

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017926.D
 Acq On : 12 Dec 2021 04:41
 Operator : CG/JU
 Sample : M4956-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20211204

Quant Time: Dec 13 00:02:54 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)

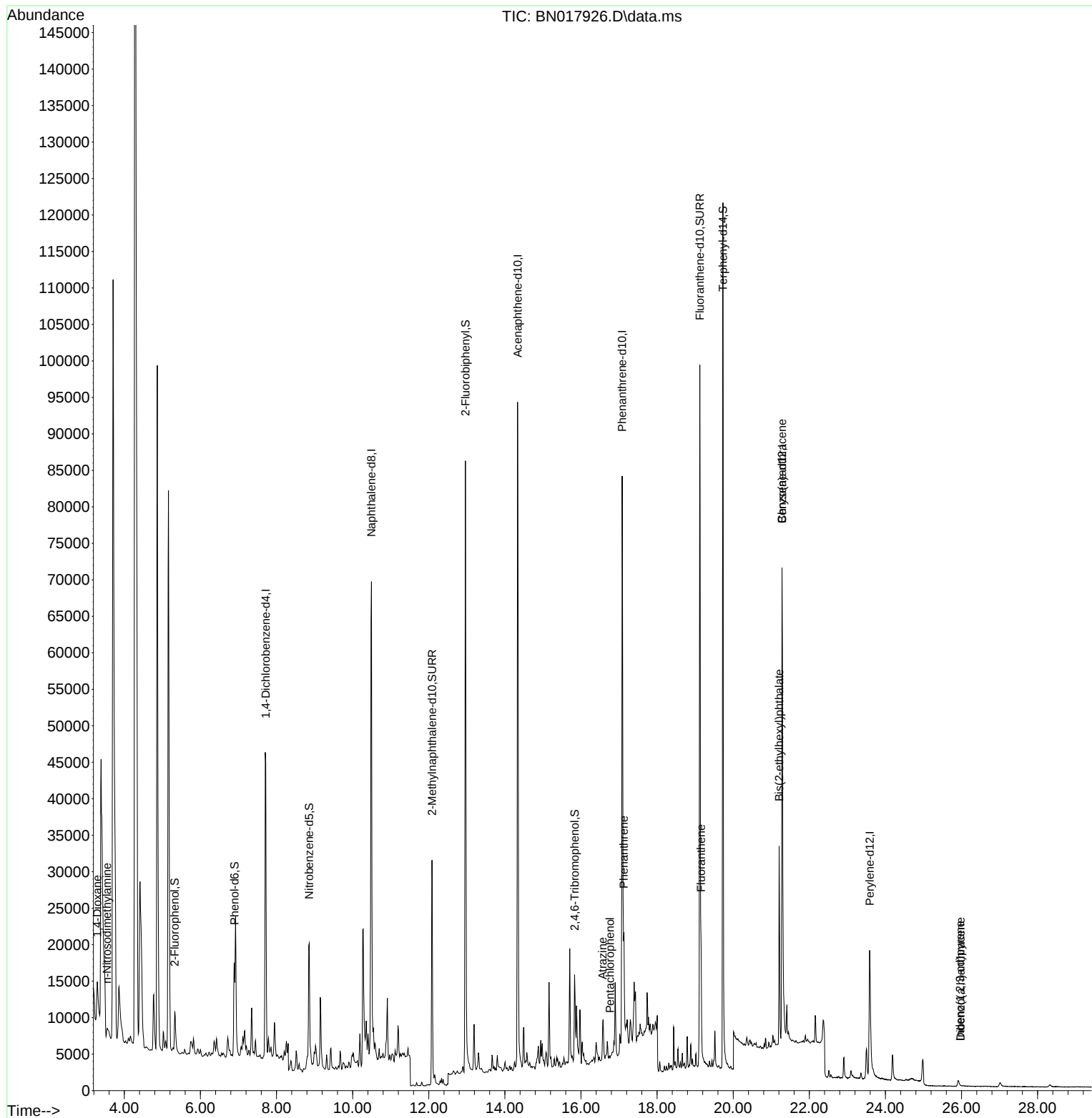
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	24220	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101546	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	57956	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	135696	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	89447	0.400	ng	#-0.01
35) Perylene-d12	23.586	264	34525	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	6579	0.132	ng	0.00
5) Phenol-d6	6.894	99	3922	0.079	ng	0.00
8) Nitrobenzene-d5	8.859	82	18778	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	46927	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	13594	0.762	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	77899	0.382	ng	0.00
27) Fluoranthene-d10	19.124	212	128275	0.292	ng	0.00
31) Terphenyl-d14	19.730	244	143472	0.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	4022	0.547	ng	94
3) n-Nitrosodimethylamine	3.547	42	519	0.023	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.451	198	23	Below Cal		# 1
23) Atrazine	16.569	200	206	0.094	ng	# 1
24) Pentachlorophenol	16.764	266	183	0.167	ng	# 80
25) Phenanthrene	17.129	178	14680	0.042	ng	# 95
28) Fluoranthene	19.154	202	12170	0.029	ng	# 97
32) Benzo(a)anthracene	21.282	228	911	0.053	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.208	149	25740	0.268	ng	99
36) Indeno(1,2,3-cd)pyrene	25.965	276	3	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.975	278	3	0.101	ng	# 1

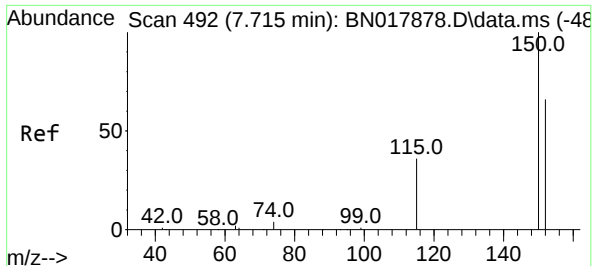
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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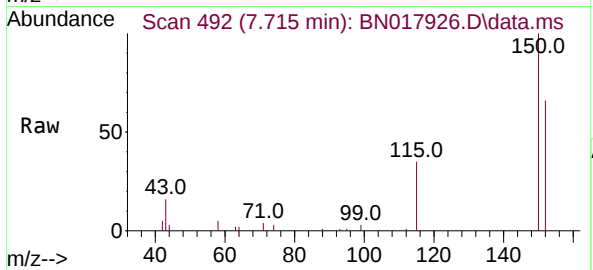
Quant Time: Dec 13 00:02:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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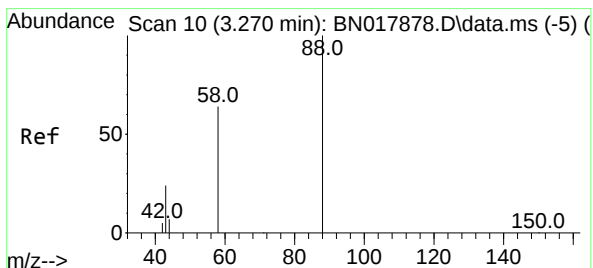
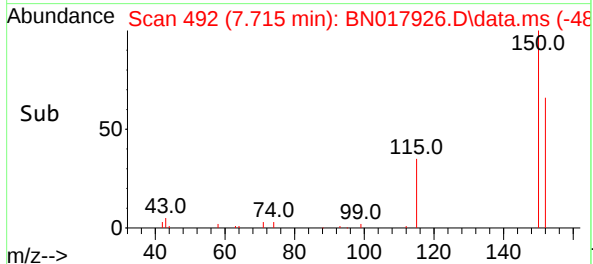
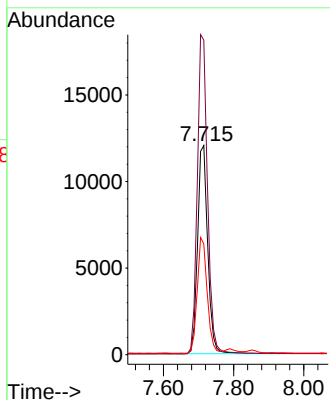


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41

Instrument :
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 RE123D3-20211204

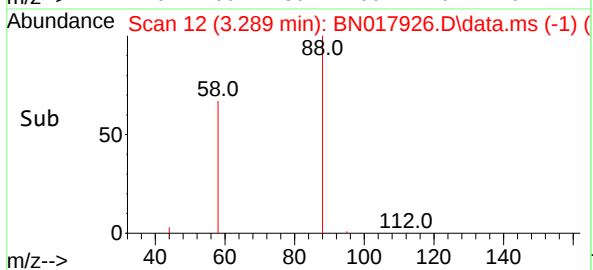
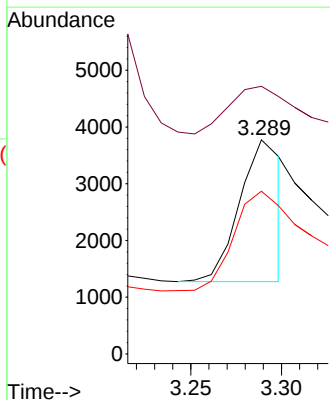
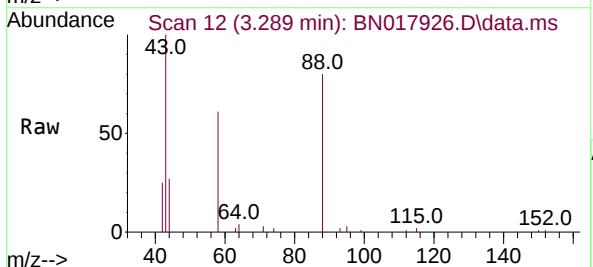


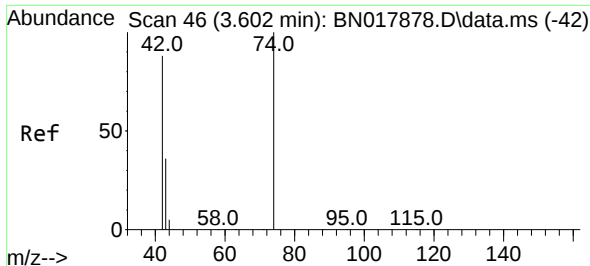
Tgt Ion:152 Resp: 24220
 Ion Ratio Lower Upper
 152 100
 150 150.4 121.9 182.9
 115 53.0 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.547 ng
 RT: 3.289 min Scan# 12
 Delta R.T. 0.019 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41

Tgt Ion: 88 Resp: 4022
 Ion Ratio Lower Upper
 88 100
 43 40.5 28.0 42.0
 58 78.1 65.4 98.0

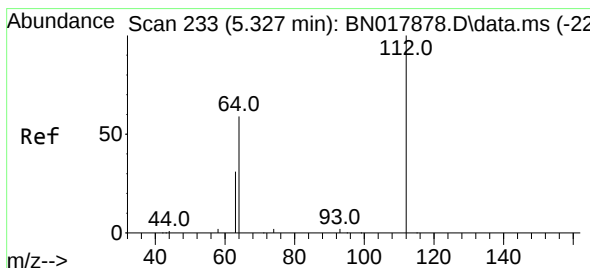
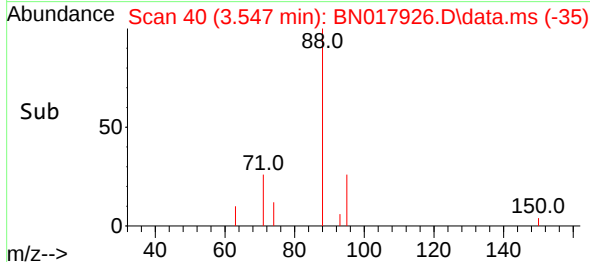
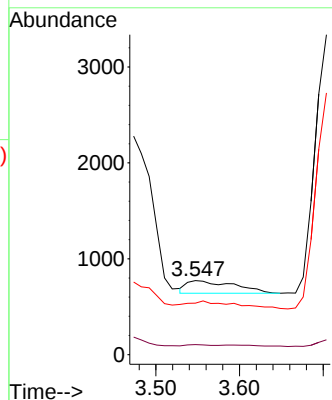
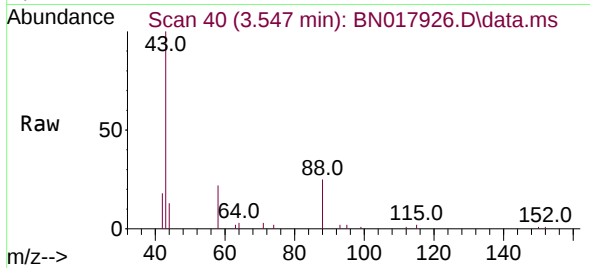




#3
 n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.547 min Scan# 40
 Delta R.T. -0.055 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41

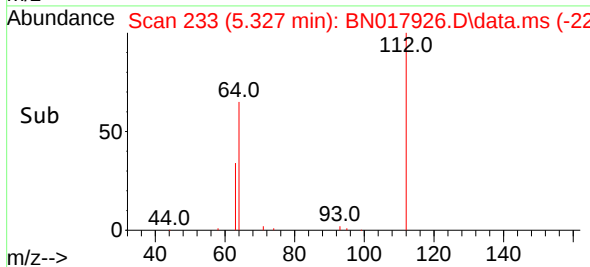
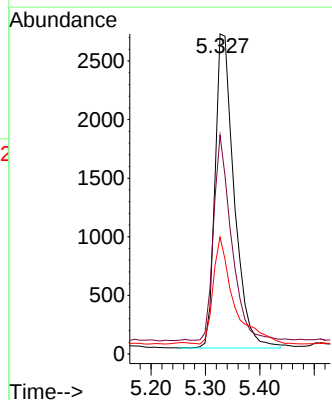
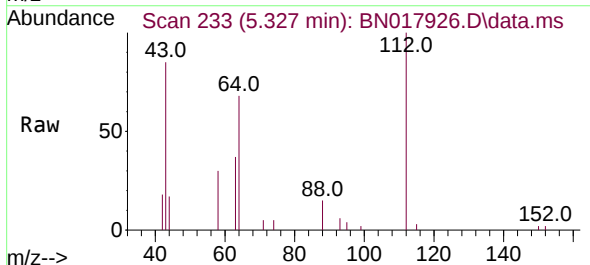
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20211204

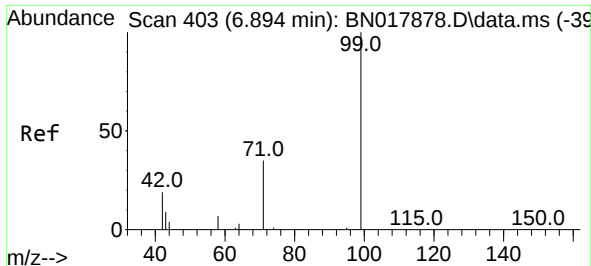
Tgt Ion: 42 Resp: 519
 Ion Ratio Lower Upper
 42 100
 74 4.6 100.6 150.8#
 44 60.7 5.2 7.8#



#4
 2-Fluorophenol
 Concen: 0.132 ng
 RT: 5.327 min Scan# 233
 Delta R.T. 0.000 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41

Tgt Ion: 112 Resp: 6579
 Ion Ratio Lower Upper
 112 100
 64 60.9 49.0 73.4
 63 35.5 26.2 39.2

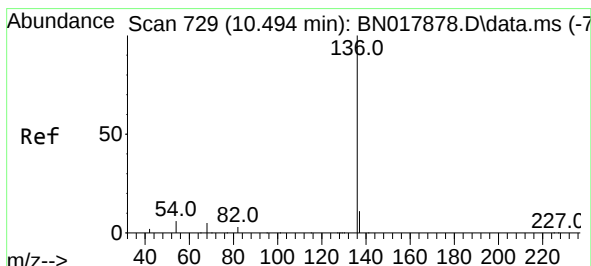
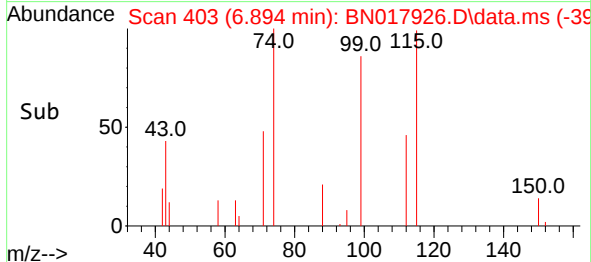
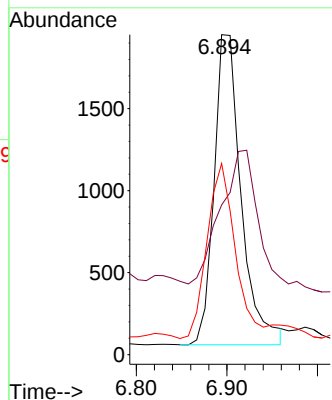
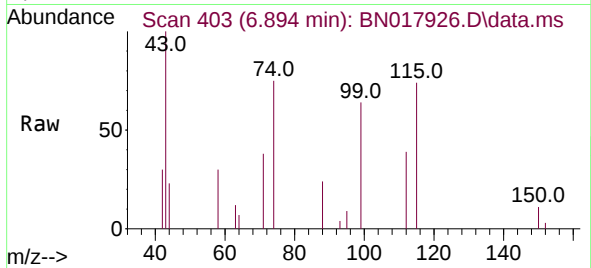




#5
Phenol-d6
Concen: 0.079 ng
RT: 6.894 min Scan# 403
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

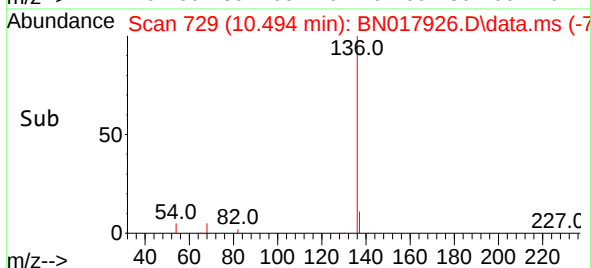
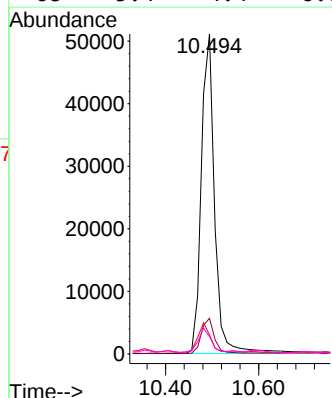
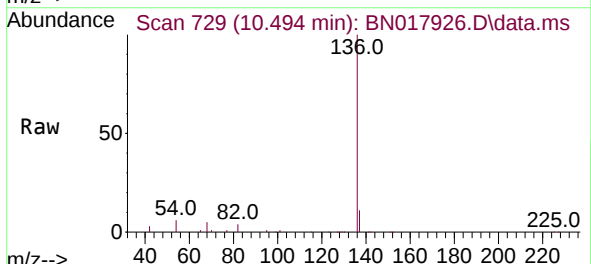
Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204

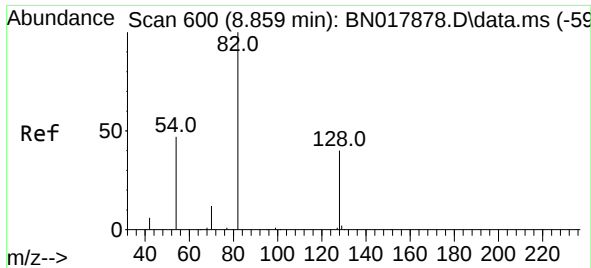
Tgt Ion: 99 Resp: 3922
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.4#
71 61.0 28.0 42.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

Tgt Ion: 136 Resp: 101546
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.0 5.1 7.7
68 5.4 4.4 6.6

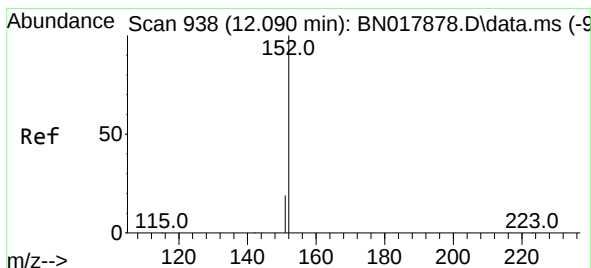
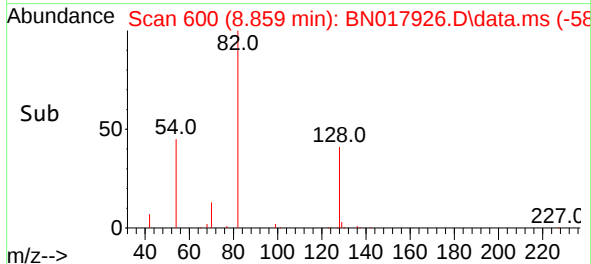
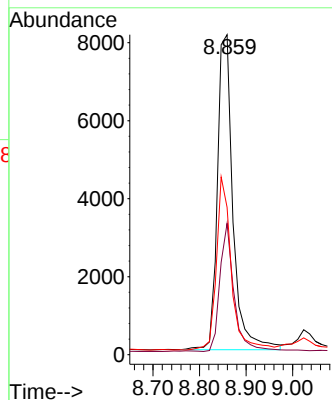
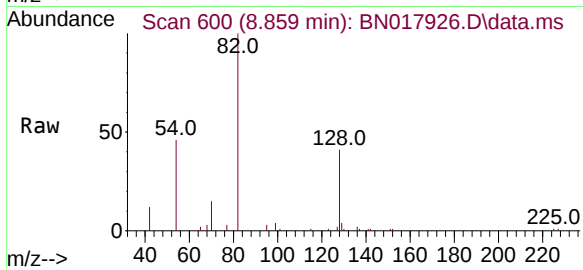




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

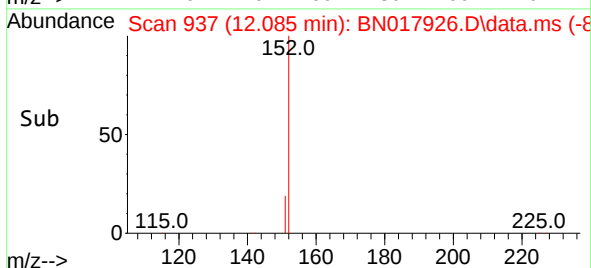
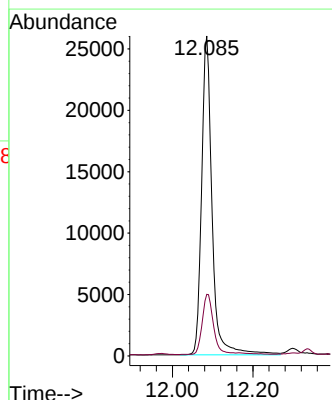
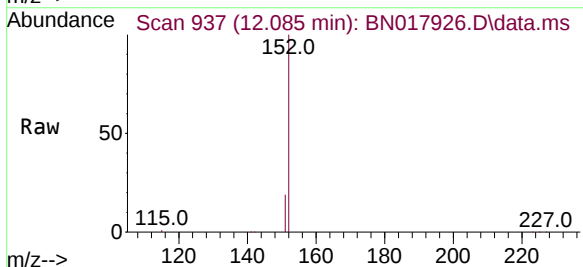
Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204

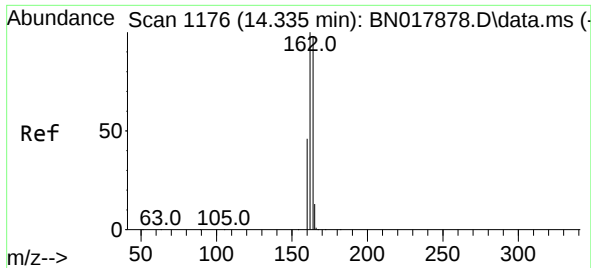
Tgt Ion: 82 Resp: 18778
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 46.0 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.085 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

Tgt Ion: 152 Resp: 46927
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6

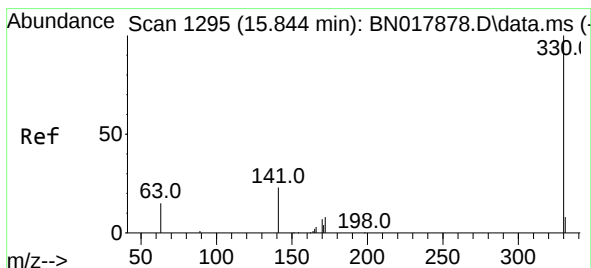
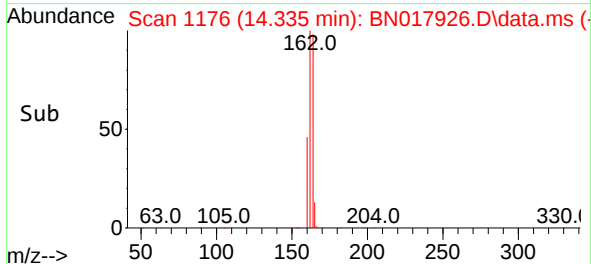
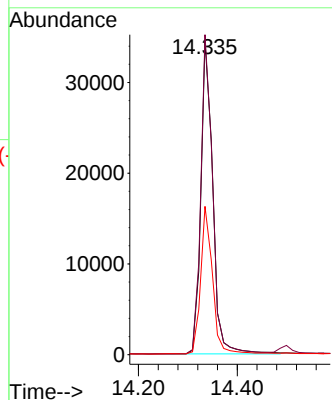
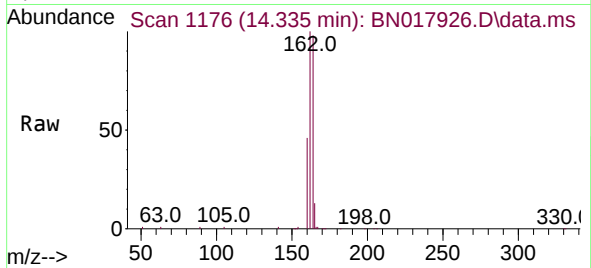




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

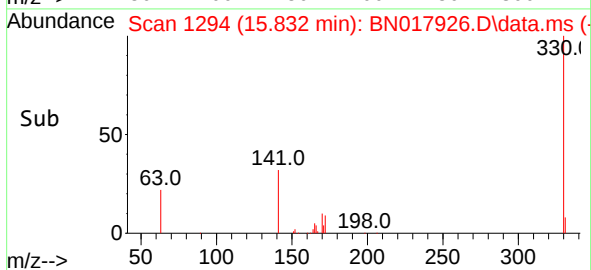
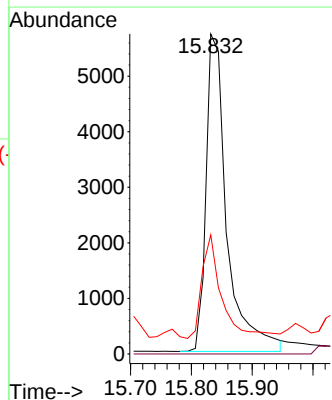
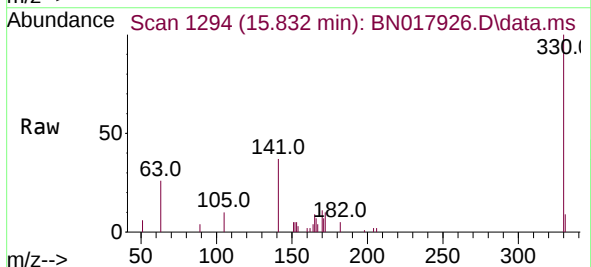
Instrument :
BNA_N
ClientSampleId :
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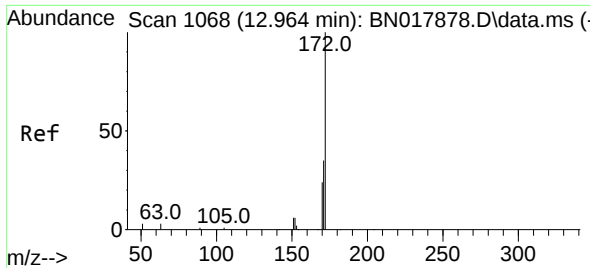
Tgt Ion:164 Resp: 57956
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 47.3 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.762 ng
RT: 15.832 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

Tgt Ion:330 Resp: 13594
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 19.7 29.5#

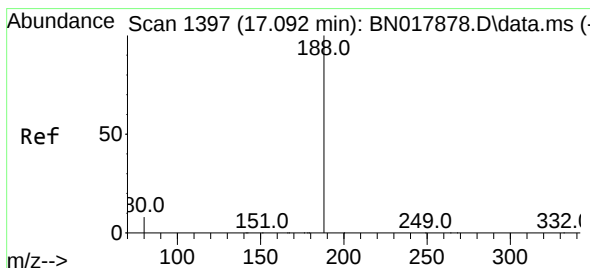
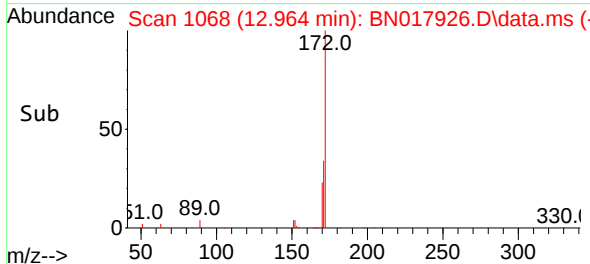
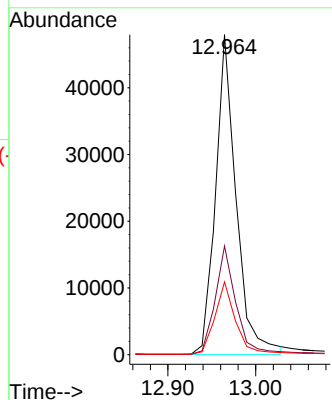
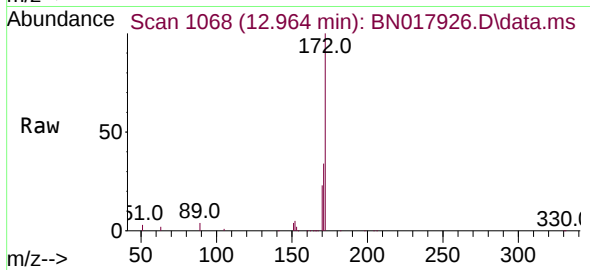




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

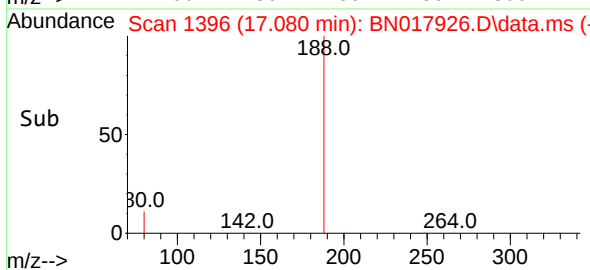
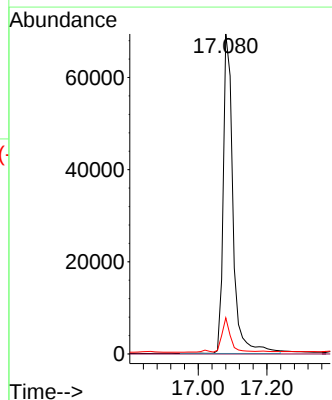
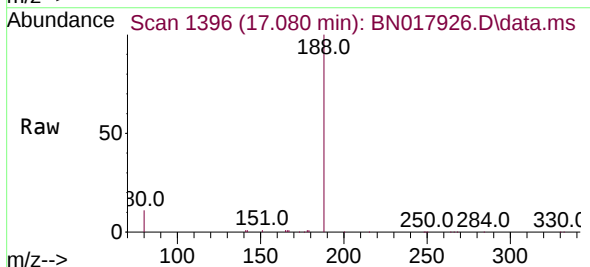
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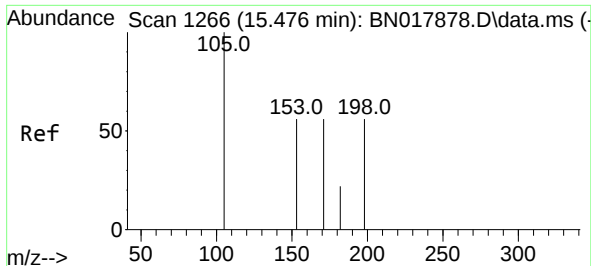
Tgt Ion:	172	Resp:	77899
Ion Ratio	Lower	Upper	
172	100		
171	33.9	28.3	42.5
170	22.8	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

Tgt Ion:	188	Resp:	135696
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	6.2	9.2





#20

4,6-Dinitro-2-methylphenol

Concen: Below Cal

RT: 15.451 min Scan# 11

Delta R.T. -0.025 min

Lab File: BN017926.D

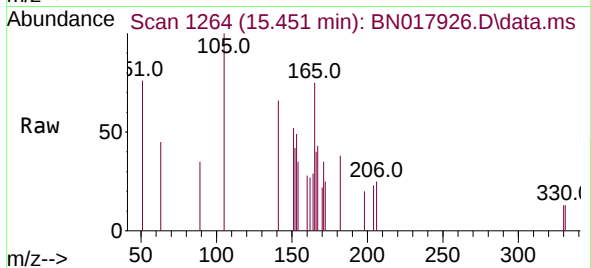
Acq: 12 Dec 2021 04:41

Instrument :

BNA_N

ClientSampleId :

RE123D3-20211204



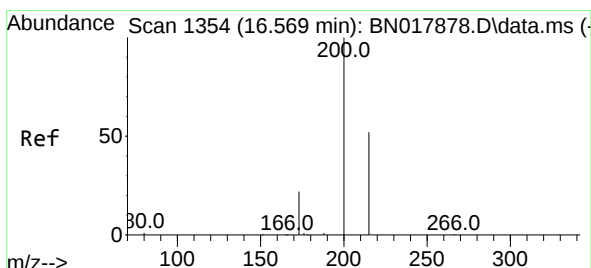
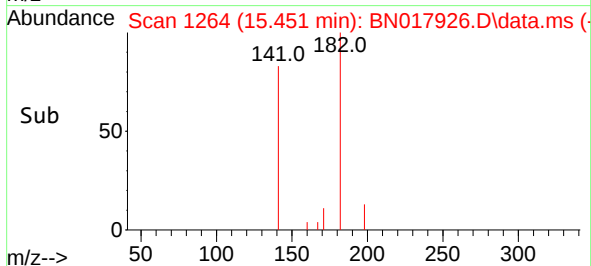
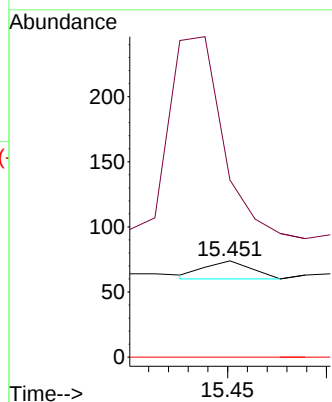
Tgt Ion:198 Resp: 23

Ion Ratio Lower Upper

198 100

182 183.8 70.8 106.2#

77 0.0 0.0 0.0



#23

Atrazine

Concen: 0.094 ng

RT: 16.569 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BN017926.D

Acq: 12 Dec 2021 04:41

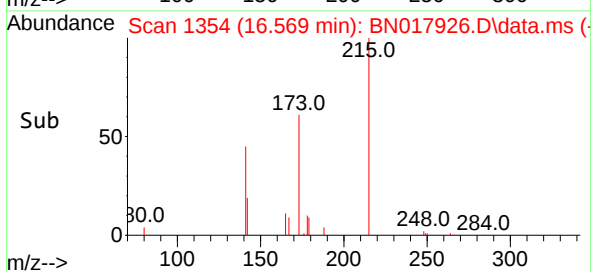
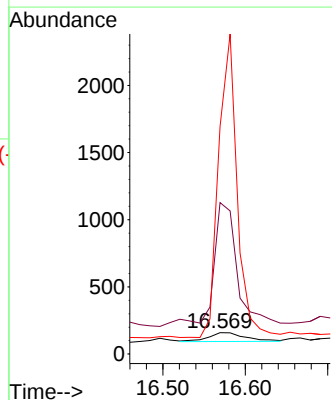
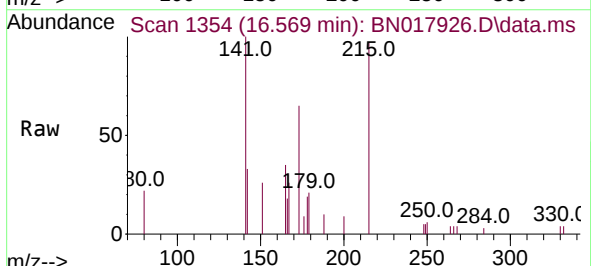
Tgt Ion:200 Resp: 206

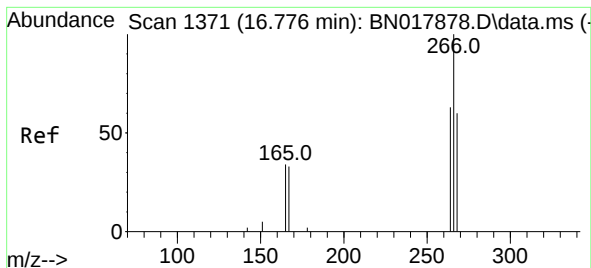
Ion Ratio Lower Upper

200 100

173 708.8 18.2 27.2#

215 1064.2 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.167 ng

RT: 16.764 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN017926.D

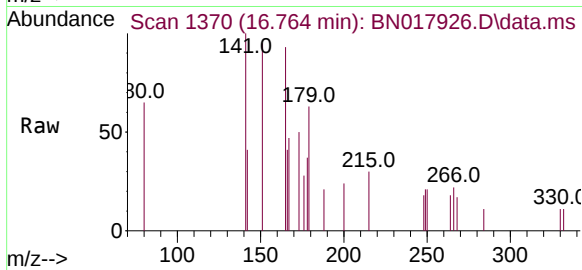
Acq: 12 Dec 2021 04:41

Instrument :

BNA_N

ClientSampleId :

RE123D3-20211204



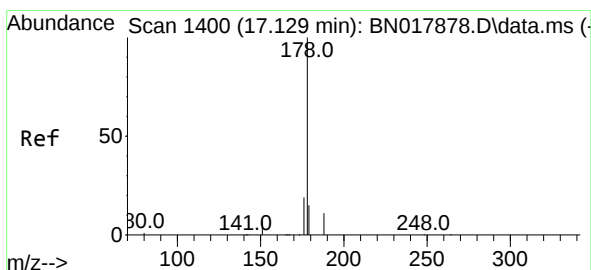
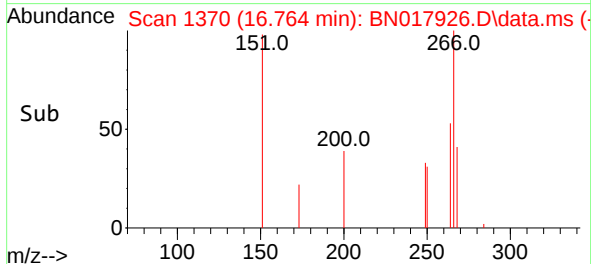
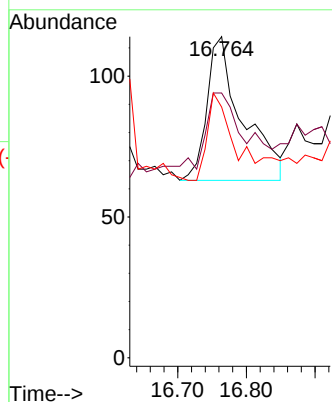
Tgt Ion:266 Resp: 183

Ion Ratio Lower Upper

266 100

264 52.5 50.6 76.0

268 46.4 53.7 80.5#



#25

Phenanthrene

Concen: 0.042 ng

RT: 17.129 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BN017926.D

Acq: 12 Dec 2021 04:41

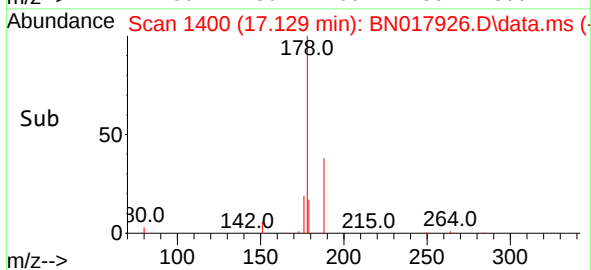
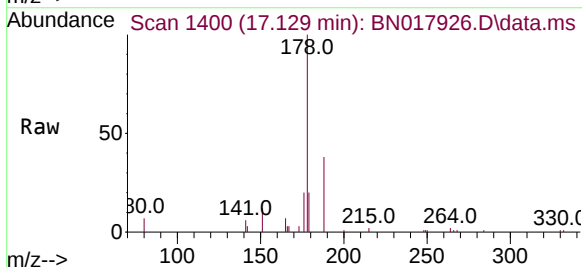
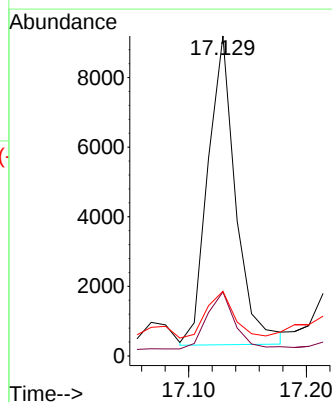
Tgt Ion:178 Resp: 14680

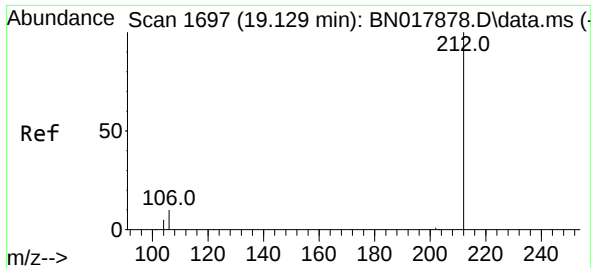
Ion Ratio Lower Upper

178 100

176 22.9 15.0 22.6#

179 15.7 12.4 18.6





#27

Fluoranthene-d10

Concen: 0.292 ng

RT: 19.124 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN017926.D

Acq: 12 Dec 2021 04:41

Instrument :

BNA_N

ClientSampleId :

RE123D3-20211204

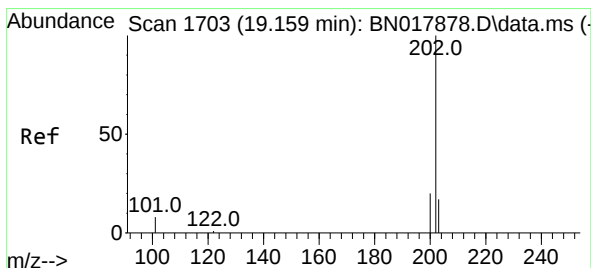
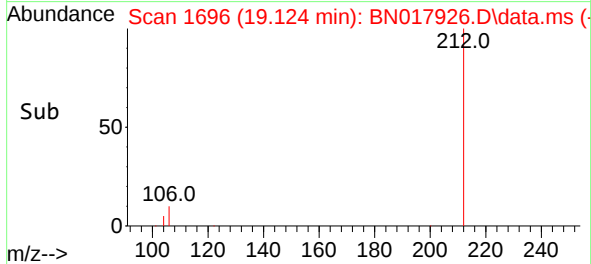
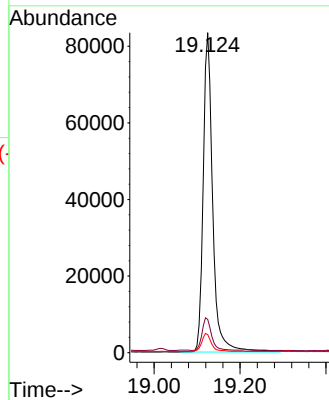
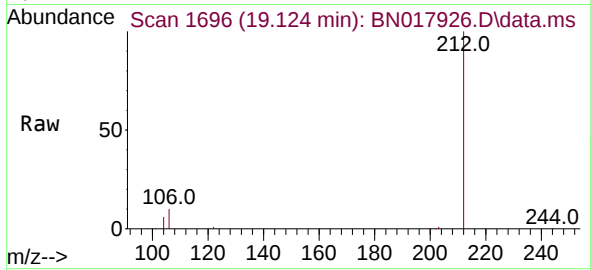
Tgt Ion:212 Resp: 128275

Ion Ratio Lower Upper

212 100

106 10.1 8.3 12.5

104 5.8 4.6 6.8



#28

Fluoranthene

Concen: 0.029 ng

RT: 19.154 min Scan# 1702

Delta R.T. -0.005 min

Lab File: BN017926.D

Acq: 12 Dec 2021 04:41

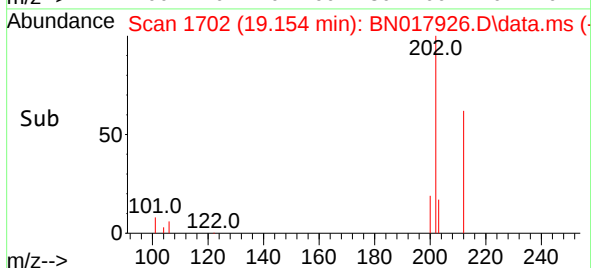
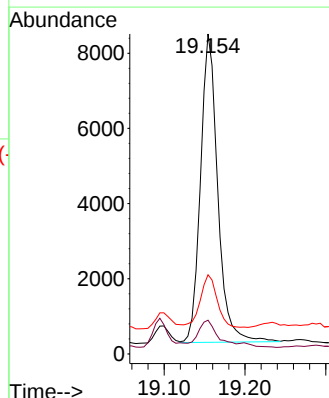
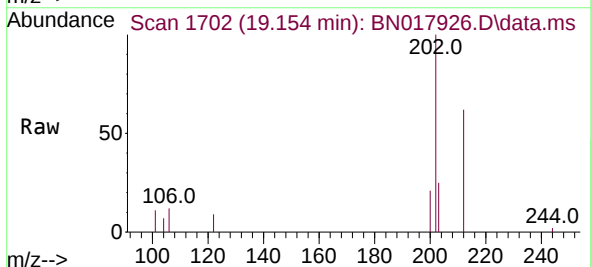
Tgt Ion:202 Resp: 12170

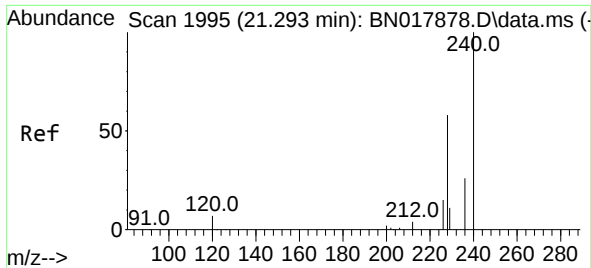
Ion Ratio Lower Upper

202 100

101 11.1 7.3 10.9#

203 16.7 13.7 20.5

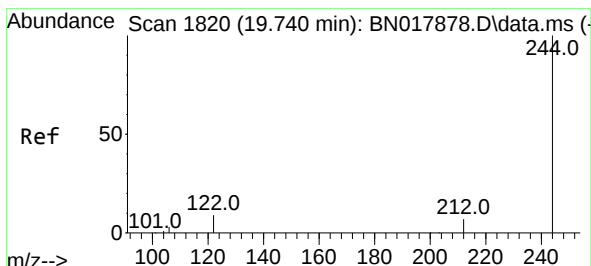
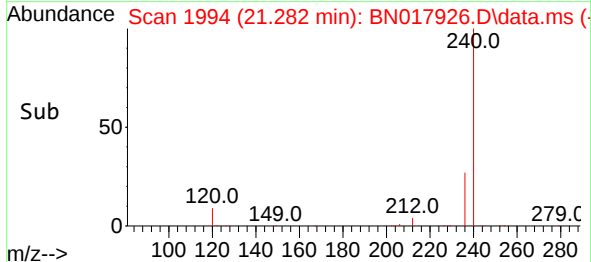
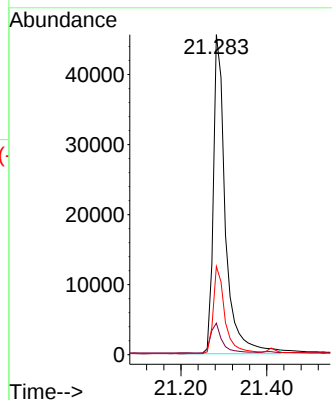
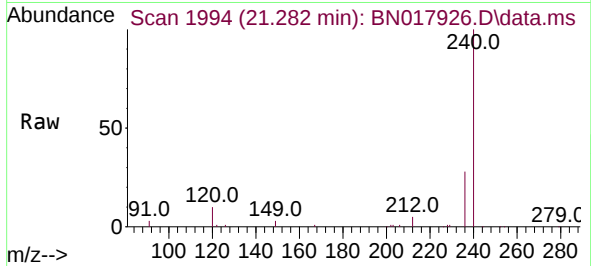




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

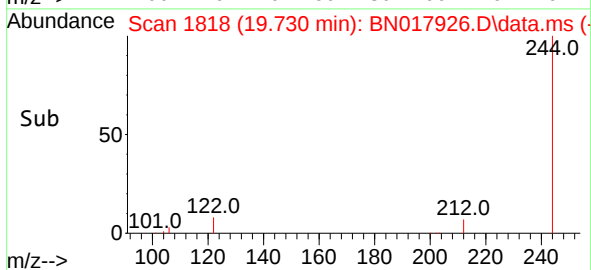
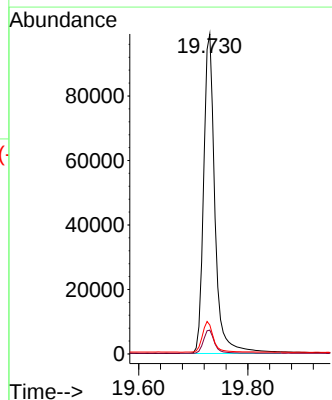
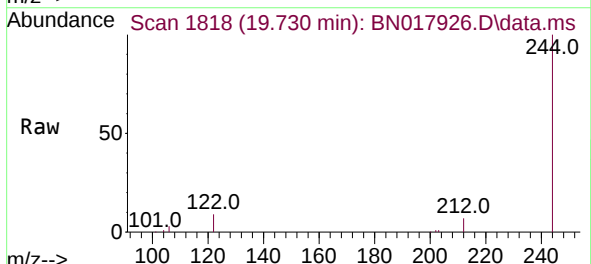
Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204

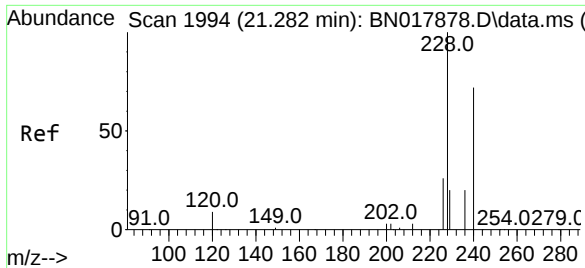
Tgt Ion:240 Resp: 89447
Ion Ratio Lower Upper
240 100
120 9.8 5.8 8.8#
236 27.6 21.0 31.6



#31
Terphenyl-d14
Concen: 0.651 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

Tgt Ion:244 Resp: 143472
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.1 7.5 11.3

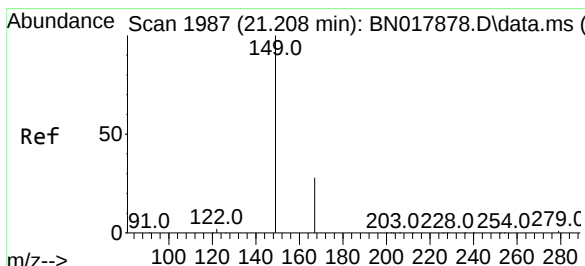
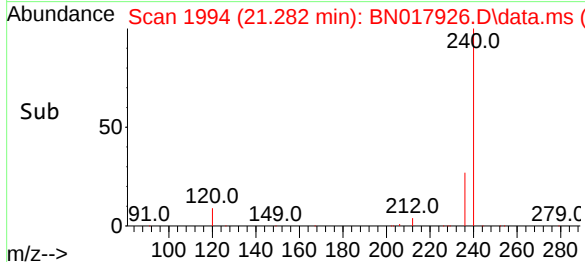
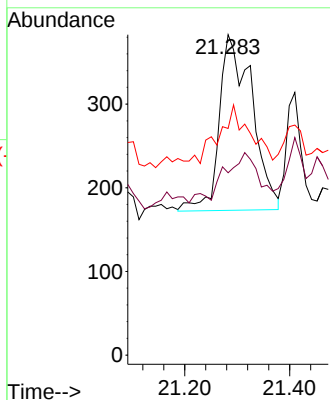
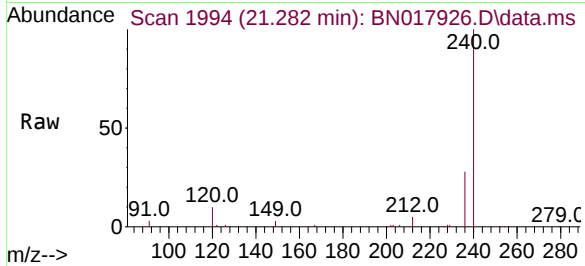




#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.282 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

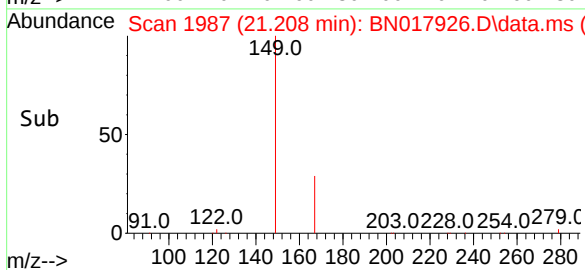
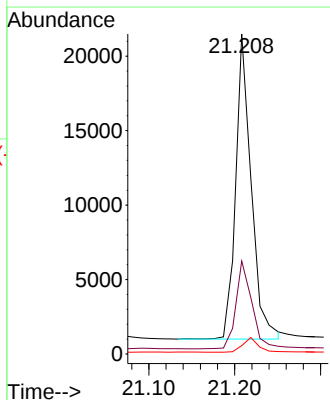
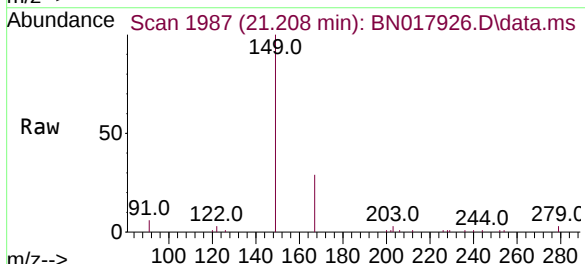
Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204

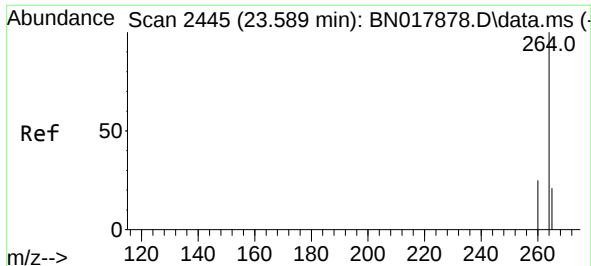
Tgt Ion:228 Resp: 911
Ion Ratio Lower Upper
228 100
226 56.9 21.0 31.4#
229 70.8 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.268 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

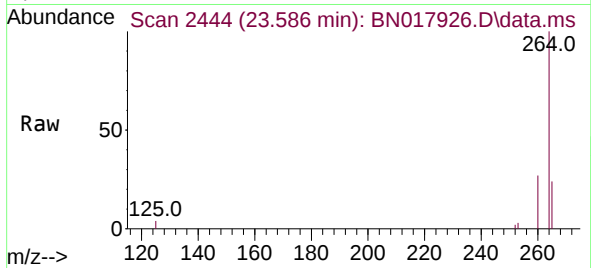
Tgt Ion:149 Resp: 25740
Ion Ratio Lower Upper
149 100
167 29.6 23.4 35.0
279 4.7 3.6 5.4



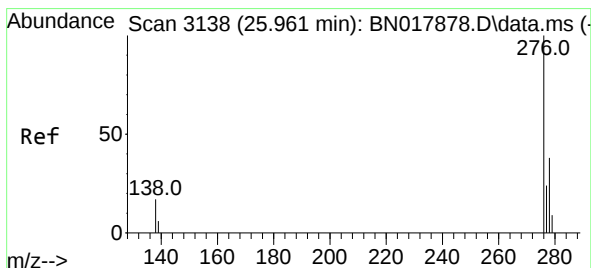
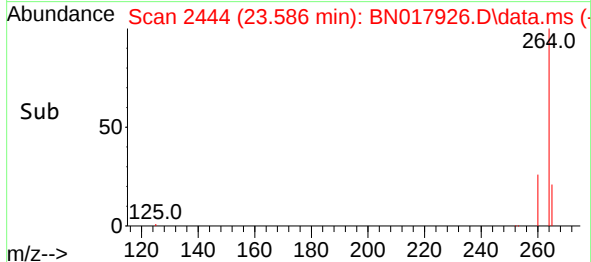
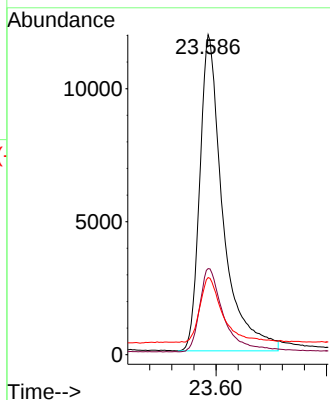


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2444
 Delta R.T. -0.003 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20211204

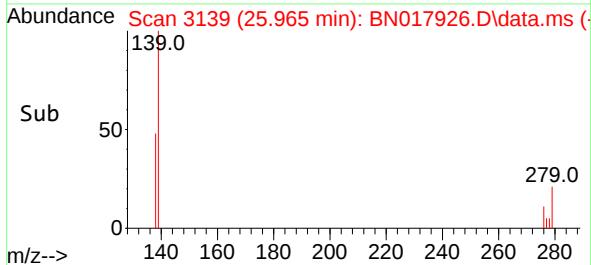
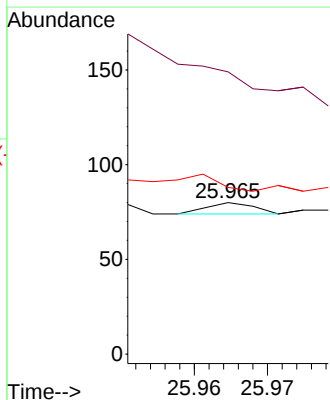
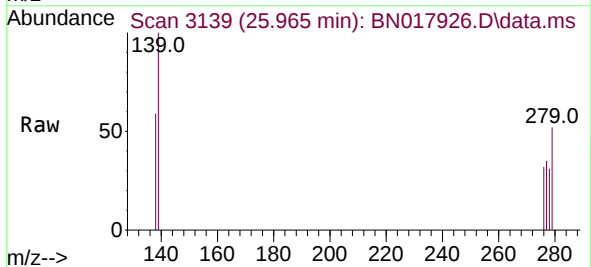


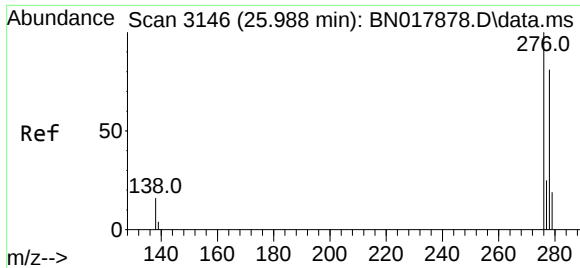
Tgt Ion:264 Resp: 34525
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.2 30.4
 265 24.1 18.2 27.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.965 min Scan# 3139
 Delta R.T. 0.004 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41

Tgt Ion:276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 300.0 19.8 29.6#





#40

Dibenzo(a,h)anthracene

Concen: 0.101 ng

RT: 25.975 min Scan# 31

Delta R.T. -0.013 min

Lab File: BN017926.D

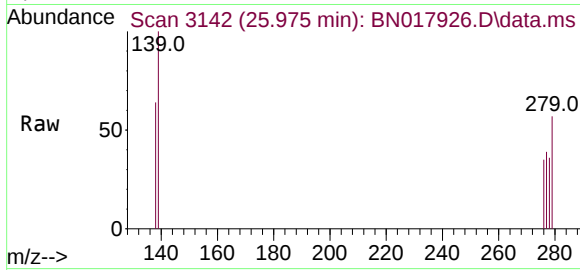
Acq: 12 Dec 2021 04:41

Instrument :

BNA_N

ClientSampleId :

RE123D3-20211204



Tgt Ion:278 Resp: 3

Ion Ratio Lower Upper

278 100

139 277.2 12.0 18.0#

279 158.2 20.8 31.2#

