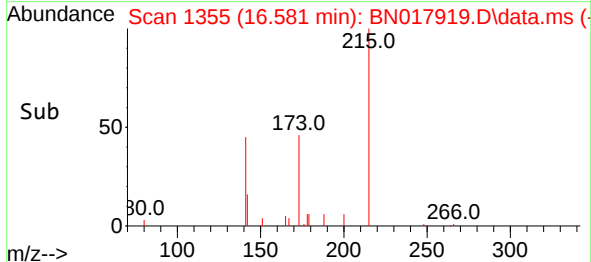
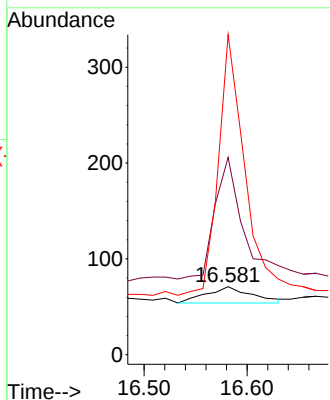
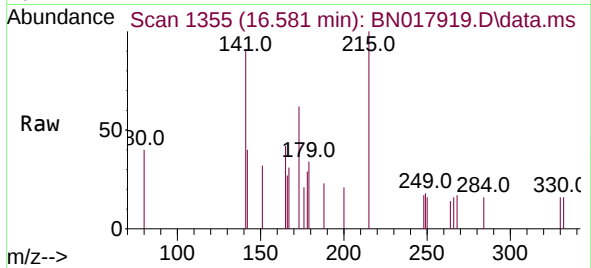




#23
Atrazine
Concen: 0.092 ng
RT: 16.581 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

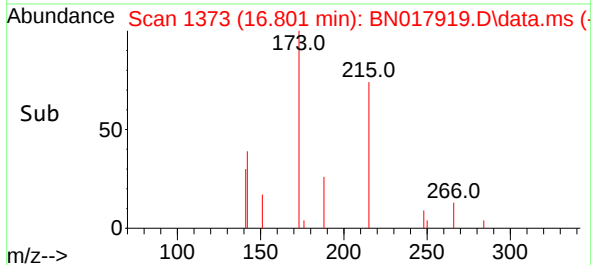
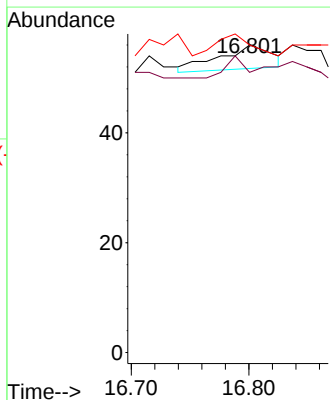
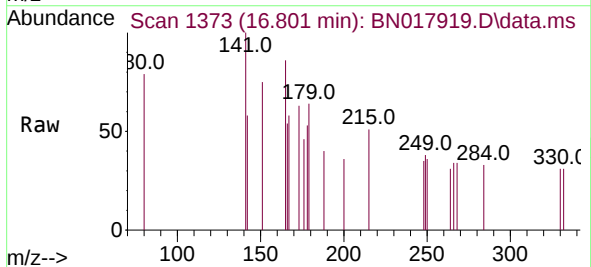
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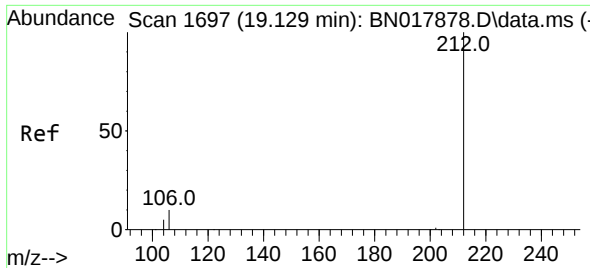
Tgt Ion:200 Resp: 52
Ion Ratio Lower Upper
200 100
173 290.1 18.2 27.2#
215 470.4 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.089 ng
RT: 16.801 min Scan# 1373
Delta R.T. 0.024 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
264 42.9 50.6 76.0#
268 57.1 53.7 80.5

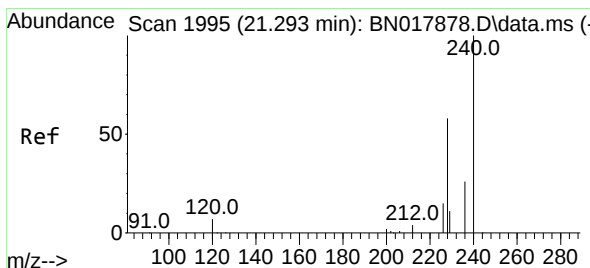
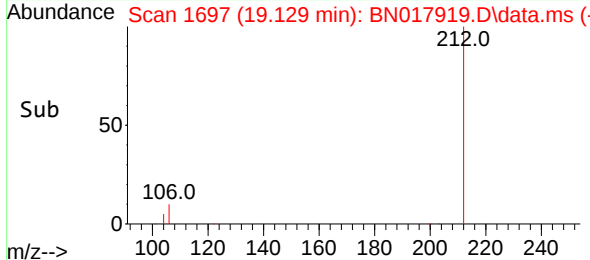
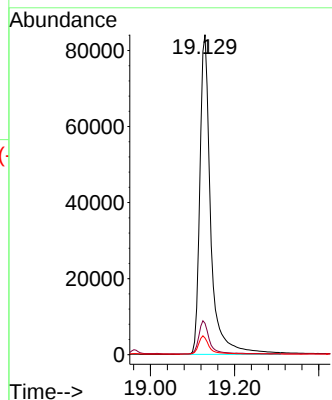
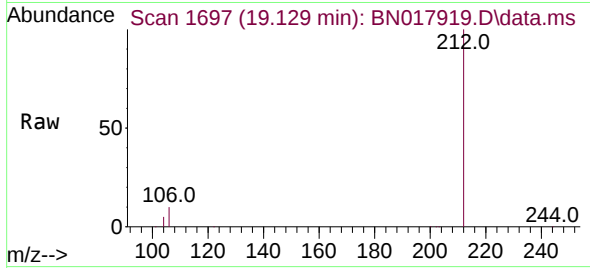




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.129 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

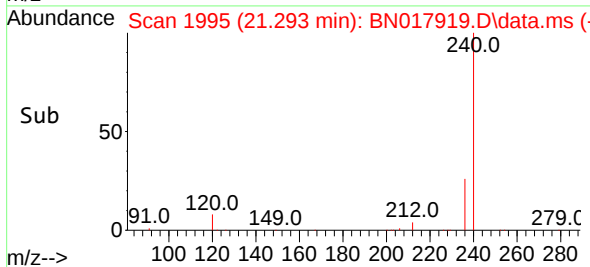
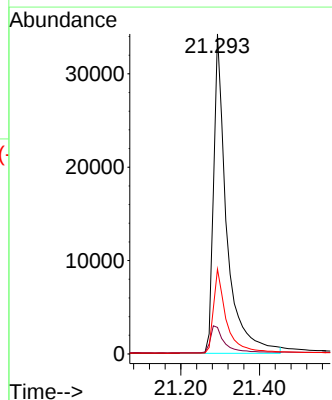
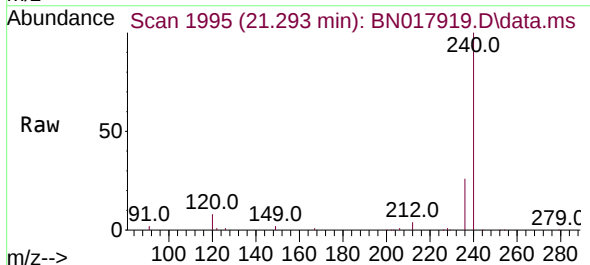
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202

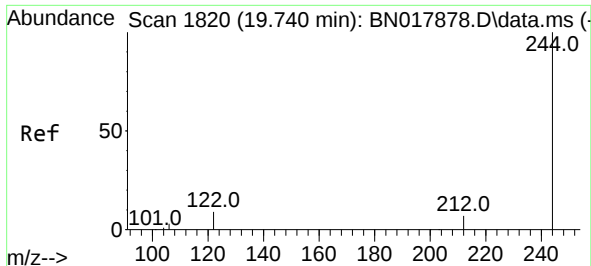
Tgt Ion:212 Resp: 151740
Ion Ratio Lower Upper
212 100
106 10.3 8.3 12.5
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

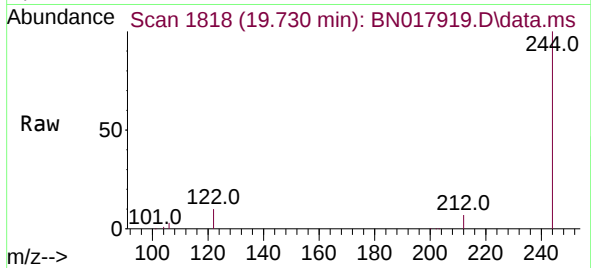
Tgt Ion:240 Resp: 78842
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.5 21.0 31.6



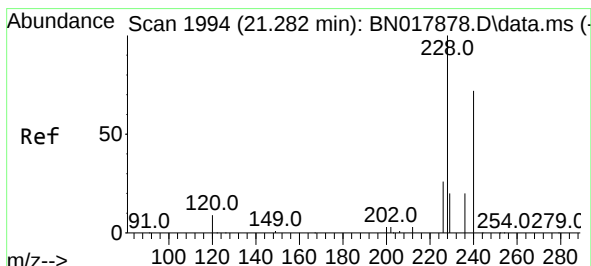
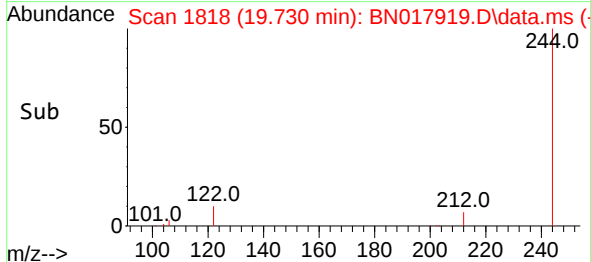
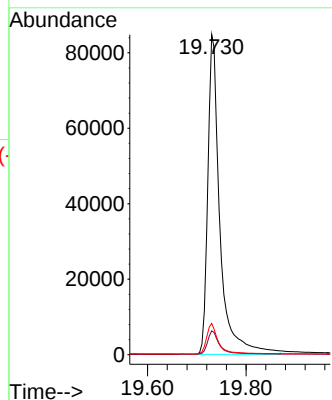


#31
 Terphenyl-d14
 Concen: 0.747 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202

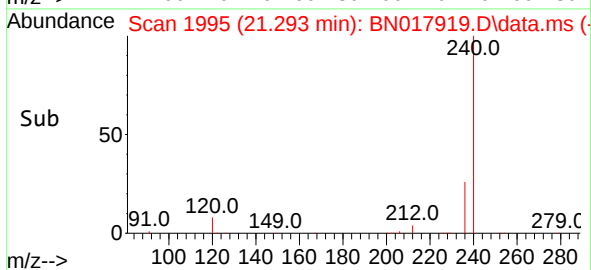
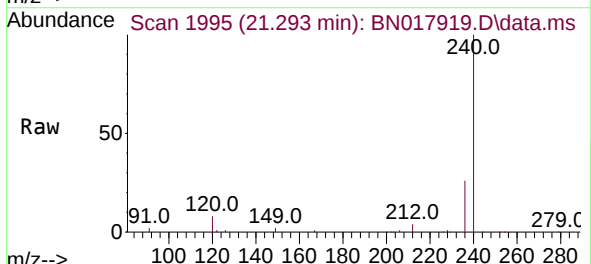
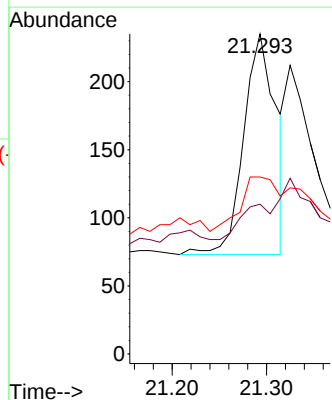


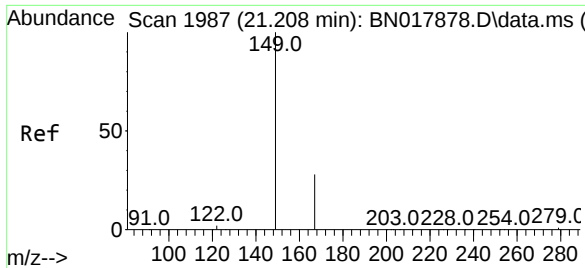
Tgt Ion:244 Resp: 145167
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.8 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.051 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

Tgt Ion:228 Resp: 388
 Ion Ratio Lower Upper
 228 100
 226 46.8 21.0 31.4#
 229 55.3 15.8 23.8#

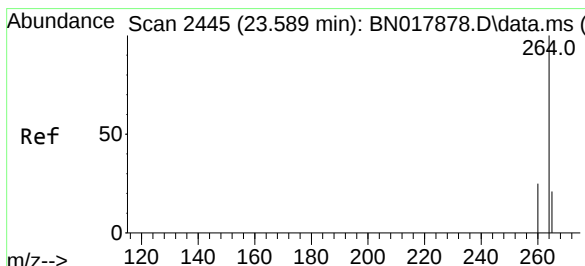
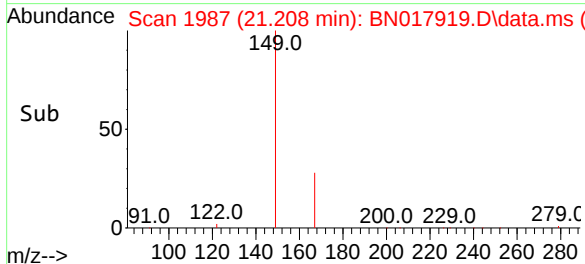
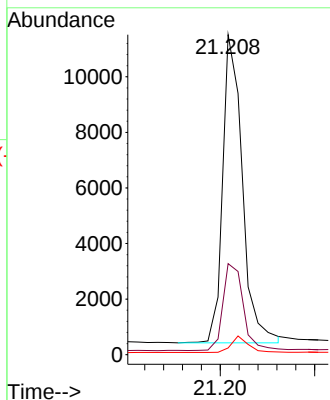
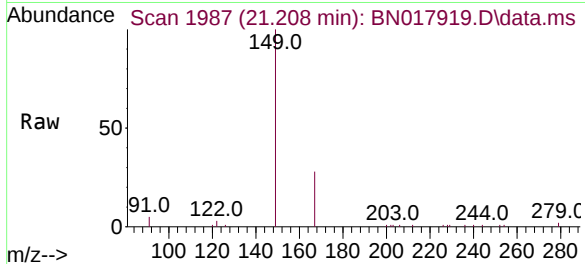




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.189 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

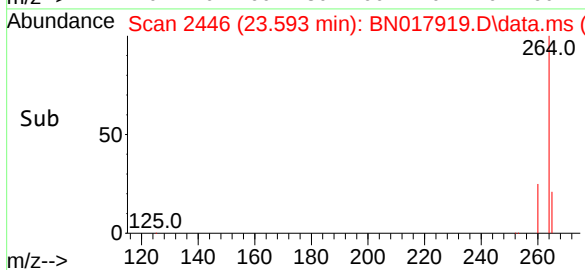
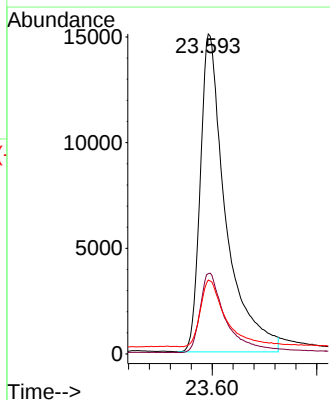
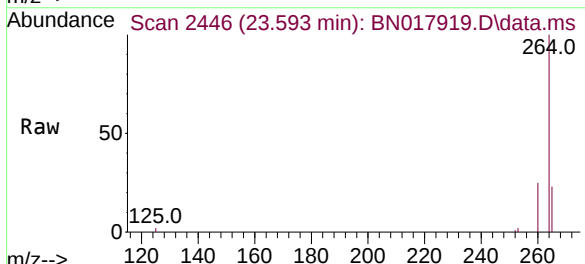
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202

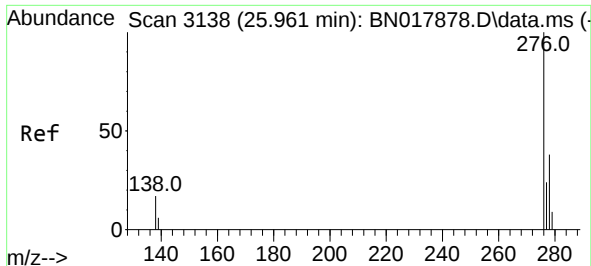
Tgt Ion:149	Resp:	16022
Ion Ratio	Lower	Upper
149	100	
167	29.5	23.4 35.0
279	4.7	3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.593 min Scan# 2446
 Delta R.T. 0.004 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

Tgt Ion:264	Resp:	50781
Ion Ratio	Lower	Upper
264	100	
260	25.1	20.2 30.4
265	23.1	18.2 27.4

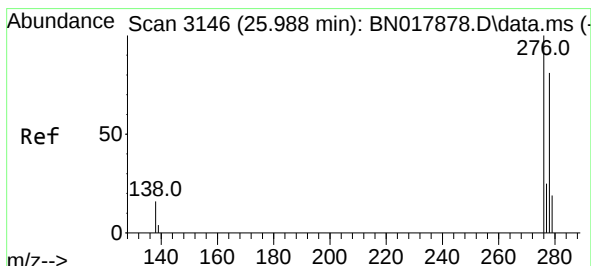
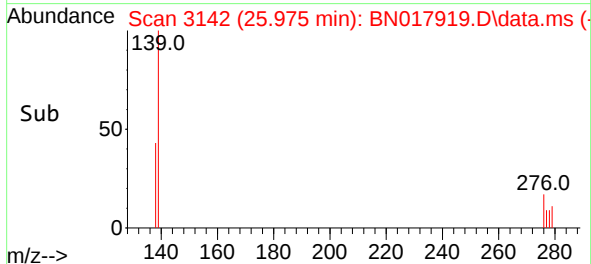
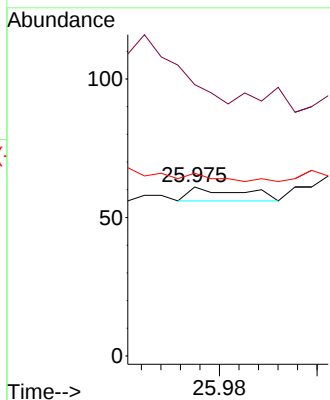
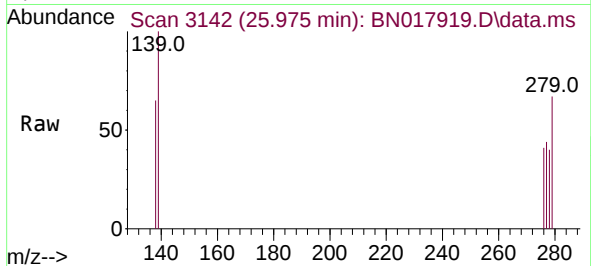




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.975 min Scan# 3138
 Delta R.T. 0.014 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202

Tgt Ion:276 Resp: 4
 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: 25.978 min Scan# 3143
 Delta R.T. -0.010 min
 Lab File: BN017919.D
 Acq: 12 Dec 2021 00:27

Tgt Ion:278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 247.5 12.0 18.0#
 279 170.5 20.8 31.2#

