

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016928.D
 Acq On : 13 Oct 2021 10:24
 Operator : CG/JU
 Sample : M3702-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 13 10:57:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

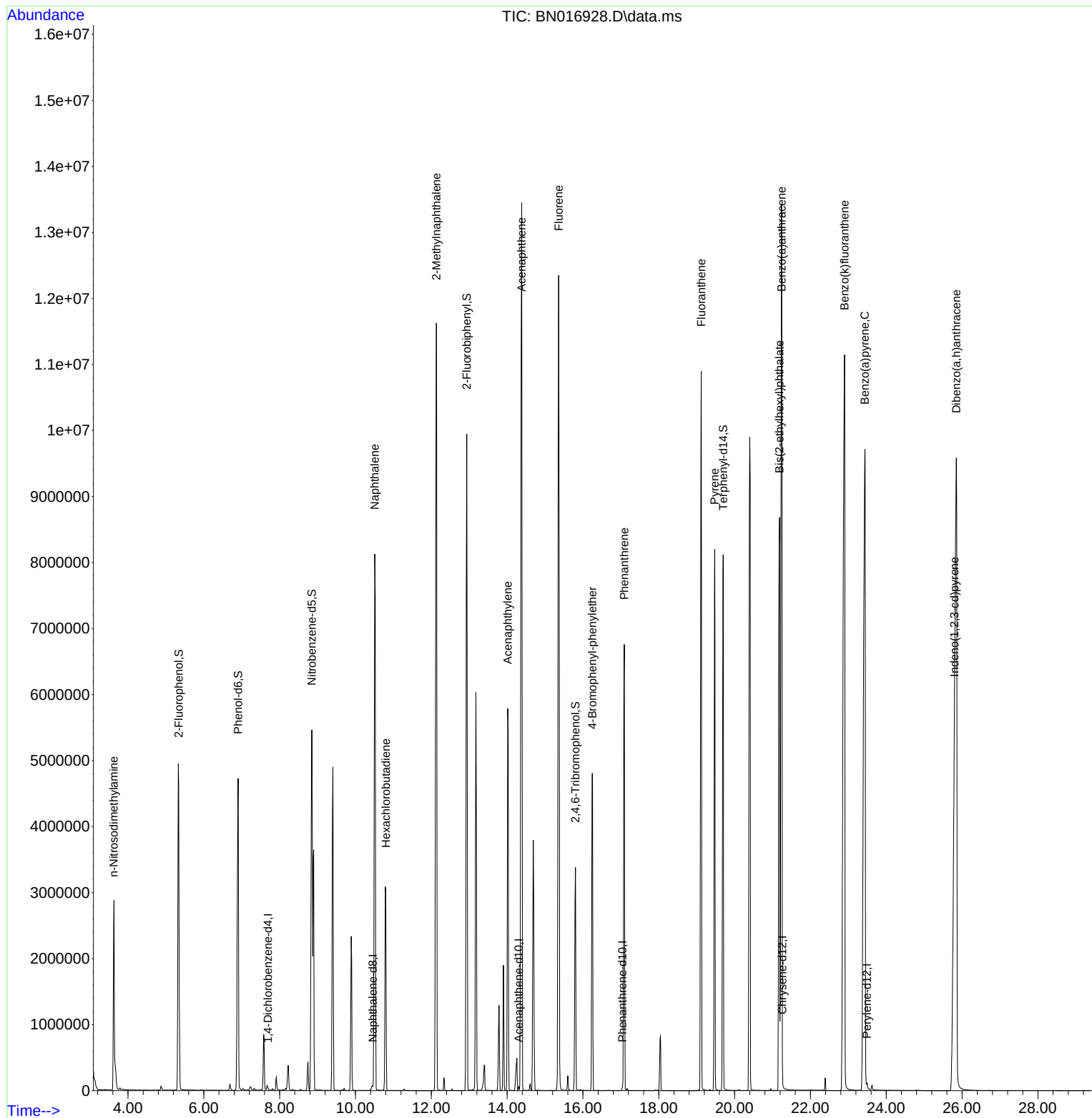
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	15949	0.40	ng	0.00
7) Naphthalene-d8	10.457	136	74634	0.40	ng	# 0.00
13) Acenaphthene-d10	14.307	164	39515	0.40	ng	0.01
19) Phenanthrene-d10	17.042	188	76343	0.40	ng	# 0.00
29) Chrysene-d12	21.259	240	54071	0.40	ng	# 0.03
35) Perylene-d12	23.495	264	77138	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	5538499	153.02	ng	0.05
5) Phenol-d6	6.905	99	6193159	153.67	ng	0.04
8) Nitrobenzene-d5	8.848	82	5664781	119.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.012	152	162	0.00	ng	-0.03
14) 2,4,6-Tribromophenol	15.804	330	3530498	197.07	ng	0.01
15) 2-Fluorobiphenyl	12.936	172	10593902	70.80	ng	0.01
27) Fluoranthene-d10	19.078	212	33	0.00	ng	0.00
31) Terphenyl-d14	19.698	244	11101240	93.52	ng	0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.622	42	1909573	155.93	ng	93
9) Naphthalene	10.508	128	13108742	67.62	ng	97
10) Hexachlorobutadiene	10.799	225	3051237	79.51	ng	# 98
12) 2-Methylnaphthalene	12.136	142	11261040	91.48	ng	97
16) Acenaphthylene	14.015	152	7587594	47.39	ng	98
17) Acenaphthene	14.383	154	10005429	91.12	ng	94
18) Fluorene	15.360	166	7014292	53.58	ng	97
21) 4-Bromophenyl-phenylether	16.251	248	2980270	66.61	ng	# 88
25) Phenanthrene	17.090	178	8253108	37.99	ng	98
28) Fluoranthene	19.117	202	12397250	52.80	ng	96
30) Pyrene	19.475	202	8241662	47.92	ng	97
32) Benzo(a)anthracene	21.238	228	17600168	108.11	ng	92
34) Bis(2-ethylhexyl)phtha...	21.185	149	11726867	113.22	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.795	276	13900462	47.61	ng	# 74
38) Benzo(k)fluoranthene	22.899	252	26494289	108.07	ng	# 93
39) Benzo(a)pyrene	23.436	252	24913317	110.30	ng	96
40) Dibenzo(a,h)anthracene	25.850	278	17123342	72.29	ng	98

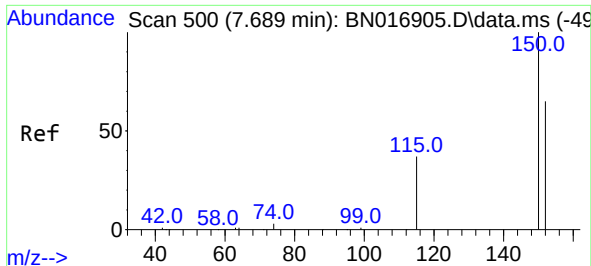
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016928.D
Acq On : 13 Oct 2021 10:24
Operator : CG/JU
Sample : M3702-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Quant Time: Oct 13 10:57:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

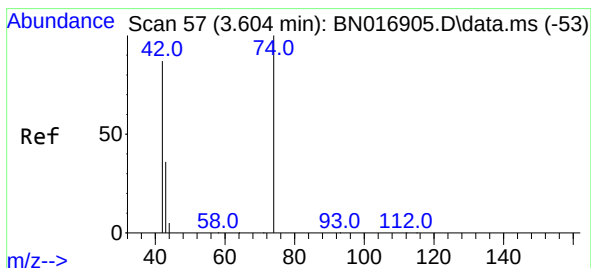
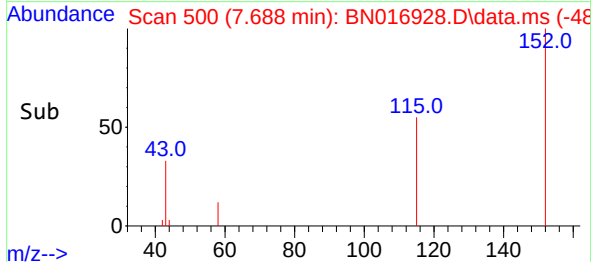
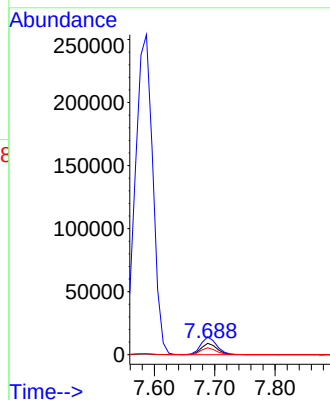
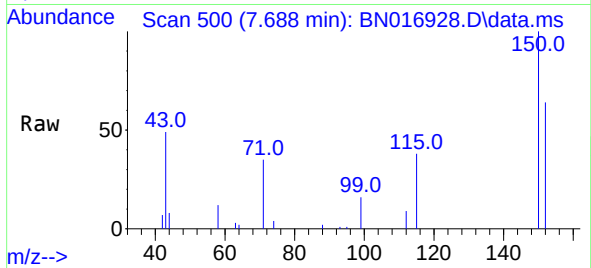




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016928.D
 Acq: 13 Oct 2021 10:24

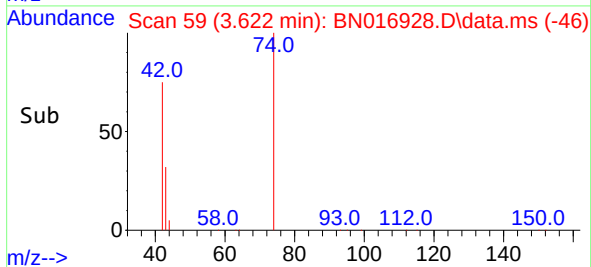
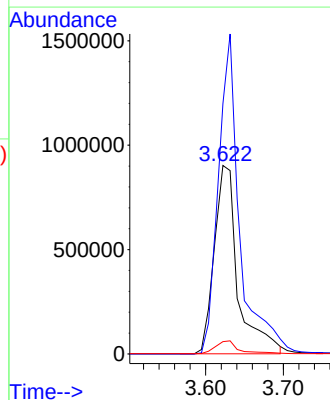
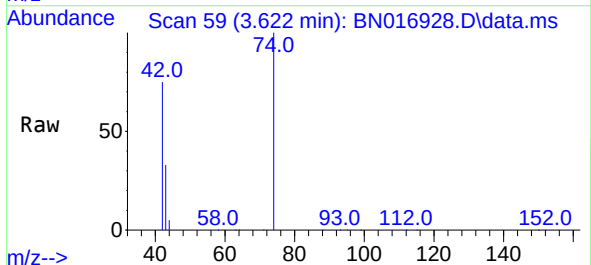
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

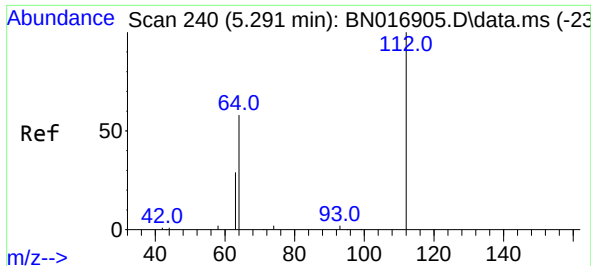
Tgt Ion:152 Resp: 15949
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.6 183.8
 115 60.0 46.1 69.1



#3
 n-Nitrosodimethylamine
 Concen: 155.93 ng
 RT: 3.622 min Scan# 59
 Delta R.T. 0.018 min
 Lab File: BN016928.D
 Acq: 13 Oct 2021 10:24

Tgt Ion: 42 Resp: 1909573
 Ion Ratio Lower Upper
 42 100
 74 152.2 114.4 171.6
 44 6.6 5.7 8.5

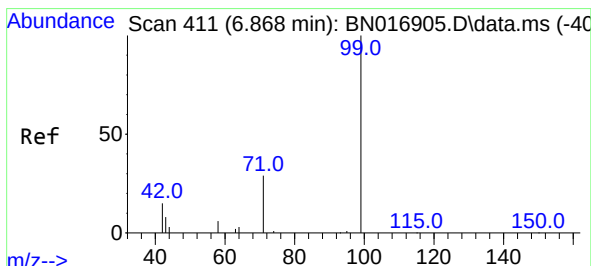
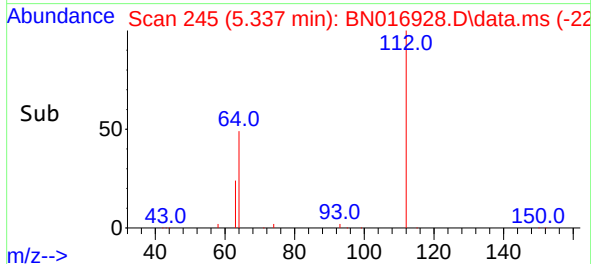
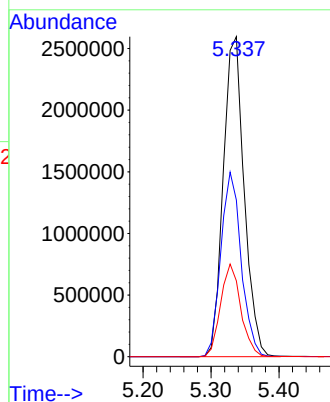
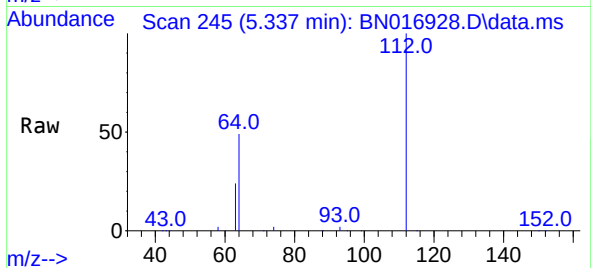




#4
2-Fluorophenol
Concen: 153.02 ng
RT: 5.337 min Scan# 245
Delta R.T. 0.046 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

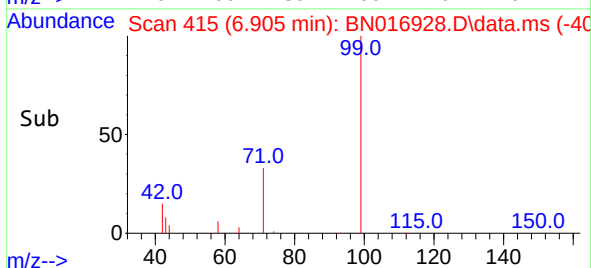
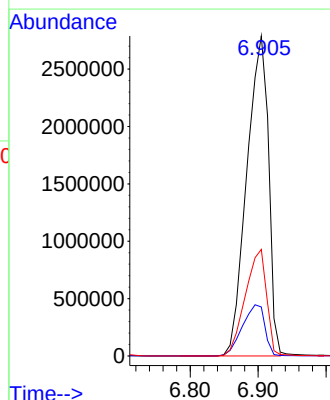
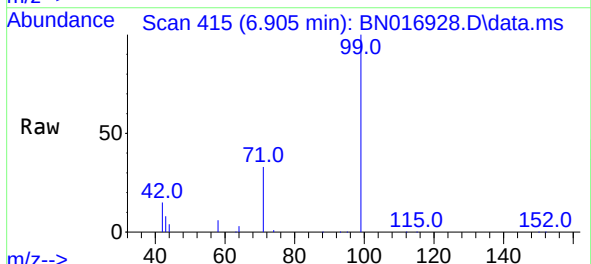
Instrument :
BNA_N
ClientSampled :
PT-BN-WP

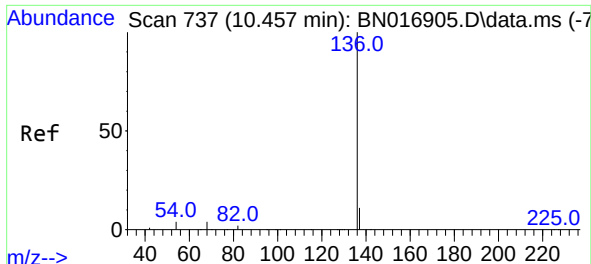
Tgt Ion:112 Resp: 5538499
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 28.0 22.6 33.8



#5
Phenol-d6
Concen: 153.67 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.037 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

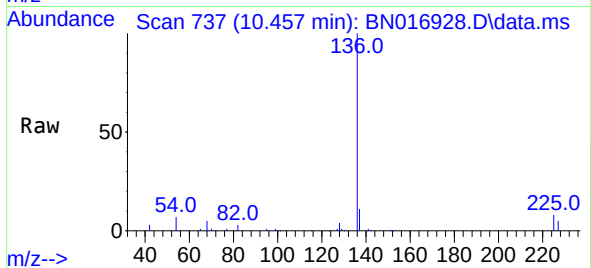
Tgt Ion: 99 Resp: 6193159
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.4
71 32.6 24.5 36.7





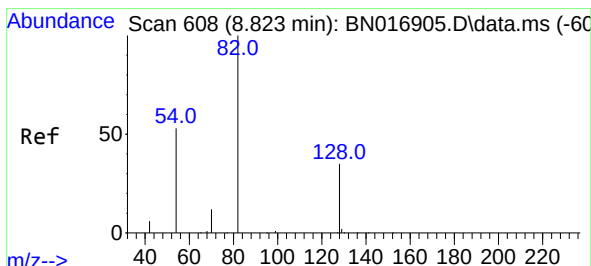
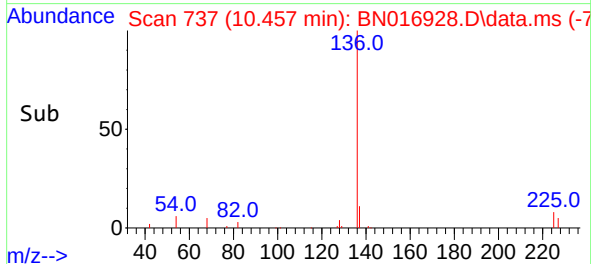
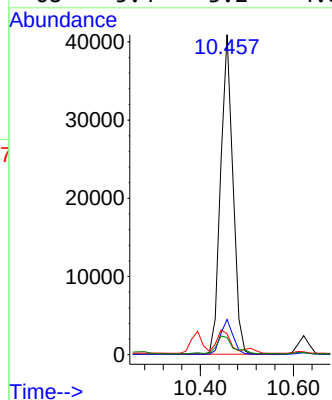
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP



Tgt Ion: 136 Resp: 74634

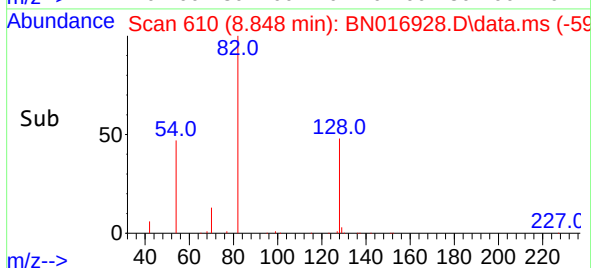
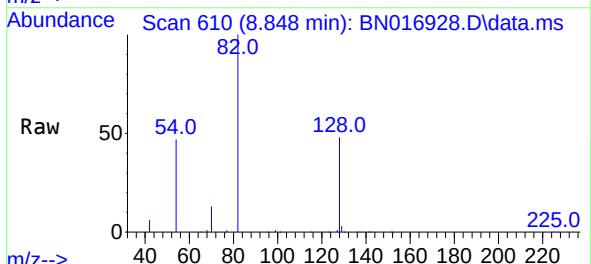
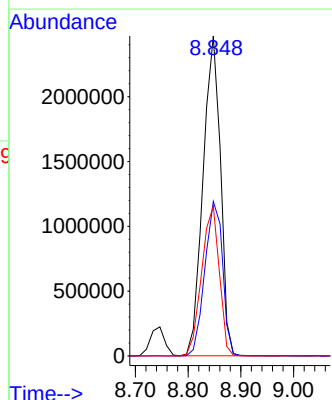
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	3.7	5.5#
68	5.4	3.2	4.8#

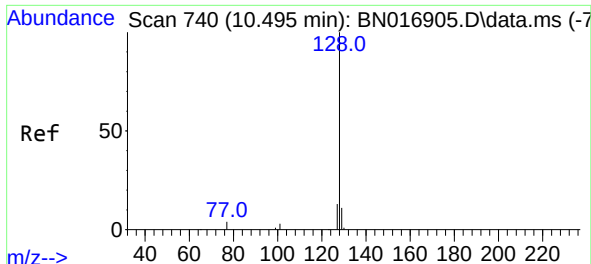


#8
Nitrobenzene-d5
Concen: 119.34 ng
RT: 8.848 min Scan# 610
Delta R.T. 0.025 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion: 82 Resp: 5664781

Ion	Ratio	Lower	Upper
82	100		
128	48.3	28.3	42.5#
54	46.9	43.0	64.4

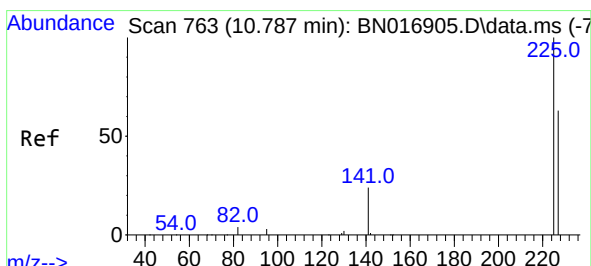
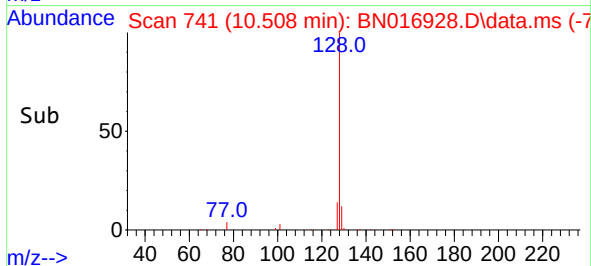
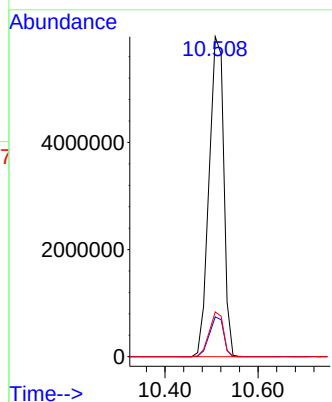
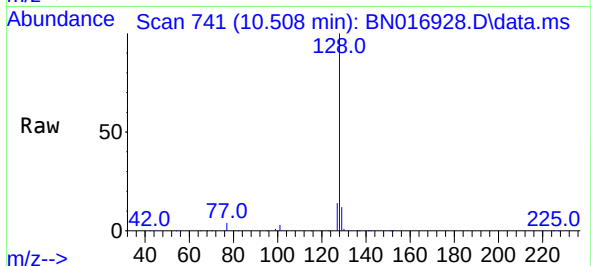




#9
Naphthalene
Concen: 67.62 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.013 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

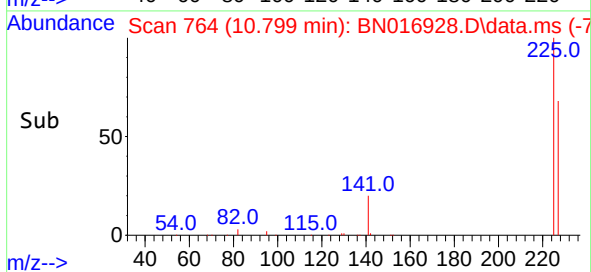
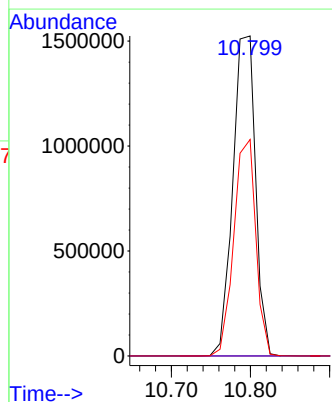
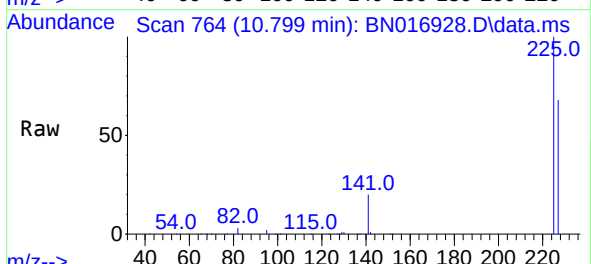
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

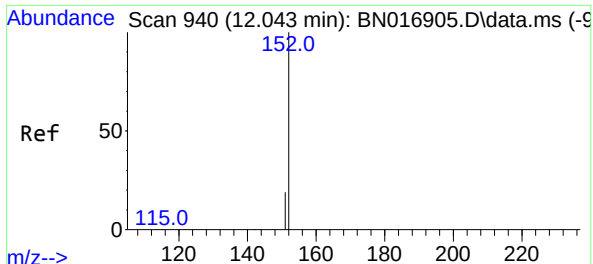
Tgt Ion:128 Resp:13108742
Ion Ratio Lower Upper
128 100
129 12.5 8.7 13.1
127 14.0 10.6 16.0



#10
Hexachlorobutadiene
Concen: 79.51 ng
RT: 10.799 min Scan# 764
Delta R.T. 0.013 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:225 Resp: 3051237
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.4 51.1 76.7

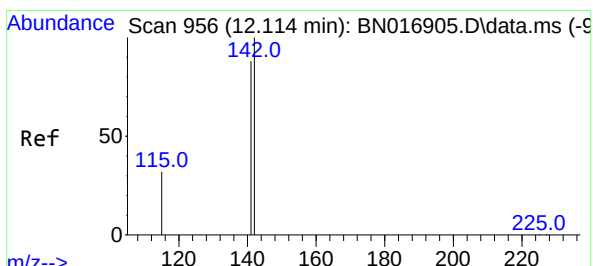
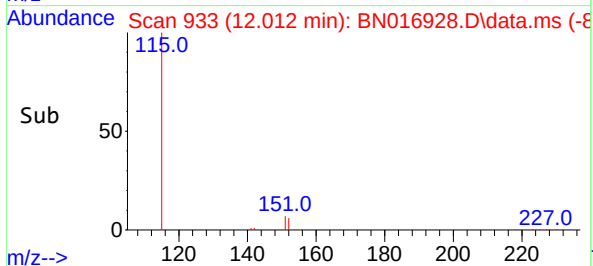
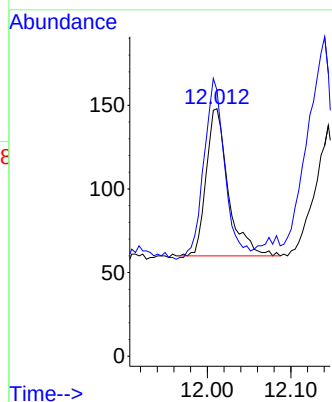
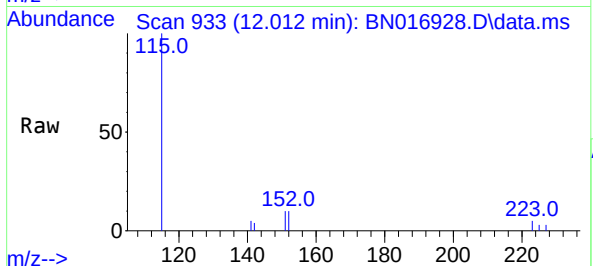




#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.031 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

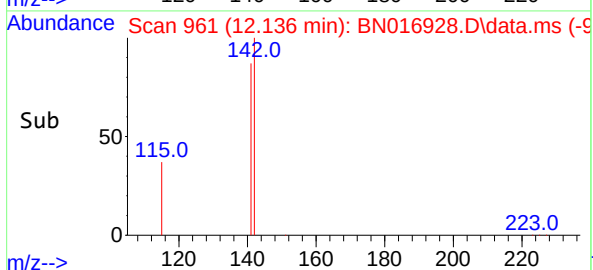
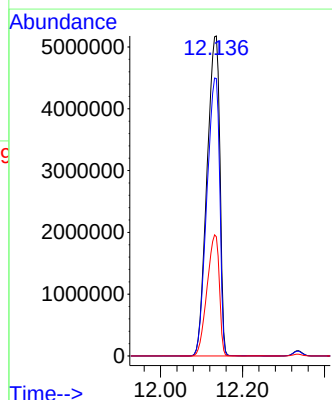
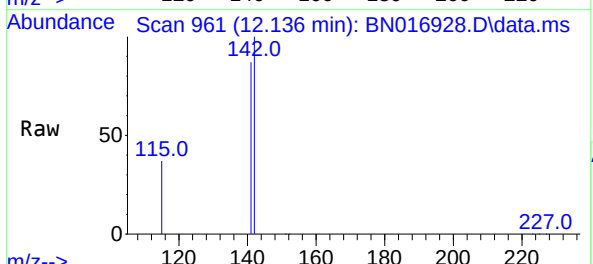
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

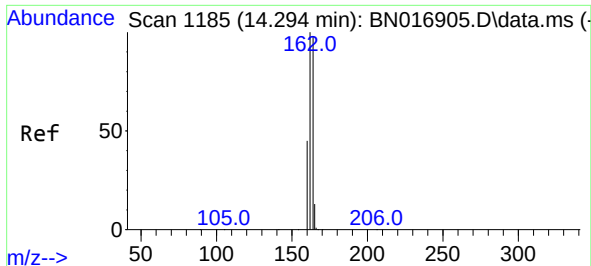
Tgt Ion:152 Resp: 162
Ion Ratio Lower Upper
152 100
151 116.7 16.2 24.4#



#12
2-Methylnaphthalene
Concen: 91.48 ng
RT: 12.136 min Scan# 961
Delta R.T. 0.022 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:142 Resp:11261040
Ion Ratio Lower Upper
142 100
141 86.7 70.5 105.7
115 37.3 26.0 39.0

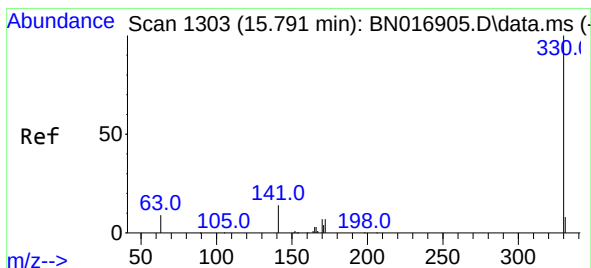
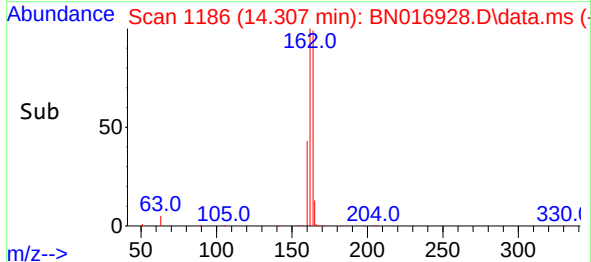
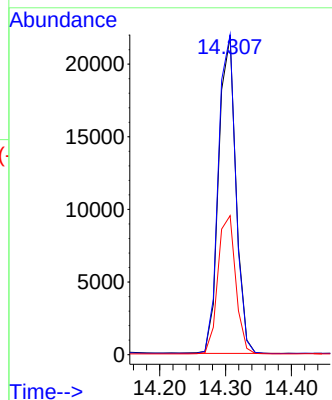
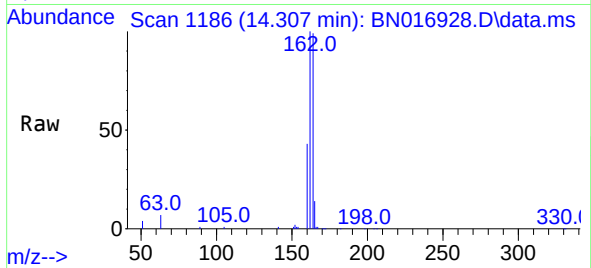




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.013 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

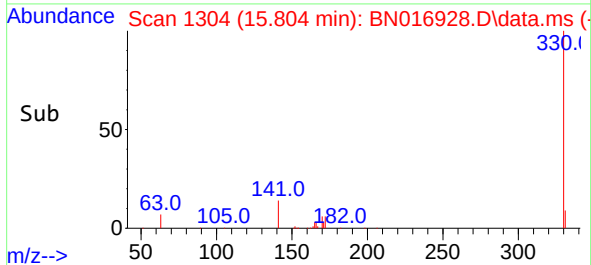
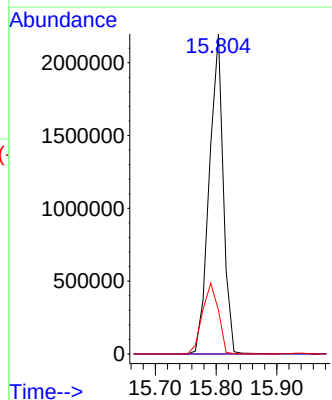
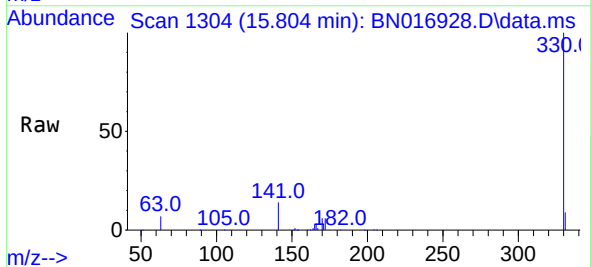
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

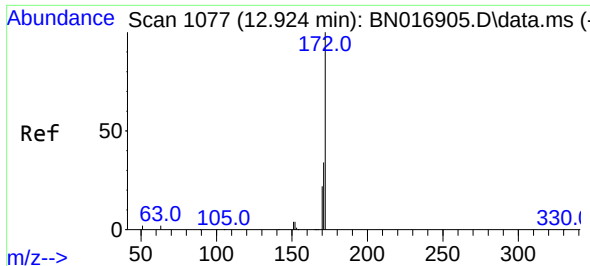
Tgt Ion:164 Resp: 39515
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.7 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 197.07 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.013 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:330 Resp: 3530498
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.3 24.4 36.6

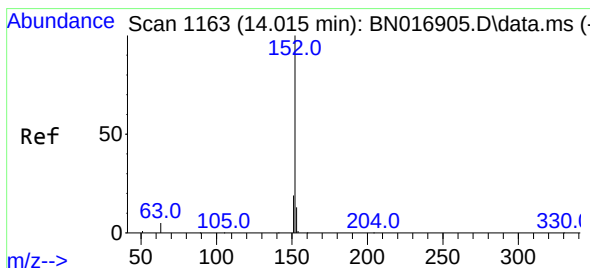
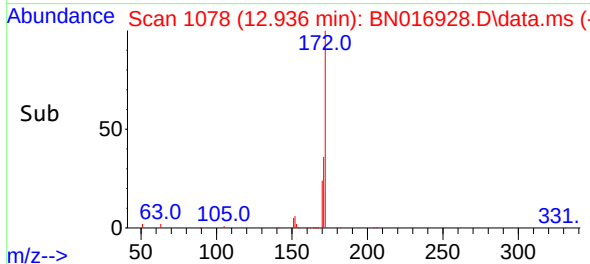
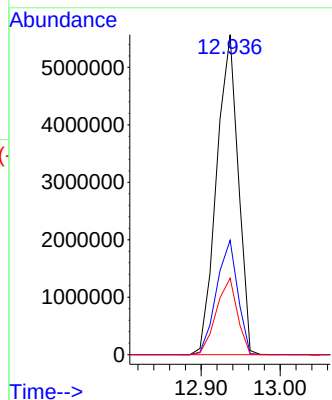
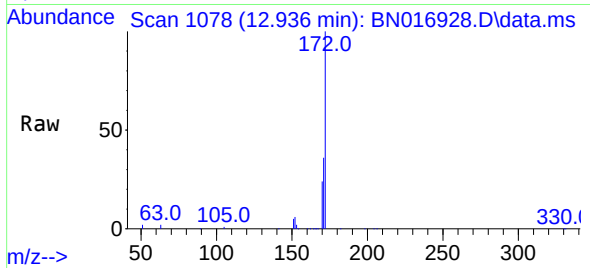




#15
2-Fluorobiphenyl
Concen: 70.80 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.013 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

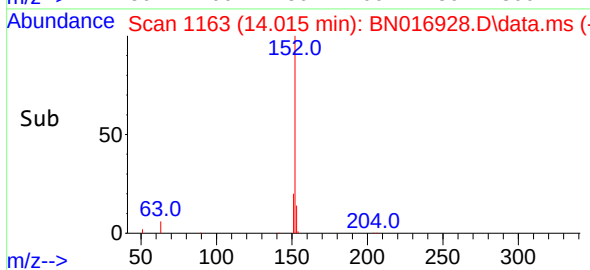
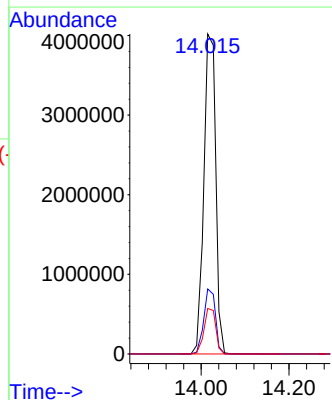
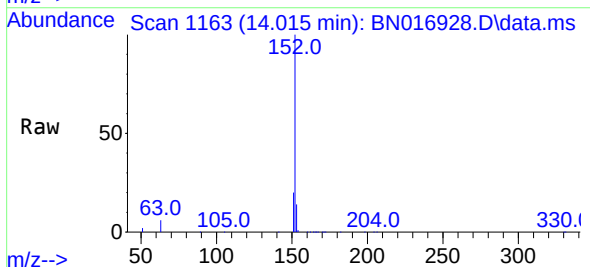
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

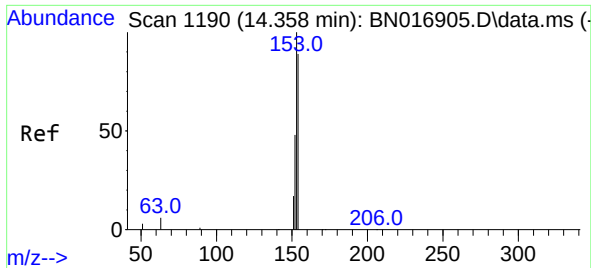
Tgt Ion:172 Resp:10593902
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 23.9 18.1 27.1



#16
Acenaphthylene
Concen: 47.39 ng
RT: 14.015 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:152 Resp: 7587594
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 14.0 10.3 15.5

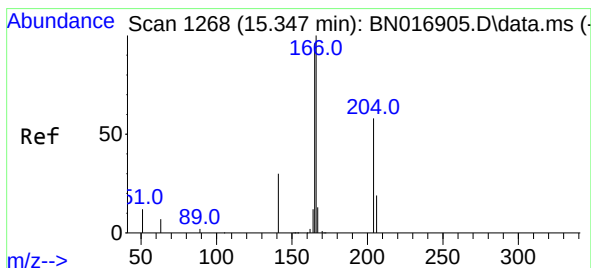
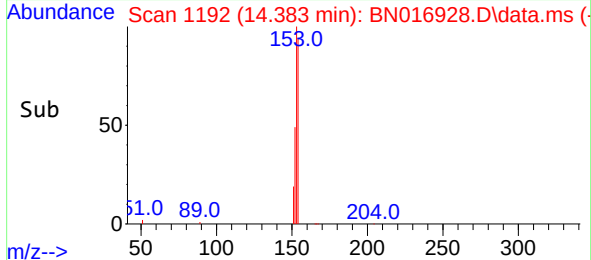
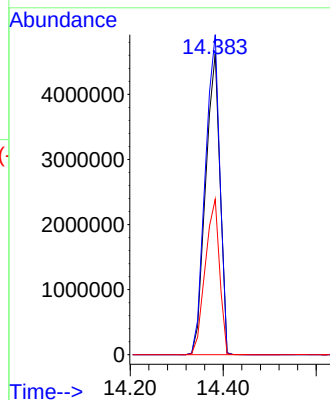
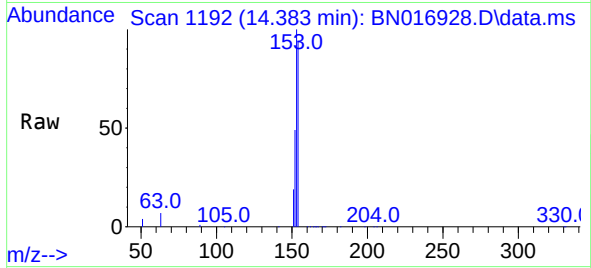




#17
Acenaphthene
Concen: 91.12 ng
RT: 14.383 min Scan# 1192
Delta R.T. 0.025 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

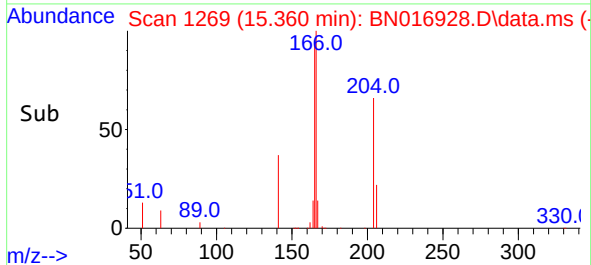
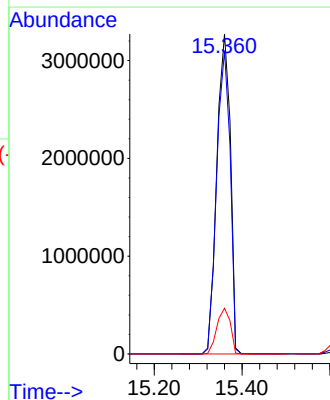
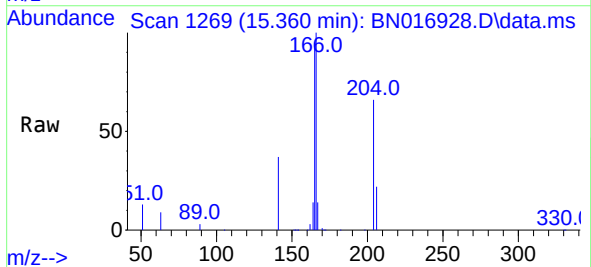
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

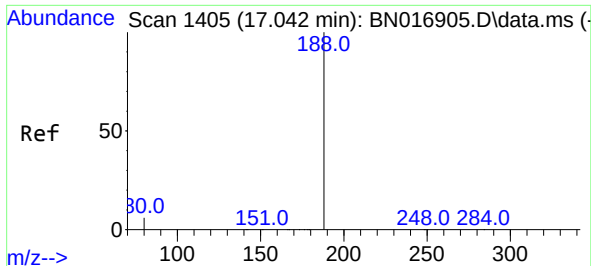
Tgt Ion:154 Resp:10005429
Ion Ratio Lower Upper
154 100
153 107.0 91.2 136.8
152 51.3 44.4 66.6



#18
Fluorene
Concen: 53.58 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.013 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:166 Resp: 7014292
Ion Ratio Lower Upper
166 100
165 94.5 78.1 117.1
167 14.2 10.7 16.1

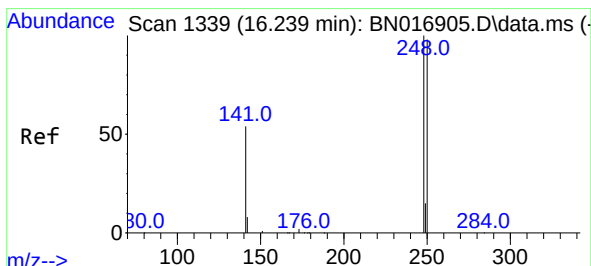
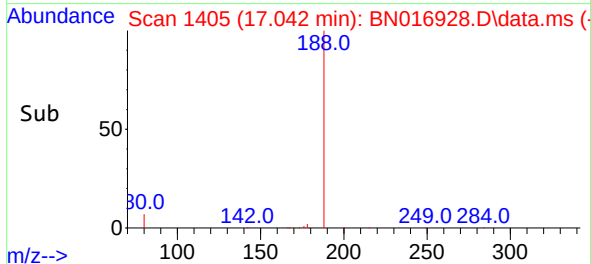
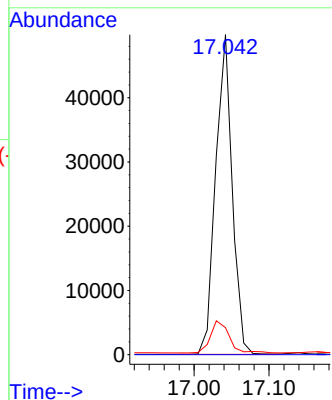
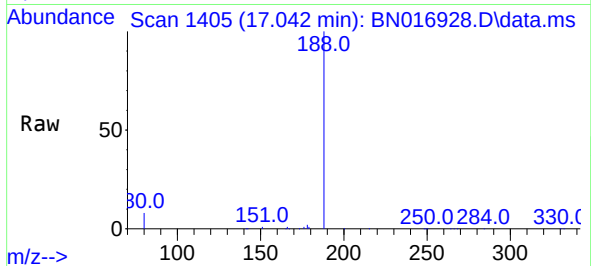




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

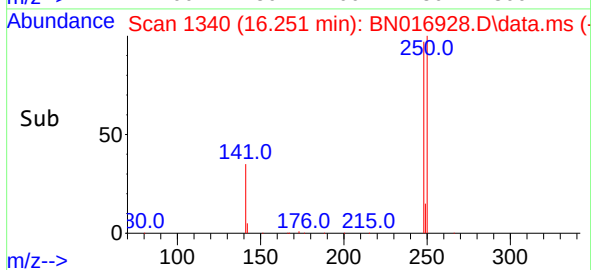
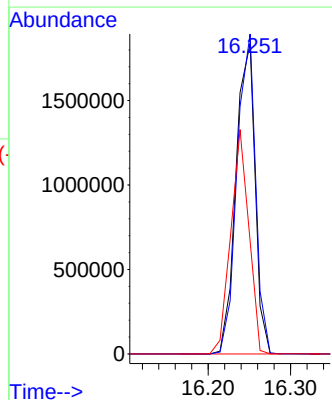
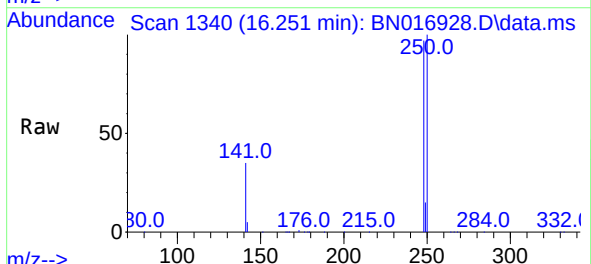
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

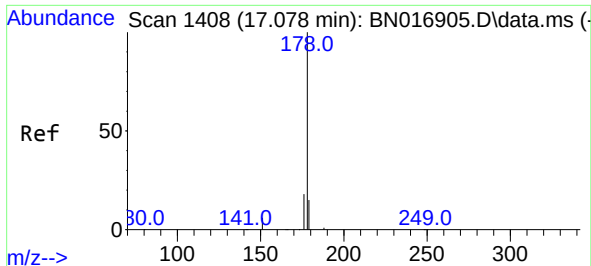
Tgt Ion:188 Resp: 76343
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 4.9 7.3#



#21
4-Bromophenyl-phenylether
Concen: 66.61 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:248 Resp: 2980270
Ion Ratio Lower Upper
248 100
250 103.1 78.2 117.2
141 36.3 43.1 64.7#

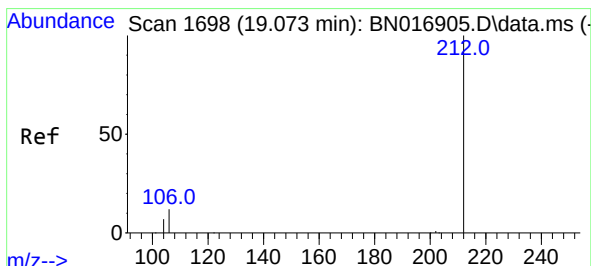
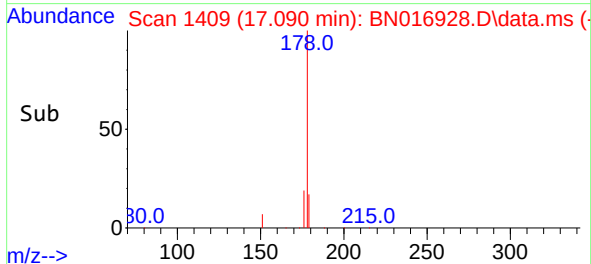
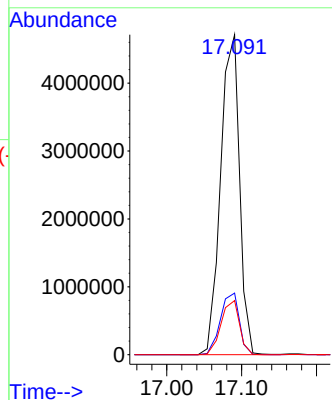
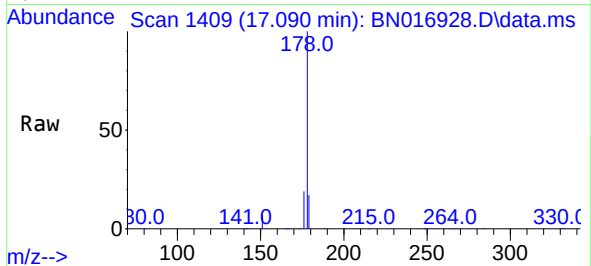




#25
Phenanthrene
Concen: 37.99 ng
RT: 17.090 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

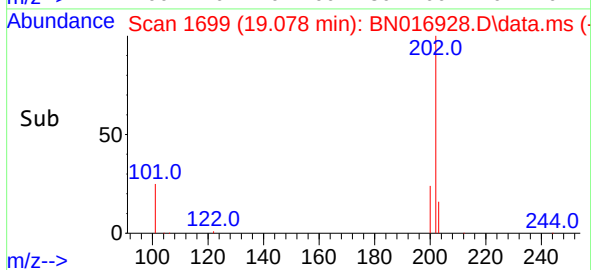
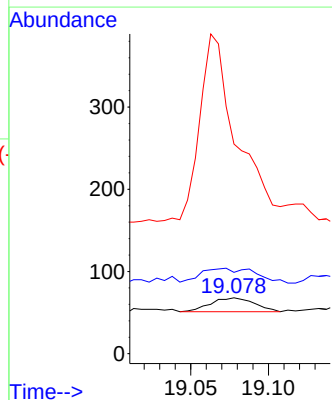
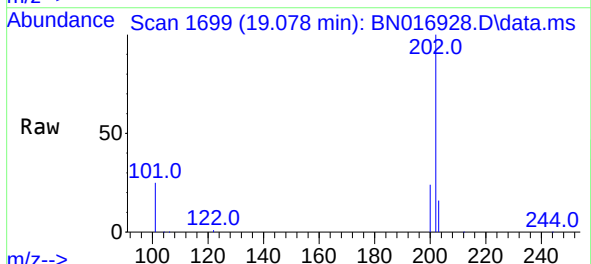
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

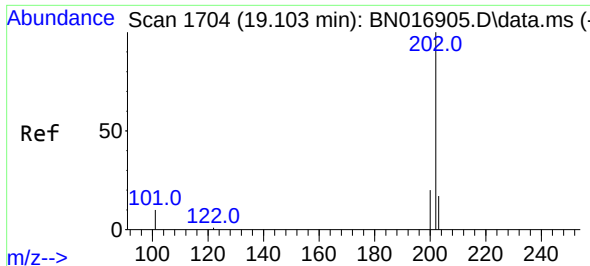
Tgt Ion:178 Resp: 8253108
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.6 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.00 ng
RT: 19.078 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:212 Resp: 33
Ion Ratio Lower Upper
212 100
106 72.7 10.7 16.1#
104 1157.6 5.8 8.8#

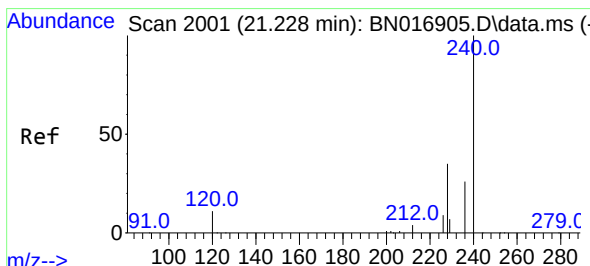
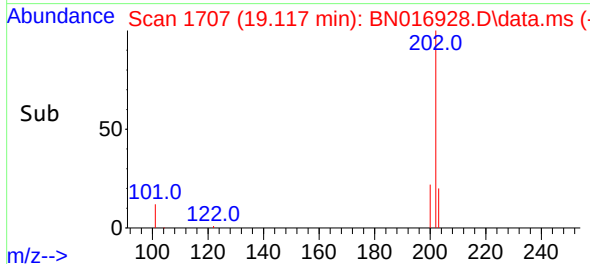
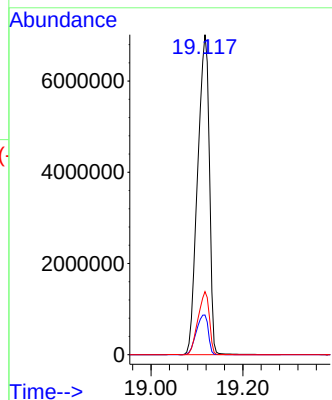
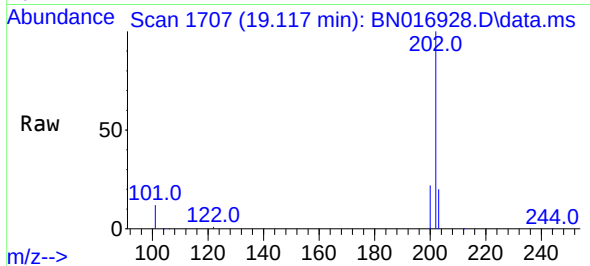




#28
Fluoranthene
Concen: 52.80 ng
RT: 19.117 min Scan# 1707
Delta R.T. 0.015 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

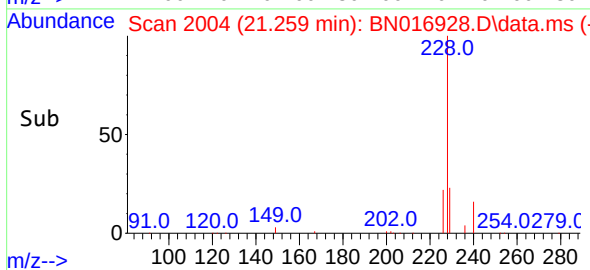
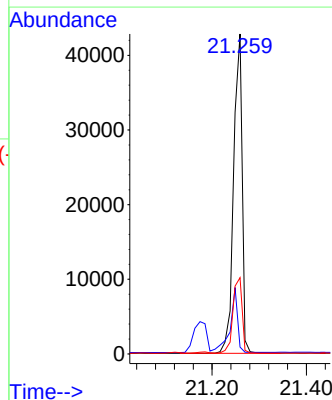
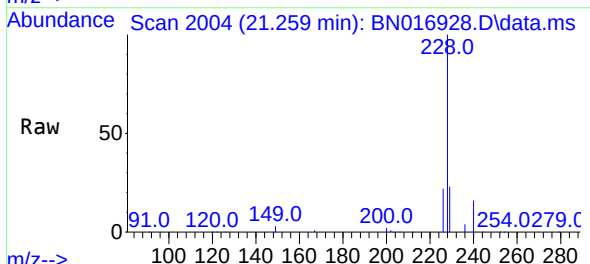
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

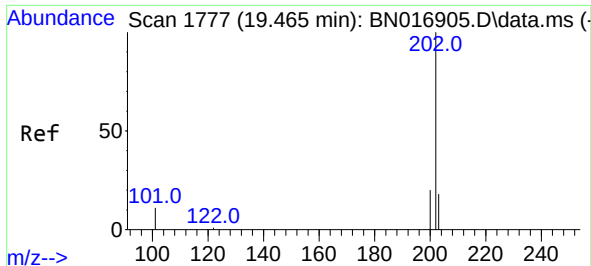
Tgt Ion:202 Resp:12397250
Ion Ratio Lower Upper
202 100
101 12.7 9.0 13.4
203 19.1 13.8 20.8



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.032 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:240 Resp: 54071
Ion Ratio Lower Upper
240 100
120 2.2 8.6 12.8#
236 23.8 21.0 31.4

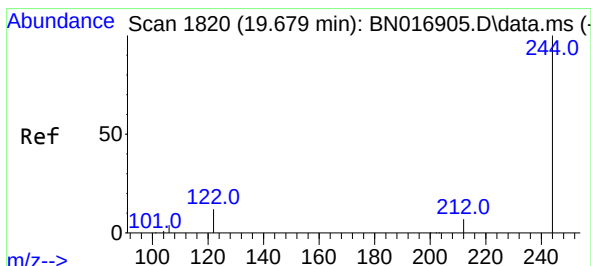
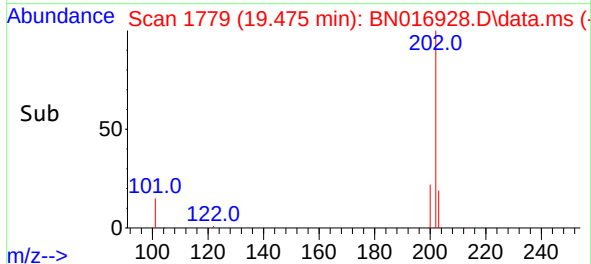
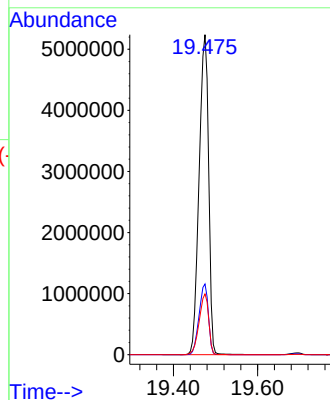
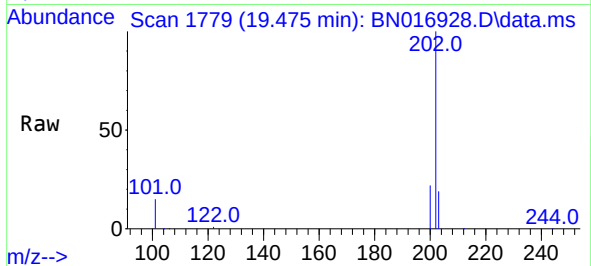




#30
Pyrene
Concen: 47.92 ng
RT: 19.475 min Scan# 1779
Delta R.T. 0.010 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

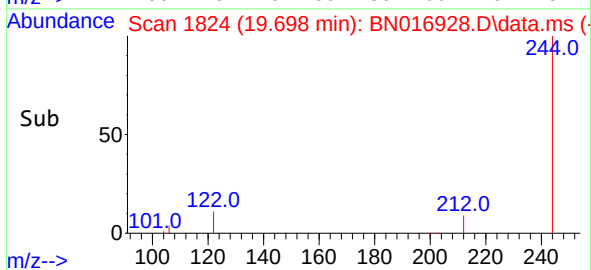
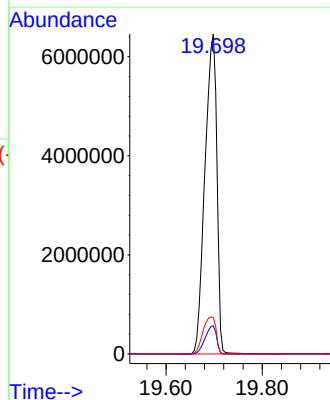
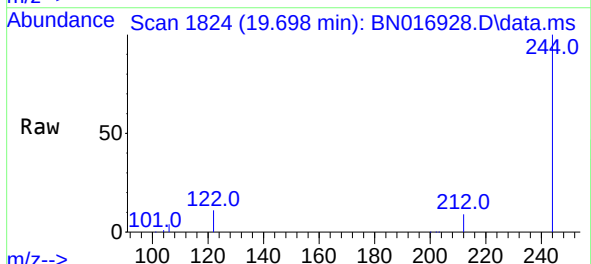
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

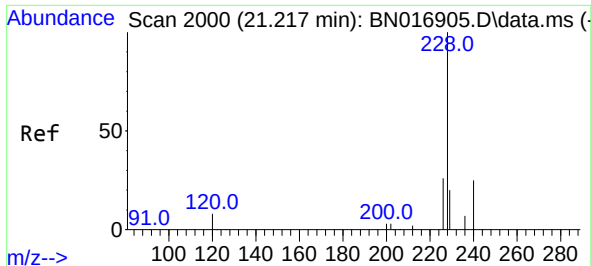
Tgt Ion:202 Resp: 8241662
Ion Ratio Lower Upper
202 100
200 21.6 16.5 24.7
203 19.1 14.0 21.0



#31
Terphenyl-d14
Concen: 93.52 ng
RT: 19.698 min Scan# 1824
Delta R.T. 0.020 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:244 Resp:11101240
Ion Ratio Lower Upper
244 100
212 8.8 5.7 8.5#
122 11.4 9.8 14.6



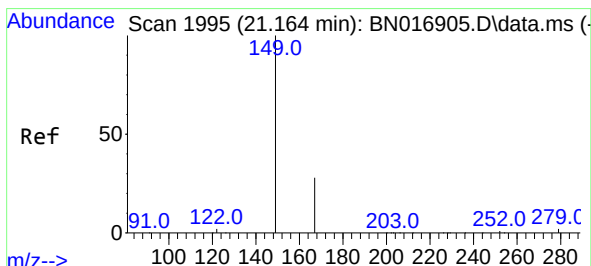
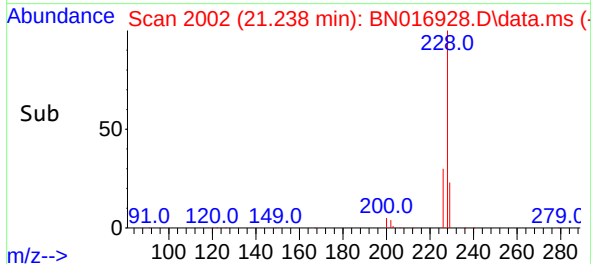
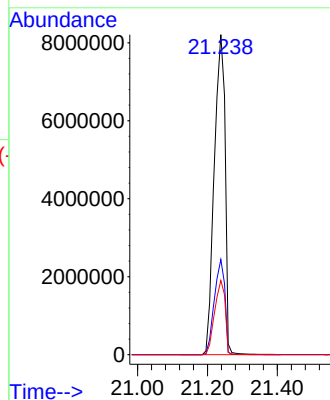
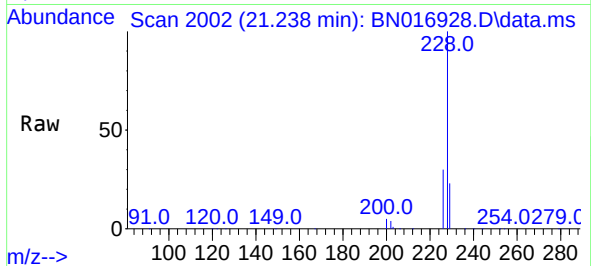


#32
Benzo(a)anthracene
Concen: 108.11 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.021 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:228 Resp:17600168

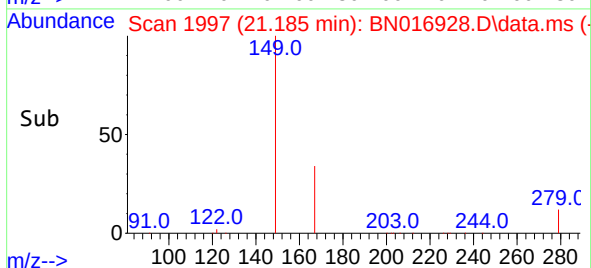
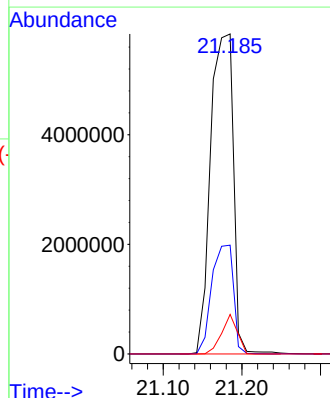
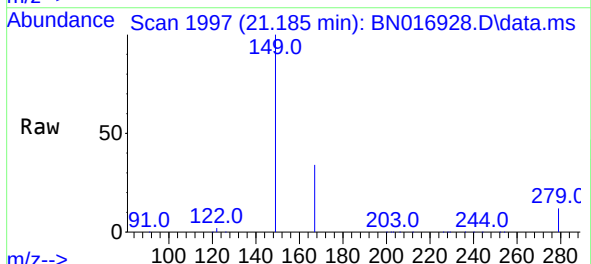
Ion	Ratio	Lower	Upper
228	100		
226	29.7	20.6	31.0
229	23.2	15.8	23.8

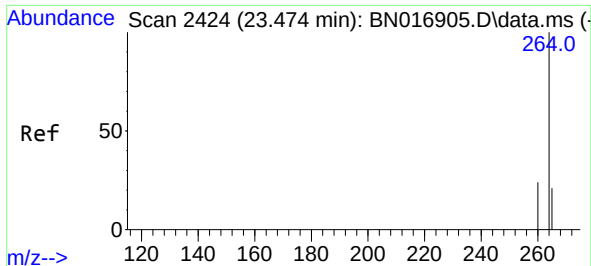


#34
Bis(2-ethylhexyl)phthalate
Concen: 113.22 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.021 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:149 Resp:11726867

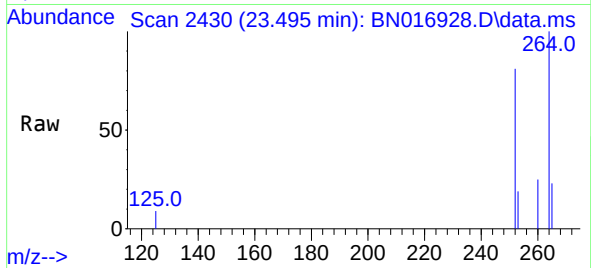
Ion	Ratio	Lower	Upper
149	100		
167	32.3	22.1	33.1
279	8.5	3.4	5.0



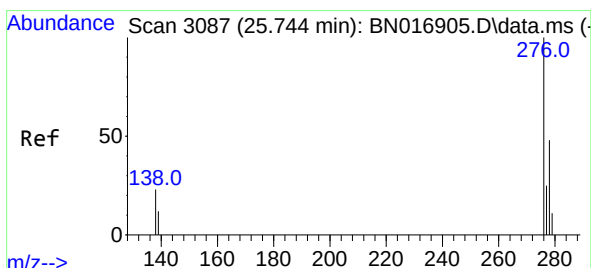
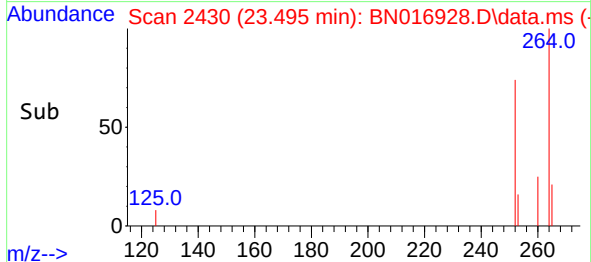
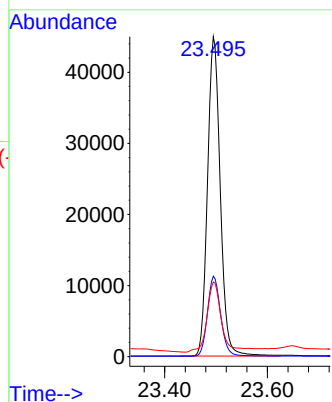


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.495 min Scan# 2430
Delta R.T. 0.020 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

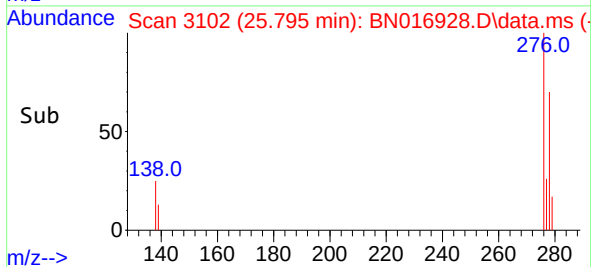
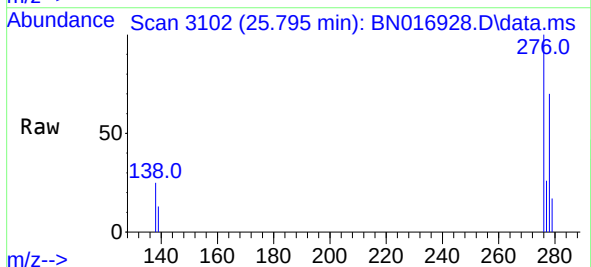
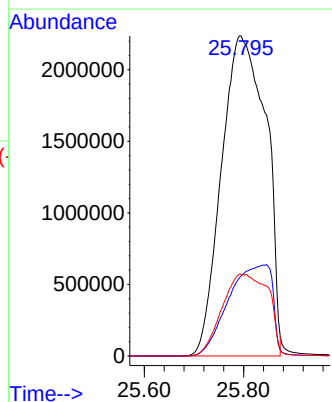


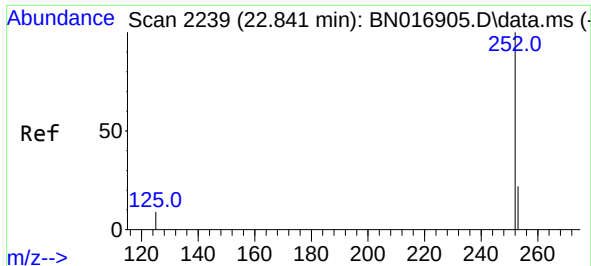
Tgt Ion:264 Resp: 77138
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 23.3 18.6 27.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 47.61 ng
RT: 25.795 min Scan# 3102
Delta R.T. 0.051 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:276 Resp:13900462
Ion Ratio Lower Upper
276 100
138 0.0 20.2 30.4#
277 26.4 20.2 30.4

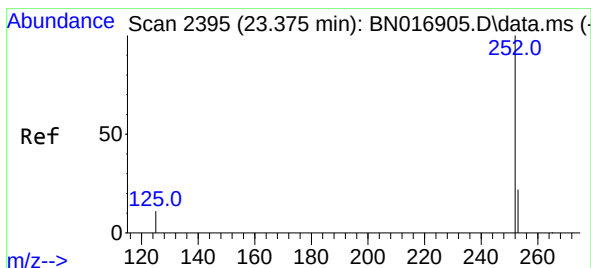
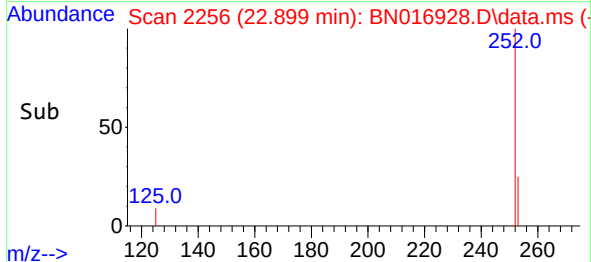
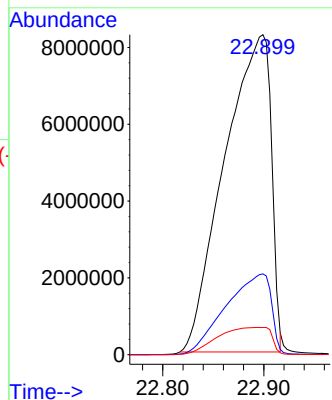
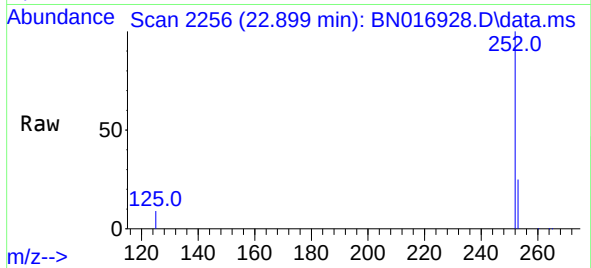




#38
Benzo(k)fluoranthene
Concen: 108.07 ng
RT: 22.899 min Scan# 2256
Delta R.T. 0.058 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

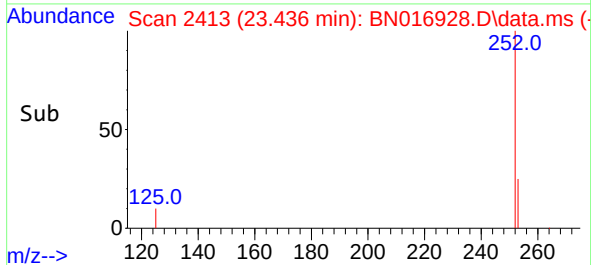
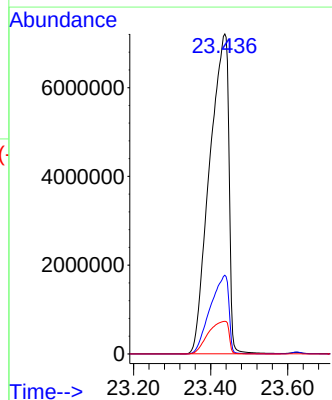
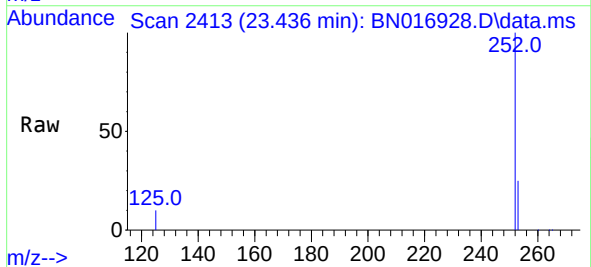
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

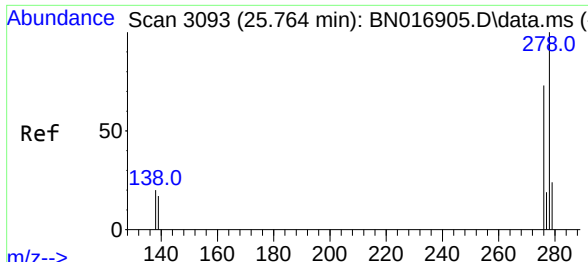
Tgt Ion:252 Resp:26494289
Ion Ratio Lower Upper
252 100
253 25.3 18.1 27.1
125 8.5 9.8 14.8#



#39
Benzo(a)pyrene
Concen: 110.30 ng
RT: 23.436 min Scan# 2413
Delta R.T. 0.061 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Tgt Ion:252 Resp:24913317
Ion Ratio Lower Upper
252 100
253 24.6 18.1 27.1
125 10.2 9.0 13.4





#40
Dibenzo(a,h)anthracene
Concen: 72.29 ng
RT: 25.850 min Scan# 3118
Delta R.T. 0.085 min
Lab File: BN016928.D
Acq: 13 Oct 2021 10:24

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:278 Resp:17123342
Ion Ratio Lower Upper
278 100
139 16.2 13.8 20.6
279 25.1 19.0 28.6

