

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
 Data File : BN021722.D
 Acq On : 12 Sep 2022 19:31
 Operator : CG/JU
 Sample : SP6009
 Misc : 8270 SIM SURROGATE
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6009

Quant Time: Sep 13 03:15:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 02:32:27 2022
 Response via : Initial Calibration

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

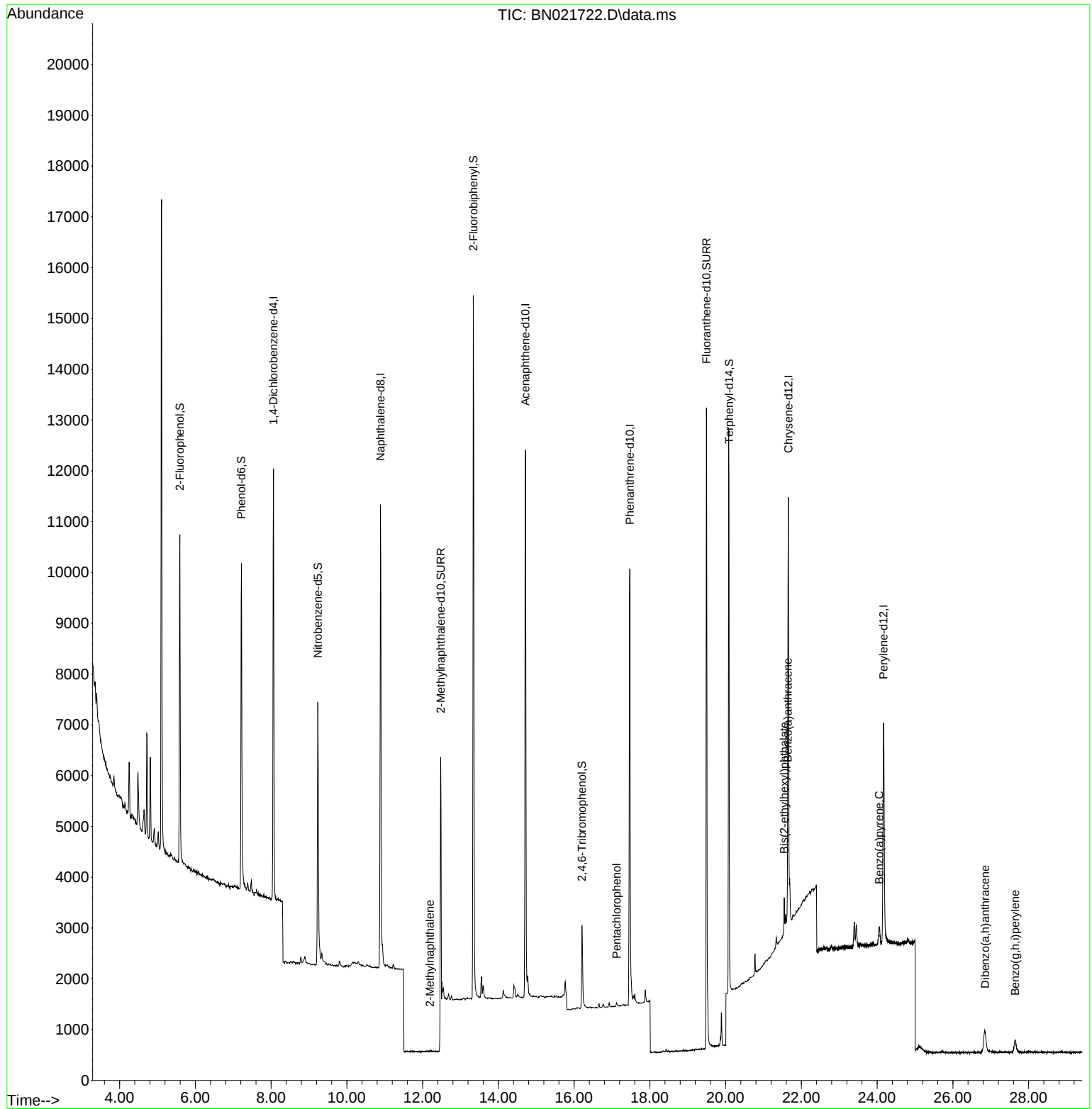
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	4213	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	12868	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	7085	0.400	ng	0.01
19) Phenanthrene-d10	17.470	188	13444	0.400	ng	0.01
29) Chrysene-d12	21.655	240	8285	0.400	ng	# 0.00
35) Perylene-d12	24.167	264	7058	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	5539	0.672	ng	0.00
5) Phenol-d6	7.217	99	7154	0.681	ng	0.00
8) Nitrobenzene-d5	9.233	82	4874	0.561	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	13887	0.479	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1079	0.464	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	13448	0.434	ng	0.00
27) Fluoranthene-d10	19.493	212	14310	0.414	ng	0.00
31) Terphenyl-d14	20.088	244	10540	0.566	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.191	142	14	0.129	ng	# 1
24) Pentachlorophenol	17.121	266	47	0.217	ng	95
32) Benzo(a)anthracene	21.637	228	635	0.022	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.548	149	812	0.070	ng	# 91
39) Benzo(a)pyrene	24.056	252	565	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	26.851	278	575	0.022	ng	# 1
41) Benzo(g,h,i)perylene	27.641	276	631	0.022	ng	# 34

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

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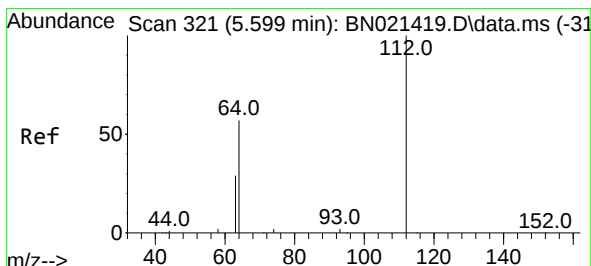
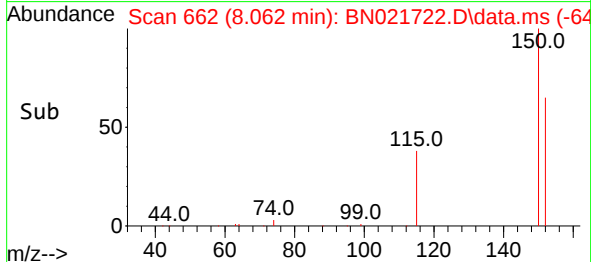
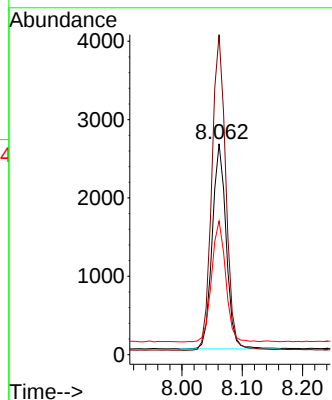
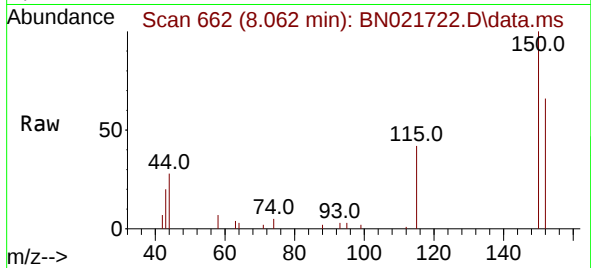




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

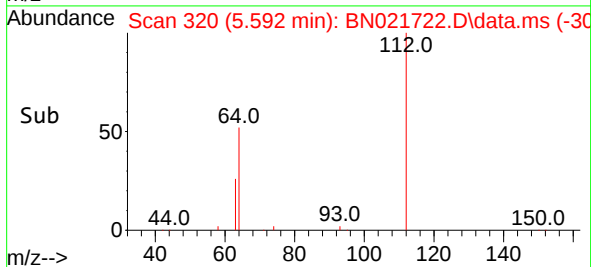
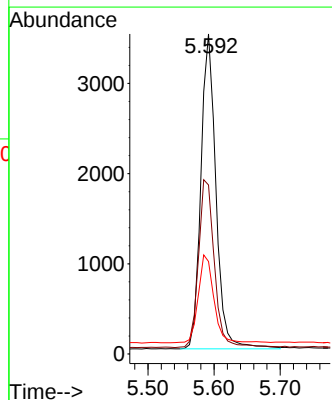
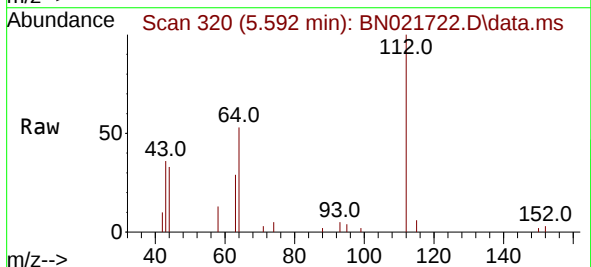
Instrument :
BNA_N
ClientSampleId :
SP6009

Tgt Ion:152 Resp: 4213
Ion Ratio Lower Upper
152 100
150 151.8 121.4 182.0
115 63.5 48.6 72.8



#4
2-Fluorophenol
Concen: 0.672 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:112 Resp: 5539
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 28.5 22.6 34.0

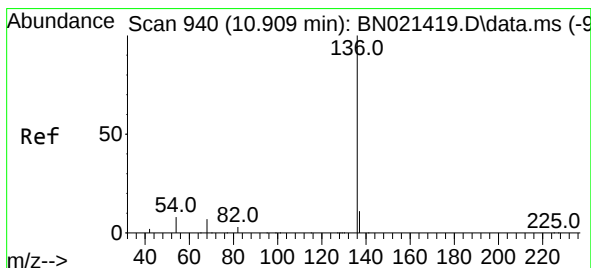
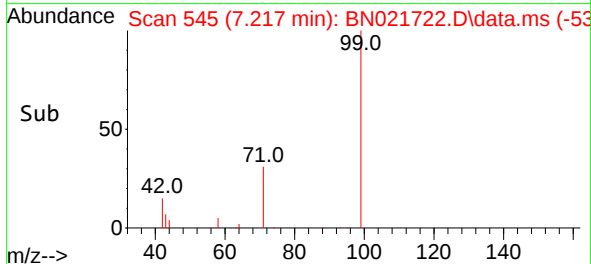
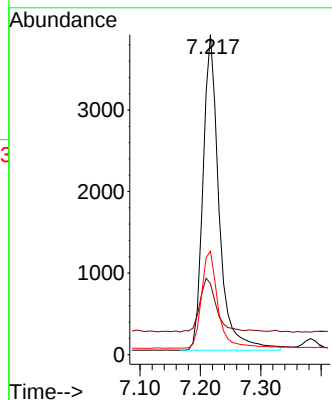
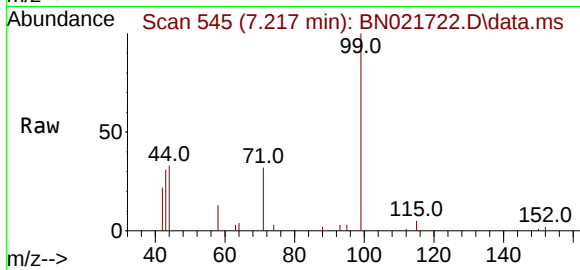




#5
Phenol-d6
Concen: 0.681 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

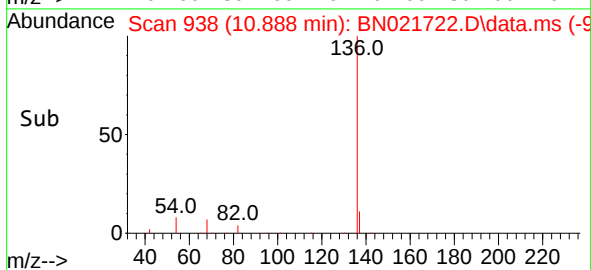
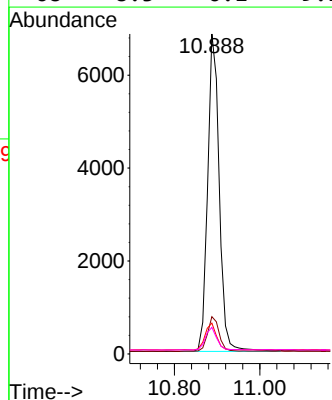
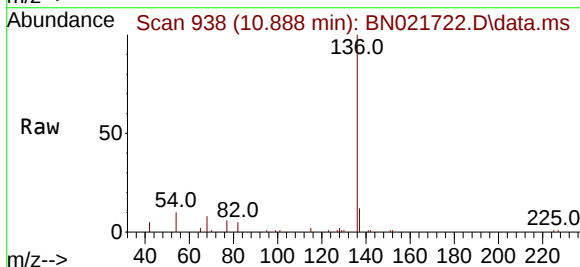
Instrument :
BNA_N
ClientSampleId :
SP6009

Tgt Ion:	99	Resp:	7154
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.5	23.3
71	31.5	24.2	36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:	136	Resp:	12868
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	9.7	6.9	10.3
68	8.3	6.1	9.1

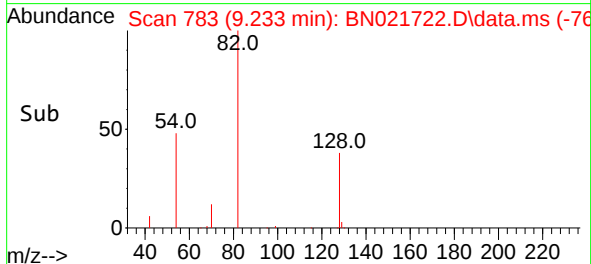
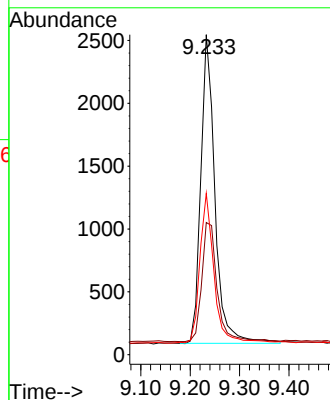
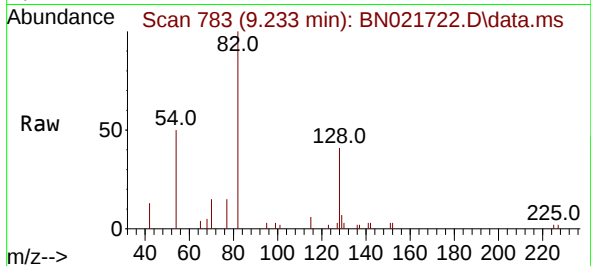




#8
Nitrobenzene-d5
Concen: 0.561 ng
RT: 9.233 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

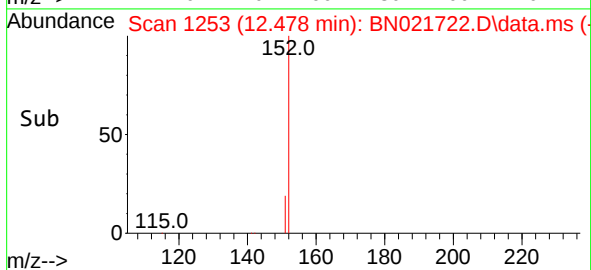
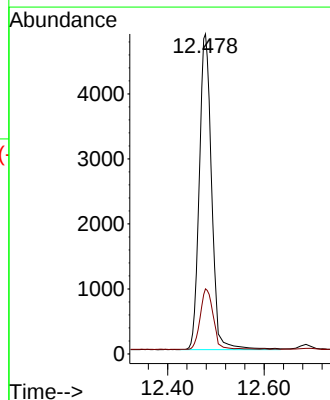
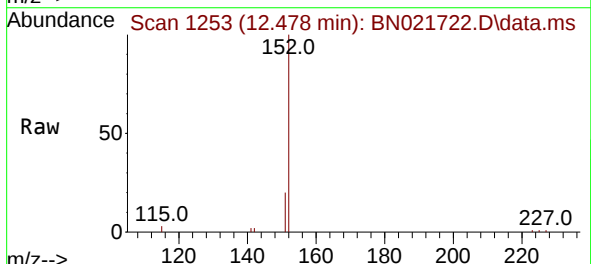
Instrument :
BNA_N
ClientSampleId :
SP6009

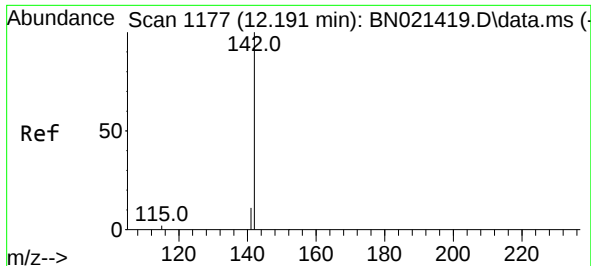
Tgt Ion: 82 Resp: 4874
Ion Ratio Lower Upper
82 100
128 41.3 30.9 46.3
54 50.4 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.479 ng
RT: 12.478 min Scan# 1253
Delta R.T. 0.004 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion: 152 Resp: 13887
Ion Ratio Lower Upper
152 100
151 19.0 14.5 21.7

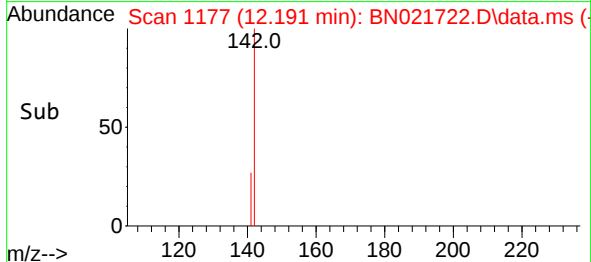
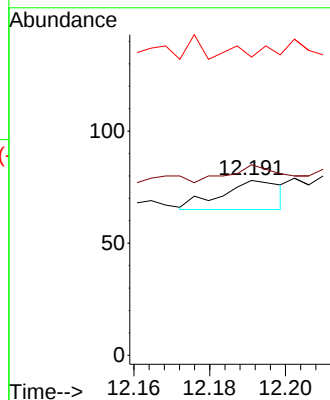
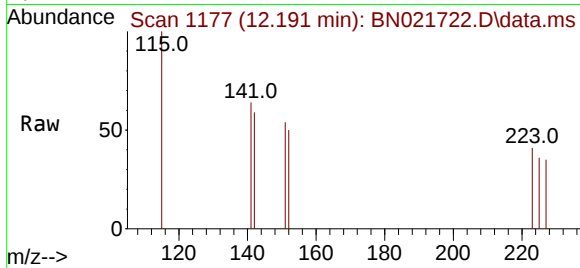




#12
2-Methylnaphthalene
Concen: 0.129 ng
RT: 12.191 min Scan# 1177
Delta R.T. 0.011 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

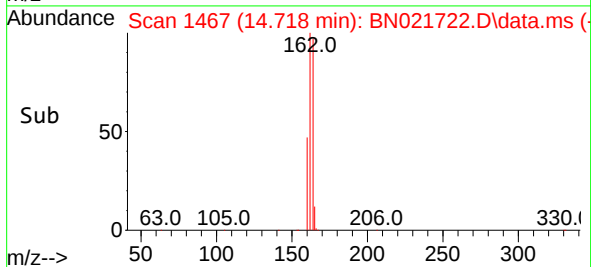
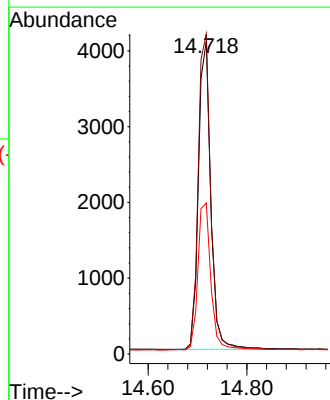
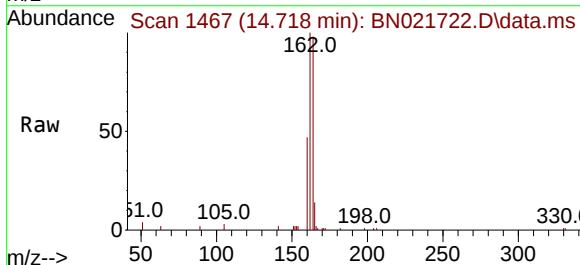
Instrument :
BNA_N
ClientSampleId :
SP6009

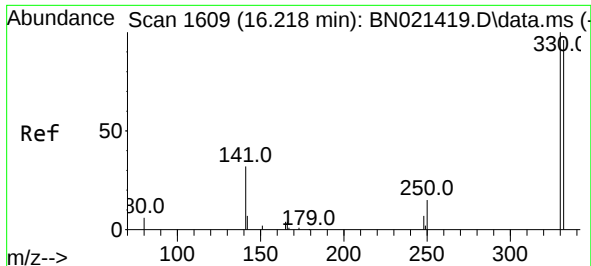
Tgt Ion:142 Resp: 14
Ion Ratio Lower Upper
142 100
141 109.0 12.2 18.2#
115 170.5 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.011 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:164 Resp: 7085
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.4
160 48.3 39.5 59.3

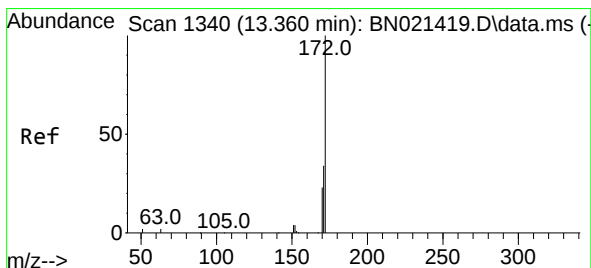
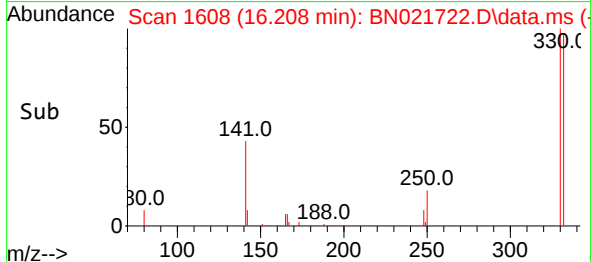
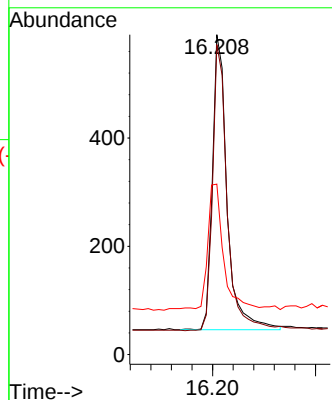
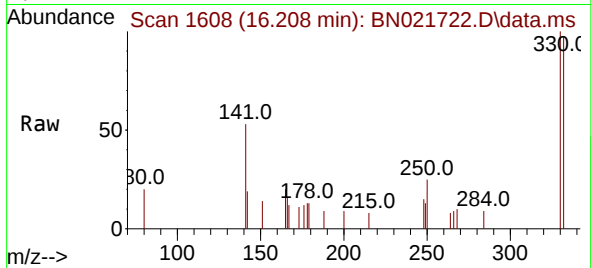




#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 16.208 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

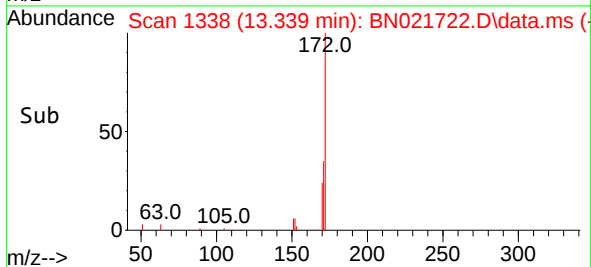
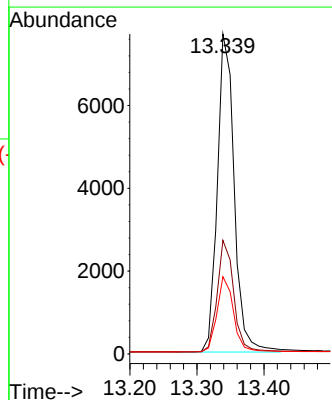
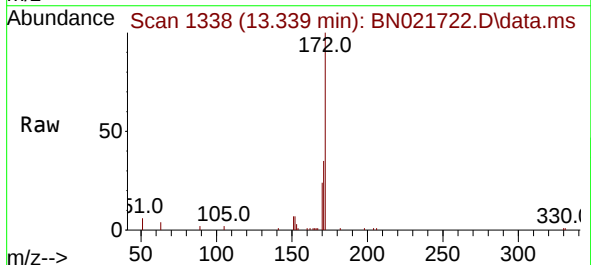
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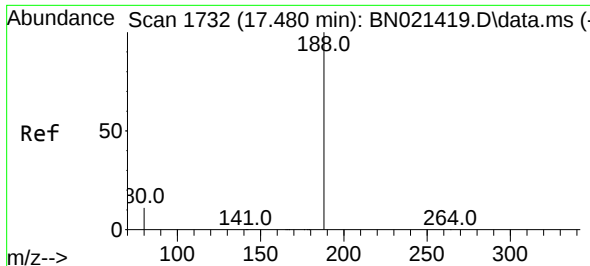
Tgt Ion:330 Resp: 1079
Ion Ratio Lower Upper
330 100
332 96.5 79.3 118.9
141 43.5 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:172 Resp: 13448
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 24.1 18.6 28.0

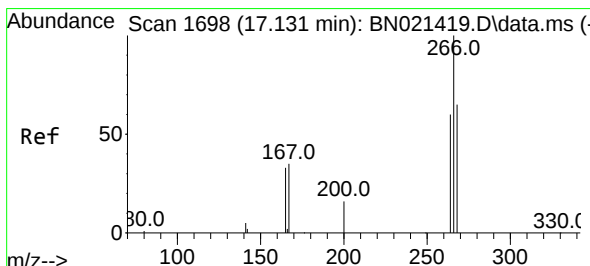
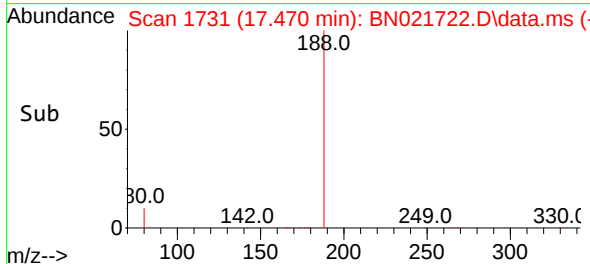
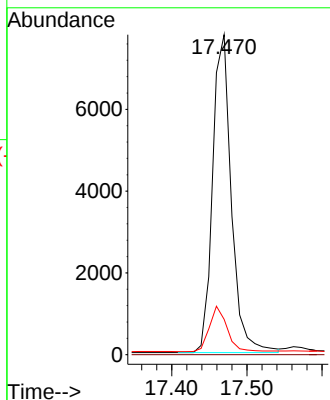
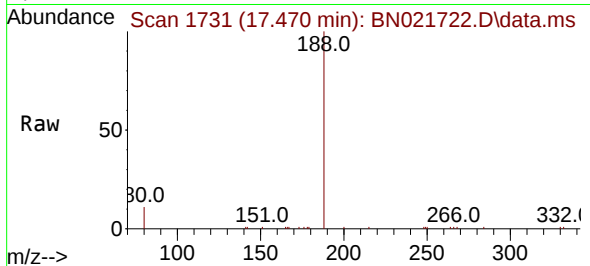




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.010 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

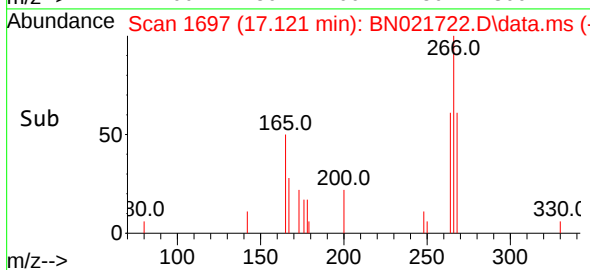
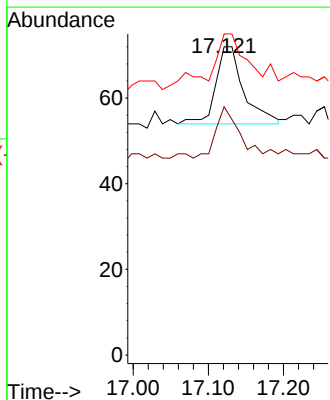
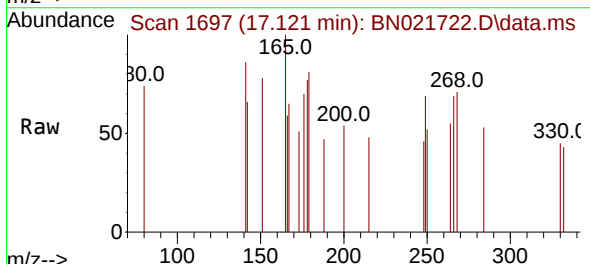
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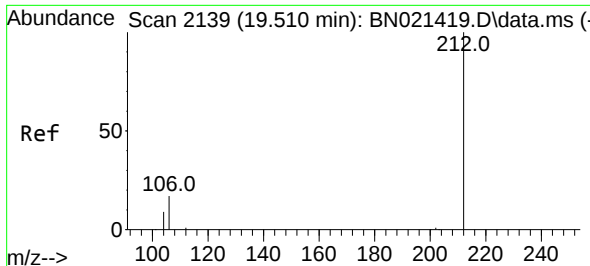
Tgt Ion:188 Resp: 13444
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.5 14.3



#24
Pentachlorophenol
Concen: 0.217 ng
RT: 17.121 min Scan# 1697
Delta R.T. 0.010 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
264 63.8 49.0 73.6
268 68.1 50.9 76.3

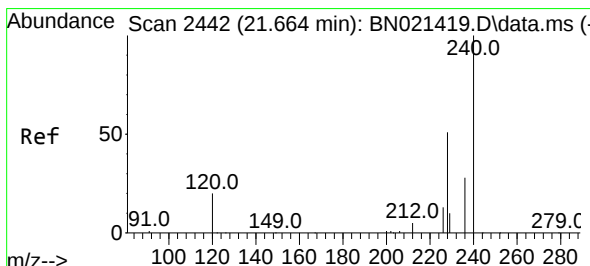
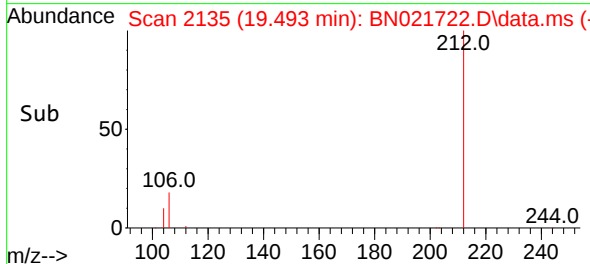
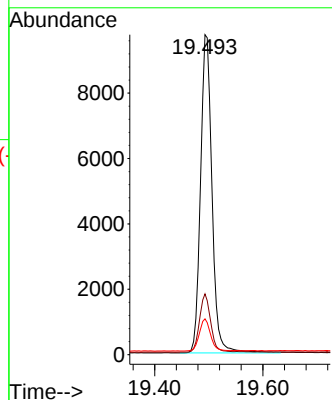
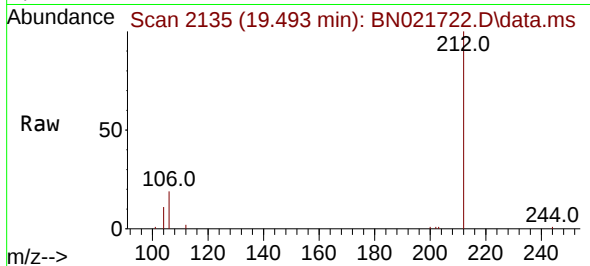




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

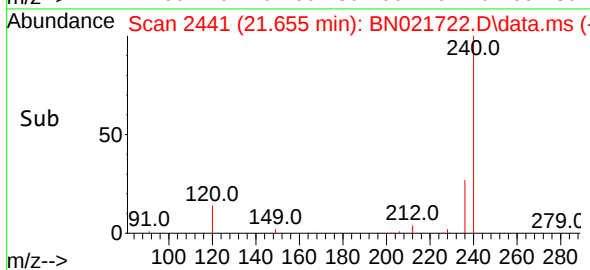
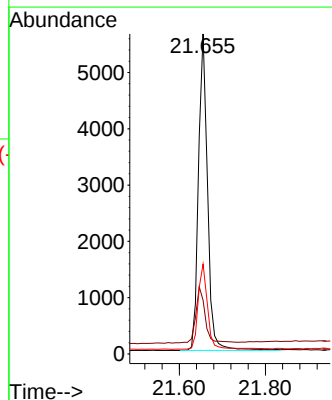
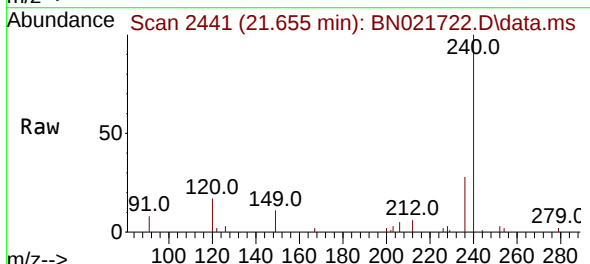
Instrument :
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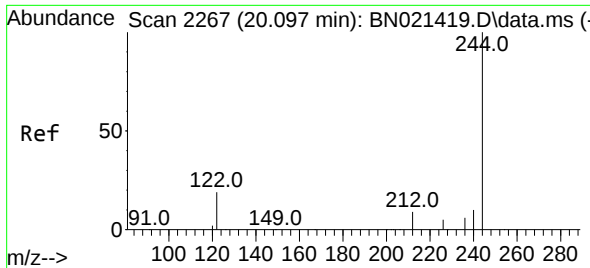
Tgt Ion:212 Resp: 14310
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 9.9 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:240 Resp: 8285
Ion Ratio Lower Upper
240 100
120 16.8 10.2 15.4#
236 28.1 22.1 33.1

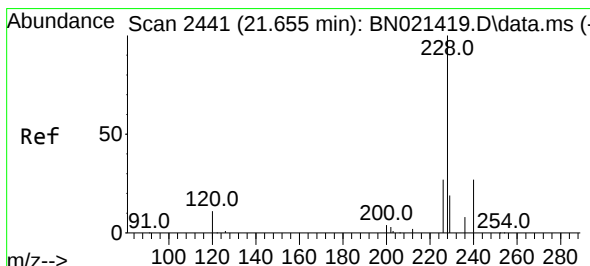
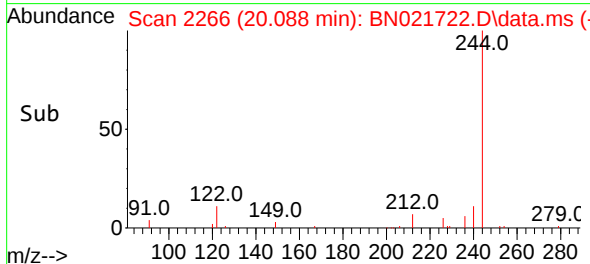
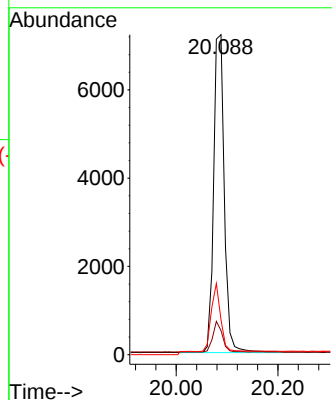
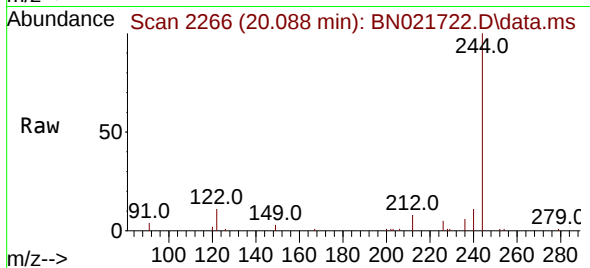




#31
 Terphenyl-d14
 Concen: 0.566 ng
 RT: 20.088 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021722.D
 Acq: 12 Sep 2022 19:31

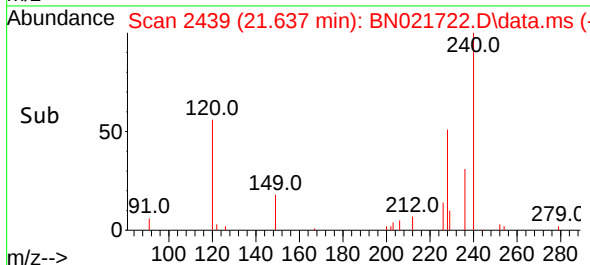
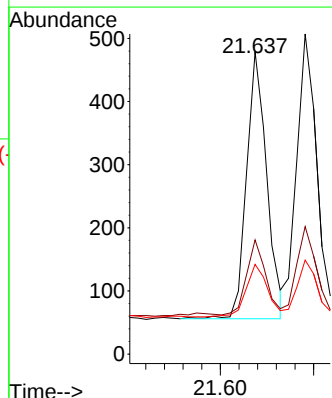
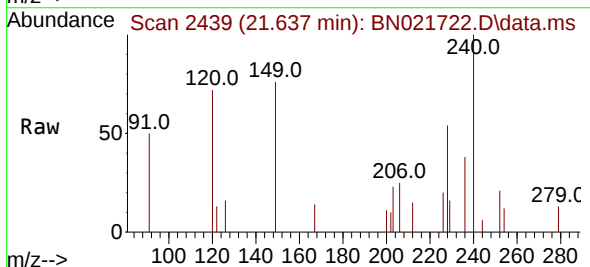
Instrument :
 BNA_N
 ClientSampleId :
 SP6009

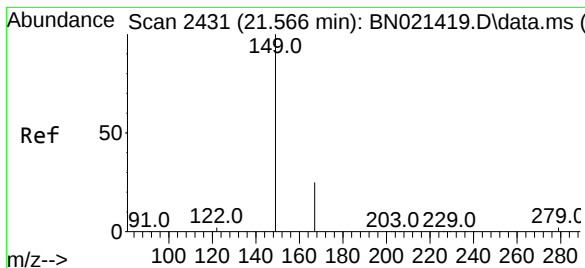
Tgt Ion:244 Resp: 10540
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 10.9 9.1 13.7



#32
 Benzo(a)anthracene
 Concen: 0.022 ng
 RT: 21.637 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN021722.D
 Acq: 12 Sep 2022 19:31

Tgt Ion:228 Resp: 635
 Ion Ratio Lower Upper
 228 100
 226 37.8 22.0 33.0#
 229 29.6 15.9 23.9#

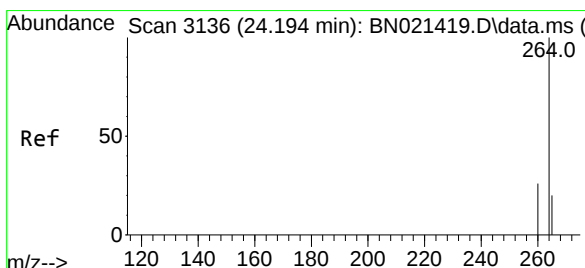
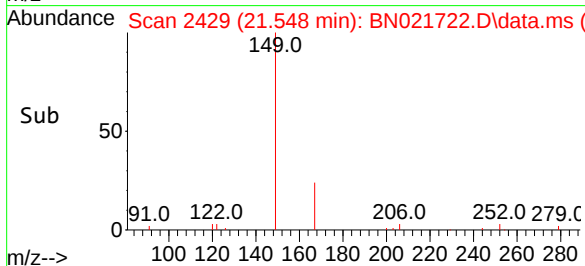
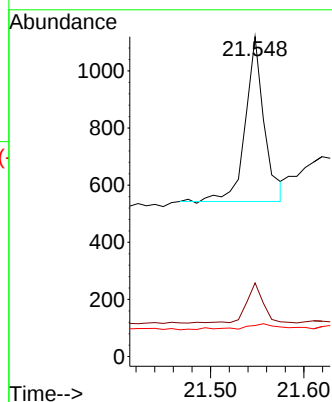
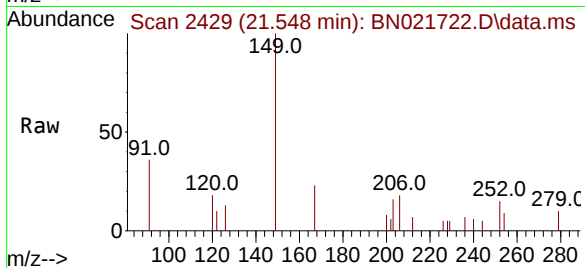




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021722.D
 Acq: 12 Sep 2022 19:31

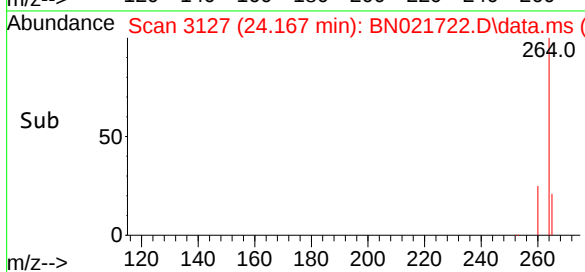
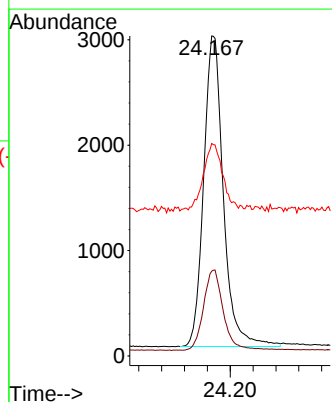
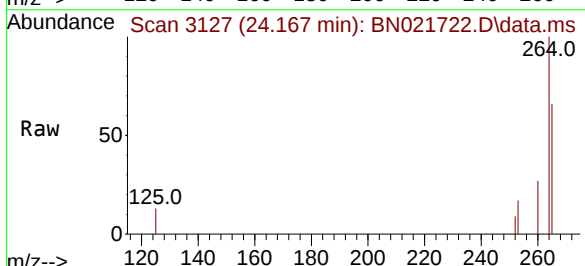
Instrument :
 BNA_N
 ClientSampleId :
 SP6009

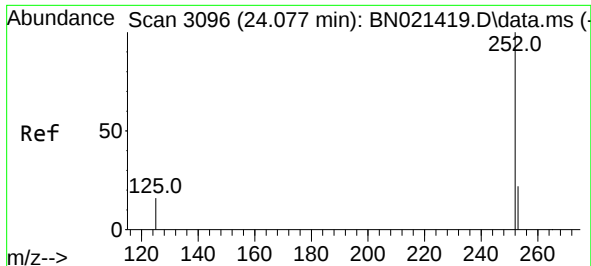
Tgt Ion:149 Resp: 812
 Ion Ratio Lower Upper
 149 100
 167 21.9 21.4 32.0
 279 5.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.167 min Scan# 3127
 Delta R.T. 0.000 min
 Lab File: BN021722.D
 Acq: 12 Sep 2022 19:31

Tgt Ion:264 Resp: 7058
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 66.4 32.2 48.2#

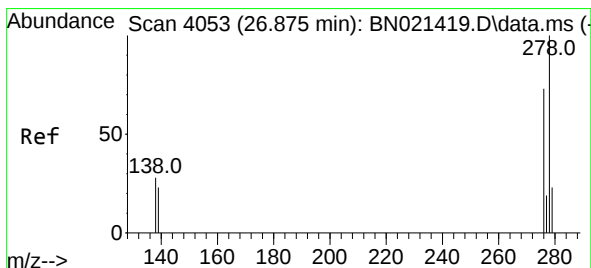
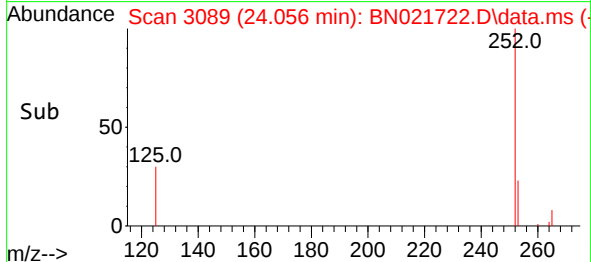
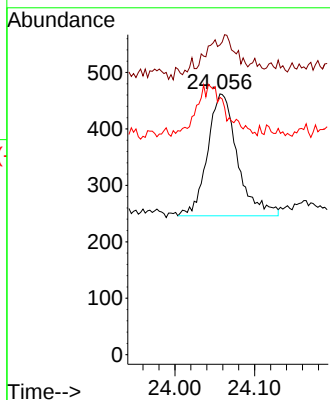
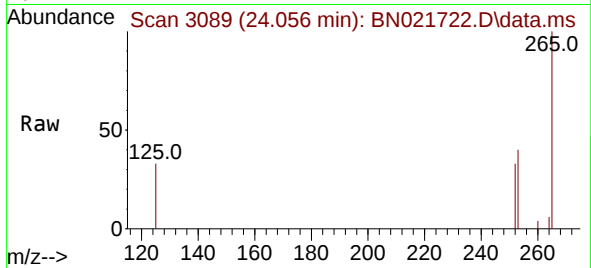




#39
Benzo(a)pyrene
Concen: 0.023 ng
RT: 24.056 min Scan# 3096
Delta R.T. 0.003 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

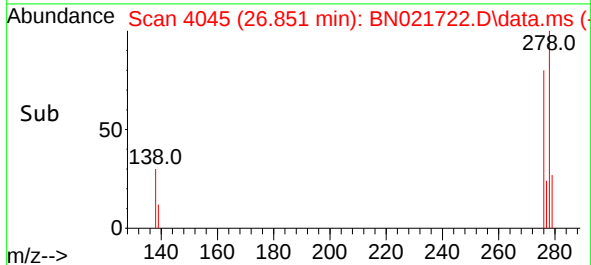
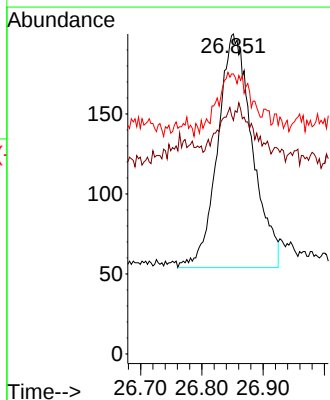
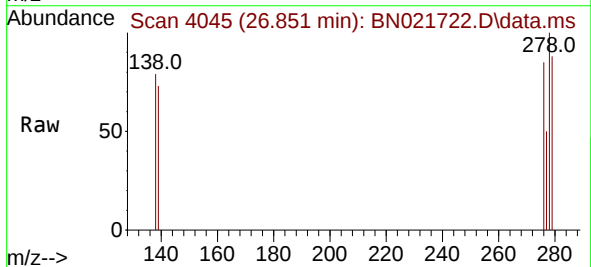
Instrument :
BNA_N
ClientSampleId :
SP6009

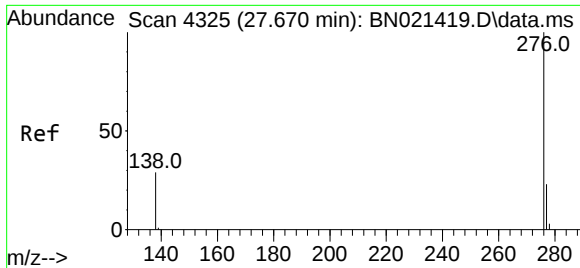
Tgt Ion:252 Resp: 565
Ion Ratio Lower Upper
252 100
253 118.8 21.1 31.7#
125 98.7 16.6 25.0#



#40
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 26.851 min Scan# 4045
Delta R.T. 0.015 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:278 Resp: 575
Ion Ratio Lower Upper
278 100
139 73.0 21.8 32.6#
279 87.5 20.4 30.6#





#41

Benzo(g,h,i)perylene

Concen: 0.022 ng

RT: 27.641 min Scan# 41

Delta R.T. 0.012 min

Lab File: BN021722.D

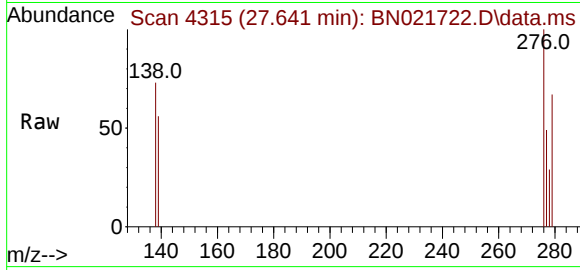
Acq: 12 Sep 2022 19:31

Instrument :

BNA_N

ClientSampleId :

SP6009



Tgt Ion:276 Resp: 631

Ion Ratio Lower Upper

276 100

277 48.8 19.7 29.5#

138 73.2 23.7 35.5#

